FLUOLITE

COMPETENCE IN LIGHT & LUMINAIRES

LUMINAIRES
**PRODUCT
INFORMATION**

2023/24

We manufacture locally.

Since 1926.

Fluolite Light & Luminaires –
Luminaire production in Germany

QUALITY FROM
TETTNANG

We have been manufacturing "Made in Germany" luminaires since the 1950s. We promise you, our customers, consistently high product quality.

MADE IN GERMANY

German and European production in accordance with ISO 9001 and ISO 14001.

Strict quality standards for materials, workmanship, technology and service.

Efficient delivery and procurement channels.

Efficient use of resources –
with respect for the environment

We want to make our own contribution to improving sustainability:

- Use of green electricity
- Efficient delivery and procurement channels

- Long lifetime of LED modules
- Replaceable LED modules
- Returning production waste to the production cycle

Refurbishment and upgrades

Phase-out of conventional light sources from 2023:
The EU has banned the delivery of T5 and T8 fluorescent lamps (among others) and will begin gradually enforcing this ban in 2023 (read more on this topic from page 108).

- Upgrading to LEDs means superior light quality in living and working spaces
- Ideal opportunity to upgrade to energy-efficient lighting

- Switching to LEDs will reduce your carbon footprint and sustainably reduce your operating costs
- LED luminaires are characterised by a longer lifetime, which results in longer maintenance intervals and further cost savings

BEG subsidies
for upgrades to existing lighting installations

Key points concerning subsidies for LED upgrades in buildings within the scope of the federal funding programme for efficient buildings (BEG subsidy) include:

Object of the funding	Energy-efficient lighting systems for interiors with high system luminous efficacy (min 120 lm/W; trunking min 140 lm/W) and high luminous flux maintenance (min L80 / 50,000 operating hours).
Funding rate	15 % of the investment volume including dismantling/assembly.
Funding criteria	Minimum investment volume: € 2,000 (gross); maximum subsidised investment volume: € 5 million per year per building.
Eligibility criteria	Non-profit organisations, companies, other legal entities under private law including housing cooperatives.

Incidentally, almost all Fluolite luminaires meet the stringent technical requirements for BEG eligibility.

Ask our sales team about the Fluolite service concept for upgrades to existing lighting installations.

📞 +49 7542 517 0   ✉ info@fluolite.de

Interior lighting
PRODUCT OVERVIEW

Luminaires with a higher protection grade
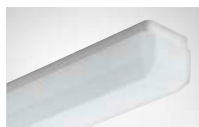
Luminaires for special applications

Surface-mounted luminaires

FLUO

Our promise:
The best light –
even in harsh environments

We believe that high-quality lighting is especially important in challenging environmental conditions. Our primary goal is to offer you the optimal lighting solution for every application. Light is our passion.

Enhance your interior design with our new, stylish shades for our RKF luminaire series.
Discover our collection, choose from different materials, colours and sizes – all made in Germany.

Luminaires for special applications

For agriculture & industry
PAC-D AI

LITE

We manufacture our products locally – and promise you, our customers, consistently high product quality. For this reason, we predominantly manufacture and assemble our products in our factories in Tettnang and elsewhere in the EU.

page **44–45** | **Stylish shades**
for RKF luminaires

page **24–25** | **For extreme temperature ranges**
LZP HT

Wall and ceiling luminaires

Lay-in luminaires │ Panel luminaires
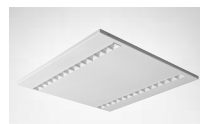
Downlights

Interior lighting
PRODUCT OVERVIEW

Trunking systems and battens

High-bay luminaires

Ball-proof luminaires

NEW

Multilumen LED panel

page **62–63** | **Multilumen technology for office installations**
FLAT-A ML

The perfect solution for new installations and refurbishment projects.

NEW

Ball-proof luminaire

page **90–91** | **Sleek. Sophisticated. Ball-proof.**
InAct

Luminaires for VDU workstations

see pages

High-bay luminaires

For high ceilings with optimised light distribution
PAC-D MaXX | Focus
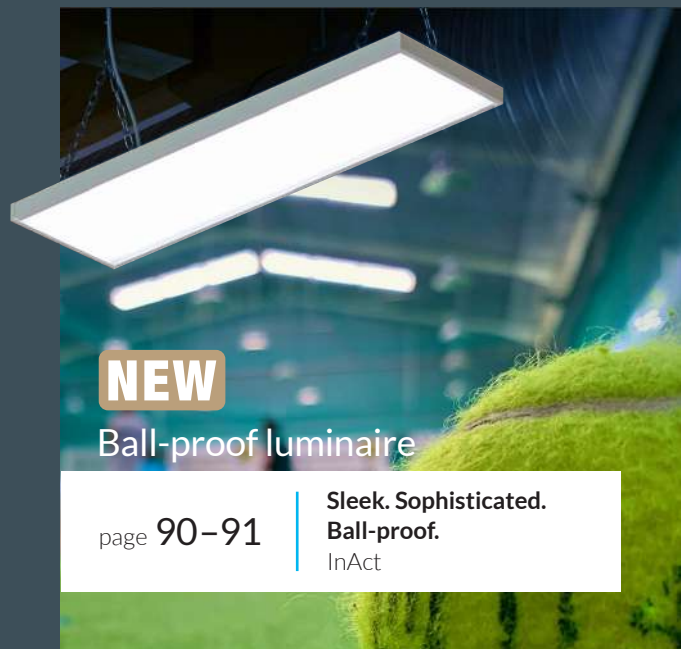
Exterior lighting
PRODUCT OVERVIEW

Covered outdoor areas

Uncovered outdoor areas

Luminaires for LEDtubes
PRODUCT OVERVIEW

Luminaires with a higher protection grade
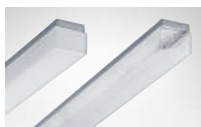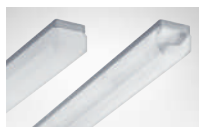
Surface-mounted luminaires

Trunking systems and battens

Retrofit luminaires
PRODUCT OVERVIEW

Wall and ceiling luminaires
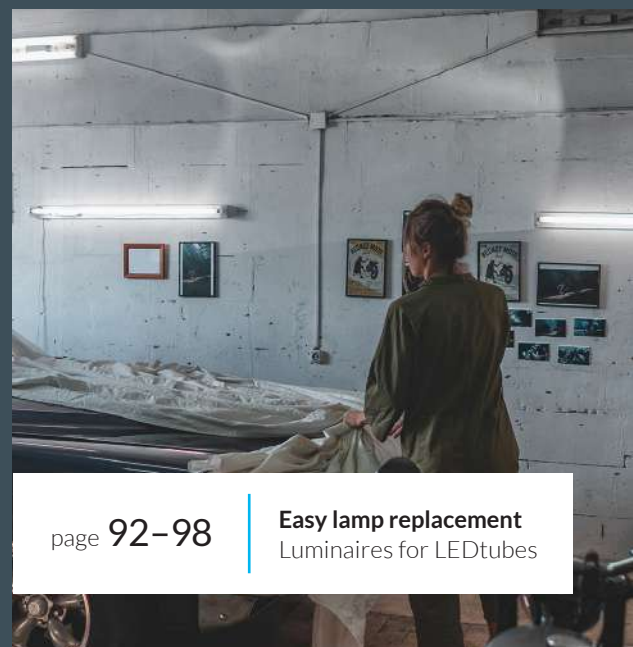
Easy lamp replacement
Luminaires for LEDtubes

Lighting refurbishment

Upgrade now and save
Take advantage of subsidies
and reduce your energy costs

LEDtubes and retrofit luminaires

Luminaires for LEDtubes and retrofit luminaires have their own strengths. Our customers can choose suitable products for their applications from our wide range of high-quality luminaires for LEDtubes and retrofit luminaires.

#Retrofit
see page **99**

#E27 LED
LED technology
for RKL E27 types

Safety lighting
PRODUCT OVERVIEW

Rescue and safety luminaires

Replacement parts
PRODUCT OVERVIEW

Lighting refurbishment

Technical annex

Luminaires with a
higher protection grade

—

Moisture-proof luminaires are specially designed for use in humid, wet and/or dusty environments.
Our product families include a large variety of types and are the ideal solution for a wide range of applications.

Multilumen moisture-proof luminaire
PAC-D EL ML

60 mm — Adjustment range of the mounting brackets
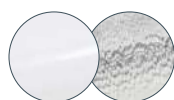
Diffuser style: opal or pearled

Seal made from ageing-resistant PU foam

Luminous efficacy up to 168 lm/W (eligible for BEG)

Sustainable product thanks to replaceable LED module and replacement diffuser

Eligible for BEG

POWERFUL technology
PREMIUM quality
TOP PRICE

Multilumen

- One luminaire, variable light intensity
- Easy storage, increased flexibility

Outstanding reliability

- High-quality materials and components, precise workmanship
- Manufactured in accordance with DIN EN 605989 (VDE)

Luminaire warranty **5** YEARS

Scan the code and watch our product video on YouTube.

PAC-D EL ML Multilumen
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Diffuser made of UV-resistant PMMA (IK 03) or PC (IK 07). High-quality closures and multifunctional mounting brackets made from stainless steel (V2A) for rapid installation. Suitable for ceiling or wall mounting indoors and in covered outdoor areas.

- ❯ **ENEC and VDE certification marks**
- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Luminous efficacy up to 168 Lm/W (eligible for BEG)**
- ❯ **Safe for use in the food industry – HACCP certified**
- ❯ **AC / DC capable**

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Suitable for surface-mounting, trunking or suspended mounting
- ❯ Plastic closures optionally available
- ❯ ▽-symbol, suitable for rooms with an elevated fire risk

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E1	E2 (± 60 mm)	Article No.
PAC-D LED EL ML opal	650	Basic	4000	2300 / 1500	17 / 10	50,000 h	L80/B10	660	510	360	6324 1050 •
	1200	Basic	4000	4600 / 2800	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1350 •
		TW 5 x 2.5	4000	4600 / 2800	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1367 •
	1500	Basic	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1550 •
		TW 5 x 2.5	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1567 •
		HF sensor	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1551 •
PAC-D LED EL ML pearled	1200	Basic	4000	5100 / 3200	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1850
		TW 5 x 2.5	4000	5100 / 3200	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1875
	1500	Basic	4000	6400 / 4000	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 2050 •
		TW 5 x 2.5	4000	6400 / 4000	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 2075

Shock-resistant polycarbonate (PC) diffuser, IK 07

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E1	E2 (± 60 mm)	Article No.
PAC-D/PC LED EL ML opal	650	Basic	4000	2300 / 1500	17 / 10	50,000 h	L80/B10	660	510	360	6324 1080 •
	1200	Basic	4000	4600 / 2800	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1355 •
		TW 5 x 2.5	4000	4600 / 2800	33 / 19	50,000 h	L80/B10	1220	880	760	6324 1310
	1500	Basic	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1555 •
		TW 5 x 2.5	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1560
		HF sensor	4000	5900 / 3700	43 / 25	50,000 h	L80/B10	1520	1180	1060	6324 1556 •

• available ex stock

PAC-D LED EL ML online:
www.fluolite.de/produkte/pac-d-el

PAC-D EL
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

CE IP 65

MADE IN GERMANY

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E1	E2 (± 60 mm)	Article No.
PAC-D LED EL opal	1200	DALI + TW 5 x 2.5	4000	4600	33	50,000 h	L80/B10	1220	880	760	6324 1375
		EL 3 h Autotest	4000	4600	38	50,000 h	L80/B10	1220	880	760	6324 1380
	1500	DALI + TW 5 x 2.5	4000	5900	43	50,000 h	L80/B10	1520	1180	1060	6324 1575 •
		EL 3 h Autotest	4000	5900	45	50,000 h	L80/B10	1520	1180	1060	6324 1580 •

• available ex stock

Compatible accessories see page 107

Installation options

ceiling/direct   ceiling/bracket   chain/bracket
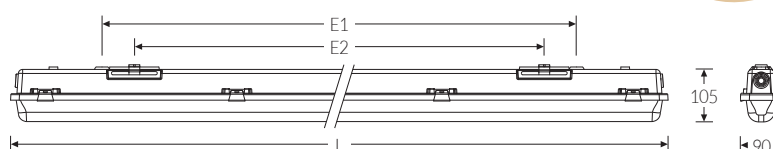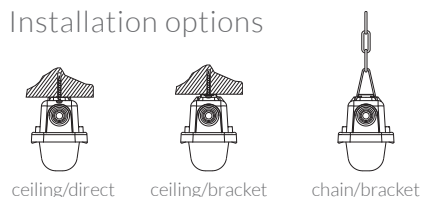
THE DIFFERENCES BETWEEN
ACRYLIC (PMMA) AND POLYCARBONATE (PC)

Acrylic (PMMA) offers the following advantages:

- High resistance to weathering
- Very good UV resistance
- Excellent chemical resistance
- Resistant to greases, oils, acids and alkaline cleaners

Polycarbonate (PC) offers the following advantages:

- Excellent shock resistance
- Considerable breaking strength
- High thermal stability
- High rigidity

PAC-D EL Q
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

CE · IP65

MADE IN GERMANY

Q – Quick-Mounting System

The PAC-D EcoLine Q is the ideal solution for easy and time-saving installation.

60 mm

TIME SAVINGS ≥60% during electrical installation

- ❯ **ENEC and VDE certification marks**
- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Luminous efficacy up to 150 Lm/W (eligible for BEG)**
- ❯ **Safe for use in the food industry – HACCP certified**
- ❯ **AC/DC capable**

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Suitable for surface-mounting, trunking or suspended mounting

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L1	L2	E1	E2 (± 60 mm)	Article No.
PAC-D LED EL Q opal	1200	Basic	4000	2800	19	50,000 h	L80/B10	1220	1280	880	760	6324 6105
			4000	4600	33	50,000 h	L80/B10	1220	1280	880	760	6324 6125
		TW 3 x 2.5	4000	2800	19	50,000 h	L80/B10	1220	1340	880	760	6324 6115
			4000	4600	33	50,000 h	L80/B10	1220	1340	880	760	6324 6135
	1500	Basic	4000	3700	25	50,000 h	L80/B10	1520	1580	1180	1060	6324 6605
			4000	5900	43	50,000 h	L80/B10	1520	1580	1180	1060	6324 6625 •
			4000	9000	60	50,000 h	L80/B10	1520	1580	1180	1060	6324 6645 •
		TW 3 x 2.5	4000	3700	25	50,000 h	L80/B10	1520	1640	1180	1060	6324 6615
			4000	5900	43	50,000 h	L80/B10	1520	1640	1180	1060	6324 6635 •
			4000	9000	60	50,000 h	L80/B10	1520	1640	1180	1060	6324 6655 •

• available ex stock

Installation options

ceiling/direct   ceiling/bracket   chain/bracket

E1
E2
L1
L2
105
90

Compatible accessories see page 107
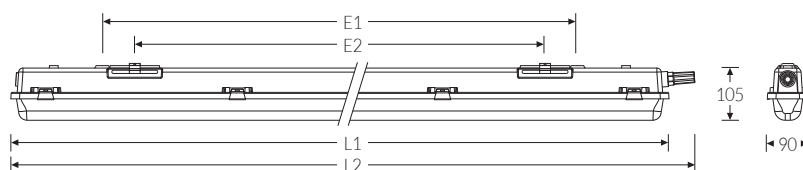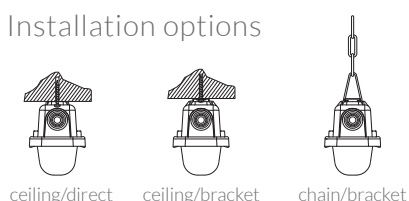
CLICK
Simply click the lamp into the previously installed mounting brackets.

CONNECT
The plug-in contact system lets you establish the electrical connection from the outside – without having to reach inside the luminaire.

DONE!
Screw the protective plug in place over the connection to ensure that the higher IP 65 protection grade is maintained.

PAC-D HP
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

MADE IN GERMANY

CE ⏚ 🍴 ▽ IP65

60 mm

- **Up to 12,600 lumens**
- **Versions with 6,500 Kelvin available**
- **Sustainable product thanks to replaceable LED module**
- **Luminous efficacy up to 158 Lm/W (eligible for BEG)**
- **Safe for use in the food industry – HACCP certified**
- **AC / DC capable**
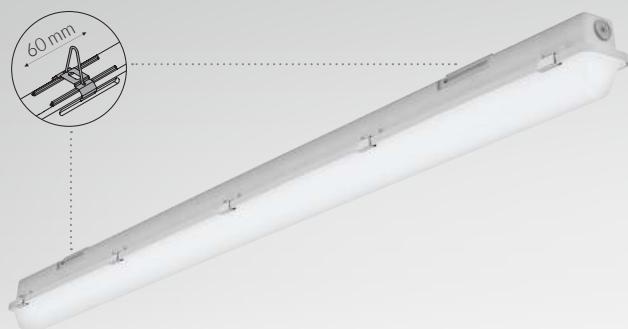
High Performance
LED moisture-proof luminaire

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. PMMA diffuser, translucent opal, homogeneous illumination. High-quality closures made of stainless steel (V2A). Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in). Classic design for indoor or covered outdoor areas. Suitable for ceiling or wall mounting.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Homogeneous illumination
- Suitable for surface-mounting, trunking or suspended mounting
- Plastic closures optionally available
- ▽-symbol, suitable for rooms with an elevated fire risk

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E1	E2 (± 60 mm)	Article No.
PAC-D LED HP	1500	Basic	4000	9000	60	50,000 h	L80/B10	1520	1180	1060	6323 8260 •
			4000	12,600	80	50,000 h	L80/B10	1520	1180	1060	6323 8250 •
			6500	9000	60	50,000 h	L80/B10	1520	1180	1060	6323 8270 •
		TW 5 x 2.5	4000	9000	60	50,000 h	L80/B10	1520	1180	1060	6323 8265
			4000	12,600	80	50,000 h	L80/B10	1520	1180	1060	6323 8255
			6500	9000	60	50,000 h	L80/B10	1520	1180	1060	6323 8275 •

• available ex stock

E1
E2
105
L
90
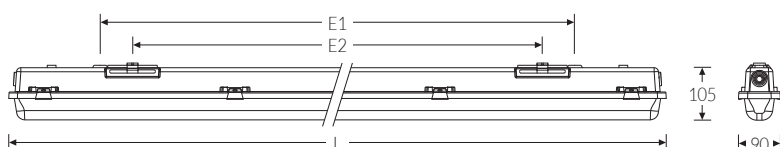
Compatible accessories see page 107

Installation options

Ceiling fixings with stainless-steel mounting brackets (included in the scope of delivery) let you easily clip the housing into position on the ceiling. It can also be suspended from a chain or cable using the enclosed bracket – this allows particularly easy mounting. The fixing span can be varied by 60 mm by means of sliding mounting brackets.

ceiling/direct   ceiling/bracket   chain/bracket

Adjustment range of the mounting bracket
60 mm
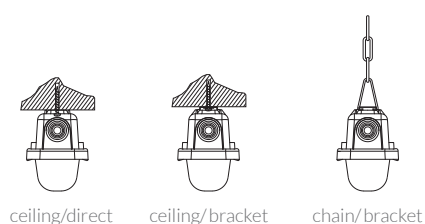
Variable fixing span due to clip-in mounting brackets with 60 mm adjustment range.

Suspended mounting from a chain or cable (not included) is possible using the supplied bracket and hanger.

LZP
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

CE | IK07 | IP66

60 mm

High protection grade IP 66, high shock resistance to IK 07

Sustainable product thanks to replaceable LED module

Luminous efficacy up to 130 Lm/W (eligible for BEG)

Safe for use in the food industry – HACCP certified

AC/DC capable

One series with numerous variants

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Non-ageing, foamed PU seal. LED optical system mounted on white gear tray. Opal PC diffuser, impact resistant and UV-stabilised with internal longitudinal prisms. Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in). Suitable for ceiling or wall mounting. Approved for use indoors or in covered outdoor areas.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Ambient temperature from –20 °C to +35 °C
- Versions with HF sensor, DALI or 3-hour emergency lighting available
- High-quality closures made of stainless steel, captive design
- D-symbol, suitable for rooms with an elevated fire risk

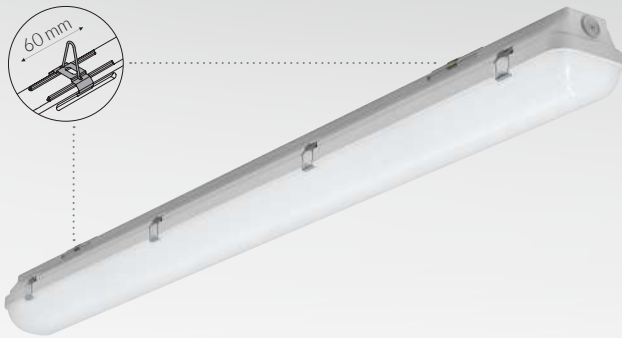| Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E1	E2 (± 60 mm)	Article No.
LZP LED	1250	Basic	4000	3800	33	50,000 h L80/B10	1270	840	865	6107 2010 •
			4000	5700	44	50,000 h L80/B10	1270	840	865	6107 2510
		Basic TW 5 x 2.5	4000	3800	33	50,000 h L80/B10	1270	840	865	6107 2020
			4000	5700	44	50,000 h L80/B10	1270	840	865	6107 2520
		HF sensor (Master/Slave) + TW 5 x 1.5	4000	3800	33	50,000 h L80/B10	1270	840	865	6107 2055 •
			4000	5700	44	50,000 h L80/B10	1270	840	865	6107 2555
		DALI	4000	3800	33	50,000 h L80/B10	1270	840	865	6107 2030
			4000	5700	44	50,000 h L80/B10	1270	840	865	6107 2530
		DALI + TW 5 x 1.5	4000	3800	33	50,000 h L80/B10	1270	840	865	6107 2035
			4000	5700	44	50,000 h L80/B10	1270	840	865	6107 2535
		3h emergency lighting	4000	3800	36	50,000 h L80/B10	1270	840	865	6107 2070
			4000	5700	47	50,000 h L80/B10	1270	840	865	6107 2570
	1550	Basic	4000	4200	35	50,000 h L80/B10	1570	1140	1165	6107 3010 •
			4000	6800	53	50,000 h L80/B10	1570	1140	1165	6107 3510
		Basic TW 5 x 2.5	4000	4200	35	50,000 h L80/B10	1570	1140	1165	6107 3020
			4000	6800	53	50,000 h L80/B10	1570	1140	1165	6107 3520
		HF sensor (Master/Slave) + TW 5 x 1.5	4000	4200	35	50,000 h L80/B10	1570	1140	1165	6107 3055 •
			4000	6800	53	50,000 h L80/B10	1570	1140	1165	6107 3555
		DALI	4000	4200	35	50,000 h L80/B10	1570	1140	1165	6107 3030
			4000	6800	53	50,000 h L80/B10	1570	1140	1165	6107 3530
		DALI + TW 5 x 1.5	4000	4200	35	50,000 h L80/B10	1570	1140	1165	6107 3035
			4000	6800	53	50,000 h L80/B10	1570	1140	1165	6107 3535
		3h emergency lighting	4000	4200	39	50,000 h L80/B10	1570	1140	1165	6107 3070
			4000	6800	56	50,000 h L80/B10	1570	1140	1165	6107 3570

• available ex stock

LZP LED online:
www.fluolite.de/produkte/lzp-led

ALSF
LED MOISTURE-PROOF SURFACE-MOUNTED LUMINAIRE

MADE IN GERMANY

CE ⏚ ▽ IK02 IP54

Luminaire housing made of white, glass-fibre-reinforced polyester, flame retardant. Opal acrylic diffuser (PMMA), smooth exterior, angular design. High-quality, circumferentially foamed, water-repellent seal made of polyurethane to ensure a higher protection grade. Internal closure device. Rear wiring channel for through-wiring. Suitable for ceiling or wall mounting.
Approved for use indoors or in covered outdoor areas.

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Non-ageing PU seal
- ❯ Halogen-free wiring

- ❯ **Classic design with clean lines**
- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Versions with HF sensor, DALI or 3-hour emergency lighting available**
- ❯ **Designed for use in harsh environments**

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E	Article No.
ALSF LED	1260	Basic	3000	4800	43	50,000 h L80/B10	1260	740	6011 1259
			4000	4900	43	50,000 h L80/B10	1260	740	6011 1260
		HF sensor (Master/Slave)	4000	4900	43	50,000 h L80/B10	1260	740	6011 1265
		DALI	4000	4900	43	50,000 h L80/B10	1260	740	6011 1275
		3h emergency lighting	4000	4900	43	50,000 h L80/B10	1260	740	6011 1270
	1560	Basic	4000	5500	46	50,000 h L80/B10	1560	850	6011 1560
		HF sensor (Master/Slave)	4000	5500	46	50,000 h L80/B10	1560	850	6011 1565
		DALI	4000	5500	46	50,000 h L80/B10	1560	850	6011 1575
		3h emergency lighting	4000	5500	46	50,000 h L80/B10	1560	850	6011 1570

Diffuser and base are packed separately.

E

95

L   105

ALSF LED online:
www.fluolite.de/produkte/alsf-led

Euro-Line Aqua
LED MOISTURE-PROOF SURFACE-MOUNTED LUMINAIRE
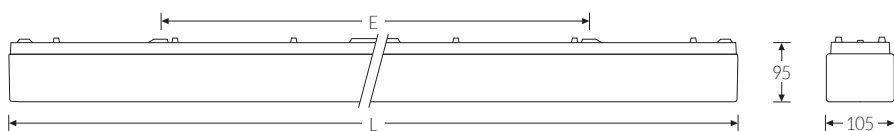
CE ⏚ ▽ IK02 IP54

Luminaire housing made of white, glass-fibre-reinforced polyester, flame retardant. Opal acrylic diffuser (PMMA), smooth exterior, bevelled edges. High-quality, circumferentially foamed, water-repellent seal made of polyurethane to ensure a higher protection grade. Internal closure device. Rear wiring channel for through-wiring. Suitable for ceiling or wall mounting.
Approved for use indoors or in covered outdoor areas.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Non-ageing PU seal
- Halogen-free wiring

- **Bevelled edges for a timeless design**
- **Sustainable product thanks to replaceable LED module**
- **Rear wiring channel for through-wiring**
- **Designed for use in harsh environments**

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E	Article No.
Euro-Line Aqua LED	1270	Basic	4000	4900	43	50,000 h L80/B10	1270	740	6012 1270
	1570	Basic	4000	5500	46	50,000 h L80/B10	1570	850	6012 1570

Diffuser and base are packed separately.
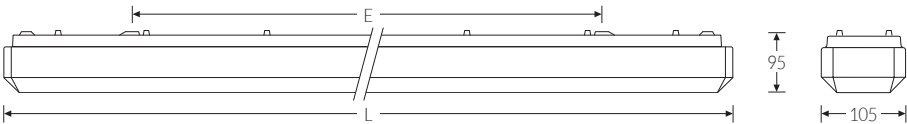
E
95
L
105

Luminaires for special applications

—

PAC-D AI 22 – 23 **LZP HT** 24 – 25

Various requirements with regard to chemical resistance, extreme ambient temperatures and high dust loads – as well as the challenging conditions in agricultural facilities and the food industry – demand the use of high-quality luminaires that are built to withstand punishment.

