**MODELS:**

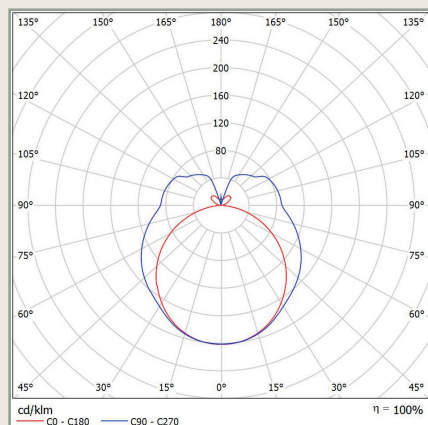
Voltage	Output	Number of poles	Cable gland	Luminous Flux	R _a	Beam Angle	Length	Weight	Order Number
220 - 240 V AC	30 W	2 pole	M16	4,000 lm	> 80	110°/158°	1,200 mm	1,0 kg	KLF28
		3 pole	M20			110°/140°		1,2 kg	KLF30/3P1200
								1,600 mm	1,5 kg
	45 W	2 pole	M16	6,000 lm		110°/158°	1,600 mm	1,4 kg	KLF48
		3 pole	M20			110°/140°		1,5 kg	KLF45/3P
						66 W		2 pole	M16
	3 pole	M20	1,6 kg	KLF66/3P					

SPECIAL FEATURES:

- up to 133 lm/W or 136 lm/W
- colour temperature: 4,000 K
- life-time L90B10 (up to 50,000 hours)
- protection class: IP66
- housing made of polycarbonate
- ambient temperature: -30°C bis +40°C
- including mounting clips with easy-click fixation made from stainless steel
- optional mounting clips with safety screws (Order No.: KLF/MKS)
- 2 pole through-wiring with connection terminal up to 1,5 mm² or
3 pole through-wiring with connection terminal up to 2,5 mm²
- suitable to be used in companies of the food and beverages sector that are certified according to IFS version 6 and/or BRC Global Standard Food Version 7
- high efficiency
- similar to daylight
- designated long-life cycle
- dustproof and water-jet-proof
- IK10, impact-resistant
- also suited for use when temperatures greatly fluctuate in both indoor and outdoor areas
- convenient installation
- anti-vandalism
- number of linking luminaires per circuit depending on model (permanently installed)
 - 30 W: up to 33 luminaires
 - 45 W: up to 24 luminaires
 - 66 W: up to 21 luminaires

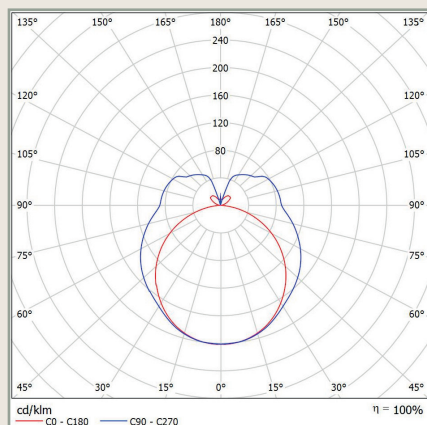
- other models on request / subject to modification and errors -

LIGHT EMISSION KLF28:



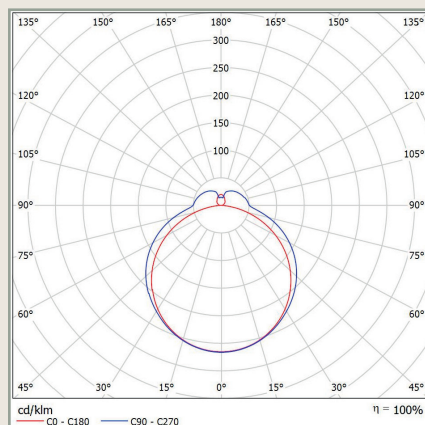
Horizontal: 110° / Vertical: 158°

LIGHT EMISSION KLF48:



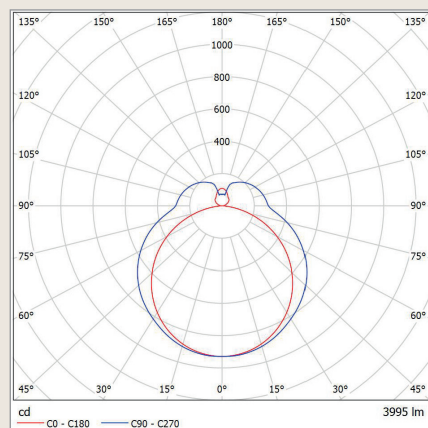
Horizontal: 110° / Vertical: 158°

LIGHT EMISSION KLF66:



