

Machine lights
Series ML-x-UF



Flat
design

Completely
casted

Protection
class
IP 68

Machine lights

Series ML-x-UF

The machine light allows for compact dimensions easy mechanical integration into machines without significantly restricting the space available. A simple electrical installation will be carried over directly to 24 V DC M12 Connector systems. The LC-types have a 5 m PUR/PVC cable with open end.

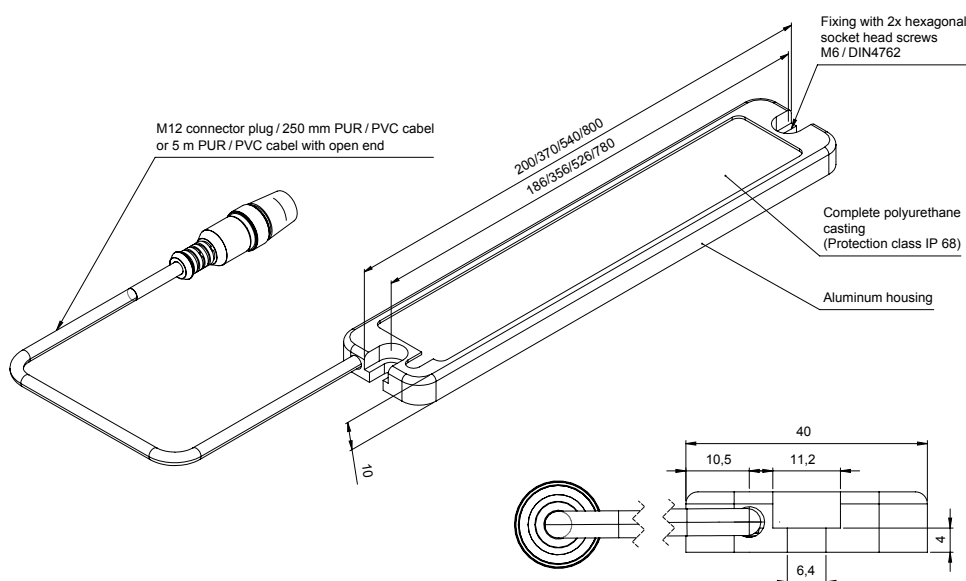
With a robust aluminum housing and a weatherproof, UV resistant and crystal clear polyurethane casting, the LED light from the environment and numerous chemicals such as alkalis, acids and oils, is protected.



The highly efficient LED produce a wide beam angle of 100° and a flicker-free light in the usual daylight quality.

The Series ML-x-UF are available in 5 sizes. This lights are providing space-saving, flat mounting for top or for example door mounting.

TECHNICAL DATA

- Operating voltage 21–27 V DC
- Connection with M12 connector plug / 250 mm PUR / PVC cable or 5 m PUR / PVC cable with open end
- Powerless remote control with 24 V signal
- Dimming with PWM signal
- Resistant to shock or vibration
- Compact, robust and particularly flat design
- Robust aluminium housing
- Fixing with 2x hexagonal socket head screws M6 / DIN 912
- Integrated overvoltage and temperature protection
- Max. ambient temperature 50° C
- Flicker-free illumination in daylight quality, color temperature 5,700 K, Ra ≥ 90
- Protection class IP 68, Protection class 3



Type	Part no.	Power consumption (mA)	Illuminance (lux) 1 m	Dimensions L x W x H (mm)	GTIN/EAN
Version with M12 connector 					
ML-6-UF M12	10232	270	230	200 x 40 x 10	4262388140174
ML-12-UF M12	10233	540	460	370 x 40 x 10	4262388140181
ML-18-UF M12	10234	800	600	540 x 40 x 10	4262388140198
ML-24-UF M12	10249	1,100	900	540 x 40 x 10	4262388140280
ML-36-UF M12	10293	1,600	1,100	800 x 40 x 10	4262388140556
Version with 5 m PUR/PVC cable 					
ML-6-UF LC	10259	270	230	200 x 40 x 10	4262388140327
ML-12-UF LC	10258	540	460	370 x 40 x 10	4262388140310
ML-18-UF LC	10268	800	600	540 x 40 x 10	4262388140402
ML-24-UF LC	10272	1,100	900	540 x 40 x 10	4262388140433
ML-36-UF LC	10580	1,600	1,100	800 x 40 x 10	4262388140686