Agriculture & Industry

High-quality luminaire for agriculture and industry – designed for professional use in damp, wet, dusty environments and areas exposed to ammonia. Advanced energy-efficient technology guarantees flicker-free, low-glare and homogeneous illumination.

Thanks to the high IP 69K protection grade, the luminaire is permanently protected against both the ingress of dust and jets of water with a max. temperature of 80 °C and a max. jet pressure of 80 bar at a distance of > 10 cm.

Certified with the "D" symbol, the PAC-D AI luminaires are approved for use in operating sites that are liable to fire hazards. These include stables, barns, farms, facilities in the wood and paper industry, warehouses and storage rooms.

PAC-D AI
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

CE ⏚ 🍴 ▽ IP66 IP69K

MADE IN GERMANY

Extreme conditions – one luminaire

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Opal acrylic diffuser (PMMA). High-quality closures made of stainless steel (V2A). Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in). Suitable for ceiling or wall mounting.

❯ Long LED lifetime – 50,000 h for L80/B10
❯ Colour tolerance (initial MacAdam) 3
❯ Ambient temperature from −20 °C to +35 °C
❯ Non-ageing PU seal
❯ Suitable for surface-mounting, trunking or suspended mounting
❯ Approved for use indoors and in protected and unprotected outdoor areas
❯ DLG certification is in progress

60 mm

❯ **Meets all requirements for efficient and high-quality lighting for the promotion of animal welfare**

❯ **Sustainable product thanks to replaceable LED module**

❯ **Luminous efficacy up to 148 Lm/W (eligible for BEG)**

❯ **AC/DC capable**

❯ **Safe for use in the food industry – HACCP certified**

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E1	E2 (± 60 mm)	Article No.
PAC-D AI	1200	Basic	4000	4900	35	50,000 h L80/B10	1220	880	760	6325 1000 •
		TW 5 x 2.5	4000	4900	35	50,000 h L80/B10	1220	880	760	6325 1050 •
		DALI	4000	4900	35	50,000 h L80/B10	1220	880	760	6325 1200
		DALI + TW 5 x 2.5	4000	4900	35	50,000 h L80/B10	1220	880	760	6325 1250
	1500	Basic	4000	6200	42	50,000 h L80/B10	1520	1180	1060	6325 2000 •
		TW 5 x 2.5	4000	6200	42	50,000 h L80/B10	1520	1180	1060	6325 2050 •
		DALI	4000	7100	48	50,000 h L80/B10	1520	1180	1060	6325 2200
		DALI + TW 5 x 2.5	4000	7100	48	50,000 h L80/B10	1520	1180	1060	6325 2250

• available ex stock
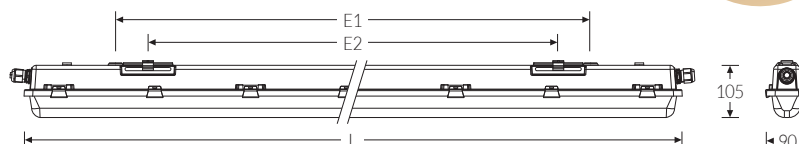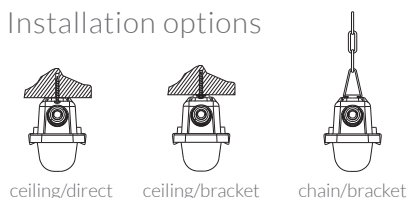
Compatible accessories see page 107

Installation options

ceiling/direct   ceiling/bracket   chain/bracket

E1
E2
105
L
90

High and low temperature

In the industrial sector, luminaires are largely selected on the basis of their light output. However, their lifetime also plays a particularly important role. This is determined to a large extent by the ambient temperature.

Our LZP HT LED moisture-proof luminaire is a powerful and robust luminaire for demanding requirements – including temperatures from –40 °C to +55 °C.

LZP HT
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

CE ⊕ 🍴 🔽 IK07 IP66

MADE IN GERMANY

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Opal polycarbonate (PC) diffuser, impact-resistant and UV-stabilised with internal longitudinal prisms. Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in).

Suitable for mounting on walls, ceilings, trunking (e.g. TRA) or for suspended mounting in industry, parking areas, workshops, warehouses and assembly halls as well as cold stores, taking into account the temperature ranges.

❯ Long LED lifetime – 50,000 h for L80/B10
❯ Colour tolerance (initial MacAdam) 3
❯ Non-ageing PU seal
❯ High-quality closures made of stainless steel, captive design
❯ 🔽-symbol, suitable for rooms with an elevated fire risk

60 mm

❯ **Ambient temperature from – 40 °C to +55 °C**
❯ **Sustainable product thanks to replaceable LED module**
❯ **Luminous efficacy up to 132 Lm/W (eligible for BEG)**
❯ **Safe for use in the food industry – HACCP certified**
❯ **Suitable for uncovered outdoor areas**
❯ **AC / DC capable**

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E1	E2 (± 60 mm)	Article No.
LZP LED HT	1250	Basic	4000	4500	34	50,000 h	L80/B10	1270	840	865	6107 2710 •
	1550	Basic	4000	5500	42	50,000 h	L80/B10	1570	1140	1165	6107 3710 •

• available ex stock
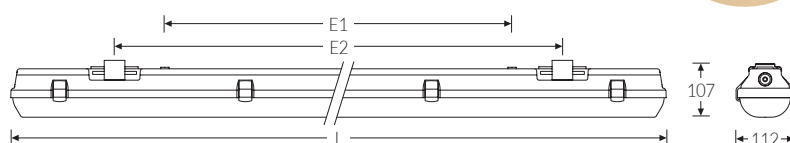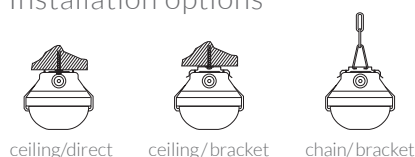
Compatible accessories see page 107

Installation options

ceiling/direct   ceiling / bracket   chain / bracket

E1
E2
107
L
112

PAC-D | LZP LED luminaires at a glance

Matrix of available PAC-D and LZP luminaire types and versions

	PAC-D EL ML	PAC-D EL LED moisture-proof luminaire with Multilumen function	PAC-D EL Q LED moisture-proof luminaire with Quick-Mounting System	PAC-D HP High-performance LED moisture-proof luminaire with up to 12,600 lumens
Mounting type	Ceiling or wall mounting		Ceiling or wall mounting	Ceiling or wall mounting
Application area	• Underground and multi-storey car parks • Industrial buildings and warehouses that require a high protection grade • Production and storage facilities in the food industry • Workshops • Warehouses and shipping bays Approved for use indoors or in covered outdoor areas.		• Underground and multi-storey car parks • Industrial buildings and warehouses that require a high protection grade • Production and storage facilities in the food industry • Workshops • Warehouses and shipping bays Approved for use indoors or in covered outdoor areas.	• Underground and multi-storey car parks • Industrial buildings and warehouses that require a high protection grade • Production and storage facilities in the food industry • Workshops • Warehouses and shipping bays Approved for use indoors or in covered outdoor areas.
Multilumen function	✔	–	–	–
Eligible for BEG	✔	✔	✔	✔
HF sensor (Master/Slave capable)	✔	available on request	available on request	available on request
DALI (dimmable)	–	✔	available on request	✔
AC/DC capable	✔	✔	✔	✔
Emergency lighting function	–	✔	available on request	available on request
Colour rendering index	$R_a > 80$	$R_a > 80$	$R_a > 80$	$R_a > 80$
Colour tolerance (MacAdam)	3	3	3	3
Light distribution	Extensive	Extensive	Extensive	Extensive
Light distribution	120°	120°	120°	120°
Ambient temperature	−20 °C to +25 °C	−20 °C to +25 °C	−20 °C to +25 °C	−20 °C to +25 °C
Protection class	SK I	SK I	SK I	SK I
Protection grade	IP 65	IP 65	IP 65	IP 65
Shock-resistant PMMA diffuser	IK 03	IK 03	IK 03	IK 03
Shock-resistant PC diffuser	IK 07	IK 07	IK 07	IK 07
ENEC and VDE certified	✔	–	✔	–
HACCP certified	✔	✔	✔	✔
D marking	✔	✔	✔	✔
Catalogue page	12 – 13	14	15	16

	PAC-D AI	PAC-D MaXX	PAC-D MaXX Focus	LZP	LZP HT
	LED moisture-proof luminaire for agriculture & industry	LED moisture-proof luminaire for rooms and halls with high ceilings	LED moisture-proof luminaire for shelf systems and aisles	LED moisture-proof luminaire for use in harsh environments	
	Ceiling or wall mounting	Ceiling or wall mounting	Ceiling or wall mounting	Ceiling or wall mounting	
	• Stables and sheds • Agricultural holdings • Timber and paper industry • Industrial buildings and warehouses that require a high protection grade • Production and storage facilities in the food industry	• Logistics buildings and warehouses • Industrial manufacturing and production sites • Production and storage facilities in the food industry • Exhibition halls	• Narrow rooms, corridors and other passageways • High-bay warehouses • High-ceilinged commercial buildings • Production and storage facilities in the food industry	• Underground and multi-storey car parks • Workshops, warehouses and assembly halls • Industrial buildings and warehouses that require a high protection grade • Production and storage facilities in the food industry • LZP HT: cold stores	
	Approved for use indoors and in protected and unprotected outdoor areas.	Approved for use indoors or in covered outdoor areas.	Approved for use indoors or in covered outdoor areas.	Approved for use indoors and in protected and unprotected outdoor areas.	
	–	–	–	–	–
	✔	✔	✔	✔	✔
	available on request	available on request	available on request	✔	available on request
	✔	✔	✔	✔	–
	✔	✔	✔	✔	✔
	–	–	–	✔	–
	$R_a > 80$	$R_a > 80$	$R_a > 80$	$R_a > 80$	$R_a > 80$
	3	3	3	3	3
	Extensive	Extensive	Intense	Extensive	Extensive
	120°	120°	60°	120°	120°
	−20 °C to +35 °C	−20 °C to +35 °C	−20 °C to +35 °C	−20 °C to +35 °C	−40 °C to +55 °C
	SK I	SK I	SK I	SK I	SK I
	IP 69K	IP 65	IP 65	IP 66	IP 66
	IK 03	IK 02	IK 02	–	–
	IK 07	–	–	IK 07	IK 07
	–	–	–	–	–
	✔	✔	✔	✔	✔
	✔	✔	✔	✔	✔
	22 – 23	88	88	17	24 – 25

Surface-mounted luminaires

—

We offer a wide range of high-quality surface-mounted luminaires that are suitable for diverse applications, including car parks, corridors, stairwells, containers and ancillary rooms as well as the retail food trade.

AOT
LED DIFFUSER SURFACE-MOUNTED LUMINAIRE

CE · IK02 · IP50
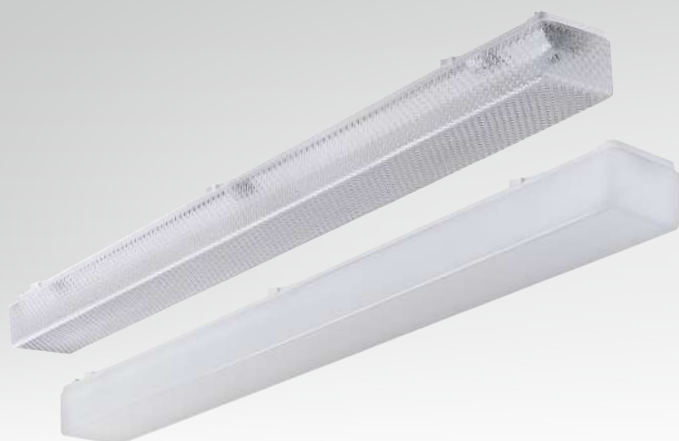
Luminaire housing made of white lacquered steel. Polycarbonate (PC) latch, white. Angular, smooth opal or prismatic acrylic diffuser (PMMA). Suitable for ceiling or wall mounting.

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Foam profile seal
- ❯ Versatile due to different diffuser designs
- ❯ Optionally available with DALI

❯ **Luminous efficacy up to 132 Lm/W (eligible for BEG)**

❯ **Sustainable product thanks to replaceable LED module**

❯ **Classic design with clean lines**

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	W	H	E	Article No.
AOT LED opal	650	4000	2750	25	50,000 h	L80/B10	650	105	87	460	7010 2060
	1250	3000	4250	38	50,000 h	L80/B10	1260	105	87	900	7011 2055
		4000	4450	38	50,000 h	L80/B10	1260	105	87	900	7011 2060
	1550	3000	5950	54	50,000 h	L80/B10	1560	105	87	1200	7012 2055
		4000	6250	54	50,000 h	L80/B10	1560	105	87	1200	7012 2060
AOT LED prismatic	650	3000	3000	25	50,000 h	L80/B10	650	105	87	460	7010 2065
		4000	3150	25	50,000 h	L80/B10	650	105	87	460	7010 2070
	1250	3000	4750	38	50,000 h	L80/B10	1260	105	87	900	7011 2065
		4000	5000	38	50,000 h	L80/B10	1260	105	87	900	7011 2070
	1550	4000	6950	54	50,000 h	L80/B10	1560	105	87	1200	7012 2070

Diffuser and base are packed separately.

AOT LED online:
www.fluolite.de/produkte/aot-led

AOT Mini
LED DIFFUSER SURFACE-MOUNTED LUMINAIRE

CE ⏚ IK02 IP50
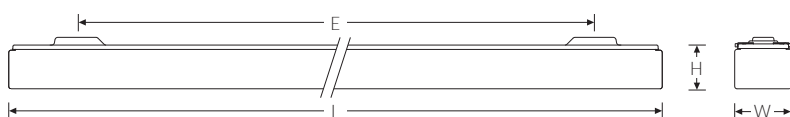
Luminaire housing made of profiled steel, white with plastic end pieces. Angular, smooth opal acrylic diffuser (PMMA). Suitable for ceiling or wall mounting.

❯ Long LED lifetime – 50,000 h for L80/B10
❯ Colour tolerance (initial MacAdam) 3
❯ Foam profile seal

❯ **Luminous efficacy up to 121 Lm/W (eligible for BEG)**

❯ **Sustainable product thanks to replaceable LED module**

❯ **Classic design with clean lines**

❯ **Low-profile design**

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E	Article No.
AOT Mini LED	600	4000	2300	20	50,000 h L80/B10	605	490	7004 2050
	1200	3000	4600	39	50,000 h L80/B10	1205	900	7004 3055
		4000	4700	39	50,000 h L80/B10	1205	900	7004 3050
	1500	4000	6100	52	50,000 h L80/B10	1505	1100	7004 4050

Diffuser and base are packed separately.

AOT Mini LED online:
www.fluolite.de/produkte/aot-mini-led

Euro-Line
LED DIFFUSER SURFACE-MOUNTED LUMINAIRE
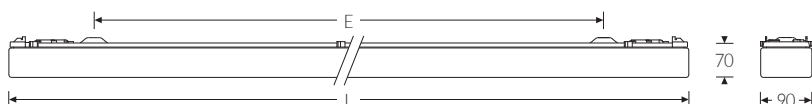
Luminaire housing made of white lacquered steel. Polycarbonate (PC) latch, white. Smooth opal or prismatic acrylic diffuser (PMMA) with bevelled edges. Suitable for ceiling or wall mounting.

❯ Long LED lifetime – 50,000 h for L80/B10
❯ Colour tolerance (initial MacAdam) 3
❯ Foam profile seal
❯ Versatile due to different diffuser designs

❯ **Luminous efficacy up to 132 Lm/W (eligible for BEG)**

❯ **Sustainable product thanks to replaceable LED module**

❯ **Bevelled edges for a timeless design**

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E	Article No.
Euro-Line LED opal	650	4000	2750	25	50,000 h L80/B10	660	460	7010 2160
	1250	3000	4450	35	50,000 h L80/B10	1270	900	7011 2155
		4000	4450	38	50,000 h L80/B10	1270	900	7011 2160
	1550	4000	6250	54	50,000 h L80/B10	1570	1200	7012 2160
Euro-Line LED prismatic	650	4000	3150	25	50,000 h L80/B10	660	460	7010 2170
	1250	4000	5000	38	50,000 h L80/B10	1270	900	7011 2170
	1550	4000	6950	54	50,000 h L80/B10	1570	1200	7012 2170

Diffuser and base are packed separately.

Euro-Line LED online:
www.fluolite.de/produkte/euro-line-led
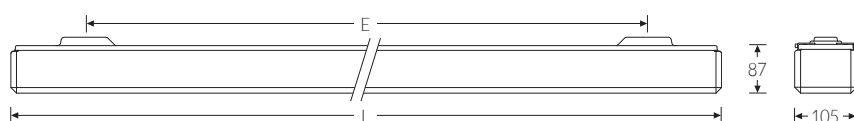
Euro-Line Mini
LED DIFFUSER SURFACE-MOUNTED LUMINAIRE

CE · IK02 · IP50

Luminaire housing made of profiled steel, white with plastic end pieces. Opal acrylic diffuser (PMMA) with bevelled edges. Suitable for ceiling or wall mounting.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Foam profile seal

- **Luminous efficacy up to 121 Lm/W (eligible for BEG)**
- **Sustainable product thanks to replaceable LED module**
- **Low-profile design**
- **Bevelled edges for a timeless design**

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	E	Article No.
Euro-Line Mini LED	600	4000	2300	20	50,000 h L80/B10	615	490	7004 2150
	1200	4000	4700	39	50,000 h L80/B10	1215	900	7004 3150
	1500	4000	6100	52	50,000 h L80/B10	1515	1100	7004 4150

Diffuser and base are packed separately.

E

L

70

90

DeSpl
LED WALL AND CEILING-MOUNTED LUMINAIRE

CE ⏚ IK02 IP44
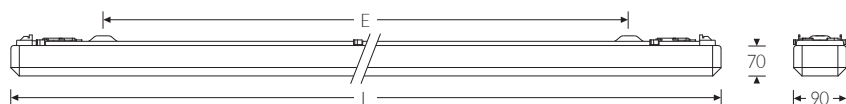
Stylish mirror luminaire with opal, angular cover made of acrylic glass (PMMA). Luminaire housing made of profiled, anodised aluminium with die-cast aluminium protective caps. Suitable for ceiling and wall mounting.
Suitable for bathrooms, changing rooms and sanitary rooms (e.g. as a mirror luminaire) as well as cloakrooms and corridors.

❯ **Luminous efficacy up to 128 Lm/W (eligible for BEG)**

❯ **Homogeneous surface illumination**

❯ **Integrated power supply unit**

❯ **Protection grade IP 44**

Optionally available
❯ Other lengths on request
❯ Round cover
❯ Integrated switch
❯ White or black housing
❯ DALI dimmable

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
DeSpl	600	2700	1900	16	50,000 h L80/B20	600	40	6626 1000
		3000	1900	16	50,000 h L80/B20	600	40	6626 1050 •
		4000	2000	16	50,000 h L80/B20	600	40	6626 1100 •
	1200	2700	3800	32	50,000 h L80/B20	1200	40	6626 1150
		3000	3800	32	50,000 h L80/B20	1200	40	6626 1200 •
		4000	4100	32	50,000 h L80/B20	1200	40	6626 1250 •

• available ex stock

68

L

W

DeSpl online
www.fluolite.de/produkte/despl

Quadra-P
LED LOUVRE CEILING-MOUNTED LUMINAIRE

MADE IN **EU**

CE ⏚ IP20

Sturdy housing made of steel, white. Double parabolic louvres in high-gloss aluminium, reduces glare to provide optimal lighting for workstations with PC monitors – in offices and commercial or social spaces.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Ambient temperature from +10°C to +40°C

- **Simple 1:1 replacement for conventional surface-mounted luminaires**
- **Unified Glare Rating (UGR) < 19**
- **Elegant, low-profile design**

Type	Module	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	E	Article No.
Quadra-P LED	1200 x 300	4000	5100	47	50,000 h L80/B10	1200	300	1000	8803 0050 •
	1500 x 300	4000	6700	60	50,000 h L80/B10	1500	300	1300	8803 0065

• available ex stock

Quadra-P LED online:
www.fluolite.de/produkte/quadra-p-led
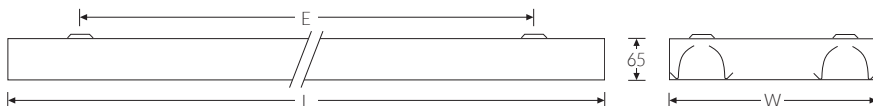
LUX ML Multilumen
LED LOUVRE CEILING-MOUNTED LUMINAIRE

CE | IK02 | IP20

MADE IN EU

Glare-free, energy efficient, easy to install and durable

Sturdy housing made of steel, white, low-profile design. Double parabolic louvre in highly polished aluminium, reduces glare to provide optimal lighting for workstations with PC monitors – in offices and commercial or social spaces. Its high energy efficiency, ease of installation and durability make the LUX LED the perfect solution for new lighting installations and refurbishment projects.

- Uniform light distribution in the room
- Long LED lifetime – 50,000 h for L80/B10
- LUX LED available with DALI

- **New: LUX LED now also with Multilumen function**
- **Unified Glare Rating (UGR) < 19**
- **Luminous efficacy up to 139 Lm/W (eligible for BEG)**
- **Simple 1:1 replacement for conventional surface-mounted luminaires**

LUX LED with Multilumen function

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	E	Article No.
LUX LED ML	1/1200	Basic	3000	4300 / 2400	39 / 18	50,000 h L80/B50	1210	155	900	8486 1385
			4000	4500 / 2500	39 / 18	50,000 h L80/B50	1210	155	900	8486 1370 •
	2/1200	Basic	4000	4800 / 2900	39 / 21	50,000 h L80/B50	1210	155	900	8486 4000 •
	1/1500	Basic	3000	5800 / 2900	50 / 24	50,000 h L80/B50	1510	155	1200	8486 1590
			4000	6000 / 3000	50 / 24	50,000 h L80/B50	1510	155	1200	8486 1575 •
	2/1500	Basic	4000	7000 / 4400	58 / 33	50,000 h L80/B50	1510	155	1200	8486 4500 •

• available ex stock

Multilumen technology

The luminaire can be operated at different light intensities.

Eligible for BEG

The perfect solution for new installations and refurbishment projects.

LUX LED online:
www.fluolite.de/produkte/lux-led

LUX
LED LOUVRE CEILING-MOUNTED LUMINAIRE

CE ⏚ IK02 IP20

LUX LED

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	W	E	Article No.
LUX LED	1/1200	Basic	4000	2300	19	50,000 h	L80/B10	1210	155	900	8486 1250 •
		DALI	4000	2300	19	50,000 h	L80/B10	1210	155	900	8486 1265
	2/1200	Basic	4000	4500	37	50,000 h	L80/B10	1210	240	900	8486 1255 •
		DALI	4000	4500	37	50,000 h	L80/B10	1210	240	900	8486 1275
	1/1500	Basic	4000	3400	30	50,000 h	L80/B10	1510	155	1200	8486 1550 •
		DALI	4000	3400	30	50,000 h	L80/B10	1510	155	1200	8486 1545
	2/1500	Basic	4000	7200	58	50,000 h	L80/B10	1510	240	1200	8486 1555 •
		DALI	4000	7200	58	50,000 h	L80/B10	1510	240	1200	8486 1565

• available ex stock
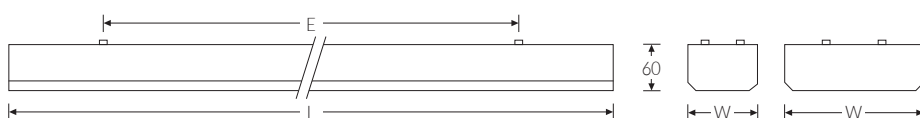
Technical lighting data
and light distribution graphs

The current Fluolite luminaire data is available on our website
in Eulumdat format (*.LDT) and is included in the lighting design
software from the company Relux.

RELUX®

Wall and ceiling luminaires

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<table>
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MULTILUMEN
RKF   40 – 41</td>
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MULTILUMEN
RKF-Z   42 – 43</td>
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MULTILUMEN
RKL-Z   50 – 51</td>
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Quadro-Lite   56</td>
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Our product range stands out thanks to its diversity. Our range of luminaires with modern designs and extremely homogeneous surface illumination also includes numerous variants equipped with cutting-edge technologies. The flexible nature of this luminaire series is underlined by its countless areas of use: living areas, stairwells, corridors, retirement and care centres, canteens, shops and shopping centres, etc.

RKF | RKF ML Multilumen

LED WALL AND CEILING LUMINAIRE

MADE IN GERMANY

CE ⏚ IK02 IP40

- **Sustainable product thanks to replaceable LED module**
- **Luminous efficacy up to 132 Lm/W (eligible for BEG)**
- **Loop-through possible (2 cable entries)**
- **Practical bayonet closure**
- **AC/DC capable (RKF 4 ML)**

IMPROVED TECHNOLOGY

BRIGHTER up to 4700 lumens
FLATTER by up to 24 % compared to the RKL
STYLISHLY understated design language

Luminaire housing made of powder-coated steel, white. Domed diffuser made of opal, UV-resistant PMMA. Plug terminal. Suitable for wall and ceiling mounting or suspended mounting via 3-point cable suspension.

- LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3

RKF 2

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF 2	Basic	3000	1800	15	50,000 h L80/B10	290	85	7610 3345 •
		4000	1900	15	50,000 h L80/B10	290	85	7610 3445 •
	HF sensor (Master/Slave)	3000	1800	15	50,000 h L80/B10	290	85	7610 3343 •
		4000	1900	15	50,000 h L80/B10	290	85	7610 3443 •
	DALI	3000	1800	15	50,000 h L80/B10	290	85	7610 3347
		4000	1900	15	50,000 h L80/B10	290	85	7610 3447

• available ex stock

RKF 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF 3	Basic	3000	2500	21	50,000 h L80/B10	360	95	7611 3348 •
		4000	2700	21	50,000 h L80/B10	360	95	7611 3445 •
	HF sensor (Master/Slave)	3000	2500	21	50,000 h L80/B10	360	95	7611 3345 •
		4000	2700	21	50,000 h L80/B10	360	95	7611 3448 •
	DALI	3000	2300	19	50,000 h L80/B10	360	95	7611 3347
		4000	2500	19	50,000 h L80/B10	360	95	7611 3447

• available ex stock

RKF 4

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF 4	DALI	3000	4100	38	50,000 h L80/B10	464	120	7612 3448
		4000	4400	38	50,000 h L80/B10	464	120	7612 3449

NEW RKF 4 with Multilumen function

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF 4 ML	Basic	3000	4400 / 3400	39 / 29	50,000 h L80/B10	464	120	7612 3347 •
		4000	4700 / 3700	39 / 29	50,000 h L80/B10	464	120	7612 3447 •
	HF sensor (Master / Slave)	3000	4400 / 3400	39 / 29	50,000 h L80/B10	464	120	7612 3345
		4000	4700 / 3700	39 / 29	50,000 h L80/B10	464	120	7612 3445 •

• available ex stock
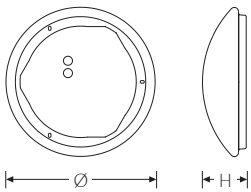
RKF 2 | Ø 290 mm   RKF 3 | Ø 360 mm   RKF 4 | Ø 464 mm

Multilumen technology
The luminaire can be operated at different light intensities.

Eligible for BEG
The perfect solution for new installations and refurbishment projects.

Accessories / Installation components

3-point cable suspension, suitable for RKF and RKF-Z 2, 3, 4 (cable length: approx. 2.20 metres, can be shortened as required).

Type	Article No.
Cable suspension RKF / RKF-Z 2, 3, 4	3597 4070

Matching deco-rings see page 49

RKF online:
www.fluolite.de/produkte/rkf-led

RKF-Z | RKF-Z ML Multilumen
LED WALL AND CEILING LUMINAIRE

MADE IN GERMANY

CE ⏚ IK02 IP40

IMPROVED TECHNOLOGY

BRIGHTER up to 4900 lumens
FLATTER by more than 17 % compared to the RKL-Z
STYLISHLY understated design language

Luminaire housing made of powder-coated steel, white.
Flat cylindrical diffuser made of opal, UV-resistant PMMA.
Plug terminal. Suitable for wall and ceiling mounting or
suspended mounting via 3-point cable suspension.

- Sustainable product thanks to replaceable LED module
- Luminous efficacy up to 137 Lm/W (eligible for BEG)
- Loop-through possible (2 cable entries)
- Practical bayonet closure
- AC/DC capable (RKF-Z 4 ML)

❱ LED lifetime – 50,000 h for L80/B10
❱ Colour tolerance (initial MacAdam) 3

RKF-Z 2

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF-Z 2	Basic	3000	1900	15	50,000 h L80/B10	290	70	7615 3345 •
		4000	2000	15	50,000 h L80/B10	290	70	7615 3445 •
	DALI	3000	1900	15	50,000 h L80/B10	290	70	7615 3347
		4000	2000	15	50,000 h L80/B10	290	70	7615 3447

• available ex stock

RKF-Z 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF-Z 3	Basic	3000	2600	21	50,000 h L80/B10	360	70	7616 3345 •
		4000	2800	21	50,000 h L80/B10	360	70	7616 3445 •
	DALI	3000	2400	19	50,000 h L80/B10	360	70	7616 3347
		4000	2600	19	50,000 h L80/B10	360	70	7616 3447

• available ex stock

RKF-Z 4

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF-Z 4	DALI	3000	4300	38	50,000 h L80/B10	464	70	7617 3448
		4000	4600	38	50,000 h L80/B10	464	70	7617 3449

NEW RKF-Z 4 with Multilumen function

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKF-Z 4 ML	Basic	3000	4600 / 3600	39 / 29	50,000 h L80/B10	464	70	7617 3347 •
		4000	4900 / 3900	39 / 29	50,000 h L80/B10	464	70	7617 3445 •

• available ex stock
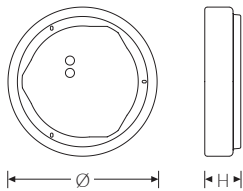
RKF-Z 2 | Ø 290 mm

RKF-Z 3 | Ø 360 mm

RKF-Z 4 | Ø 464 mm

Multilumen technology
The luminaire can be operated at different light intensities.

Eligible for BEG
The perfect solution for new installations and refurbishment projects.

Increased flexibility thanks to our modular design concept

During development, our goal was to use as many common components as possible throughout this family of luminaires. Thanks to the practical standardised bayonet closure, the RKF(-Z) diffuser can be changed quickly and easily – even when mounted.

Diffuser RKF

Diffuser RKF-Z

Luminaire housing

Matching deco-rings see page 49
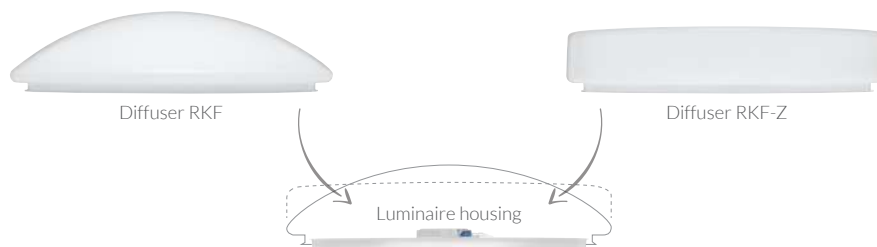
RKF-Z online:
www.fluolite.de/produkte/rkfz-led

STYLISH SHADES
FOR WALL AND CEILING LUMINAIRES

Enhance your interior design with our new, stylishly modern shades for our RKF luminaire range. Discover our collection, choose from different materials, colours and sizes – all made in Germany.

As an aesthetic highlight, we can also implement custom requirements and create a shade that is perfectly adapted to your needs. For a unique lighting concept of the highest quality – from Fluolite.

Diverse materials and numerous designs

Our carefully selected materials and colours offer a multitude of possible uses. Choose from various material and colour combinations for additional flexibility.

Our team will be happy to assist you with the selection and design of your shade.

Tool-free installation

The shade's retaining ring is simply installed on the lower part of the luminaire.

The diffuser is then fixed in place using the bayonet closure. Finished!

Colour overview: Chintz

Fine cotton fabric in silky matt colours | **> 30 colours available on request.**

	suitable for RKF 2 (shade Ø x H) 400 x 140	suitable for RKF 3 (shade Ø x H) 460 x 160	suitable for RKF 4 (shade Ø x H) 580 x 190
Chintz White	Art. No. 3605 6000	Art. No. 3605 6010	Art. No. 3605 6020
Chintz Blue	Art. No. 3605 6001	Art. No. 3605 6011	Art. No. 3605 6021
Chintz Green	Art. No. 3605 6002	Art. No. 3605 6012	Art. No. 3605 6022
Chintz Beige	Art. No. 3605 6003	Art. No. 3605 6013	Art. No. 3605 6023
Chintz Pink	Art. No. 3605 6004	Art. No. 3605 6014	Art. No. 3605 6024
Chintz Silver-Grey	Art. No. 3605 6005	Art. No. 3605 6015	Art. No. 3605 6025
Chintz Meringue	Art. No. 3605 6006	Art. No. 3605 6016	Art. No. 3605 6026

Colour overview: Linen

Robust faux-linen fabric | **> 20 colours available on request.**

White Linen Pink Linen Green Linen Dark Purple Linen Brown Linen Grey Linen
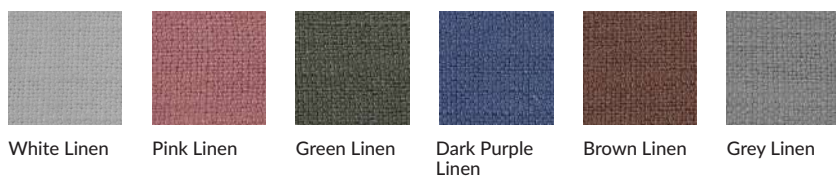
Colour overview: Foil

Shade with a metallic foil finish.

Gold Foil Silver Foil

Colour overview: Gold/Silver Leaf, transparent

Genuine gold/silver leaf laid on transparent foil and varnished for protection.

Gold leaf transparent Silver Leaf, transparent

ⓘ Shade material that complies with fire protection class B1 is optionally available.

RKL | RKL ML Multilumen
LED WALL AND CEILING LUMINAIRE

CE ⏚ IK 02 IP 40

MADE IN GERMANY

IMPROVED TECHNOLOGY

Unobtrusive design in numerous variants

Luminaire housing made of steel, white. Domed diffuser made of textured acrylic (PMMA), translucent opal. Suitable for wall and ceiling mounting. The diffuser is securely attached using spring clips. Plug terminal.

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Versions with HF sensor, DALI or 3-hour emergency lighting or AC/DC available

- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Luminous efficacy up to 142 Lm/W (eligible for BEG)**
- ❯ **Loop-through possible (2 cable entries)**
- ❯ **AC/DC capable (RKL 4 ML)**
- ❯ **Diffuser optionally available in UV-resistant PMMA or high-impact PC to IK 06**

RKL 2

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 2 LED (PMMA)	Basic	3000	1800	15	50,000 h L80/B10	300	105	7510 1706 •
		4000	1900	15	50,000 h L80/B10	300	105	7510 1713 •
	HF sensor (Master/Slave)	3000	1800	15	50,000 h L80/B10	300	105	7510 1611 •
		4000	1900	15	50,000 h L80/B10	300	105	7510 1616 •
	DALI	3000	1800	15	50,000 h L80/B10	300	105	7510 1711
		4000	1900	15	50,000 h L80/B10	300	105	7510 1709
	AC/DC	3000	1800	15	50,000 h L80/B10	300	105	7510 1650
		4000	1900	15	50,000 h L80/B10	300	105	7510 1655
RKL 2 LED (PC / IK 06)	Basic	3000	1800	15	50,000 h L80/B10	300	105	7510 1708
		4000	1900	15	50,000 h L80/B10	300	105	7510 1716 •

• available ex stock

RKL 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 3 LED (PMMA)	Basic	3000	1500	12	50,000 h L80/B10	375	125	7511 1706 •
		4000	1700	12	50,000 h L80/B10	375	125	7511 1713 •
		3000	2600	21	50,000 h L80/B10	375	125	7511 1651 •
		4000	2800	21	50,000 h L80/B10	375	125	7511 1657 •
	HF sensor (Master/Slave)	3000	1500	12	50,000 h L80/B10	375	125	7511 1606 •
		4000	1700	12	50,000 h L80/B10	375	125	7511 1616 •
		3000	2600	21	50,000 h L80/B10	375	125	7511 1740
		4000	2800	21	50,000 h L80/B10	375	125	7511 1745 •
	DALI	3000	2300	19	50,000 h L80/B10	375	125	7511 1603
		4000	2500	19	50,000 h L80/B10	375	125	7511 1613

• available ex stock

RKL 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 3 LED (PMMA)	3h emergency lighting	3000	1500	12	50,000 h L80/B10	375	125	7511 1621
		4000	1700	12	50,000 h L80/B10	375	125	7511 1626
		3000	2600	21	50,000 h L80/B10	375	125	7511 1760
		4000	2800	21	50,000 h L80/B10	375	125	7511 1765
	AC/DC	3000	1500	12	50,000 h L80/B10	375	125	7511 1709
		4000	1700	12	50,000 h L80/B10	375	125	7511 1710
		3000	2600	21	50,000 h L80/B10	375	125	7511 1750
		4000	2800	21	50,000 h L80/B10	375	125	7511 1755
RKL 3 LED (PC / IK 06)	Basic	3000	1500	12	50,000 h L80/B10	375	125	7511 1707
		4000	1700	12	50,000 h L80/B10	375	125	7511 1719 •
		3000	2600	21	50,000 h L80/B10	375	125	7511 1738
		4000	2800	21	50,000 h L80/B10	375	125	7511 1735

• available ex stock

RKL 4

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 4 LED (PMMA)	Basic	3000	2100	18	50,000 h L80/B10	475	150	7512 1622 •
		4000	2200	18	50,000 h L80/B10	475	150	7512 1624 •
	HF sensor (Master/Slave)	3000	2100	18	50,000 h L80/B10	475	150	7512 1623 •
		4000	2200	18	50,000 h L80/B10	475	150	7512 1621 •
	DALI	3000	2100	18	50,000 h L80/B10	475	150	7512 1611
		4000	2200	18	50,000 h L80/B10	475	150	7512 1625
		3000	4500	37	50,000 h L80/B10	475	150	7512 4275
		4000	4800	37	50,000 h L80/B10	475	150	7512 4272
	3h emergency lighting	3000	2100	18	50,000 h L80/B10	475	150	7512 1627
		4000	2200	18	50,000 h L80/B10	475	150	7512 1628
	AC/DC	3000	2100	18	50,000 h L80/B10	475	150	7512 1618
		4000	2200	18	50,000 h L80/B10	475	150	7512 1619
RKL 4 LED (PC / IK 06)	Basic	3000	2100	18	50,000 h L80/B10	475	150	7512 1650
		4000	2200	18	50,000 h L80/B10	475	150	7512 1651

• available ex stock

NEW RKL 4 with Multilumen function

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 4 LED ML (PMMA)	Basic	3000	4900 / 3700	39 / 29	50,000 h L80/B10	475	150	7512 4263 •
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	475	150	7512 4261 •
	HF sensor (Master/Slave)	3000	4900 / 3700	39 / 29	50,000 h L80/B10	475	150	7512 4279 •
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	475	150	7512 4277 •
	3h emergency lighting	3000	4900 / 3700	39 / 29	50,000 h L80/B10	475	150	7512 4283
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	475	150	7512 4281
RKL 4 LED ML (PC / IK 06)	Basic	3000	4900 / 3700	39 / 29	50,000 h L80/B10	475	150	7512 4269
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	475	150	7512 4266

• available ex stock

RKL 6

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 6 LED (PMMA)	Basic	3000	3600	30	50,000 h L80/B10	600	165	7513 1642 •
		4000	3700	30	50,000 h L80/B10	600	165	7513 1652 •
		3000	5100	45	50,000 h L80/B10	600	165	7513 1687 •
		4000	5300	45	50,000 h L80/B10	600	165	7513 1671 •
		3000	7500	63	50,000 h L80/B10	600	165	7513 1690 •
		4000	7700	63	50,000 h L70/B10	600	165	7513 1691 •
	HF sensor (Master/Slave)	3000	3400	30	50,000 h L80/B10	600	165	7513 1645
		4000	3600	30	50,000 h L80/B10	600	165	7513 1646
		3000	5100	45	50,000 h L80/B10	600	165	7513 1688
		4000	5300	45	50,000 h L80/B10	600	165	7513 1680
		3000	7400	63	50,000 h L80/B10	600	165	7513 1697
		4000	7700	63	50,000 h L80/B10	600	165	7513 1698
	DALI	3000	3500	30	50,000 h L80/B10	600	165	7513 1649
		4000	3700	30	50,000 h L80/B10	600	165	7513 1648
		3000	5100	45	50,000 h L80/B10	600	165	7513 1689
		4000	5300	45	50,000 h L80/B10	600	165	7513 1676
		3000	7500	63	50,000 h L70/B10	600	165	7513 1694
		4000	7700	63	50,000 h L70/B10	600	165	7513 1699
	3h emergency lighting	3000	5100	47	50,000 h L70/B10	600	165	7513 1686
		4000	5200	47	50,000 h L80/B10	600	165	7513 1685
RKL 6 LED (PC / IK 06)	Basic	3000	3600	30	50,000 h L80/B10	600	165	7513 1715
		3000	5100	45	50,000 h L70/B10	600	165	7513 1720
		4000	5300	45	50,000 h L80/B10	600	165	7513 1725 •

• available ex stock

RKL   RKL-Z

Ø   H   H
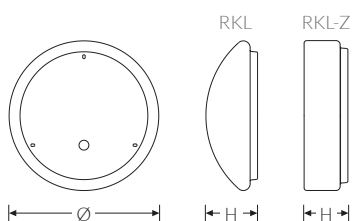
RKL 2 LED | Ø 300 mm   RKL 3 LED | Ø 375 mm   RKL 4 LED | Ø 475 mm   RKL 6 LED | Ø 600 mm

RKL LED online:
www.fluolite.de/produkte/rkl-led

RKL 4 MC Multicolor
LED WALL AND CEILING LUMINAIRE

MADE IN GERMANY

CE ⏚ IK02 IP40

Switchable
Colour temperature 2700 K | 4400 K | 6500 K

The RKL 4 MC allows you to change the colour temperature by rewiring. Depending on the area and application, the luminaire can be set to warm white (2700 K), neutral white (4400 K) or daylight white (6500 K).

Luminaire housing made of steel, white. Domed diffuser made of textured acrylic (PMMA), translucent opal.

❯ **Variable colour temperature**

❯ **Major advantage – only one luminaire type is required for different light colours and applications**

❯ **Optionally available with DALI**

❯ Colour tolerance (initial MacAdam) 3
❯ RKL 4 HCL optionally available (control of luminous flux and colour temperature possible)

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL 4 MC LED	Basic	2700	2600	36	50,000 h L70/B50	475	150	7521 4300
		4400	3200					
		6500	3000					
	DALI	2700	2600	36	50,000 h L70/B50	475	150	7521 4350
		4400	3200					
		6500	3000					

Accessories

Material: metal, available in white and silver-grey. Compatible with RKL LED / RKL MC / RKL-Z LED / RKL-Aqua LED / RKF / RKF-Z.

Deco-ring Colour: white	Article No.
RKL 2	3605 5225 •
RKL 3	3605 5235 •
RKL 4	3605 5245 •
RKL 6	3605 5255

• available ex stock

Deco-ring Colour: silver-grey	Article No.
RKL 2	3605 5228 •
RKL 3	3605 5238 •
RKL 4	3605 5248 •
RKL 6	3605 5258

• available ex stock

RKL 4 MC LED online:
www.fluolite.de/produkte/rkl-led

RKL-Z | RKL-Z ML Multilumen
LED WALL AND CEILING LUMINAIRE

MADE IN GERMANY

CE ⏚ IK 02 IP 40

IMPROVED TECHNOLOGY

Luminaire housing made of steel, white. Flat cylindrical diffuser made of opal, UV-resistant PMMA. Suitable for wall and ceiling mounting. The diffuser is securely attached using spring clips. Plug terminal.

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Loop-through possible (2 cable entries)
- ❯ Versions with HF sensor, DALI or 3-hour emergency lighting or AC/DC available
- ❯ Diffuser optionally available in UV-resistant PMMA or high-impact PC to IK 06

- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Luminous efficacy up to 142 Lm/W (eligible for BEG)**
- ❯ **AC/DC capable (RKL-Z 4 ML + RKL-Z 6 ML)**

RKL-Z 2

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 2 LED (PMMA)	Basic	3000	1800	15	50,000 h L80/B10	300	85	7515 1511 •
		4000	1900	15	50,000 h L80/B10	300	85	7515 1551 •
	HF sensor (Master/Slave)	3000	1800	15	50,000 h L80/B10	300	85	7515 1516 •
		4000	1900	15	50,000 h L80/B10	300	85	7515 1521 •
	DALI	3000	1800	15	50,000 h L80/B10	300	85	7515 1506
		4000	1900	15	50,000 h L80/B10	300	85	7515 1512
	AC/DC	3000	1800	15	50,000 h L80/B10	300	85	7515 1560
		4000	1900	15	50,000 h L80/B10	300	85	7515 1565
RKL-Z 2 LED (PC / IK 06)	Basic	3000	1800	15	50,000 h L80/B10	300	85	7515 1600
		4000	1900	15	50,000 h L80/B10	300	85	7515 1610

• available ex stock

RKL-Z 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 3 LED (PMMA)	Basic	3000	1500	12	50,000 h L80/B10	370	85	7516 1512 •
		4000	1700	12	50,000 h L80/B10	370	85	7516 1509 •
		3000	2600	21	50,000 h L80/B10	370	85	7516 1521
		4000	2800	21	50,000 h L80/B10	370	85	7516 1515
	HF sensor (Master/Slave)	3000	1500	12	50,000 h L80/B10	370	85	7516 1513 •
		4000	1700	12	50,000 h L80/B10	370	85	7516 1514 •
		3000	2600	21	50,000 h L80/B10	370	85	7516 1660
		4000	2800	21	50,000 h L80/B10	370	85	7516 1665
	DALI	3000	2300	19	50,000 h L80/B10	370	85	7516 1527
		4000	2500	19	50,000 h L80/B10	370	85	7516 1525
	3h emergency lighting	3000	1500	12	50,000 h L80/B10	370	85	7516 1600
		4000	1700	12	50,000 h L80/B10	370	85	7516 1610
		3000	2600	21	50,000 h L80/B10	370	85	7516 1680
		4000	2800	21	50,000 h L80/B10	370	85	7516 1685

• available ex stock

RKL-Z 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 3 LED (PMMA)	AC/DC	3000	1500	12	50,000 h L80/B10	370	85	7516 1523
		4000	1700	12	50,000 h L80/B10	370	85	7516 1524
		3000	2600	21	50,000 h L80/B10	370	85	7516 1670
		4000	2800	21	50,000 h L80/B10	370	85	7516 1675
RKL-Z 3 LED (PC / IK 06)	Basic	3000	1500	12	50,000 h L80/B10	370	85	7516 1550
		4000	1700	12	50,000 h L80/B10	370	85	7516 1555
		3000	2600	21	50,000 h L80/B10	370	85	7516 1650
		4000	2800	21	50,000 h L80/B10	370	85	7516 1655

RKL-Z 4

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 4 LED (PMMA)	Basic	3000	2100	17	50,000 h L80/B10	460	95	7517 1622 •
		4000	2200	17	50,000 h L80/B10	460	95	7517 1623 •
	HF sensor (Master/Slave)	3000	2100	17	50,000 h L80/B10	460	95	7517 1612 •
		4000	2200	17	50,000 h L80/B10	460	95	7517 1613 •
	DALI	3000	2100	17	50,000 h L80/B10	460	95	7517 1616
		4000	2200	17	50,000 h L80/B10	460	95	7517 1617
		3000	4500	37	50,000 h L80/B10	460	95	7517 1629
		4000	4800	37	50,000 h L80/B10	460	95	7517 1652
	3h emergency lighting	3000	2100	17	50,000 h L80/B10	460	95	7517 1620 •
		4000	2200	17	50,000 h L80/B10	460	95	7517 1618

• available ex stock

NEW RKL-Z 4 with Multilumen function

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 4 LED ML (PMMA)	Basic	3000	4900 / 3700	39 / 29	50,000 h L80/B10	460	95	7517 1628 •
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	460	95	7517 1651 •
	HF sensor (Master/Slave)	3000	4900 / 3700	39 / 29	50,000 h L80/B10	460	95	7517 1656 •
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	460	95	7517 1653 •
	3h emergency lighting	3000	4900 / 3700	39 / 29	50,000 h L80/B10	460	95	7517 1658
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	460	95	7517 1657
RKL-Z 4 LED ML (PC / IK 06)	Basic	3000	4900 / 3700	39 / 29	50,000 h L80/B10	460	95	7517 1700
		4000	5200 / 4000	39 / 29	50,000 h L80/B10	460	95	7517 1710

• available ex stock

NEW RKL-Z 6 with Multilumen function

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Z 6 LED ML (PMMA)	Basic	3000	10400 / 8200	80 / 63	50,000 h L80/B10	580	110	7517 5000 •
		4000	10900 / 8700	80 / 63	50,000 h L80/B10	580	110	7517 5010 •
	HF sensor (Master/Slave)	3000	10400 / 8200	80 / 63	50,000 h L80/B10	580	110	7517 5020
		4000	10900 / 8700	80 / 63	50,000 h L80/B10	580	110	7517 5030
	3h emergency lighting	3000	10400 / 8200	80 / 63	50,000 h L80/B10	580	110	7517 5060
		4000	10900 / 8700	80 / 63	50,000 h L80/B10	580	110	7517 5070

RKL-Z 6 is optionally available with DALI

• available ex stock

RKL-Z LED online:
www.fluolite.de/produkte/rklz-led

RKL-Aqua
LED WALL AND CEILING LUMINAIRE

CE ⏚ IK02 IP65

- **High protection grade: IP 65**
- **Sustainable product thanks to replaceable LED module**
- **Luminous efficacy up to 125 Lm/W (eligible for BEG)**
- **Diffuser optionally available in UV-resistant PMMA or high-impact PC to IK 06**
- **Versions with HF sensor, DALI or 3-hour emergency lighting available**

Compact surface-mounted luminaire with high protection grade (IP 65), suitable for installation in humid environments. White luminaire housing made of polycarbonate (PC) with pressure compensation plug and two cable entries. Domed diffuser made of textured acrylic (PMMA), translucent opal. Secure and sturdy diffuser attachment thanks to internal closure device. Approved for use indoors or in covered outdoor areas.