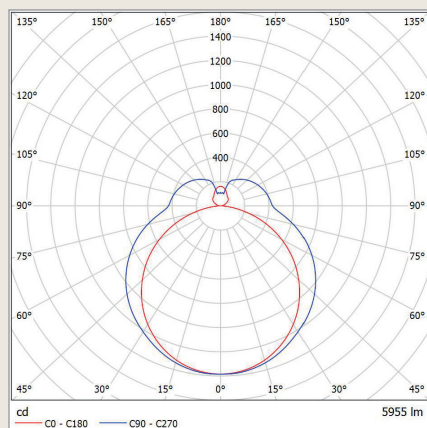
Horizontal: 110° / Vertical: 127°

LIGHT EMISSION KLF30/3P:



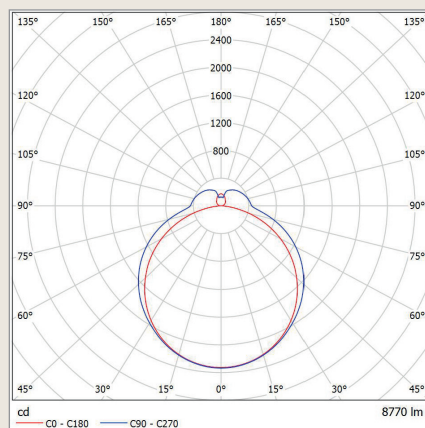
Horizontal: 110° / Vertical: 140°

LIGHT EMISSION KLF45/3P:

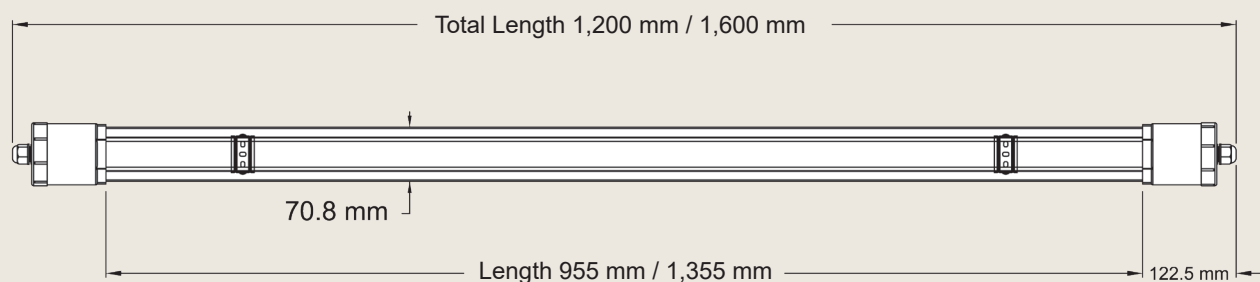


Horizontal: 110° / Vertical: 140°

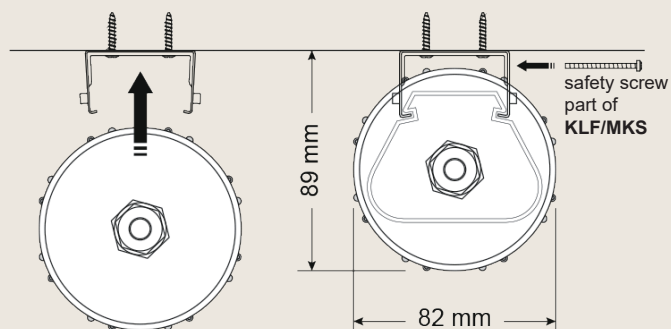
LIGHT EMISSION KLF66/3P:



Horizontal: 110° / Vertical: 127°



MOUNTING OPTIONS:



ACCESSORIES:

