

Surface-mounted lights

ML FLAT



Variant - 26,5cm: **MLF7.01** (7 W, ca. 900 lm)

Variant - 35,0cm: **MLF14.01** (14 W, ca. 1870 lm)

Variant - 64,0cm: **MLF28.01** (28 W, ca. 3740 lm)

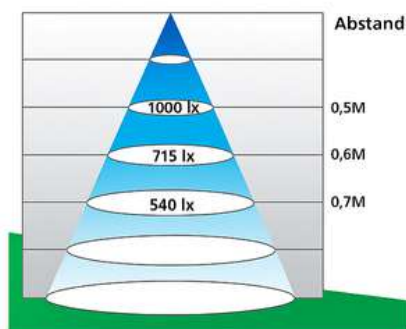
Variant - 93,0cm: **MLF42.01** (42 W, ca. 5610 lm)

TECHNICAL DATA

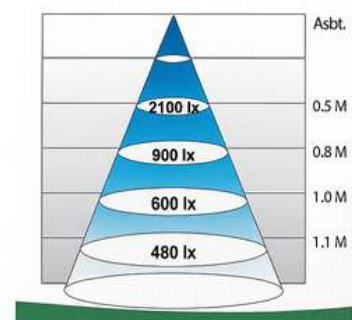
W	7 / 14 / 28 / 42
kg	0,65 / 0,9 / 1,8 / 2,4
Lm	900 / 1870 / 3740
	5610
K	5700
CRI	> 80 (typ. 83)
IP	67
Lux	50cm → 1000 lx / 2100 lx / 3800 lx / >4000 lx

Material:	Anodized aluminum profile, die-cast end caps
Connection voltage:	24 V DC (+/- 4 V)
Beam angle:	120°
Light source:	Linear LED modules - mid-power LEDs
Cover:	Transparent borosilicate glass, integrated microprism lens
Warranty:	2 years
Power connection:	M12 connector (5-pin, A-coded), external power supplies on request
Control gear:	Integrated LED driver, connection to 24 V DC low voltage, stabilized DC operation
Service life:	40,000 h
Temperature range:	0° to +40° C
Protection class:	III
Delivery:	Includes light source, includes 2 metal mounting brackets with lockable swivel function

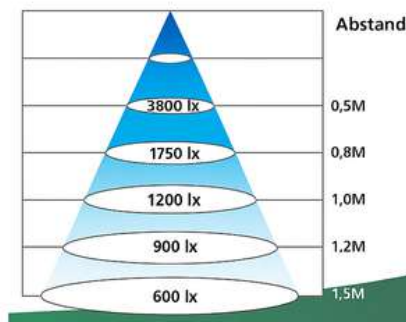
MLF7.01
L = 265 mm
7 W



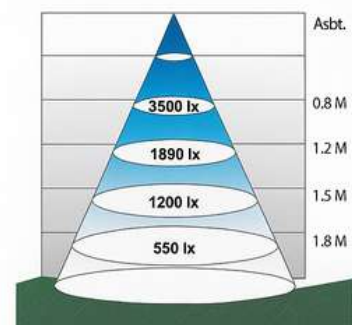
MLF14.01
L = 350 mm
14 W



MLF28.01
L = 640 mm
28 W



MLF42.01
L = 930 mm
42 W

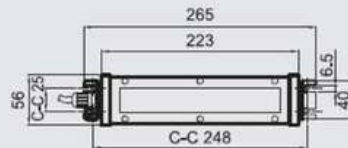


DIMENSIONS

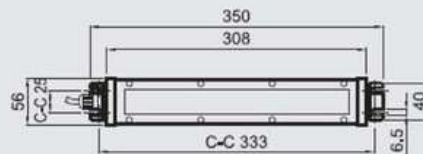
Querschnitt



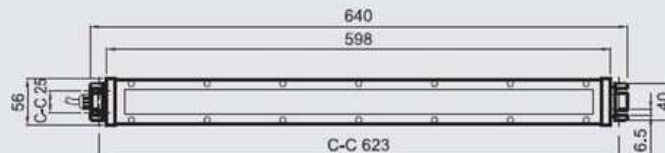
MLF7.01
L = 265 mm
7 W
0,65 kg



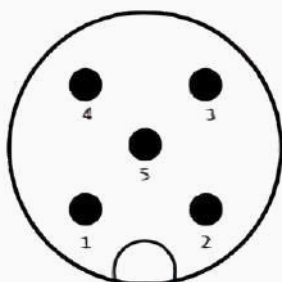
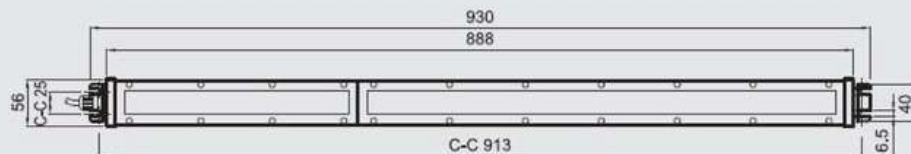
MLF14.01
L = 350 mm
14 W
0,9 kg



MLF28.01
L = 640 mm
28 W
1,8 kg



MLF42.01
L = 930 mm
42 W
2,4 kg



M12/5-polig, A-codiert

1 = braun	24 V DC
2 = weiß	nicht belegt
3 = blau	0 V DC
4 = schwarz	24 V DC
5 = grau	nicht belegt

HIGHLIGHTS

- ✓ Robust and durable construction: voltage-proof, vibration- and shock-resistant, waterproof, and oil-resistant.
- ✓ Easy maintenance: The glass cover is not glued but screwed on, making it easy to replace in case of wear or breakage.
- ✓ High durability: Long-lasting illumination with powerful LED light, as no oil or cooling lubricant burns into the glass – and free from infrared and UV light emissions.
- ✓ Efficient light distribution: Despite its slim design, the continuous light emission with a 120° beam angle ensures high brightness and uniform surface lighting.



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