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Aqua 2 LED (PMMA)	Basic	3000	1400	12	50,000 h L80/B10	300	115	7518 1705 •
		4000	1500	12	50,000 h L80/B10	300	115	7518 1710 •
	HF sensor (Master/Slave)	3000	1400	12	50,000 h L80/B10	300	115	7518 1715 •
		4000	1500	12	50,000 h L80/B10	300	115	7518 1720 •
	DALI	3000	1400	12	50,000 h L80/B10	300	115	7518 1726
		4000	1500	12	50,000 h L80/B10	300	115	7518 1727
RKL-Aqua 2 LED (PC / IK 06)	Basic	3000	1400	12	50,000 h L80/B10	300	115	7518 1730
		4000	1500	12	50,000 h L80/B10	300	115	7518 1740

• available ex stock

Matching deco-rings see page 49
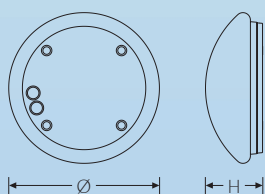
RKL-Aqua 2 LED | Ø 300 mm   RKL-Aqua 3 LED | Ø 375 mm   RKL-Aqua 4 LED | Ø 475 mm

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	Article No.
RKL-Aqua 3 LED (PMMA)	Basic	3000	1400	12	50,000 h L80/B10	375	135	7519 1705 •
		4000	1500	12	50,000 h L80/B10	375	135	7519 1710 •
	HF sensor (Master/Slave)	3000	1400	12	50,000 h L80/B10	375	135	7519 1707
		4000	1500	12	50,000 h L80/B10	375	135	7519 1708
	DALI	3000	1400	12	50,000 h L80/B10	375	135	7519 1713
		4000	1500	12	50,000 h L80/B10	375	135	7519 1714
	3h emergency lighting	3000	1400	14	50,000 h L80/B10	375	135	7519 1720
		4000	1500	14	50,000 h L80/B10	375	135	7519 1730
RKL-Aqua 3 LED (PC / IK 06)	Basic	3000	1400	12	50,000 h L80/B10	375	135	7519 1940
		4000	1500	12	50,000 h L80/B10	375	135	7519 1941
RKL-Aqua 4 LED (PMMA)	Basic	3000	2100	18	50,000 h L80/B10	475	160	7520 1805 •
		4000	2200	18	50,000 h L80/B10	475	160	7520 1810 •
		3000	3500	30	50,000 h L80/B10	475	160	7520 1905
		4000	3700	30	50,000 h L80/B10	475	160	7520 1930 •
	HF sensor (Master/Slave)	3000	2100	18	50,000 h L80/B10	475	160	7520 1815
		4000	2200	18	50,000 h L80/B10	475	160	7520 1820 •
		3000	3500	30	50,000 h L80/B10	475	160	7520 1931
		4000	3700	30	50,000 h L80/B10	475	160	7520 1932 •
	DALI	3000	2100	18	50,000 h L80/B10	475	160	7520 1823
		4000	2200	18	50,000 h L80/B10	475	160	7520 1824
		3000	3500	30	50,000 h L80/B10	475	160	7520 1933
		4000	3700	30	50,000 h L80/B10	475	160	7520 1934
RKL-Aqua 4 LED (PC / IK 06)	Basic	3000	2100	18	50,000 h L80/B10	475	160	7520 1708
		4000	2200	18	50,000 h L80/B10	475	160	7520 1710
		3000	3500	30	50,000 h L80/B10	475	160	7520 1940 •
		4000	3700	30	50,000 h L80/B10	475	160	7520 1715

• available ex stock

RKL-Aqua LED online:
www.fluolite.de/produkte/rkl-aqua-led

All RKL luminaires at a glance

Matrix of available RKL luminaire types and versions

	RKL 2 LED		RKL 3 LED				RKL 4 LED	
Colour temperature (Kelvin)	3000 K	4000 K	3000 K		4000 K		3000 K	
Luminous flux (lumens ± 100)	≥ 1800 Lm	≥ 1900 Lm	≥ 1500 Lm	≥ 2600 Lm	≥ 1700 Lm	≥ 2800 Lm	≥ 2100 Lm	≥ 4500 Lm
System power (watts)	15 W	15 W	12 W	21 W	12 W	21 W	18 W	37 W
Basic (On/Off)	7510 1706	7510 1713	7511 1706	7511 1651	7511 1713	7511 1657	7512 1622	
HF sensor (Master/Slave capable)	7510 1611	7510 1616	7511 1606	7511 1740	7511 1616	7511 1745	7512 1623	
DALI	7510 1711	7510 1709		7511 1603		7511 1613	7512 1611	7512 4275
Emergency lighting (Basic: 3 hours)			7511 1621	7511 1760	7511 1626	7511 1765	7512 1627	
AC/DC capable	7510 1650	7510 1655	7511 1709	7511 1750	7511 1710	7511 1755	7512 1618	
PC diffuser (Basic On/Off)	7510 1708	7510 1716	7511 1707	7511 1738	7511 1719	7511 1735	7512 1650	

	RKL-Z 2 LED		RKL-Z 3 LED				RKL-Z 4 LED			
Colour temperature (Kelvin)	3000 K	4000 K	3000 K		4000 K		3000 K		4000 K	
Luminous flux (lumens ± 100)	≥ 1800 Lm	≥ 1900 Lm	≥ 1500 Lm	≥ 2600 Lm	≥ 1700 Lm	≥ 2800 Lm	≥ 2100 Lm	≥ 4500 Lm	≥ 2200 Lm	≥ 4800 Lm
System power (watts)	15 W	15 W	12 W	21 W	12 W	21 W	17 W	37 W	17 W	37 W
Basic (On/Off)	7515 1511	7515 1551	7516 1512	7516 1521	7516 1509	7516 1515	7517 1622		7517 1623	
HF sensor (Master/Slave capable)	7515 1516	7515 1521	7516 1513	7516 1660	7516 1514	7516 1665	7517 1612		7517 1613	
DALI	7515 1506	7515 1512		7516 1527		7516 1525	7517 1616	7517 1629	7517 1617	7517 1652
Emergency lighting (Basic: 3 hours)			7516 1600	7516 1680	7516 1610	7516 1685	7517 1620		7517 1618	
AC/DC capable	7515 1560	7515 1565	7516 1523	7516 1670	7516 1524	7516 1675				
PC diffuser (Basic On/Off)	7515 1600	7515 1610	7516 1550	7516 1650	7516 1555	7516 1655				

FLUOLITE

	RKL 4 LED ML			RKL 6 LED					
4000 K		3000 K	4000 K	3000 K			4000 K		
≥ 2200 Lm	≥ 4800 Lm	≥ 4900 / 3700	≥ 5200 / 4000	≥ 3600 Lm	≥ 5100 Lm	≥ 7500 Lm	≥ 3700 Lm	≥ 5300 Lm	≥ 7700 Lm
18 W	37 W	39 / 29 W	39 / 29 W	30 W	45 W	63 W	30 W	45 W	63 W
7512 1624		7512 4263	7512 4261	7513 1642	7513 1687	7513 1690	7513 1652	7513 1671	7513 1691
7512 1621		7512 4279	7512 4277	7513 1645	7513 1688	7513 1697	7513 1646	7513 1680	7513 1698
7512 1625	7512 4272			7513 1649	7513 1689	7513 1694	7513 1648	7513 1676	7513 1699
7512 1628		7512 4283	7512 4281		7513 1686			7513 1685	
7512 1619		7512 4263	7512 4261						
75121651		7512 4269	7512 4266	7513 1715	7513 1720			7513 1725	

RKL-Z 4 LED ML		RKL-Z 6 LED ML		RKL Aqua 2 LED		RKL Aqua 3 LED		RKL Aqua 4 LED			
3000 K	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K	4000 K	3000 K		4000 K	
≥ 4900 / 3700	≥ 5200 / 4000	≥ 10400 / 8200	≥ 10900 / 8700	≥ 1400 Lm	≥ 1500 Lm	≥ 1400 Lm	≥ 1500 Lm	≥ 2100 Lm	≥ 3500 Lm	≥ 2200 Lm	≥ 3700 Lm
39 / 29 W	39 / 29 W	80 / 63 W	80 / 63 W	12 W	12 W	12 W	12 W	18 W	30 W	18 W	30 W
7517 1628	7517 1651	7517 5000	7517 5010	7518 1705	7518 1710	7519 1705	7519 1710	7520 1805	7520 1905	7520 1810	7520 1930
7517 1656	7517 1653	7517 5020	7517 5030	7518 1715	7518 1720	7519 1707	7519 1708	7520 1815	7520 1931	7520 1820	7520 1932
				7518 1726	7518 1727	7519 1713	7519 1714	7520 1823	7520 1933	7520 1824	7520 1934
7517 1658	7517 1657	7517 5060	7517 5070			7519 1720	7519 1730				
7517 1628	7517 1651	7517 5000	7517 5010								
7517 1700	7517 1710			7518 1730	7518 1740	7519 1940	7519 1941	7520 1708	7520 1940	7520 1710	7520 1715

Quadro-Lite
LED WALL AND CEILING LUMINAIRE

MADE IN GERMANY

CE ⏚ IK02 IP65

Compact universal surface-mounted luminaire with high protection grade (IP 65), suitable for installation in humid environments.

White luminaire housing made of polycarbonate (PC), flame retardant. Opal PMMA diffuser. Attractive design for use indoors or in covered outdoor areas.

- Luminous efficacy up to 122 Lm/W (eligible for BEG)
- Long LED lifetime – 50,000 h for L90/B10
- Colour tolerance (initial MacAdam) 3
- Ambient temperature from –30°C to +35°C
- Non-ageing rubber profile (EPDM)

- **High protection grade: IP 65**
- **Sustainable product thanks to replaceable LED module**
- **Versions available as a house-number light with twilight switch**
- **AC/DC capable**

Type		Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	H	Article No.
Quadro-Lite LED	1 x 6	3000	500	7	50,000 h L70/B50	200	200	60	6581 4810 •
		4000	500	7	50,000 h L70/B50	200	200	60	6581 4812 •
	1 x 12	3000	1100	9	50,000 h L90/B10	300	300	90	6581 5110 •
		4000	1100	9	50,000 h L90/B10	300	300	90	6581 5112 •

Versions available as a house-number light with integrated twilight switch (TS)

Quadro-Lite LED with TS	1 x 6	4000	500	6	50,000 h L70/B50	200	200	60	6581 4850 •

(Numbers are <u>not</u> included in the scope of delivery and must be ordered separately: article No. 2899 0450)

NEW House-number light with switchable light output – pre-set to lowest output upon delivery.

Quadro-Lite 200 HSL ML	4000	600 / 100	6 / 1	50,000 h L90/B10	200	200	60	6581 4911

(With enclosed number set)

• available ex stock
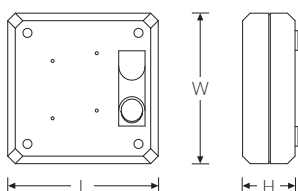
LED positions:
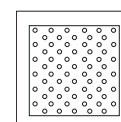
1 x 6 / 1 x 12

Accessories
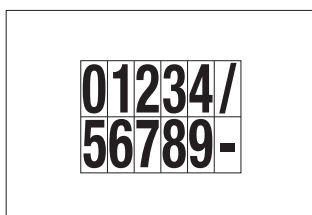
Type	Article No.
Number set 0–9, including forward slash and hyphen for house-number light Quadro-Lite LED with twilight switch, made of black, self-adhesive, weatherproof PVC film.	2899 0450

Rondo-Lite
LED WALL AND CEILING LUMINAIRE

CE ⏚ IP65

Compact universal surface-mounted luminaire with high protection grade (IP 65), suitable for installation in humid environments.
White luminaire housing made of polycarbonate (PC), flame retardant. Opal PMMA diffuser. Attractive design for use indoors or in covered outdoor areas.

- ❯ Long LED lifetime – 50,000 h for L80/B10
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Ambient temperature from –20 °C to +25 °C
- ❯ Non-ageing rubber profile (EPDM)

- ❯ **High protection grade: IP 65**
- ❯ **Sustainable product thanks to replaceable LED module**
- ❯ **Shock resistant Ø 260 mm, IK 06**
- ❯ **AC/DC capable**

Type	Version			Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		Ø	H	Article No.
Rondo-Lite LED	Basic	2 x 4.5	IK06	3000	800	10	50,000 h	L80/B10	260	60	6585 4810
				4000	850	10	50,000 h	L80/B10	260	60	6585 4812
		1 x 12	IK03	3000	950	11	50,000 h	L70/B10	360	90	6585 5110
				4000	950	11	50,000 h	L70/B10	360	90	6585 5112
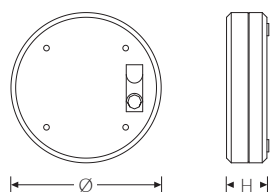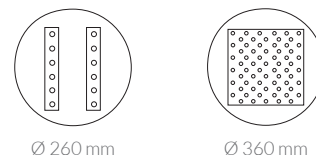
Ø |◀ H ▶|

LED positions:

Ø 260 mm   Ø 360 mm

Lay-in luminaires
Panel luminaires

—

Modul Four 60

Modul Four EL 61

High-quality and efficient LED luminaires enable a perfect lighting solution for modern working environments.
They are characterised by a high quality of light that promotes health, well-being and productivity.

Modul Four
LED LAY-IN LUMINAIRE

CE | IK03 | IP20

MADE IN EU

High-grade lens technology.
Elegant and variable luminaire design.

High-quality LED luminaire with visible lens optics. Sheet steel housing in RAL 9016 for installation in modular ceiling systems with visible trunking (module 625).
Can also be used as a surface-mounted or suspended luminaire with accessories. Efficient application with a high luminous efficacy and very good Unified Glare Rating for high-quality lighting solutions in offices and educational facilities.

1/8 L | 2/4 L

- **Unified Glare Rating UGR < 19 or UGR < 16**
- **Luminous efficacy 130 Lm/W (eligible for BEG)**
- **DALI dimmable**

- Long LED lifetime – up to 50,000 h for L90/B10
- Colour tolerance (initial MacAdam) 3
- Including standard and Linect® quick connection system
- Various designs and module arrangements optionally possible

Type	Module	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Modul Four 2/4L	625 x 625	DALI	4000	5600	43	50,000 h L90/B10	621	621	8803 5000 •
Modul Four 1/8L	1250 x 312	DALI	4000	5600	43	50,000 h L90/B10	1246	308	8803 5300 •

• available ex stock

W

L

27
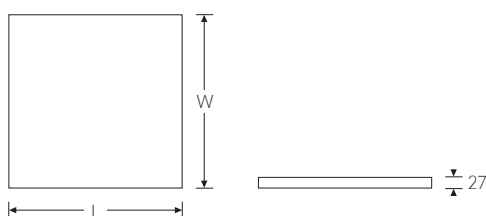
Optionally available

- High glare reduction with UGR < 16 (< 5,000 lumens), especially suitable as lighting for technical-drawing offices
- Version with 3h emergency lighting
- With 3000 K, Tunable White and colour rendering index Ra > 90
- Possibility to integrate sensors
- Module arrangement in accordance with customer requirements

Maximum flexibility in luminaire design

Examples of possible arrangements and/or orientations of the LED modules as well as the surface colour (black or white).
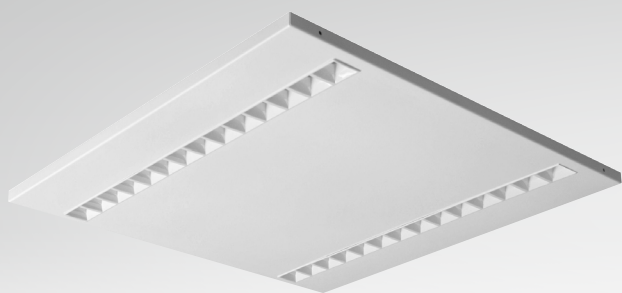
Modul Four EL
LED LAY-IN LUMINAIRE

CE | IK02 | IP20

MADE IN EU

Modern lens technology

The ideal alternative to LED panel luminaires.
Easy-to-install lay-in luminaire with visible lens optics for modular ceiling systems with visible trunking (module 625). Metal housing, white. Can also be used as a surface-mounted luminaire with accessories.

Economical and energy-efficient lighting solution for office applications with challenging requirements in terms of glare limitation.

- **Unified Glare Rating (UGR) < 16**
- **Luminous efficacy up to 157 Lm/W (eligible for BEG)**
- **Sustainable product thanks to replaceable LED module / converter**

- LED lifetime L80/50,000 h
- Colour tolerance (initial MacAdam) 3
- Colour temperature 4000 K

Type	Module	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Modul Four EL 2/L	625 x 625	Basic	4000	4400	28	50,000 h L80/B50	622	622	8717 1000 •
		DALI	4000	6100	42	50,000 h L80/B50	622	622	8717 1015
Modul Four EL 4/4	625 x 625	Basic	4000	3900	27	50,000 h L80/B50	622	622	8717 1010 •
Modul Four EL 1/L	1250 x 312	Basic	4000	4400	28	50,000 h L80/B50	1245	310	8717 1005 •
		DALI	4000	6100	42	50,000 h L80/B50	1245	310	8717 1020

• available ex stock

W | L | 25
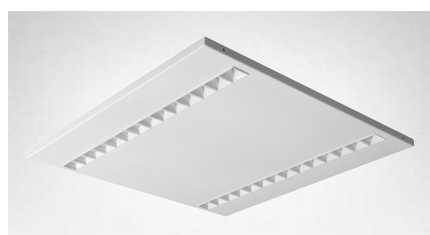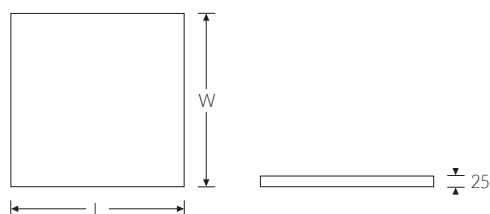
Modul Four EL 2/L, module 625
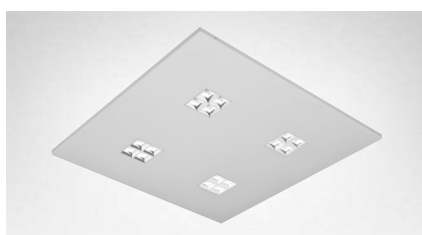
Modul Four EL 4/4, module 625

Modul Four EL 1/L, module 1250 x 312

Accessories / Installation components

Aluminium mounting frame, white

Aluminium installation frame, white

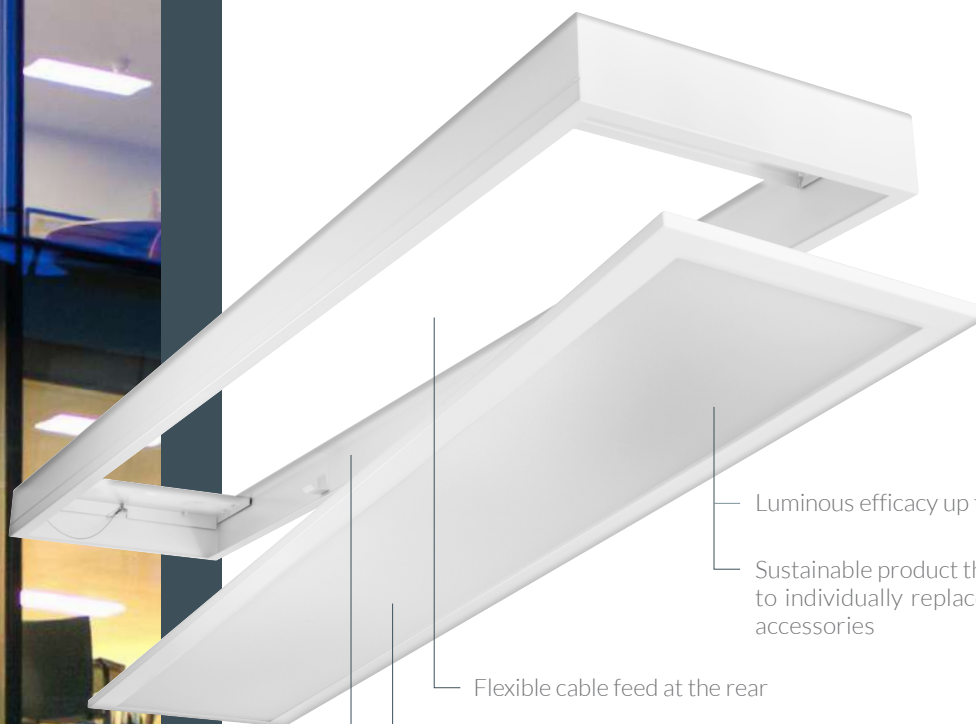| Type	Article No.
Mounting frame for module 625, height 48 mm	3597 5320 •
Mounting frame for module 1250 x 312, height 48 mm	3597 5340 •
Installation frame for module 625	3597 5300
Installation frame for module 1250 x 312	3597 5310

• available ex stock

Modul Four EL online:
www.fluolite.de/produkte/modul-four-el

Multilumen surface-mounted luminaire
FLAT-A ML

Luminous efficacy up to 121 Lm/W.

Sustainable product thanks to individually replaceable accessories

Flexible cable feed at the rear

Unified Glare Rating for VDU and office workplaces: UGR < 19

Luminaire insert on long side

Multilumen

- One luminaire, variable light intensity
- Easy storage, increased flexibility

Luminaire warranty
5 YEARS

NEW # FLAT-A ML Multilumen
LED PANEL SURFACE-MOUNTED LUMINAIRE

Efficient LED panel surface-mounted luminaire.
Multilumen technology for adjustable light output (min / max),
pre-set to maximum output upon delivery. Steel-frame housing,
white.
Luminaire insert on long side. Microprismatic cover.
Protection grade IP 40 on room side, IP 20 on ceiling side.

**The professional lighting solution for new buildings as well
as refurbishment and conversion projects.**

- Luminous efficacy up to 121 Lm/W
- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Uniform light distribution
- Ambient temperature from −20 °C to +40 °C
- Flexible cable feed at the rear

- **Sustainable product thanks to individually replaceable accessories**
- **Includes frame for surface mounting with perfect mitre joint**
- **Unified Glare Rating (UGR) < 19**
- **AC/DC capable**

Type	Module	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Flat-A LED ML Microprismatic	1500 x 300	4000	6000 / 4000	53 / 33	50,000 h L80/B10	1500	315	8811 0200 •

• available ex stock
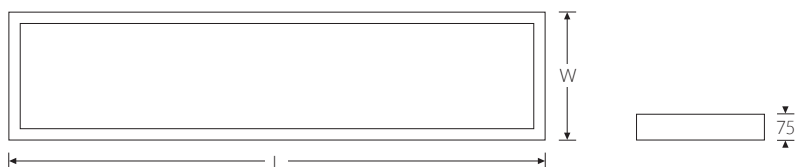
Accessories / Replacement parts

Steel frame for surface mounting, white

Lay-in luminaire module 1500 x 300

Converter for FLAT-A ML

Type	Article No.
Frame for surface mounting for lay-in luminaire, module 1500 x 300	3597 5560 •
Lay-in luminaire module 1500 x 300 (without converter)	8809 0070 •
Converter for FLAT-A ML	3001 0482 •

• available ex stock

FLAT-A ML LED online:
www.fluolite.de/produkte/flat-a-led

FLAT-A
## LED PANEL SURFACE-MOUNTED LUMINAIRE

CE □ IK06 IP40

MADE IN EU

Premium surface-mounted panel luminaire

Highly efficient LED panel surface-mounted luminaire. Steel-frame housing, height 48.5 mm, white. Optionally available with opal or microprismatic cover. Protection grade IP 40 (room side). Ideal for offices and business premises. Prismatic cover suitable for VDU workstations.

❯ **Includes frame for surface mounting with perfect mitre joint**

❯ **Homogeneous illumination of the optics**

❯ **Luminous efficacy up to 124 Lm/W (eligible for BEG)**

❯ **Very long LED lifetime: 70,000 h for L80/B10**

❯ Easy to install thanks to the integrated frame for surface mounting

❯ Colour tolerance (initial MacAdam) 3

❯ Ambient temperature from +10 °C to +40 °C

❯ Unified Glare Rating
UGR < 19 with microprismatic cover
UGR < 22 with opal cover

Type	Module	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Flat-A LED Opal	625 x 625	3000	3400	29	70,000 h L80/B10	620	620	8811 0040
		4000	3600	29	70,000 h L80/B10	620	620	8811 0050
	1200 x 300	3000	3400	32	70,000 h L80/B10	1220	320	8811 0080
		4000	3600	32	70,000 h L80/B10	1220	320	8811 0090
Flat-A LED Microprismatic	625 x 625	3000	3200	29	70,000 h L80/B10	620	620	8811 0060
		4000	3400	29	70,000 h L80/B10	620	620	8811 0070 •
	1200 x 300	3000	3200	32	70,000 h L80/B10	1220	320	8811 0100
		4000	3400	32	70,000 h L80/B10	1220	320	8811 0110 •

• available ex stock
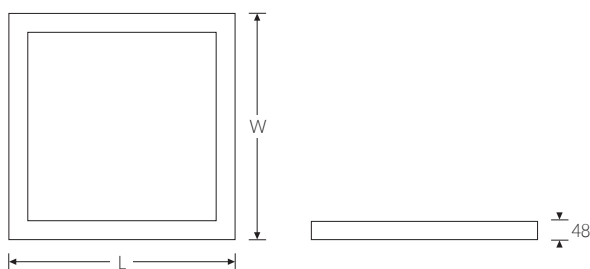
Flat-A LED, rear

Frame with invisible mitre joint

Flat-A LED, module 1200 x 300

FLAT-E
## LED PANEL LAY-IN / SUSPENDED LUMINAIRE

CE ☐ IK06 IP20 IP40

MADE IN EU

Premium lay-in panel luminaire

Can be used as a lay-in or suspended luminaire (see accessories for suspension). Steel-frame housing, height 14 mm (plus gear), white. Optionally available with opal or microprismatic cover. Protection grade IP 40 on room side, IP 20 on ceiling side. Particularly suitable for installation in coffered ceilings and therefore ideal for offices and commercial premises.

- ❯ Can also be used as a suspended luminaire
- ❯ Colour tolerance (initial MacAdam) 3
- ❯ Ambient temperature from +10°C to +40°C
- ❯ Unified Glare Rating
  UGR < 19 with microprismatic cover
  UGR < 22 with opal cover
- ❯ Optionally available with DALI

- ❯ **Ultra-flat design**
- ❯ **Homogeneous illumination of the opal cover**
- ❯ **Microprismatic cover suitable for VDU workstations**
- ❯ **Very long LED lifetime: 70,000 h for L80/B10**

Type	Module	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Flat-E LED Opal	625 x 625	3000	3400	34	70,000 h L80/B10	621	621	8809 0090
		4000	3600	34	70,000 h L80/B10	621	621	8809 0080 •
	1200 x 300	3000	3400	34	70,000 h L80/B10	1196	296	8809 0060
		4000	3600	34	70,000 h L80/B10	1196	296	8809 0050
Flat-E LED Microprismatic	625 x 625	3000	3200	34	70,000 h L80/B10	621	621	8809 0195
		4000	3400	34	70,000 h L80/B10	621	621	8809 0185 •
	1200 x 300	3000	3200	34	70,000 h L80/B10	1196	296	8809 0165
		4000	3400	34	70,000 h L80/B10	1196	296	8809 0155

• available ex stock

L/W 14 L
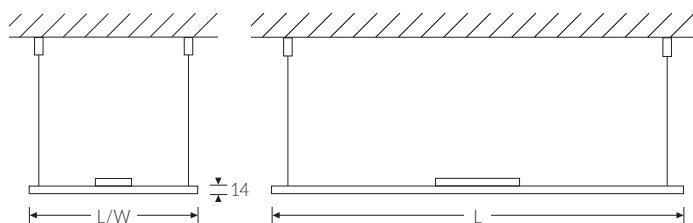
Optionally available

- ❯ Tunable White
- ❯ Daylight-dependent control
- ❯ Protection grade IP 65
- ❯ Busbar adapter
- ❯ Logo as per customer requirements

Accessories / Installation components

Type	Article No.
Cable suspension Flat-E LED set* (4-point)	3596 2800

*Set consisting of 4 freely adjustable suspension cables (max. length 3 m) and the matching ceiling fixings.