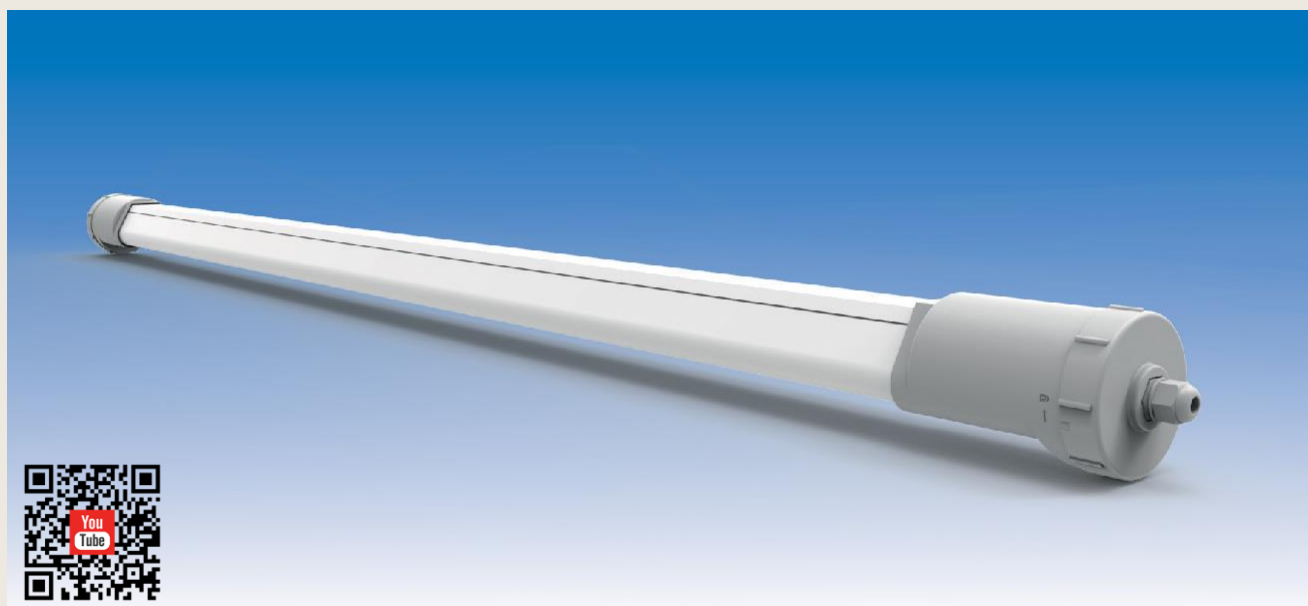
Order No.

2 pieces mounting clips with safety screw **KLF/MKS**

2 pieces end-caps with cable gland M16 (cable diameter 5 - 10 mm) **KLF/KAPSETM16**

or
cable gland M20 (cable diameter 6 - 12 mm) **KLF/KAPSETM20**

- other models on request / subject to modification and errors -



CONFIGURATIONS:

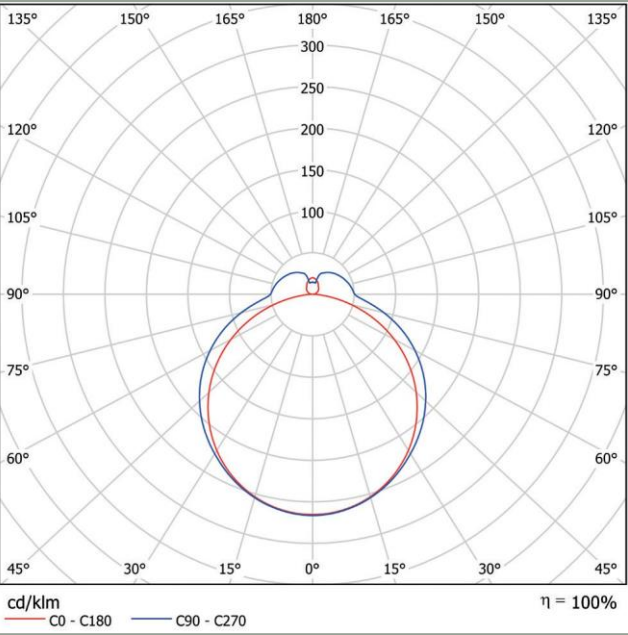
Voltage	Power	Number of poles	Screw connection	Luminous flux	R _a	Beam angle	Length	Weight	Order no.
220 - 240 V AC	45 W	3 pole	M20	5,600 lm	> 80	110°/127°	1,200 mm	1.5 kg	KLF45/3P/DIM

