

Machine lights  
Series ML-3-F  
Series ML-3-R



Completely  
casted

Protection  
class  
IP 68

# Machine lights

## Series ML-3-F

The work 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.

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.

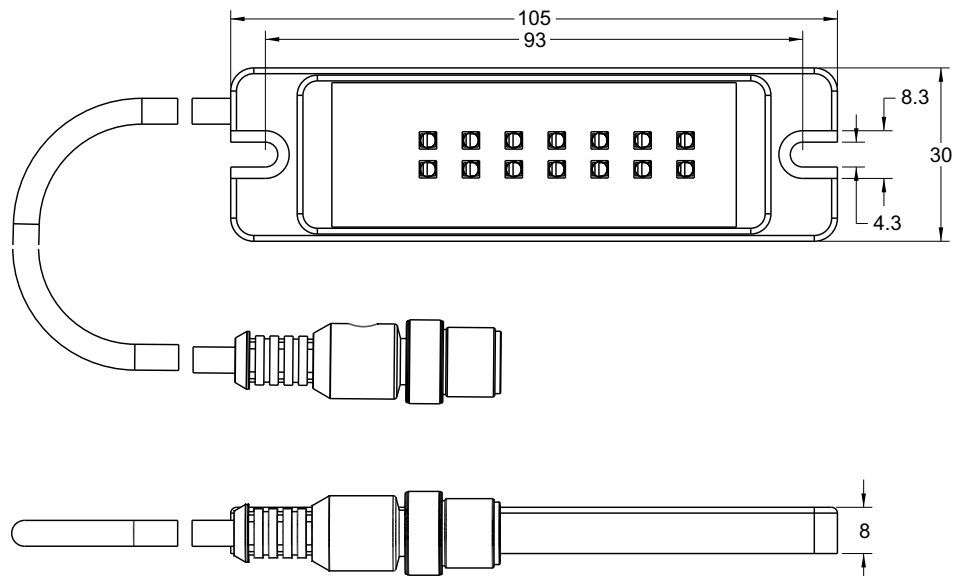
The highly efficient LEDs have a beam angle of 100 degrees and produce a homogeneous, flicker-free light.



### TECHNICAL DATA

- Operating voltage 21–27 V DC
- Connection with M12 connector plug / 250 mm PUR / PVC cable or 3 m PUR / PVC cable (LC design)
- Remote control and dimming with 24 V switching signal (PWM)
- Resistant to shock or vibration
- Compact, robust and flat design
- Completely casted with a transparent PUR encapsulation
- 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

### ACCESSORIES OPTIONAL

- Power supply SN-12-M12
- Extensions V-M12



Type	Part no.	Power consumption (mA)	Illuminance (lux) 1 m	Dimensions L x W x H (mm)	GTIN / EAN
Version with 3 m PVC / PVC cable or M12 connector					
ML-3-F LC	10273	150	100	105 x 30 x 8	4262388140440
ML-3-F M12	10227	150	100	105 x 30 x 8	4262388140150

## Machine lights Series ML-3-R

The work 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 series ML-3-RLC have a 3 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.

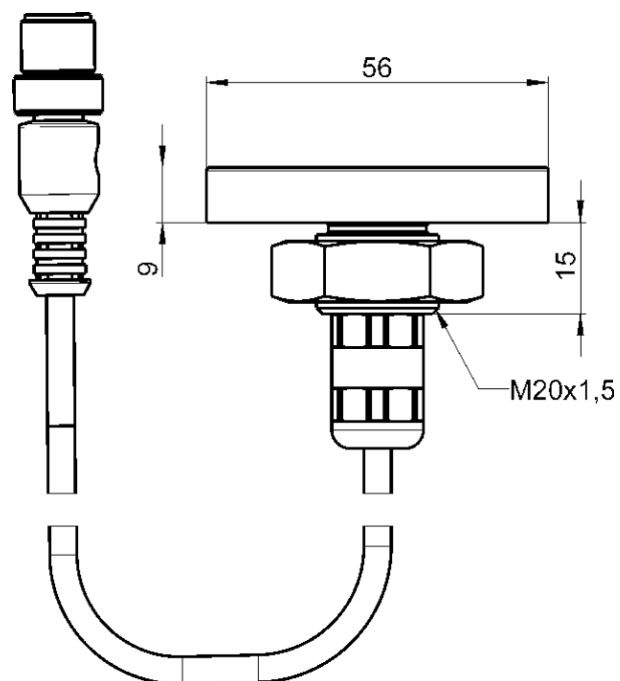
The highly efficient LEDs have a beam angle of 100 degrees and produce a homogeneous, flicker-free light.



### TECHNICAL DATA

- Operating voltage 21–27 V DC
- Connection with M12 connector plug / 250 mm PUR / PVC cable or 3 m PUR / PVC cable (LC design)
- Remote control and dimming with 24 V switching signal (PWM)
- Resistant to shock or vibration
- Robust aluminium housing, black, anodised
- Completely casted with a transparent PUR encapsulation
- 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

### ACCESSORIES OPTIONAL

- Power supply SN-12-M12
- Extensions V-M12



Type	Part no.	Power consumption (mA)	Illuminance (lux) 1 m	Dimensions Ø x H (mm)	GTIN / EAN
Version with 3 m PVC / PVC cable or M12 connector					
ML-3-R LC	10274	150	100	56 x 21	4262388140457
ML-3-R M12	10229	150	100	56 x 21	4262388140167