FLAT-E LED online:
www.fluolite.de/produkte/flat-e-led

Downlights

ARO 69

LED downlights provide optimal ambient lighting in areas such as shops, corridors, surgeries, meeting rooms, hotels and foyers. Their compact design guarantees quick and easy installation.

NEW FROM
AUTUMN 2023

—

BODMAN DL
LED DOWNLIGHT

BLACK

WHITE

- Max. luminous efficacy > 120 Lm/W (eligible for BEG)
- Long LED lifetime – 50,000 h for L80/B10
- Unified Glare Rating (UGR) < 19
- Made in the EU

ARO Multicolor
LED DOWNLIGHT

CE □ IK06 IP54

Switchable colour temperature

LED recessed downlight in three different sizes and power ratings. The colour temperature can be changed by means of a switch on the luminaire. Depending on the area and application, you can choose between warm white, neutral white and daylight white before installation. Major advantage – only one luminaire type is required for different lighting moods.

Die-cast aluminium housing. Room side IP 54 (with closed ceiling). External LED driver is included.

❯ Switchable colour temperature 3000 K, 4000 K, 5700 K

❯ Wide light distribution

❯ Flat design, shallow ceiling void

❯ Dimmable with phase-cut dimmer
❯ Ambient temperature from −20 °C to +45 °C
❯ Protection class II
❯ Instant start
❯ Optionally available with DALI

| Type	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H	E Ø	Article No.
ARO-15WWSCW1	3000	1250	15	45,000 h L80/B20	145	50	120	6608 6480
	4000	1470						
	5700	1320						
ARO-18WWSCW1	3000	1460	18	45,000 h L80/B20	190	50	160	6608 6485
	4000	1850						
	5700	1730						
ARO-25WWSCW1	3000	2250	25	45,000 h L80/B20	228	50	200	6608 6495
	4000	2750						
	5700	2500						

E Ø = wall or ceiling cut-out
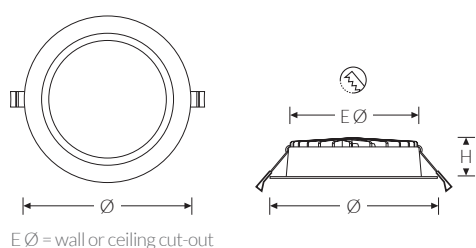
Adaptable due to variable colour temperature.

The colour temperature can be changed via a switch on the rear of the luminaire. Depending on the area and application, you can choose between warm white, neutral white and daylight white. **Major advantage – only one luminaire type is required for different lighting moods and applications.**

Accessories

Matt steel compensating ring for oversized ceiling cut-outs.

Type	Article No.
DL compensating ring 195, for ARO 18 W	3597 5150
DL compensating ring 228, for ARO 18 W	3597 5160

ARO LED online:
www.fluolite.de/produkte/aro-led
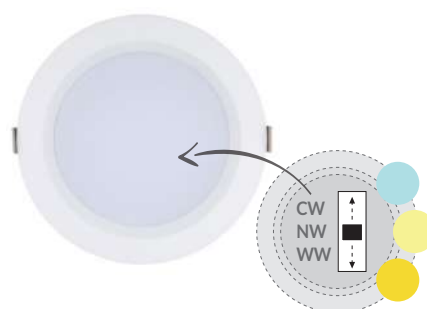
Trunking systems
and battens

—

| TRX | 72 – 74 | TRX Lens | 75 | TRA | 76 – 81 |

| TRA click & connect | 82 – 83 | TRA Lens Plug & Play | 84 | Minilite | 85 |

Trunking systems are typically used in warehouses, assembly and production facilities as well as in wholesale and retail outlets.

Our TRX trunking not only impresses due to its sophisticated rapid installation system that has proven itself over many years, but also thanks to its highly efficient LED light inserts with lens technology.

The Fluolite TRA trunking system is easy to use and can be customised with a variety of our light inserts and luminaires – up to IP 65 trunking. Our service team will be happy to advise you!

Easy.
Faster.
Tool-free.

TRX LED

Lighting installations must be economical, cost-effective and state of the art.

During its development, particular emphasis was placed on tool-free installation that can be completed in a very short time.

1 Choice of mounting: ceiling mounting or suspension with chain or rope.

2 Clip the rail into the hanger (max. fixing span 3 m).

3 The electrical connection to the starter element is established without tools, the trunking can then be installed while under voltage.

4 Push the middle/end element of the trunking into the end of the starter element and lock it. This creates the electrical and mechanical connection.

5 The light unit and the electrical contact are specified.

6 The TRX LED light unit is secured in position by clipping it into the rail.

TRX
RAPID INSTALLATION SYSTEM FOR TRUNKING
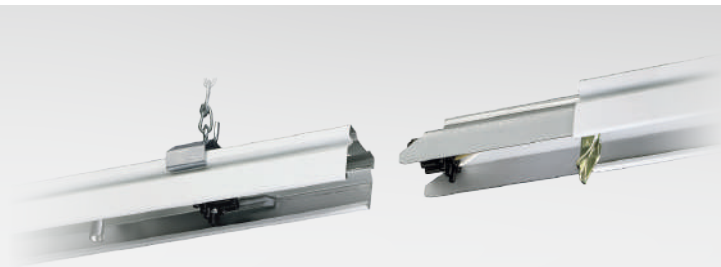
The TRX trunking system can be installed quickly and easy without tools. This saves you time and thus ensures economical installation. The through-wiring is permanently integrated in the trunking.

The rapid installation system for TRX trunking is a universal lighting solution for warehouses, high-bay warehouses, production areas and workshops.

TRX trunking

The TRX trunking system is based on a trunking rail made of profiled steel that is painted white on the outside and is available in three lengths. The trunking is equipped with 5 x 2.5 mm² or 7 x 2.5 mm² through-wiring as standard. The individual rails can be mounted very quickly and easily without tools thanks to the integrated connecting elements.

Trunking starter element

Trunking middle/end element

TRX trunking starter elements

Type	Description	L	Article No.
TRX-A 58/1	5-pin, TW 5 x 2.5 mm²	1530	7414 0010 •
	7-pin, TW 7 x 2.5 mm²	1530	7414 0012
TRX-A 58/2	5-pin, TW 5 x 2.5 mm²	3060	7414 0020 •
	7-pin, TW 7 x 2.5 mm²	3060	7414 0022
TRX-A 58/3	5-pin, TW 5 x 2.5 mm²	4590	7414 0030 •
	7-pin, TW 7 x 2.5 mm²	4590	7414 0032

TRX trunking middle/end elements

Type	Description	L	Article No.
TRX-ME 58/2	5-pin, TW 5 x 2.5 mm²	3060	7414 0120 •
	7-pin, TW 7 x 2.5 mm²	3060	7414 0122
TRX-ME 58/3	5-pin, TW 5 x 2.5 mm²	4590	7414 0130 •
	7-pin, TW 7 x 2.5 mm²	4590	7414 0132 •

• available ex stock

Accessories / Installation components
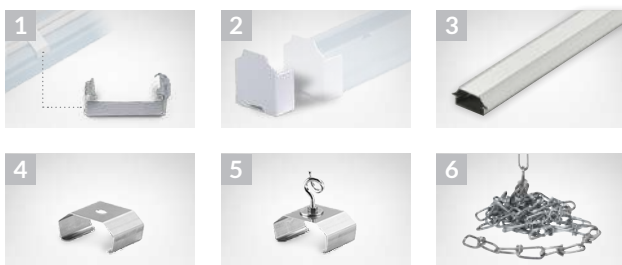
Type		Description	Article No.
TRX-Ka-Pri	1	Mini cable rack	7414 9024 •
TRX-Sch-E-LED	2	Trunking end cap for LED light unit	7430 0050 •
TRX-BA LED	3	Cover strip 1530 mm	7430 0035 •
TRX-DB	4	TRX-TRA ceiling fixings	7414 9031 •
TRX-KA	5	TRX-TRA chain hanger (order 1 per 2.5 m)	7414 9030 •
TRX-Kno-KE	6	Chain, 1 bundle, 30 m	7414 9022 •

• available ex stock

⚠ Two trunking end caps are included with the TRX standard starter elements. However, these cannot be used for the TRX Lens light unit. The special trunking end caps (article No. 7430 0050) must be ordered separately.

TRX
TRUNKING – REQUIRED MATERIALS

Rapid installation system for TRX Lens trunking, length 1.53 metres.

Trunking length (m)	Trunking units	Starter element 1-length	Starter element 2-length	Starter element 3-length	Middle / End element 3-length	TRX Lens trunking insert	Hangers	Trunking end cap
3.06	2	–	1	–	–	2	2	2
4.59	3	–	–	1	–	3	3	2
6.12	4	1	–	–	1	4	4	2
7.65	5	–	1	–	1	5	4	2
9.18	6	–	–	1	1	6	5	2
10.71	7	1	–	–	2	7	5	2
12.24	8	–	1	–	2	8	6	2
13.77	9	–	–	1	2	9	7	2
15.30	10	1	–	–	3	10	7	2
16.83	11	–	1	–	3	11	8	2
18.36	12	–	–	1	3	12	8	2
19.89	13	1	–	–	4	13	9	2
21.42	14	–	1	–	4	14	10	2
22.95	15	–	–	1	4	15	10	2
24.48	16	1	–	–	5	16	11	2
26.01	17	–	1	–	5	17	12	2
27.54	18	–	–	1	5	18	12	2
29.07	19	1	–	–	6	19	13	2
30.60	20	–	1	–	6	20	13	2
32.13	21	–	–	1	6	21	14	2
33.66	22	1	–	–	7	22	15	2
35.19	23	–	1	–	7	23	15	2
36.72	24	–	–	1	7	24	16	2
38.25	25	1	–	–	8	25	16	2

TRX Lens Plug & Play
LED TRUNKING INSERT

CE | IK03 | IP20

MADE IN EU

Linear design & the latest lens technology

The new TRX Lens light units allow quick and easy installation of new lighting projects or simple replacement of existing Fluolite TRX light units.

- Professional lighting solutions for warehouses, production halls and workshops, exhibition areas and shops.
- The Plug & Play system simplifies the installation process and thus considerably reduces the required effort.
- Optimum light control thanks to state-of-the-art lens technology for uniform light distribution.

- Luminous efficacy up to 162 Lm/W (eligible for BEG)
- Ambient temperature from −20 °C to +35 °C
- LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Versions with DALI available

TRX Lens trunking inserts

Consisting of white aluminium profiles. Fits on trunking with a length of 1530 mm.

TRX Lens trunking inserts can be used in 5-pin and 7-pin trunking.

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Dispersion characteristic	Dispersion angle		Article No.
TRX Lens	Basic	4000	6000	37	50,000 h L80/B10	Extensive	90°	●	7432 0250 •
						Symmetrical	60°	●	7432 0350 •
		4000	9000	59	50,000 h L80/B10	Extensive	90°	●	7432 0650 •
						Symmetrical	60°	●	7432 0750 •
		4000	12,000	88	50,000 h L80/B10	Extensive	90°	●	7432 0950 •
						Symmetrical	60°	●	7432 1050 •

TRX Lens trunking inserts with DALI can only be used in 7-pin trunking.

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Dispersion characteristic	Dispersion angle		Article No.
TRX Lens	DALI	4000	6000	37	50,000 h L80/B10	Extensive	90°	●	7432 0265
						Symmetrical	60°	●	7432 0365
		4000	9000	59	50,000 h L80/B10	Extensive	90°	●	7432 0665 •
						Symmetrical	60°	●	7432 0765
		4000	12,000	88	50,000 h L80/B10	Extensive	90°	●	7432 0965
						Symmetrical	60°	●	7432 1065

• available ex stock

1530 | 25 | 70 | 62
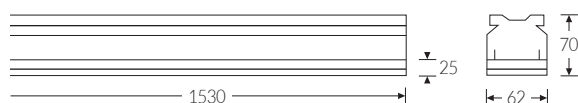
Different optics and perfect light, matched to the respective areas of application:

90° — Wide light cone for broad illumination. Suitable for open areas, rooms and halls.

60° — Light cone for deep / wide illumination. Suitable for aisles and high-ceilinged areas.

Other light-distribution angles optionally available:

30° light distribution | Asymmetrical, left | Asymmetrical, right | Asymmetrical on both sides

TRX Lens online
www.fluolite.de/produkte/trx-lens

Easy. Variable. Individual.
TRA

One trunking system.
Many applications.

- ❯ Flexible trunking lengths
- ❯ Inserts can be freely positioned
- ❯ Fast installation
- ❯ Compatible with Fluolite moisture-proof luminaires
- ❯ Variable trunking system for surface mounting or suspended mounting of luminaires on cables or chains
- ❯ The perfect choice for diverse requirements, such as lighting solutions for production, industry and logistics facilities as well as sales areas

TRA
TRUNKING SYSTEM

MADE IN **EU**

CE
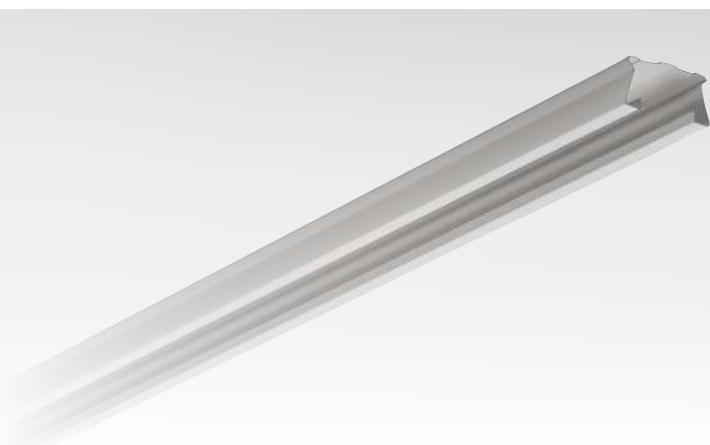
TRA trunking

This trunking is made from a galvanised steel profile, painted white on the outside and available in two lengths. The individual rails can be mounted quickly, easily and without tools using the TRA rail connector.

Freely configurable trunking system with a low overall height. Variable trunking with freely selectable luminaire positions. Customised lighting solutions are possible thanks to quick and easy installation as well as variable cable routing in the wiring channel.

Type		L	W	H	Article No.
TRA trunking 58/2	1	3065	65	30	3609 5025 •
TRA trunking 58/3	2	4595	65	30	3609 5040 •

• available ex stock

TRA
For required materials
see page 79

Accessories / Installation components
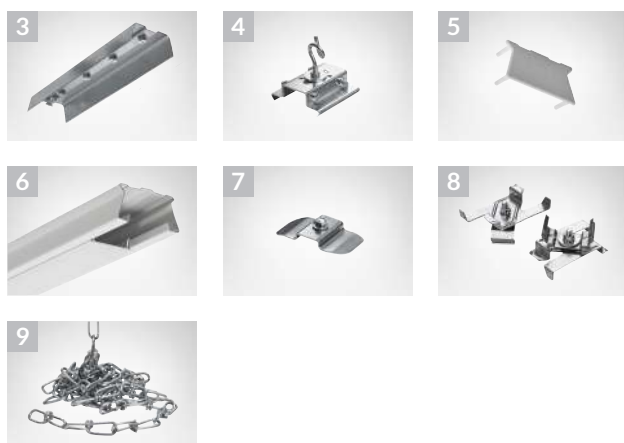
Type			Article No.
TRA trunking connector	3	Connecting element for trunking, metal	3595 0007 •
TRA trunking hanger	4	For suspension of the trunking, metal (order 1 per 2.5 m)	3595 0008 •
TRA trunking protective caps	5	Clip-on protective caps for trunking, white plastic	3598 0046 •
TRA cover strip 58/1	6	To close off open areas in the underside of the trunking, white plastic	3598 0022 •
TRA luminaire fastener	7	Luminaire fastener made of galvanised steel, internal	3595 0004 •
TRA luminaire fastener Type A	8	Luminaire mounting SET made of galvanised steel, external. Including retaining spring (narrow), suitable e.g. for PAC-D EL	3596 2270 •
TRA luminaire fastener Type B	8	Luminaire mounting SET Made of galvanised steel, external. Including retaining spring (wide), suitable e.g. for PAC-D Maxx + LZP	3596 2280 •
Chain	9	1 bundle, 30 m	7414 9022 •

• available ex stock

TRA
TRUNKING SYSTEM

CE

Mounting options with the TRA trunking system

The empty trunking allows quick and flexible mounting of Fluolite moisture-proof luminaires. Using the appropriate mounting accessories (see page 77), each luminaire can be easily and variably mounted to create customised lighting solutions.

1 2
3
4
5
6
7
8

PAC-D EL ML
page 12 – 14

PAC-D EL Q
page 15

PAC-D HP
page 16

PAC-D AI
page 22 – 23

PAC-D MaXX
page 88

PAC-D MaXX Focus
page 88

LZP
page 17

LZP HT
page 24 – 25

TRA Lens
page 84

Luminaires with "click & connect" connection
page 83
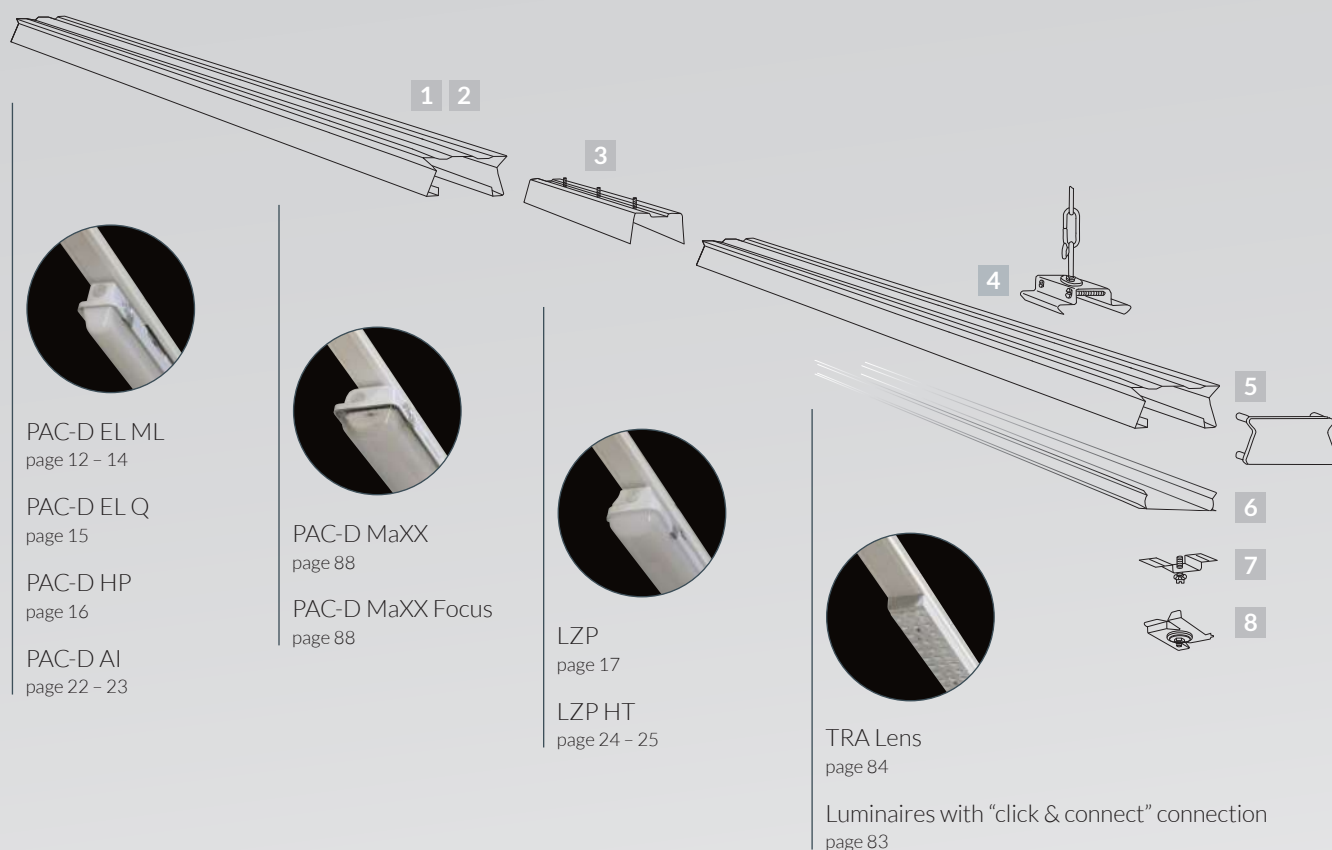
Create a complete trunking system in a few simple steps

The TRA trunking system essentially consists of the following parts:

1 2   **Trunking**
The trunking (available in two lengths) is mounted directly to the ceiling or suspended from steel cables/chains using the trunking hanger.

3   **Trunking connector**
Connecting element for trunking. The connection is made without tools by simply plugging them together.

4   **Trunking hanger**
The trunking can be latched into the hangers without tools. In this way, many metres of trunking can be hung in a very short time.

5   **Trunking protective caps**
The plastic protective caps form the end of the trunking and are quickly installed by simply clicking them in to place.

6   **Cover strip**
The plastic cover strip can be used to close off any open areas in the underside of the trunking.

7 8   **Luminaire fastener**
Pre-install the luminaire fastener on the luminaire, then connect the luminaire to the trunking system.
(Not necessary for TRA Lens).

TRA
TRUNKING – REQUIRED MATERIALS

Total system length (m)	Trunking inserts	1 TRA 58/2 3065 mm	2 TRA 58/3 4595 mm	3 Trunking connectors	4 Trunking hangers	5 Trunking protective caps
3.06	2	1	–	–	2	2
4.60	3	–	1	–	3	2
6.12	4	2	–	1	4	2
7.66	5	1	1	1	5	2
9.20	6	–	2	1	6	2
10.73	7	2	1	2	7	2
12.26	8	1	2	2	8	2
13.80	9	–	3	2	9	2
15.32	10	2	2	3	10	2
16.85	11	1	3	3	11	2
18.38	12	–	4	3	12	2
19.92	13	2	3	4	13	2
21.45	14	1	4	4	14	2
22.98	15	–	5	4	15	2
24.51	16	2	4	5	16	2
26.05	17	1	5	5	17	2
27.58	18	–	6	5	18	2
29.11	19	2	5	6	19	2
30.65	20	1	6	6	20	2
32.17	21	–	7	6	21	2
33.70	22	2	6	7	22	2
35.23	23	1	7	7	23	2
36.76	24	–	8	7	24	2
38.30	25	2	7	8	25	2

TRA online:
www.fluolite.de/produkte/tra

Whatever your application, TRA is the solution.

Here are some pointers to help you choose the ideal TRA trunking system for your requirements.

Protection grade up to IP 66	Chemical resistance	Dust, ammonia	Large mounting heights

Luminaires with a higher protection grade are less vulnerable to the ingress of moisture and dust. The protection grade IP 65 meets the requirements for humid environments.

- PAC-D EL TRA c+c
- PAC-D EL ML
- LZP EL
- ALSF
- Euro-Line Aqua

Diffusers made of PMMA (acrylic glass) are highly resistant to weathering and UV radiation and also offer excellent chemical resistance. They are also resistant to greases, oils, acids and alkaline cleaning agents.

- PAC-D EL TRA c+c
- PAC-D EL ML
- PAC-D AI

In industrial and agricultural facilities with high dust loads or in applications with special cleaning requirements, additional factors must be considered when choosing a lighting solution.

- PAC-D AI

To ensure an optimal working environment in assembly, manufacturing and production facilities, you need modern, high-quality luminaires that provide the perfect light wherever it is needed.

- PAC-D HP TRA c+c
- PAC-D HP
- PAC-D MaXX TRA c+c
- PAC-D MaXX

ALSF Euro-Line Aqua	PAC-D EL ML PAC-D HP	PAC-D AI	PAC-D MaXX TRA c+c

CLICK & CONNECT capable

CLICK & CONNECT capable

CLICK & CONNECT capable

Optimised light distribution

Warehouses and storage racks consist of corridors with shelving areas that require adequate illumination. To optimise order picking through good lighting, uniform illumination of the vertical shelf surfaces must be ensured.

❯ PAC-D Maxx Focus TRA c+c
❯ PAC-D Maxx Focus

High and low temperatures

For reliable lighting in ambient temperatures below −20 °C and above +25 °C, specially adapted LED luminaires are required.

❯ LZP HT

Food industry

The EU regulation on food hygiene, which came into force in 2006, makes it compulsory for anyone handling or placing food on the market to establish an HACCP concept.
Many of our luminaires that are compatible with the system are also HACCP certified.

❯ PAC-D EL TRA c+c
❯ PAC-D EL ML
❯ PAC-D AI
❯ LZP EL TRA c+c
❯ LZP EL
❯ LZP HT

Supermarkets and shops

The TRA trunking offers maximum flexibility when positioning the luminaires, so each light can be mounted precisely where it is needed.

❯ TRA Lens

PAC-D MaXX PAC-D MaXX Focus	LZP HT LZP EL	PAC-D EL TRA c+c PAC-D HP TRA c+c	TRA Lens

CLICK & CONNECT capable

CLICK & CONNECT capable

TRA click & connect

"CLICK & CONNECT" RAPID INSTALLATION SYSTEM FOR TRUNKING

CE ⏚ 🍴 ▽ IP 65

TRA
CLICK & CONNECT
Click. Insert. Finished!