SPECIAL FEATURES:

- up to 125 lm/W
 - Colour temperature: 4,000 K
 - Service life L90B10 (up to 50,000 hours)
 - Protection class: IP66
 - Polycarbonate housing
 - Ambient temperature: -20°C to +40°C
 - Including mounting clamps with stainless steel snap lock
 - Mounting brackets including locking screws available as accessories (item no.: KLF/MKS)
 - 3-pole through-wiring with a connection terminal up to 2.5 mm²
 - including remote control for programming the motion and daylight sensors
 - Variable programming possible via the remote control
 - Suitable for use in food and beverage companies certified to IFS version 6 and/or BRC Global Standard Food version 7
- high light output
 - similar to daylight
 - proven longevity
 - dustproof and resistant to powerful jets of water
 - IK10, mechanical resistance (protection against impacts up to 20 joules)
 - Can also be used with large temperature fluctuations indoors and outdoors
 - simple attachment
 - Protection against vandalism
 - up to 7 lights can be connected per circuit (permanently installed)
 - Factory presets:
 - 100% sensitivity of the motion sensor, 100% light intensity for a period of 5 seconds, then 25% light intensity for an unlimited period, inactive daylight sensor
 - Motion sensor sensitivity: 25 / 50 / 75 / 100%
 - Duration of 100% light intensity after the movement ends: 5 sec. / 30 sec. / 3 min. / 30 min.
 - Duration of 25% light intensity until switching off: 0 sec. / 1 min. / 10 min. / + ∞ (unlimited duration)
 - Daylight sensor: 5 lx / 30 lx / 150 lx / deactivated

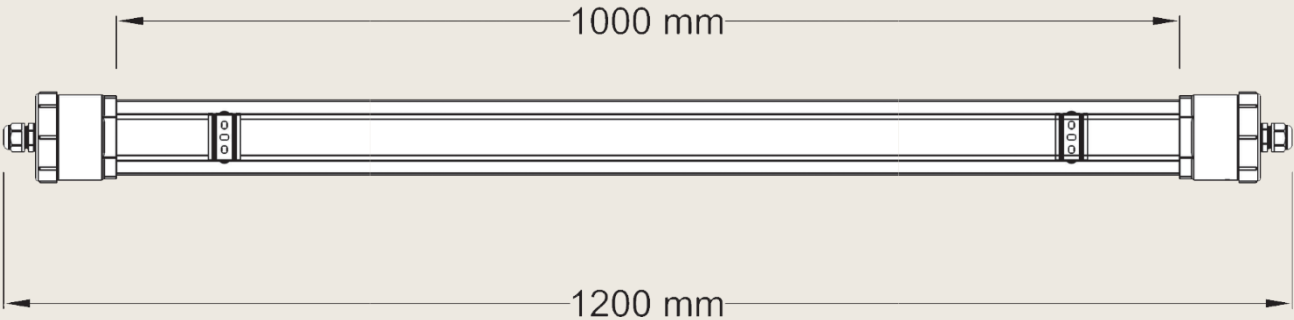
– other models on request / subject to modification and errors–

LIGHT OUTPUT KLF45/3P/DIM:

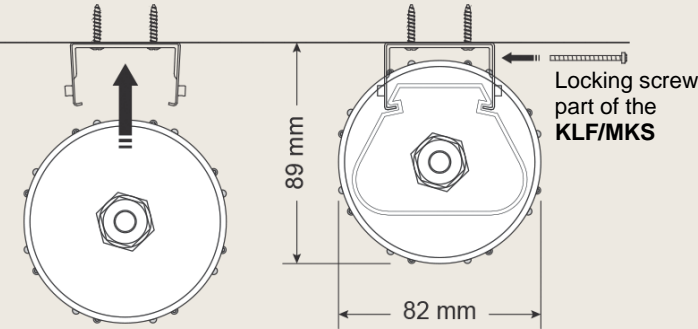


Horizontal: 110° / Vertical: 127°

DIMENSIONS:



MOUNTING OPTIONS:



ACCESSORIES:

2 mounting clamps
with locking screw

2 end caps with M20
cable gland for a cable
cross-section of 2.5mm²

Order no.

KLF/MKS

KLF/KAPSETM20

—other models on request / subject to modification and errors—