Time-saving and tool-free trunking installation in just a few steps

The click & connect system is an extremely practical solution for the installation of trunking. It is suitable for luminaires with a higher protection grade, as well as other types. The connector system is located inside the trunking.

❯ **Inexpensive alternative to conventional trunking systems**

❯ **Trunking for humid environments up to IP 65**

❯ **Flexible luminaire positions and customised trunking lengths**

*

TOOL-FREE

READY FOR CONNECTION

The luminaires have been optimised for mounting on the TRA trunking and can be flexibly positioned. The luminaire connections are mounted on the rear of the housing and run invisibly inside the trunking. The luminaires themselves are interconnected via the click & connect plug-in system.
With the luminaires spaced approx. 1.5 m apart, no additional interconnecting cable is required for installation.
* The cable length between the luminaire and the plug/socket is approx. 0.75 m. The entire luminaire installation process is tool-free.

With "click & connect", a section of trunking can be mounted (click) and connected (connect) to the rail in next to no time.

TRA c+c PAC-D EL | PAC-D HP | PAC-D MaXX
LED LUMINAIRES WITH "CLICK & CONNECT" CONNECTION

CE | IP65

MADE IN GERMANY

Luminaire details
PAC-D EL
page 12 – 14
PAC-D HP
page 16

Luminaire details
PAC-D MaXX
page 88

Ready for connection with through-wiring. The power cable (with plug) and output cable (with socket) on the luminaire comply with fire protection class B2ca. The luminaire fasteners for our TRA trunking are already pre-assembled.

- ❯ Colour tolerance (initial MacAdam) 3
- ❯ ▽ symbol, suitable for rooms with an elevated fire risk
- ❯ For more "click & connect" capable luminaires see page 80 – 81

- ❯ **Up to 18,000 lumens**
- ❯ **Luminous efficacy up to 164 Lm/W (eligible for BEG)**
- ❯ **Safe for use in the food industry – HACCP certified**
- ❯ **Sustainable product thanks to replaceable LED module**

Type		Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime		L	E (± 60 mm)	Article No.
PAC-D EL TRA c+c	1500	TW 5 x 2.5	4000	5900	43	50,000 h	L80/B10	1520	1060	6324 1590 •
PAC-D HP TRA c+c	1500	TW 5 x 2.5	4000	9000	60	50,000 h	L80/B10	1520	1060	6323 8266 •
PAC-D MaXX TRA c+c	1550	TW 5 x 2.5	4000	18,000	110	50,000 h	L80/B10	1585	1060	6323 8430 •

• available ex stock

PAC-D EL / PAC-D HP   PAC-D MaXX

105   ◄90►   ◄ 140 ►
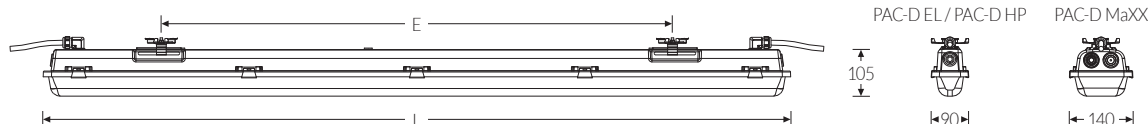
Pre-assembled wiring accessories

Power supply

Interconnecting cable

Type	Article No.
TRA click + connect power cable 1 m	3099 0060 •
TRA click + connect power cable 2 m	3099 0062
TRA click + connect power cable 3 m	3099 0064 •
TRA click + connect power cable 5 m	3099 0066
TRA click + connect interconnecting cable 2 m	3099 0063
TRA click + connect interconnecting cable 3 m	3099 0065 •
TRA click + connect interconnecting cable 5 m	3099 0067 •
TRA click + connect sealing cap for socket	3099 0070 •

Sealing cap for socket

• available ex stock

TRA Lens Plug & Play
LED TRUNKING INSERT

CE · IK02 · IP20

MADE IN GERMANY

Perfect lighting
for industry and commerce

An optimal lighting installation that is suitable for use in both industry and retail must also meet all your requirements when it comes to lighting quality. The TRA Lens trunking system with lens system impresses thanks to extra-wide light distribution, which ensures the best possible illumination and thus optimum working conditions.

The freely selectable position of the luminaires in the TRA trunking system allows the lighting to be perfectly adapted to your requirements.

❯ **Luminous efficacy up to 157 Lm/W (eligible for BEG)**

❯ **Pre-assembled for 5-pin through-wiring**

❯ **Tool-free and flexible assembly**

❯ **Various light-distribution angles optionally available**

❯ **AC/DC capable**

❯ Long LED lifetime – 50,000 h for L80/B10

❯ Colour tolerance (initial MacAdam) 3

❯ Ambient temperature from –25 °C to +50 °C

TRA Lens trunking inserts

Made of profiled steel, finished in white. Modern lens technology made from PMMA.

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	Article No.
TRA Lens	TW 5 x 2.5	4000	7700	49	50,000 h L80/B10	1530	7434 0500
	DALI + TW 5 x 2.5	4000	12,000	86	50,000 h L80/B10	1530	7434 0700

40 · L · 60
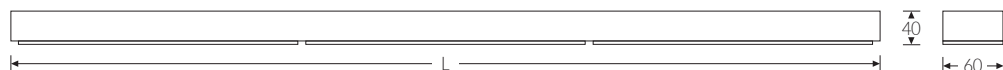
Pre-assembled wiring accessories

Type	Description	Article No.
TRA Lens interconnecting cable	Interconnecting cable for TRA Lens trunking system, 5 x 2.5 mm. Length 1530 mm. Plug and socket, 5-pin.	3003 0040
TRA Lens power supply and connection set	Power supply and connection set for TRA Lens trunking system. Consisting of 5-pin socket and plug, and earth connection for the TRA trunking.	3596 2900
TRA Lens protective cap	Protective caps (pair) for TRA Lens light insert, made of white lacquered steel.	3597 4200

Tool-free and flexible mounting in the TRA trunking system with freely selectable positioning

TRA Lens with LED lens system

Minilite
LED BATTEN

CE ☐ IP 20

Minimum dimensions. LED batten made of aluminium with switch for under-cabinet mounting.
Includes 2-metre interconnecting cable with plug, 2 mounting brackets each for direct and 90° angle installation, coupling and short interconnecting cable (approx. 30 cm) for line mounting. With switch, individually switchable. Can also be used for line mounting with max. 10 units next to each other. Opal translucent luminaire cover.

❯ Colour temperature (optional) 3000 K | 4000 K
❯ Interconnecting cable available in two lengths
❯ Suitable for line mounting
❯ Protection class II

❯ **Batten made from high-quality aluminium**
❯ **Available in five lengths**
❯ **Direct or 90° angle installation**

Type	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
Minilite LED 3.3	3000	257	4.0	20,000 h L80/B10	315	28	6455 0350 •
	4000	274	4.0	20,000 h L80/B10	315	28	6455 0050 •
Minilite LED 5.76	3000	450	6.4	20,000 h L80/B10	545	28	6455 0400 •
	4000	485	6.4	20,000 h L80/B10	545	28	6455 0100 •
Minilite LED 9.36	3000	730	9.9	20,000 h L80/B10	875	28	6455 0450 •
	4000	790	9.9	20,000 h L80/B10	875	28	6455 0150 •
Minilite LED 12.6	3000	980	13.2	20,000 h L80/B10	1175	28	6455 0500 •
	4000	1114	13.2	20,000 h L80/B10	1175	28	6455 0200 •
Minilite LED 16.2	3000	1260	16.7	20,000 h L80/B10	1475	28	6455 0550 •
	4000	1352	16.7	20,000 h L80/B10	1475	28	6455 0250 •

• available ex stock

35

L W
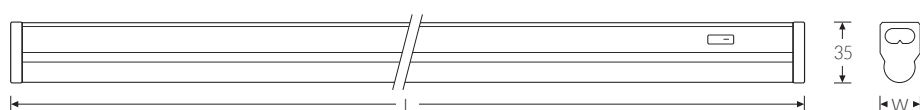
Accessories

Use the interconnection adapter or the interconnecting cable (approx. 30 cm) to connect between two and ten MINILITE LEDs to one trunking rail (included in the scope of delivery). If required, an interconnecting cable (approx. 50 cm) can be ordered as an accessory.

Line mounting with interconnection adapter   Interconnecting cable

Type	Article No.
Interconnecting cable – length 50 cm	3006 0106

Minilite LED online:
www.fluolite.de/produkte/minilite-led

High-bay luminaires

—

PAC-D MaXX | 88   HiLu   89
PAC-D MaXX Focus

To ensure safe and productive working conditions in assembly facilities, factories and warehouses, optimal lighting is essential.

Industrial buildings often have higher ceilings compared to standard rooms, which is why LED luminaires with a higher luminous flux and special beam types are often used in these facilities.

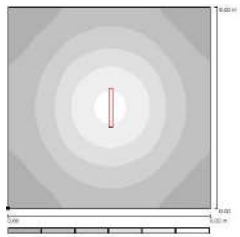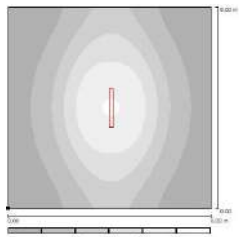# PAC-D MaXX │ PAC-D MaXX Focus
LED MOISTURE-PROOF LUMINAIRE WITH DIFFUSER

MADE IN GERMANY

CE | IP65

60 mm

- **Up to 18,000 lumens**
- **Suitable for rooms and halls with high ceilings**
- **Homogeneous surface illumination, optimised light distribution**
- **Luminous efficacy up to 164 Lm/W (eligible for BEG)**
- **Sustainable product thanks to replaceable LED module**
- **AC/DC capable**
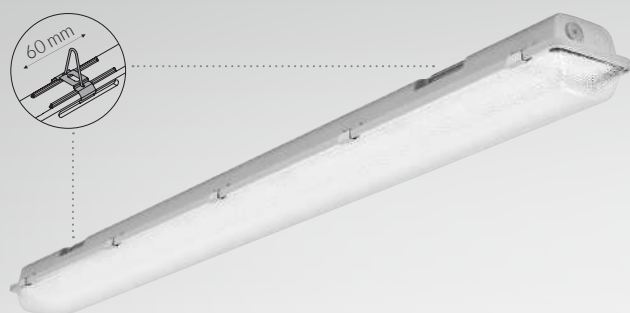
LED luminaire for "HIGH" demands

The PAC-D MaXX is the perfect choice for rooms with high ceilings. Its strengths include a high luminous flux and excellent durability combined with an IP 65 protection grade.
This makes this LED High Bay moisture-proof luminaire suitable for use under harsh operating conditions.
Ideal for logistics and storage halls, industrial halls, exhibition halls as well as manufacturing and production facilities.
Approved for use indoors and in covered outdoor areas.

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. PMMA diffuser, transparent, smooth outside, pearled inside. High-quality closures made of stainless steel (V2A).

- Long LED lifetime – 50,000 h for L80/B10
- Colour tolerance (initial MacAdam) 3
- Ambient temperature from –20 °C to +35 °C
- Plastic closures optionally available
- symbol, suitable for rooms with an elevated fire risk

	PAC-D MaXX Efficient and uniform illumination for high-ceilinged rooms and halls.	PAC-D MaXX Focus Powerful lighting solution with linear lenses, ideal for shelf systems and aisles.
Colour temperature (K)	4000	4000
Luminous flux (Lm)	18,000	17,600
System power (W)	110	110
Luminous efficacy (Lm/W)	164	160
LED lifetime	50,000 h L80/B10	50,000 h L80/B10
Article No.	6323 8420 ●	6323 8450
Light distribution		

● available ex stock

Installation options

ceiling/direct   ceiling/bracket   chain/bracket

1100
1060
1535
105
140

PAC-D LED MaXX online:
www.fluolite.de/produkte/pac-d-maxx
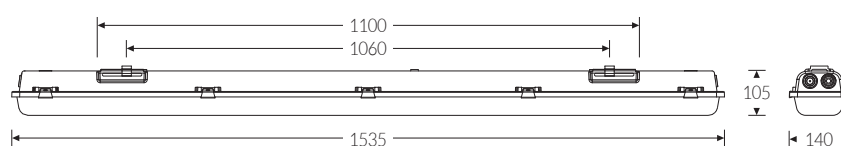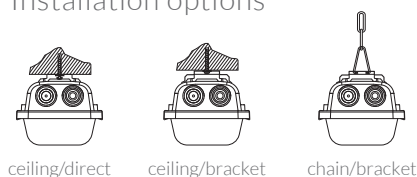
HiLu
## LED HIGH-BAY LUMINAIRE

CE ⏚ IK08 IP65

HiLu is a high-quality LED high-bay luminaire with integrated dimmable driver. The solid die-cast aluminium housing with integrated cooling fins offers superior thermal conductivity. Clear cover made of impact-resistant polycarbonate (PC). Includes suspension eye and connection cable (approx. 1 m). Mounting chain optionally available.
Ideal for rooms with high ceilings, trade fair and exhibition halls, production facilities, warehouses, logistics centres.

❯ **Up to 26,000 lumens | 200 W | 130 lumens / watt**

❯ **Efficient illumination of rooms with high ceilings thanks to lens optics with wide beam types**

❯ **DALI dimmable**

❯ Long LED lifetime of 50,000 h
❯ Suitable for use in humid environments thanks to a high protection grade (IP 65)
❯ Ambient temperature from −30 °C to +45 °C
❯ Accurate colour rendering R_a > 80
❯ Light distribution: 100°
❯ Wide spectrum with a luminous flux from 13,000 lumens up to 26,000 lumens
❯ Tool-free installation and maintenance

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	Ø	H1	H2	Article No.
HiLu	DALI	5000	13,000	100	50,000 h L70/B10	308	125	175	7827 5200
		5000	19,500	150	50,000 h L70/B10	321	126	176	7827 5220 •
		5000	26,000	200	50,000 h L70/B10	331	128	178	7827 5260 •

• available ex stock
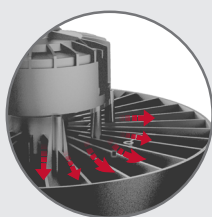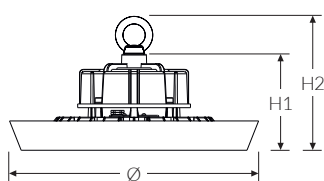
Excellent thermal management

The ADC12 die-cast aluminium housing is moulded from a single piece and offers superior thermal conductivity. The aerodynamic cooling fins are arranged in a simple pattern and the surrounding convection holes make it easier for air to flow efficiently through the heat sink – **this all adds up to excellent thermal management.**

HiLu online
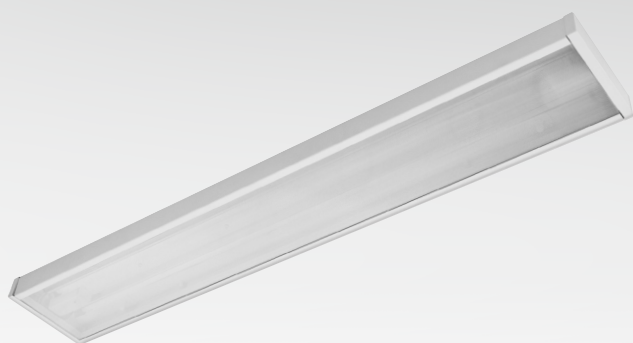www.fluolite.de/produkte/hilu

Ball-proof luminaires

InAct 91

Standardised glare control, low reflections and certified ball-impact resistance provide a sound basis for compliance with diverse mechanical and lighting requirements. Perfect visibility is an essential aspect of creating the ideal conditions for training and competitions.
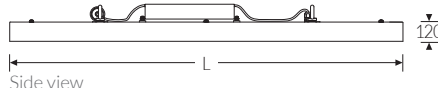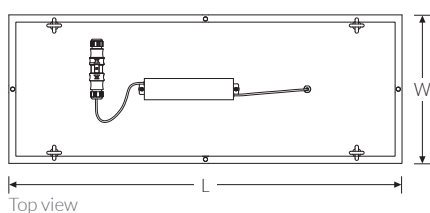
InAct
LED SPORTS HALL LUMINAIRE

- **Powerful and ball-proof**
- **High protection grade IP 65, high shock resistance to IK 10**
- **DALI dimmable**
- **Luminous efficacy up to 125 Lm/W (eligible for BEG)**

Sleek. Economical. Sophisticated.

LED high-bay luminaire including power supply unit, dimmable. Steel housing, coated white. Microprismatic cover made of high-impact polycarbonate (PC), **ball-proof and robust.** This makes it particularly suitable for use in sports and multi-purpose halls.

The scope of delivery includes suspension eyes, connection cable (approx. 30 cm) with mounted connection plug and enclosed connection socket.

- Ambient temperature from –15 °C to +45 °C
- Colour tolerance (initial MacAdam) 3
- Unified Glare Rating (UGR) < 22
- Diverse installation options
- Homogeneous light, accurate colour rendering, optimum glare control

Type	Version	Colour temp. (K)	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	Article No.
InAct-LED BP 2/L MP	DALI	4000	11,500	92	80,000 h L80/B50	1224	197	8717 5000
InAct-LED BP 4/L MP	DALI	4000	22,700	182	80,000 h L80/B50	1224	357	8717 5010

Top view

Side view

InAct-LED BP 2/L MP

InAct-LED BP 4/L MP

Accessories / Installation components
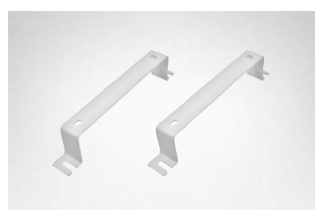
Retaining bracket for direct surface mounting

Type	Article No.
Surface-mounting set for InAct-LED BP 2/L (2 pcs.)	3596 2755
Surface-mounting set for InAct-LED BP 4/L (2 pcs.)	3596 2760
Installation frame for InAct-LED BP 2/L	3596 2765
Installation frame for InAct-LED BP 4/L	3596 2770

InAct LED online:
www.fluolite.de/produkte/inact

Luminaires for LEDtubes

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| PAC-D | 93 |

| PACN | PACE | 93 |

| LZP | 94 |

| Euro-FFL | 94 |

| ALSF | 95 |

| Euro-Line Aqua | 95 |

| AOT | 96 |

| Euro-Line | 96 |

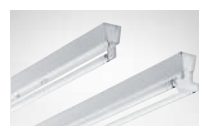| LUX | 97 |

| TRX | 98 |

| SFN / SFX | 98 |
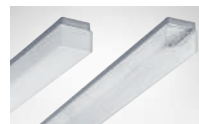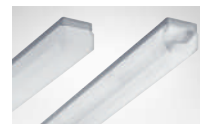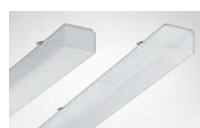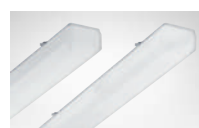
Retrofit luminaires

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| RKL | 99 |

| RKL-Aqua | 99 |

Choose from our wide range of luminaires for LEDtubes and retrofit luminaires to realize professional lighting solutions – with light sources that can be easily changed at any time without specialist help.

Moisture-proof luminaires with diffusers

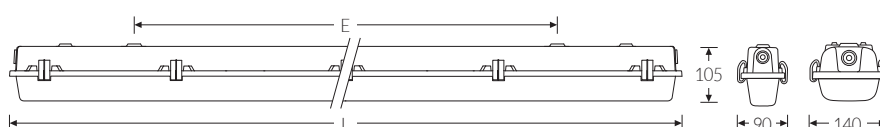For illustration only. Stainless-steel closures.

PAC-D for LEDtube

CE ▯ ▽ IP65

Luminaire housing made of glass-fibre reinforced polyester, light grey, flame retardant. Acrylic diffuser (PMMA), transparent, smooth outside, frosted inside. High-quality closures made of stainless steel (V2A). Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in). Laterally adjustable by up to 60 mm for easy alignment of the luminaire.

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E (± 60 mm)		Article No.
PAC-D	1 x LEDtube	1200	1270	820		6071 5520 •
		1500	1570	1120		6074 5520 •
PAC-D	2 x LEDtube	1200	1285	820		6082 5520 •
		1500	1585	1120		6083 5520 •

• available ex stock
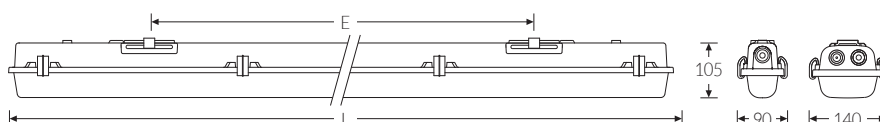
PAC-D for LEDtube online:
www.fluolite.de/produkte/pac-d-ledtube

Compatible accessories see page 107

PAC for LEDtube

CE ▽ IP65

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Acrylic diffuser (PMMA), transparent, smooth outside, frosted inside. High-quality closures made of stainless steel (V2A).

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
PACN	1 x LEDtube	1200	1270	800	6071 6122 •
		1500	1570	1100	6074 6125 •
PACE	2 x LEDtube	1200	1285	800	6082 6222 •
		1500	1585	1100	6083 6225 •

• available ex stock

PAC for LEDtube online:
www.fluolite.de/produkte/pac-ledtube

For illustration only. Stainless-steel closures.

Moisture-proof luminaires with diffusers
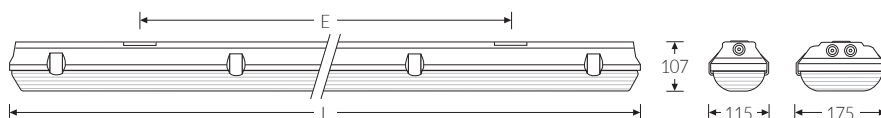
LZP for LEDtube

CE ▽ [IK07] [IP66]

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. Injection-moulded polycarbonate (PC) diffuser with internal prisms. High-quality closures made of stainless steel (V2A). Multifunctional stainless-steel mounting brackets for rapid installation (luminaire can be clipped in). Laterally adjustable by up to 60 mm for easy alignment of the luminaire.

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	Emin.	Emax.	Article No.
LZP	1 x LEDtube	600	660	265	385	6101 6120 •
		1200	1265	805	925	6102 6122 •
		1500	1565	1105	1225	6103 6125 •
LZP	2 x LEDtube	600	660	265	385	6104 1522 •
		1200	1265	805	925	6105 6222 •
		1500	1565	1105	1225	6106 6225 •

• available ex stock

LZP for LEDtube online
www.fluolite.de/produkte/lzp-ledtube

Uncovered moisture-proof luminaire

Euro-FFL for LEDtube

CE □ ▽ [IP65]

Slimline luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. With quick-release closure. Protection class II. Includes lamp protection tube (LS tube) made of polycarbonate (PC) Ø 38 mm.

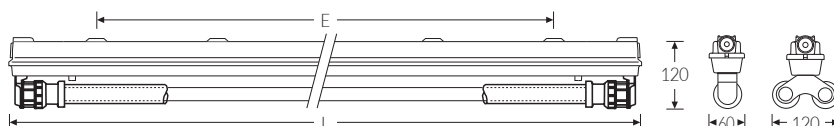❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
Euro-FFL	1 x LEDtube	1200	1265	800	6181 6122 •
		1500	1565	1100	6184 6125 •
Euro-FFL	2 x LEDtube	1200	1265	800	6181 7122
		1500	1565	1100	6189 7125 •

• available ex stock

Euro-FFL fastening set	3596 2170

Set includes 2 retaining clips, 2 chain/cable hangers, 2 sealing plugs.

Euro-FFL for LEDtube online:
www.fluolite.de/produkte/euro-ffl-ledtube

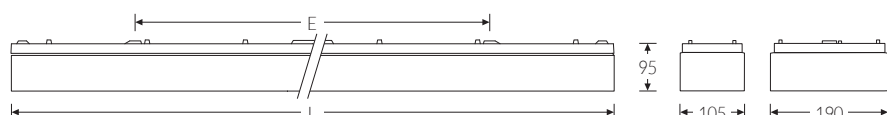# Moisture-proof surface-mounted luminaires

ALSF for LEDtube

CE Ⓓ **IP54**

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. With opal or prismatic acrylic diffuser (PMMA). Angular design.

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
ALSF Opal	1 x LEDtube	600	600	430	6009 5000
		1200	1260	740	6010 2145
		1500	1560	850	6013 2145
	2 x LEDtube	1500	1560	850	6018 2340
ALSF Prismatic	1 x LEDtube	1200	1260	740	6010 2140
		1500	1560	850	6013 2140
	2 x LEDtube	1200	1260	740	6015 2240
		1500	1560	850	6018 2240

ALSF for LEDtube online:
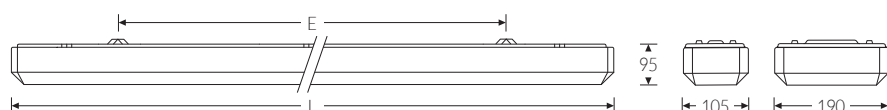www.fluolite.de/produkte/alsf-ledtube

Euro-Line Aqua for LEDtube

CE Ⓓ **IP54**

Luminaire housing made of glass-fibre-reinforced polyester, light grey, flame retardant. With opal or prismatic acrylic diffuser (PMMA). Bevelled diffuser design.

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
Euro-Line Aqua Opal	1 x LEDtube	1200	1270	740	6010 2135
		1500	1570	850	6013 2135
	2 x LEDtube	1200	1270	740	6015 2235
		1500	1570	850	6018 2235
Euro-Line Aqua Prismatic	1 x LEDtube	1200	1270	740	6010 2130
		1500	1570	850	6013 2130
	2 x LEDtube	1200	1270	740	6015 2230
		1500	1570	850	6018 2230

Euro-Line Aqua for LEDtube online:
www.fluolite.de/produkte/euro-line-aqua-ledtube

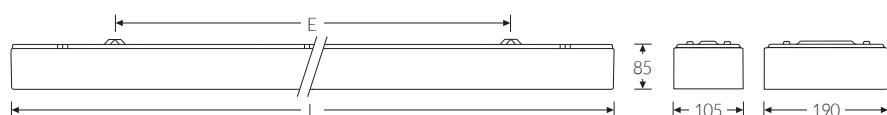# Diffuser surface-mounted luminaires

AOT for LEDtube

CE IP 50

Luminaire housing made of white lacquered steel. Angular, smooth opal or prismatic acrylic diffuser (PMMA).

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
AOT Opal	1 x LEDtube	600	650	460	7030 2000
		1200	1260	900	7120 2150
		1500	1560	1200	7123 2150
	2 x LEDtube	1500	1560	1200	7129 2150
AOT Prismatic	1 x LEDtube	1200	1260	900	7120 2140
		1500	1560	1200	7123 2140
	2 x LEDtube	1200	1260	900	7126 2140
		1500	1560	1200	7129 2140

E · L · 85 · 105 · 190

AOT for LEDtube online
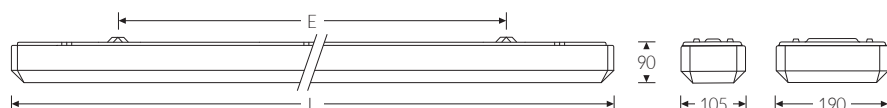www.fluolite.de/produkte/aot-ledtube

Euro-Line for LEDtube

CE IP 50

Luminaire housing made of white lacquered steel. Elegant diffuser design with bevelled edges made of acrylic (PMMA), opal or prismatic.

❯ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
Euro-Line Opal	1 x LEDtube	1200	1270	900	7120 2135
		1500	1570	1200	7123 2135
	2 x LEDtube	1200	1270	900	7126 2135
		1500	1570	1200	7129 2135
Euro-Line Prismatic	1 x LEDtube	1200	1270	900	7120 2130
		1500	1570	1200	7123 2130
	2 x LEDtube	1200	1270	900	7126 2130
		1500	1570	1200	7129 2130

E · L · 90 · 105 · 190

Euro-Line for LEDtube online
www.fluolite.de/produkte/euro-line-ledtube

Louvre surface-mounted luminaire
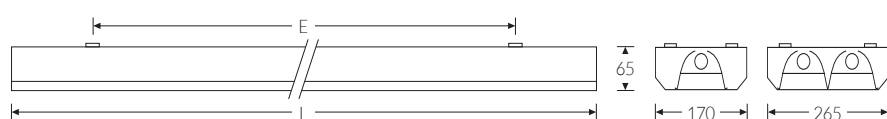
LUX for LEDtube

CE   IP 20

Sturdy housing made of steel, white, modern low-profile design.
Specular louvre, high-gloss aluminium.

◗ **With integrated micro-fuse for protection against excess voltage**

Type			L	E	Article No.
LUX	1 x LEDtube	1200	1260	950	8486 5050 •
		1500	1560	1250	8486 6050 •
LUX	2 x LEDtube	1200	1260	950	8486 5055 •
		1500	1560	1250	8486 6055 •

• available ex stock

LUX for LEDtube online:
www.fluolite.de/produkte/lux-ledtube

Trunking system

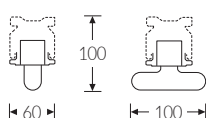## TRX for LEDtube

CE IP20

Trunking system that can be installed quickly and easily without tools.
The TRX LED light units are suitable for new installations and as replacements
for existing battens on trunking with a length of 1530 mm.

For the required TRX trunking elements and a wide range of accessories see page 73
or visit www.fluolite.de/produkte/trx

❯ **With integrated micro-fuse for protection against excess voltage**

Type				L	Article No.
TRX light unit	1 x LEDtube	1500		1530	7424 6125 •
TRX light unit	2 x LEDtube	1500		1530	7429 6225 •

• available ex stock

TRX for LEDtube online:
www.fluolite.de/produkte/trx-ledtube

# Uncovered batten

SFN / SFX for LEDtube

CE IP20

Steel housing, finished in white, with continuous ceiling plate.
Suitable for ceiling and wall mounting and for use as trunking in conjunction with our
TRA system.

❯ **With integrated micro-fuse for protection against excess voltage**

Type		L		H	Article No.
SFN	1 x LEDtube	1200	1230	100	7396 6125 •
		1500	1530	100	7398 6125 •
SFX	2 x LEDtube	1200	1230	105	7396 6230
		1500	1530	105	7398 6230

• available ex stock
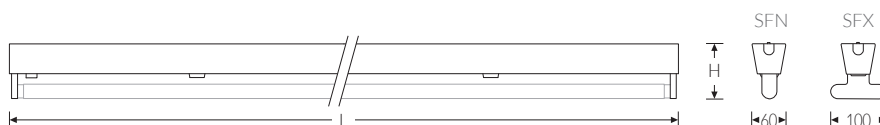
SFN / SFX für LEDtube online
www.fluolite.de/produkte/sfn-sfx-ledtube
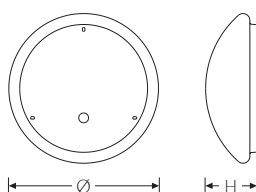
Retrofit luminaires

RKL wall and ceiling luminaire

CE IP40

Luminaire housing made of steel, white. Opal diffuser made of textured acrylic (PMMA).

| Type	Version		Ø	H	Article No.
RKL 2	1 x E27		300	105	7510 1100 •
	1 x E27	HF sensor	300	105	7510 1103 •
RKL 3	2 x E27		375	125	7511 1100 •
	2 x E27	HF sensor	375	125	7511 1103 •
RKL 4	2 x E27		475	150	7512 1200 •
	2 x E27	HF sensor	475	150	7512 1303
	3 x E27		475	150	7512 1300 •
RKL 6	4 x 40 E27		600	165	7513 1270 •

• available ex stock

RKL-Aqua wall and ceiling luminaire

CE IP65

Luminaire housing made from polycarbonate (PC), white. Opal diffuser made of textured acrylic (PMMA).

Type		Ø	H	Article No.
RKL-Aqua 2	1 x E27	300	115	7518 1100 •
RKL-Aqua 3	2 x E27	375	135	7519 1100 •
RKL Aqua 4	1 x E27	480	160	7520 1100

• available ex stock
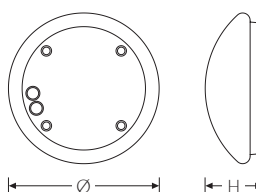
Rescue and
safety luminaires

—

FLS 1 Display   101
Autotest

FL 2 Autotest   102

FL 4 Autotest   102

FL 3 Display-E   103
Autotest

FL 3 Display-R   103
Autotest

These standardised and tested LED rescue and safety luminaires with automatic self-test are durable, efficient and low-maintenance products.
Their high build quality, switchable running times (3 h / 8 h) and optimised lighting technology ensure dependable functionality in an emergency.

FLS 1 Autotest
LED RESCUE AND SAFETY LUMINAIRE

CE □ IP32

Reliable and safe
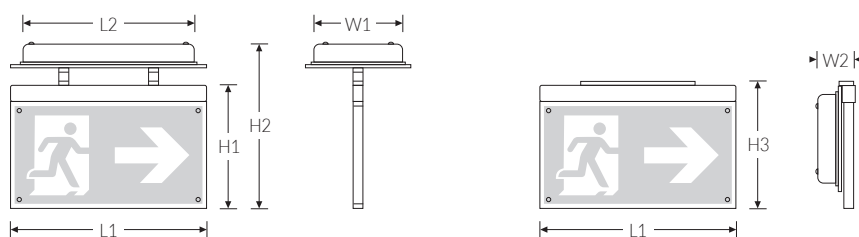## thanks to automatic self-test

Single-accumulator emergency exit sign luminaire in "flat-screen" design, complies with EN 60598-2-22 (VDE 0711 Part 2.22), with auto-test function and built-in test switch for manual testing, including function display. Operating mode suitable for continuous and stand-by operation. This powerful rechargeable accumulator makes it possible to switch the light from 3 to 8 hours of accumulator operation if required. Suitable for wall and ceiling mounting. Suspended or bracket mounting on request. Includes four plug-in pictograms – escape route direction can be shown as required on 1 or 2 sides.

- ❯ **Modern "flat screen" design**
- ❯ **Automatic test function**
- ❯ **Accumulator operation, switchable between 3 and 8 hours**
- ❯ **With powerful lithium iron phosphate (LiFePO4) accumulator**
- ❯ **Legible at up to 25 m**

Housing:	polycarbonate, white, impact resistant, shatterproof
Profile:	anodised aluminium
Legible at up to:	25 m
Labelling:	two-sided
Autonomy:	switchable from 3 hours to 8 hours
Power source:	LiFePO accumulator 3.2 V / 1.6 Ah
Temperature range:	+5 °C to +40 °C

Type	Luminous flux (Lm)	System power (W)	L1	L2	H1	H2	H3	W1	W2	Article No.
FLS 1 LED DISPLAY Autotest	110	2	242	213	151	201	155	110	46	6056 5000 •

• available ex stock

FLS 1 LED Autotest for ceiling mounting

FLS 1 LED Autotest for wall mounting

FL 2 Autotest
LED RESCUE AND SAFETY LUMINAIRE

CE ▢ IP54

Single-accumulator emergency exit sign luminaire, complies with EN 60598-2-22 (VDE 0711 Part 2.22), with auto-test function and built-in test switch for manual testing. Signalling via multi-coloured LED. Operating mode suitable for continuous and stand-by operation. This powerful rechargeable accumulator makes it possible to switch the light from 3 to 8 hours of accumulator operation if required. Suitable for wall and ceiling mounting. Includes pictogram films.
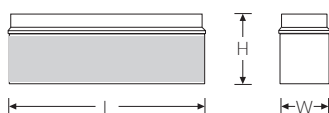
❯ **Automatic test function**

❯ **Accumulator operation, switchable between 3 and 8 hours**

❯ **High-quality plastic housing made of UV-resistant, thermally stable polycarbonate**

Housing:	polycarbonate, white, impact resistant, shatterproof
Diffuser / cover:	polycarbonate, opal, impact resistant, shatterproof
Legible at up to:	18 m
Labelling:	three-sided
Autonomy:	switchable from 3 hours to 8 hours
Power source:	LiFePO accumulator 3.2 V / 1.6 Ah
Temperature range:	+5 °C to +45 °C

Type	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	H	Article No.
FL 2 LED Autotest	120	5	35,000 h L70/B20	360	90	130	6056 2020 •

• available ex stock

FL 2 LED Autotest online
www.fluolite.de/produkte/fl-2-led

FL 4 Autotest
LED RESCUE AND SAFETY LUMINAIRE

CE ▢ IP54

Single-accumulator emergency exit sign luminaire, complies with EN 60598-2-22 (VDE 0711 Part 2.22), with auto-test function and built-in test switch for manual testing. Signalling via multi-coloured LED. Operating mode suitable for continuous and stand-by operation. This powerful rechargeable accumulator makes it possible to switch the light from 3 to 8 hours of accumulator operation if required. Suitable for wall and ceiling mounting. Includes pictogram films.

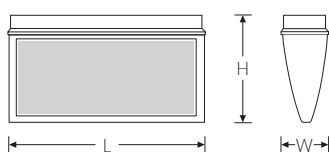❯ **Automatic test function**

❯ **Accumulator operation, switchable between 3 and 8 hours**

❯ **Luminaire can be opened without tools**

Housing:	polycarbonate, white, impact resistant, shatterproof
Diffuser / cover:	polycarbonate, opal, impact resistant, shatterproof
Legible at up to:	32 m
Labelling:	two-sided
Autonomy:	switchable from 3 hours to 8 hours
Power source:	LiFePO accumulator 3.2 V / 1.6 Ah
Temperature range:	+5 °C to +45 °C

Type	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	H	Article No.
FL 4 LED Autotest	120	5	35,000 h L70/B20	360	90	200	6056 2040 •

• available ex stock

FL 4 LED Autotest online
www.fluolite.de/produkte/fl-4-led

FL 3 Display-E Autotest
LED RESCUE AND SAFETY LUMINAIRE

CE ⏚ IP 32

Single-accumulator emergency exit sign luminaire, complies with EN 60598-2-22 (VDE 0711 Part 2.22), with auto-test function and built-in test switch for manual testing. Signalling via multi-coloured LED. Operating mode suitable for continuous and stand-by operation. This powerful rechargeable accumulator makes it possible to switch the light from 3 to 8 hours of accumulator operation if required. Suitable for wall and ceiling mounting. Includes pictogram films.

Angular design

❯ **Robust aluminium profile luminaire, can be opened without tools**

❯ **Automatic test function**

❯ **Accumulator operation, switchable between 3 and 8 hours**

Housing:	anodised aluminium, rectangular
Diffuser / cover:	polycarbonate, opal, impact resistant, shatterproof
Legible at up to:	18 m
Labelling:	two-sided
Autonomy:	switchable from 3 hours to 8 hours
Power source:	LiFePO accumulator 3.2 V / 1.6 Ah
Temperature range:	+5 °C to +40 °C

Type	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	H	Article No.
FL 3 DISPLAY-E LED Autotest	40	5	35,000 h L70/B20	290	85	165	6056 2025 •

• available ex stock

FL 3 DISPLAY-E LED Autotest online
www.fluolite.de/produkte/fl-3-display-e-led

FL 3 Display-R Autotest
LED RESCUE AND SAFETY LUMINAIRE

CE ⏚ IP 43

Single-accumulator emergency exit sign luminaire, complies with EN 60598-2-22 (VDE 0711 Part 2.22), with auto-test function and built-in test switch for manual testing. Signalling via multi-coloured LED. Operating mode suitable for continuous and stand-by operation. This powerful rechargeable accumulator makes it possible to switch the light from 3 to 8 hours of accumulator operation if required. Suitable for wall and ceiling mounting. Includes pictogram films.
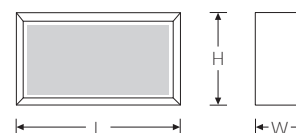
Rounded design

❯ **Robust aluminium profile luminaire, can be opened without tools**

❯ **Automatic test function**

❯ **Accumulator operation, switchable between 3 and 8 hours**

Housing:	anodised aluminium, rounded
Diffuser / cover:	polycarbonate, opal, impact resistant, shatterproof
Legible at up to:	18 m
Labelling:	two-sided
Autonomy:	switchable from 3 hours to 8 hours
Power source:	LiFePO accumulator 3.2 V / 1.6 Ah
Temperature range:	+5 °C to +40 °C

Type	Luminous flux (Lm)	System power (W)	LED lifetime	L	W	H	Article No.
FL 3 DISPLAY-R LED Autotest	40	5	35,000 h L70/B20	290	85	165	6056 2030 •

• available ex stock

FL 3 DISPLAY-R LED Autotest online
www.fluolite.de/produkte/fl-3-display-r-led
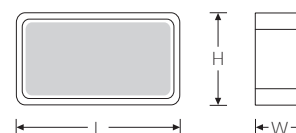
Replacement diffusers
MOISTURE-PROOF LUMINAIRES WITH DIFFUSERS

PAC-D EL opal replacement diffuser

LZP replacement diffuser

PAC-D opal

Type	Article No.	Compatible with	Page
PAC-D 600 opal diffuser	4380 0654	PAC-D LED EL 650	13
PAC-D 1200 opal diffuser	4384 0536 •	PAC-D LED EL 1200	13 – 14
		PAC-D LED EL Q 1200	15
		PAC-D AI 1200	23
PAC-D 1500 opal diffuser	4384 0546 •	PAC-D LED EL 1500	13 – 14
		PAC-D LED EL Q 1500	15
		PAC-D LED HP 1500	16
		PAC-D AI 1500	23

• available ex stock

PAC-D pearled

Type	Article No.	Compatible with	Page
PAC-D 1200 diffuser, pearled	4381 0336	PAC-D LED EL 1200	13 – 14
		PAC-D LED EL Q 1200	15
		PAC-D AI 1200	23
PAC-D 1500 diffuser, pearled	4384 0336	PAC-D LED EL 1500	13 – 14
		PAC-D LED EL Q 1500	15
		PAC-D LED HP 1500	16
		PAC-D AI 1500	23

PAC-D MaXX

Type	Article No.	Compatible with	Page
PAC-D 2/1550 diffuser, pearled	4389 0336	PAC-D LED MaXX 1550	88
		PAC-D LED MaXX Focus 1550	88

LZP

Type	Article No.	Compatible with	page
LZP/PC 1250 diffuser	4361 7006	LZP LED 1250	17
		LZP LED HT 1250	25
LZP/PC 1550 diffuser	4362 7006 •	LZP LED 1550	17
		LZP LED HT 1550	25

• available ex stock

Replacement diffusers
WALL AND CEILING LUMINAIRES

RKL replacement diffuser

RKL-Z replacement diffuser

RKF

Type	Article No.	Compatible with	Page
RKF 2 opal diffuser	4560 0326	RKF 2	40
RKF 3 opal diffuser	4562 0326	RKF 3	40
RKF 4 opal diffuser	4564 0326	RKF 4	40 – 41

RKF-Z

Type	Article No.	Compatible with	Page
RKF-Z 2 opal diffuser	4560 0316	RKF-Z 2	42
RKF-Z 3 opal diffuser	4562 0316	RKF-Z 3	42
RKF-Z 4 opal diffuser	4564 0316	RKF-Z 4	42 – 43

RKL

Type	Article No.	Compatible with	Page
RKL 2 opal diffuser (PMMA diffuser)	4560 0026 •	RKL 2 LED	46
		RKL-Aqua 2 LED	52
		RKL 2 + RKL-Aqua 2 Retrofit	99
RKL/PC 2 opal diffuser (PC diffuser)	4560 2426 •	RKL 2 LED	46
		RKL-Aqua 2 LED	52
		RKL 2 + RKL-Aqua 2 Retrofit	99
RKL 3 opal diffuser (PMMA diffuser)	4562 0026 •	RKL 3 LED	46 – 47
		RKL-Aqua 3 LED	53
		RKL 3 + RKL-Aqua 3 Retrofit	99
RKL/PC 3 opal diffuser (PC diffuser)	4562 2426 •	RKL 3 LED	47
		RKL-Aqua 3 LED	53
		RKL 3 + RKL-Aqua 3 Retrofit	99
RKL 4 opal diffuser (PMMA diffuser)	4564 0026 •	RKL 4 LED	47
		RKL 4 MC LED	49
		RKL-Aqua 4 LED	53
		RKL 4 + RKL-Aqua 4 Retrofit	99
RKL/PC 4 opal diffuser (PC diffuser)	4564 2426 •	RKL 4 LED	47
		RKL 4 MC LED	49
		RKL-Aqua 4 LED	53
		RKL 4 + RKL-Aqua 4 Retrofit	99
RKL 6 opal diffuser (PMMA diffuser)	4566 0026 •	RKL 6 LED	48
		RKL 6 Retrofit	99
RKL/PC 6 opal diffuser (PC diffuser)	4565 2426	RKL 6 LED	48
		RKL 6 Retrofit	99

• available ex stock

Replacement diffusers
WALL AND CEILING LUMINAIRES

RKL-Z

Type	Article No.	Compatible with	Page
RKL-Z 2 opal diffuser *(PMMA diffuser)*	4560 0016 •	RKL-Z 2 LED	50
RKL-Z/PC 2 opal diffuser *(PC diffuser)*	4560 2416	RKL-Z 2 LED	50
RKL-Z 3 opal diffuser *(PMMA diffuser)*	4562 0016 •	RKL-Z 3 LED	50 – 51
RKL-Z/PC 3 opal diffuser *(PC diffuser)*	4562 2416	RKL-Z 3 LED	50 – 51
RKL-Z 4 opal diffuser *(PMMA diffuser)*	4564 0016 •	RKL-Z 4 LED	51
RKL-Z/PC 4 opal diffuser *(PC diffuser)*	4564 2416	RKL-Z 4 LED	51
RKL-Z 6 opal diffuser *(PMMA diffuser)*	4566 2426	RKL-Z 6 LED	51
RKL-Z/PC 6 opal diffuser *(PC diffuser)*	4566 2416	RKL-Z 6 LED	51

• available ex stock

Replacement gear trays
MOISTURE-PROOF LUMINAIRES WITH DIFFUSERS

Replacement gear tray for PAC series 1/1500

Type	Colour temp. (K)	Luminous flux (Lm)	System power (W)	Article No.
Gear tray for PAC series 1/650	4000	2300 / 1500	17 / 10	3607 4030
Gear tray for PAC series 1/1200	4000	4600 / 2800	33 / 19	3607 4025
Gear tray for PAC series 1/1500	4000	5900 / 3700	43 / 25	3607 4000
Gear tray for PAC series 1/1500	4000	9000	60	3607 4005
Gear tray for PAC series 1/1500	6500	9000	60	3607 4010
Gear tray for PAC series 1/1500	4000	12,600	80	3607 4015
Gear tray for PAC series 2/1500	4000	18,000	110	3607 4020

⚠ The matching gear tray is specified in the data sheets for each luminaire. The data sheets list all relevant information about the luminaire, including the dimensions of the required gear tray.

Closures

Stainless-steel clip, 1-piece

PAC-D LED EL with stainless-steel clip

| Type	Article No.
1 **Closure KIT, stainless steel (V2A) PAC-D**	3596 0230
Art. No. 3597 4185 – E-1tlg v03 (stainless-steel clip), 10 pcs.	
2 **Closure KIT, plastic PAC-D**	3596 0980
Art. No. 3595 0127 – K-3tlg v01 (plastic articulated clip, 3-piece), 10 pcs. Art. No. 3500 0060 – Pan head screw 4x12 Torx, galvanised steel 17B2	

Plastic articulated clip, 3-piece

PAC-D LED EL with plastic clip

Stainless-steel clip, 1-piece

LZP with stainless-steel clip

Plastic clip, 1-piece

Type	Article No.
3 **Closure KIT, stainless steel (V2A) LZP**	3596 0224
Art. No. 3596 2165 – E-1tlg v02 (stainless-steel clip), 10 pcs. Art. No. 3598 0153 – Reducer PG13.5, 2 pcs. Art. No. 3597 0291 – Mounting bracket LZP, 2 pcs. Art. No. 3597 0271 – Wire spring (clip), 2 pcs.	
4 **Closure KIT, plastic LZP**	3596 0226
Art. No. 3598 0388 – K-1tlg v03 (plastic clip), 10 pcs. Art. No. 3598 0153 – Reducer PG13.5, 2 pcs. Art. No. 3597 0291 – Mounting bracket LZP, 2 pcs. Art. No. 3597 0271 – Wire spring (clip), 2 pcs.	

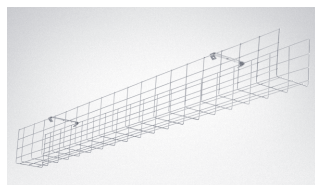# Installation components / Wire mesh protection
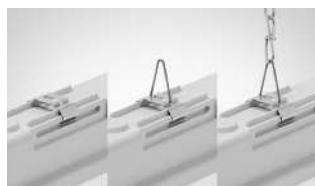
Mounting bracket and chain with hanger.

Suspended mounting from a chain or cable is possible with the included stainless-steel mounting brackets and hangers.

Type		Article No.
Mounting brackets PAC-D	(1-lamp)	3597 0290
Mounting brackets PAC-D / LZP	(2-lamp)	3597 0291
Wire spring (clip)		3597 0271
Chain, 1 bundle, 30 m		7414 9022 •

Two mounting brackets and clips are already included with the luminaire.

Wire mesh protection
Welded, galvanised steel

Wire mesh protection SG 1/36
(figure shows PAC-D EL)

Type	L	W	H	Article No.
SG 1/36 with two brackets each	1305	130	150	3607 8001
SG 1/58 with two brackets each	1605	130	150	3607 8002
SG 2/36 with two brackets each	1305	230	150	3607 8004
SG 2/58 with two brackets each	1605	230	150	3607 8005

• available ex stock

Get ready to switch tovLEDs:
Phase-out of conventional light sources from 2023

The EU has banned the delivery of T5 and T8 fluorescent lamps (among others) and will begin gradually enforcing this ban in 2023.

Regulation / Directive	RoHS 2023-02-25	RoHS 2023-08-25	Ecodesign 2023-09-01	
Compact fluorescent lamps without integrated ballast				
Circular fluorescent lamps T5				
Linear fluorescent lamps T5 14 W, 21 W, 24 W, 28 W, 35 W, 39 W, 49 W, 54 W, 80 W				
Linear fluorescent lamps T8 18 W, 30 W, 32 W, 36 W, 51 W, 58 W				
Additional lamps				

Why is a refurbishment project more important now than ever?

- The switch to LED technology is being enforced by law and subsidised by the federal government
- Improved energy efficiency
- CSR – reducing the carbon footprint
- Significantly improved light quality

The Fluolite service concept:
Upgrade to LEDs with Fluolite

Start replacing your conventional lighting systems with LED technology today. Fluolite is ready to assist you at every step from planning to implementation. We'll make sure your lighting is upgraded quickly and professionally.

We look forward to receiving your enquiry.

The Fluolite service concept is divided into 3 phases:

Phase 1

Needs assessment

- Define goals
- Carry out an inventory
- Identify what is missing

Phase 2

Planning

- Select the required products
- Create a lighting plan based on the chosen products
- Coordinate the lighting solution

Phase 3

Implementation

- Determine the project costs
- Prepare an amortisation calculation
- Project release
- If applicable, submit a funding application
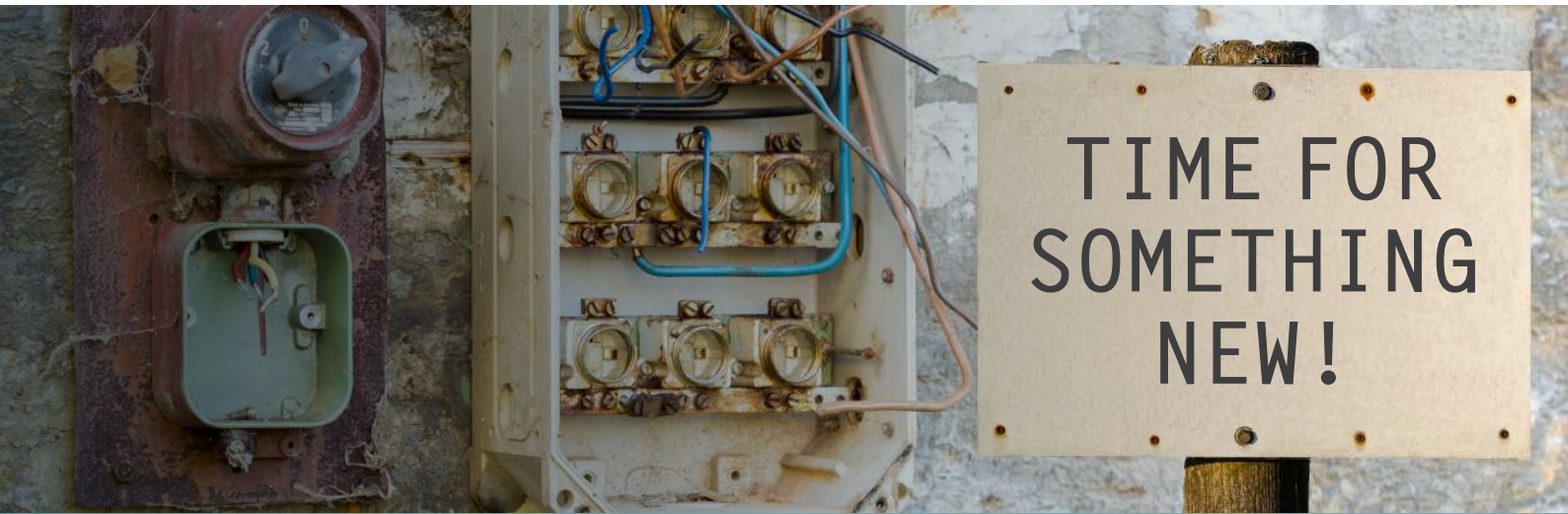- Project execution

Subsidies of up to 15 % for LED conversions.

Thanks to the federal subsidies for efficient buildings (BEG), you can obtain financial support for renovation projects that will permanently reduce the building's energy costs and help to protect the climate.

Lighting refurbishment

TIME FOR SOMETHING NEW!

LED upgrades for buildings:
Federal funding programme for greater efficiency and sustainability

Funded measures:

Energy-efficient lighting systems

Indoor lighting systems
- with high system luminous efficacy
  - Indoor luminaires with at least 120 Lm/W
  - Trunking-mounted LED luminaires with at least 140 Lm/W
- with consistently high luminous flux (> L80 | 50,000 operating hours)
- Complete luminaire replacement (not just individual components)

Including
- Ancillary work (e.g. dismantling, assembly)
- Components
- Creation of a lighting concept

Lamps that are not permanently installed (e.g. retrofit, replacement lamps) are not eligible.

Eligibility requirements

- The existing lighting installation is older than 5 years
- After implementation of the measure, continued use for at least 10 years must be ensured
- Involvement of an external energy efficiency expert
  - Support with energy planning
  - Preparation of a technical project description for the chosen measure
    - Preparation of technical project verification after completion of the measure
- Investment volume of at least € 2,000 (net)

Eligible applicants:

Who is eligible?

- **Private individuals** and homeowners' associations
- **Freelance professionals**
- **Municipal regional authorities**, municipal associations and administration unions as well as legally dependent proprietary enterprises run by municipal regional authorities
- **Non-profit organisations** including churches
- **Companies**, including sole traders and municipal companies
- **Other legal entities** under private law including housing cooperatives
- **Property owners, tenants, leaseholders**

Funding applications must be submitted before the refurbishment project starts.

Duration of the funding programme / funding amounts

- The funding programme began on 1 January 2021 and will run until 31 December 2030
- Implementation within 24 months after notification of funding (= approval period)
- Eligible investments max. € 1,000 per sqm and year, up to a max. total of € 5 million per year
- Funding rates (grant): 15 % for individual measures and 50 % for the application and construction supervision
- The funding programme is not subject to the EU rules on state aid

Luminaires with a higher protection grade

Luminaires for special applications

Surface-mounted luminaires

Wall and ceiling luminaires

Lay-in and panel luminaires

Trunking systems and trunking inserts

High-bay luminaires

Ball-proof luminaires

Please check each individual product you wish to purchase to see if it is eligible.

Learn more about the BEG funding guidelines:

Chemical resistance

This table provides an overview of the chemical resistance of the key materials used in luminaire construction. Subsequent problems and complaints can often be pre-empted by referring to this information. The type and composition of the chemical substances can cause the materials of the luminaires to deteriorate at different temperature ranges.

Example applications where material deterioration may occur:
a) Food processing industry, kitchens, meat processing areas, cheese factories, dairies (also due to the cleaning agents used here).
b) In areas where oils, greases and lubricants or chlorine vapours occur more frequently or direct contact with these substances is possible – diffusers made of PMMA in conjunction with V2A closures should be used.

The information on chemical resistance refers to an ambient temperature of approx. 22 °C.

Please note that high-pressure cleaners must not be used.
When cleaning the diffusers/ housings, we recommend using a weak solution of the appropriate agents.

The use of chemical cleaning agents is possible to a limited extent, however please consult us first.

● Resistant
○ Limited resistance
x Not resistant
— Not tested

Chemical substance	Glass-fibre-reinforced polyester (GRP)	Polymethyl methacrylate (PMMA)	Poly-carbonate (PC)	Noryl® closure	Stainless-steel closure
Acetone	x	x	x	x	●
Alcohol up to 30 %	●	●	●	●	●
Alcohol, concentrated	○	x	x	●	●
Aliphatic hydrocarbons	○	○	●	○	●
Accumulator acid	●	●	●	—	●
Ammonia 25 %	x	●	x	●	●
Aniline	x	x	x	x	●
Aromatic hydrocarbons	○	x	x	x	●
Ether	○	x	x	○	●
Ethyl acetate (ester)	x	x	x	●	●
Benzene	x	x	x	x	●
Benzine (cleaning solvent)	●	●	●	x	●
Beer	●	●	●	●	●
Blood	●	●	●	●	●
Bromic acid	x	x	x	x	—
Chloroform	x	x	x	x	—
Chlorophenol	x	x	x	x	—
Diesel fuel	●	●	○	○	●
Dioxane	x	x	x	x	●
Acetic acid up to 5 %	●	○	●	—	—
Acetic acid up to 30 %	x	x	●	—	—
Ethanol up to 30 %	●	○	●	●	●
Ethanol above 30 %	x	x	●	●	●
Mineral fat	●	●	x	x	●
Vegetable fat	●	●	x	x	●
Animal fat	●	●	x	x	●
Glycerine	●	●	○	x	●
Glycol	●	●	●	●	●
Glysantine	●	●	●	—	●
Heating oil	●	○	x	x	●
Potash lye 30 %	x	●	x	○	●
Milk of lime	●	●	○	○	●
Carbon dioxide	●	●	●	●	●
Carbon monoxide	●	●	●	●	●
Saline solution	●	●	●	●	○
Ketones	x	x	x	x	●
Lysol	x	x	x	x	●
Seawater	●	●	●	●	○
Methanol	x	x	x	x	x
Lactic acid, aqueous 10 %	●	●	●	●	●
Caustic soda 2 %	x	●	x	●	●
Caustic soda 10 %	x	●	x	●	●
Regular petrol	●	x	○	x	●
Petroleum ether	—	●	○	x	●
Pyrin	x	x	x	x	●
Phenol	x	x	x	x	●
Nitric acid up to 10 %	x	●	●	●	x
Nitric acid up to 20 %	x	○	○	●	x
Nitric acid above 20 %	x	x	x	●	x
Hydrochloric acid up to 10 %	x	●	●	●	x
Hydrochloric acid above 20 %	x	●	○	●	x
Sulphuric acid up to 50 %	●	●	●	●	x
Sulphuric acid up to 70 %	x	○	○	●	x
Sulphuric acid above 70 %	x	x	x	○	x
Sulphurous acid up to 5 %	○	○	x	●	x
Hydrogen sulphide	●	●	●	—	—
Soap solution	●	●	●	●	●
Silicone oil	●	○	●	x	●
Soda	●	●	●	●	●
Premium petrol	●	x	x	x	●
Synthetic detergent solution	●	●	○	○	●
Turpentine oil	●	○	○	x	●
Carbon tetrachloride	x	x	x	x	●
Water up to 60°C	●	●	●	●	●
Hydrogen peroxide up to 40 %	x	x	○	x	●
Hydrogen peroxide above 40 %	x	x	○	x	●
Xylene	x	x	x	x	●

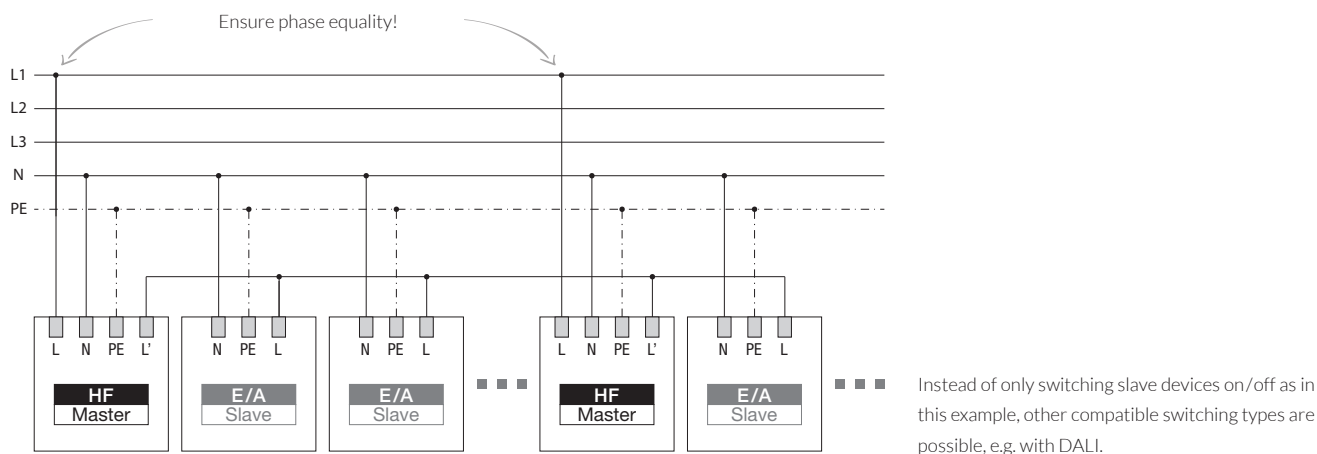**The code for your light!**
Scan it to learn more: www.fluolite.de

Technical information – HF sensor

Connection diagram master / slave

Ensure phase equality!

L1
L2
L3
N
PE

L	N	PE	L'		N	PE	L		N	PE	L		L	N	PE	L'		N	PE	L

HF Master | **E/A Slave** | **E/A Slave** | **HF Master** | **E/A Slave**

Instead of only switching slave devices on/off as in this example, other compatible switching types are possible, e.g. with DALI.

Maximum switching capacity = 400 VA (Watts)

Example 1:

RKL 2 LED with 12 watts each:
1 x luminaire with HF sensor & max. 32 x RKL 2 LED On/Off
2 x luminaire with HF sensor & max. 31 x RKL 2 LED On/Off

Example 2:

RKL 4 LED with 37 watts each:
1 x luminaire with HF sensor & max. 9 x RKL 4 LED On/Off
2 x luminaire with HF sensor & max. 8 x RKL 4 LED On/Off

Detection zone

1 – 9 metres, depending on installation type (wall or ceiling)

The detection zone can be narrowed down by selecting the combination with the DIP switches.

Time cycle

5 seconds – 30 minutes

When a movement is detected, the time cycle can be selected by configuring the DIP switches. This function is deactivated when there is sufficient daylight.

Twilight threshold

2 Lux – 50 Lux

To prevent unnecessary activation of the lights when there is sufficient daylight, the threshold value for the residual light detection can be set.
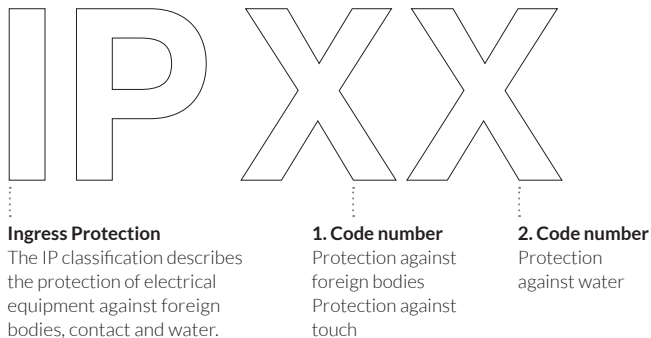
Precautions for product installation and commissioning for luminaires with HF motion sensors are available at:
www.fluolite.de/download

IP protection grades

Luminaires and other electrical equipment must not pose a hazard under any circumstances. Therefore, they must undergo certain tests depending on the requirements and intended use. In this way, safe operation is guaranteed over the entire lifetime of the product. By means of the IP protection grade and protection class, the requirements are defined in detail on the basis of various standards.

IP XX

Ingress Protection
The IP classification describes the protection of electrical equipment against foreign bodies, contact and water.

1. Code number
Protection against foreign bodies
Protection against touch

2. Code number
Protection against water

What is the protection grade?

The protection grade defines the suitability of electrical equipment for certain environmental conditions. Depending on the classification, the unit must be protected to a greater or lesser degree against the ingress of moisture and other foreign bodies. The impact resistance is also determined by the protection grade.

What does the IP protection grade mean?

The abbreviation **IP** stands for **International Protection**. It is also commonly referred to as "ingress protection", which means protection against penetration by external elements. Next to the IP abbreviation there are **two code numbers** which define the exact classification of the protection grade. These code numbers are defined in the German standard **DIN EN 60529** and the international standard **ISO 20653**. Compliance with the protection grade is the responsibility of both the installer during installation and the operator during the service life of the lighting installation.

First code number	Protection against foreign bodies and touch	Second code number	Protection against water (liquids)
IP 0X	No protection against foreign bodies, no protection against touch.	**IP** X**0**	No protection against water.
IP 1X	Protection against foreign bodies with Ø ≥ 50 mm; protection against extensive contact with the hand.	**IP** X**1**	Protection against vertically falling drops of water.
IP 2X	Protection against foreign bodies with Ø ≥ 12 mm; protection against touching with the finger.	**IP** X**2**	Protection against drops of water falling diagonally at up to 15°.
IP 3X	Protection against foreign bodies with Ø ≥ 2.5 mm; protection against contact with tools or wire.	**IP** X**3**	Protection against drops of water falling diagonally at up to 60°.
IP 4X	Protection against foreign bodies with Ø ≥ 1.0 mm; protection against contact with tools or wire.	**IP** X**4**	Protection against splashing water from all directions.
IP 5X	Protection against internal dust deposits; complete protection against touch	**IP** X**5**	Protection against jets of water from any direction.
IP 6X	Dust-proof; complete protection against touch.	**IP** X**6**	Protection against strong jets of water.

Protection classes

The protection class indicates which protective measures are necessary against direct or indirect contact. A distinction is made between protection classes I and II.

⏚ Protection class 1 (I)

In **protection class I**, the protection goal is achieved by insulating live parts (so-called "basic insulation") and by connecting conductive exposed metal parts to the **earth conductor**.

▢ Protection class 2 (II).

In equipment that complies with **protection class II**, live parts are covered with **protective insulation** in addition to the basic insulation. An earth-conductor connection is not necessary. System-specific protective measures are not necessary.

Certification marks

Only luminaires with a limited surface temperature may be used in operating sites where a fire hazard exists. In premises where a fire hazard exists due to dust and/or fibres, the luminaires must also be designed to prevent the dust and fibres from accumulating on them in dangerous quantities. In such areas, luminaires with the ▽ symbol are guaranteed to meet the requirements for a limited surface temperature.
Luminaires marked with the ▽ symbol are suitable for rooms with an elevated fire risk. To limit their surface temperature, they are equipped with suitable lamps and gear.

The CE-marking is the responsibility of the manufacturer. In doing so, the latter confirms that the product conforms to the respective EC or EU Directives. Conformity with the Low Voltage Directive and the EMC Directive (immunity to interference, emitted interference) is a prerequisite for the CE-marking of our luminaires.

IK impact resistance grade

The IK impact resistance grade indicates the design-related protection of a housing against strong mechanical impacts and shock stress. The European standard IEC 62262 lists 10 protection grades for impact resistance. It regulates the minimum impact energy in joules (J) that the housing must be able to withstand in order to ensure continued safe operation.

IK number	Impact resistance (joules)	Protection against	Distance	Luminaires	Page
IK 00	No protection	Not tested		–	
IK 01	Resistance to shocks with an impact energy of up to 0.15 joules	Blow from hammer weighing 200 g	7.5 cm	–	
IK 02	Resistance to shocks with an impact energy of up to 0.20 joules	Blow from hammer weighing 200 g	10 cm	ALSF, Euro-Line Aqua, AOT, AOT Mini, Euro-Line, Euro-Line Mini, DeSpl LUX ML, LUX RKF, RKF-Z, RKL, RKL 4 MC, RKL-Z, RKL-Aqua Quadro-Lite Modul Four EL TRA Lens PAC-D MaXX | Focus PAC for LEDtube ALSF for LEDtube, Euro-Line Aqua for LEDtube, AOT for LEDtube, Euro-Line for LEDtube	18 – 19 30 – 34 36 – 37 40 – 53 56 61 84 88 93 95 – 96
IK 03	Resistance to shocks with an impact energy of up to 0.35 joules	Blow from hammer weighing 200 g	17.5 cm	PAC-D EL ML, PAC-D EL, PAC-D EL Q, PAC-D HP, PAC-D AI Rondo-Lite 1 x 12 Modul Four TRX Lens PAC-D for LEDtube	13 – 16 22 – 23 57 60 75 93
IK 04	Resistance to shocks with an impact energy of up to 0.5 joules	Blow from hammer weighing 200 g	25 cm	–	
IK 05	Resistance to shocks with an impact energy of up to 0.7 joules	Blow from hammer weighing 200 g	35 cm	–	
IK 06	Resistance to shocks with an impact energy of up to 1 joules	Blow from hammer weighing 500 g	20 cm	RKL/PC RKL-Z/PC RKL-Aqua/PC Rondo-Lite 2 x 4.5 FLAT-A ML, FLAT-A, FLAT-E ARO	46 – 48 50 – 51 52 – 53 57 62 – 65 69
IK 07	Resistance to shocks with an impact energy of up to 2 joules	Blow from hammer weighing 500 g	40 cm	PAC-D/PC EL ML LZP LZP HT LZP for LEDtube Euro-FFL for LEDtube	13 17 24 – 25 94 94
IK 08	Resistance to shocks with an impact energy of up to 5 joules	Blow from hammer weighing 1.7 kg	29.5 cm	HiLu	89
IK 09	Resistance to shocks with an impact energy of up to 10 joules	Blow from hammer weighing 5 kg	20 cm	–	
IK 10	Resistance to shocks with an impact energy of up to 20 joules	Blow from hammer weighing 5 kg	40 cm	InAct	90 – 91

Sustainable products from Fluolite

Help us play our part in protecting the environment.
With the NEW FLUOLITE, you have the right partner at your side.

Our actions are increasingly determined by the need to make ever more efficient use of existing resources. We proactively address the resulting continuous ecological, legal and societal changes.

In the European Union, a package of measures was adopted in the form of the Ecodesign Directive, which, among other things, contains mandatory specifications for the energy efficiency of luminaire components and serves as a reference point with regard to conserving resources and reducing CO_2 emissions.

For our company, this provides the foundation for a product portfolio that is in step with the market and the times, both today and in the future. We have been producing "Made in Germany" luminaires since the 1950s.

Our premium, long-lasting FLUOLITE luminaires are based on our strict quality standards for materials, workmanship, technology and service. Efficient delivery channels, optimised and resource-saving production processes, and interchangeable lighting technology are all cornerstones of our strategy.

- **Manufactured in Germany in accordance with ISO 9001 and ISO 14001 (environmental management system)**
- **Efficient delivery and procurement channels**
- **In-house recycling: returning waste materials to the production cycle**
- **Use of green electricity**
- **Sustainability through replaceable LED modules**

Learn more on our website at:
www.fluolite.de/nachhaltigkeit

LED luminaire warranty
THE FLUOLITE QUALITY PLEDGE

Quality lighting – reflected by our warranty

Premium materials, precise workmanship and reliable partners – these are what make our products so dependable. Furthermore, we consistently adhere to the highest standards – we manufacture and test our products in accordance with the European standard DIN EN 60598 (VDE).

Our free luminaire warranty is based on our total confidence in our luminaire systems and gear. When you purchase a Fluolite product, we guarantee its quality and flawless performance under the terms of the warranty for a period of three or five years, based on the number of operating hours.

Five-year luminaire warranty

Our luminaires with a rated life expectancy of ≥ 50,000 operating hours come with a five-year warranty.

Three-year luminaire warranty

We provide a warranty of up to three years for luminaires with a rated life expectancy of < 50,000 operating hours.

The warranty period starts from the date of invoice. Warranty claims must be submitted immediately after the occurrence of the defect along with our invoice as proof of purchase. The warranty is valid throughout Europe for all LED modules, LED gear and other LED components of our luminaires.

Our warranty is subject to the following terms and conditions:

Our warranty only covers failures due to material, design and manufacturing defects, as well as failures that exceed the rated failure rate of 0.2 % per 1,000 operating hours.

The average rate of decrease in luminous flux of LED modules occurs due to technical reasons up to a value of 0.6 % per 1,000 operating hours, and is therefore not covered by the warranty. As a result of technical advancements, deviations in light characteristics may occur when LED modules are replaced.

Moreover, the validity of any warranty claims is dependent on the fact that
- our luminaires are used as intended and the technical limit values are complied with;
- no modifications are made to our luminaires;
- their installation and maintenance is carried out by qualified personnel in accordance with the installation and maintenance instructions.

Our warranty includes the following services:

Our warranty extends to repair, replacement or crediting of the purchase price at our discretion. In the event of a replacement delivery, we shall be authorised to deliver a replacement product that deviates from the original due to technical advancements.

Any costs associated with the installation and removal of the defective product or the replacement product, as well as the costs of scaffolding and lifting platforms, transport, shipping and disposal are not covered under our warranty. We are also not liable for any other damage resulting from the failure of the luminaires.

The performance of a warranty service does not result in an extension of the warranty period.

The customer's statutory warranty rights shall remain unaffected. In all other respects, our general terms and conditions of sale shall apply.

Technical notes:
Special technical features, such as DALI versions, emergency lighting, HF sensors, etc. are available on request for almost every luminaire type.
We can also manufacture special luminaires based on your requirements or specifications.
Technical data as well as EPREL information can be found on the data sheets for each luminaire and on our website at www.fluolite.de.

Our luminaires comply with European technical standards and are CE-certified.

LED technology is subject to continuous advancements. The stated efficiency values reflect the state of the art at the time of printing. Continuously updated values are available on our website.

This document is subject to errors and amendments. All stated dimensions (mm) are approximate.

Notes
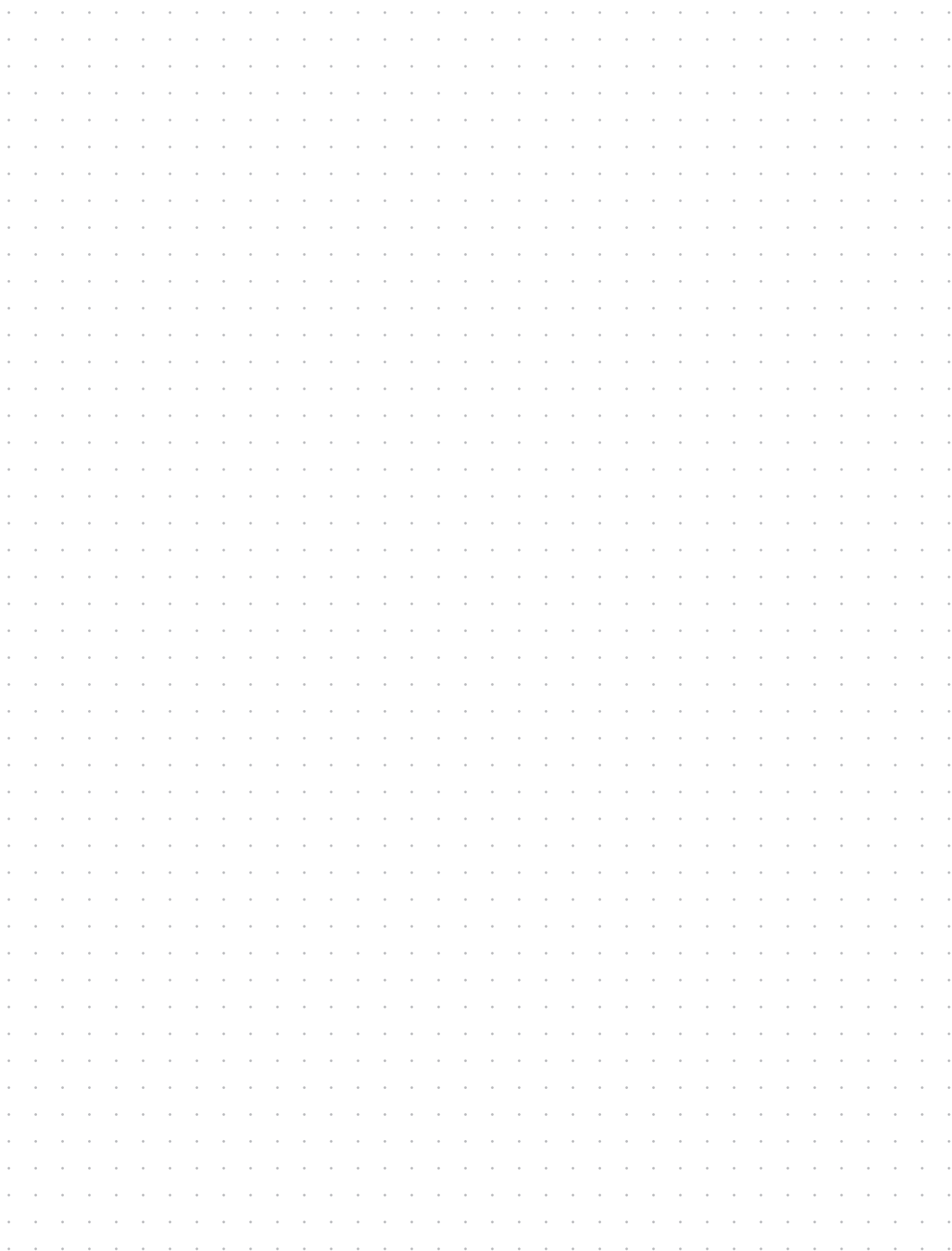
Notes

FLUOLITE

FLUOLITE

**COMPETENCE IN
LIGHT & LUMINAIRES**

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QUALITY FROM SOUTHERN
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