

Machine lights
Series ML-x-P
Series WML-x-P



180°
rotatable

Completely
casted front
optics

Machine lights Series ML-x-P

The machine light with compact dimensions allows a significantly restricting mechanical integration into machines with limited space. A simple electrical installation directly to 24 V DC via M12 plug connector systems is implemented.

With a **rotatable robust aluminum housing** and the impact-resistant polycarbonate front, the LED lamps are protected against mechanical environmental influences and numerous chemicals such as alkalis, acids and oils .

The highly efficient LEDs – in combination with the **fine prismatic glare** – give a wide viewing angle of approximately 100° and generate a flicker free light in daylight quality.

The series ML-x-P are available in four power classes.

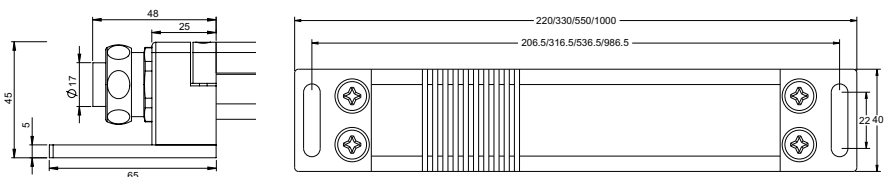
TECHNICAL DATA

- Operating voltage 21.5 -27 V DC
- Connection with M12 connector plug
- Remote control and dimming with switching signal (PWM)
- Robust, rotatable aluminium housing
- Fine prismatic front glass for glare suppression
- Impact resistant polycarbonat front lens
- Hermetically casted front
- Integrated overvoltage and temperature protection
- Max. ambient temperature 50° C
- Color temperature 5,700 K, Ra ≥ 90, beam angle 100°
- IP 68 / IP 69 K protection class, protection class 3

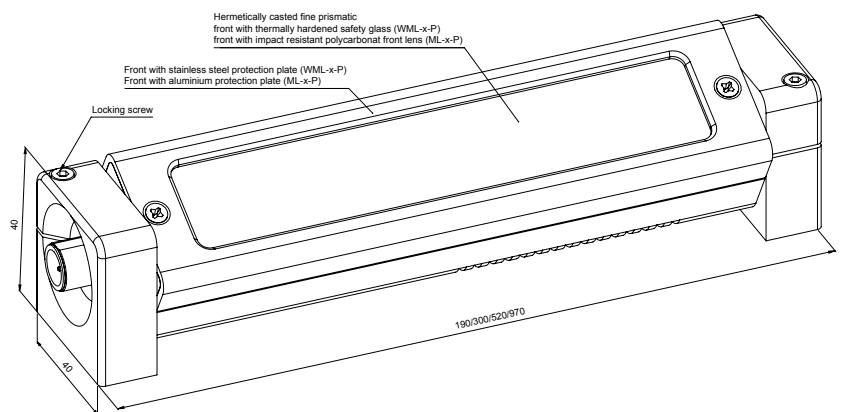


ACCESSORIES OPTIONAL

- Foot plate set ML-x-P-FS
- Foot plate set WML-x-P-FSSA
- Protective sleeve adapter WML-x-P-SSA (M20 x 1,5)
- Protective sleeve WML-P-SS (Cut to length according to customer requirements)
- Connection cables
- DIMM module ML-PWM



With protective sleeve adapter and foot plate set



Type	Part no.	Power consumption (mA)	Illuminance (lux) 1 m	Dimensions L x W x H (mm)	GTIN / EAN
Version with M12 connector					
ML-7-P	10598	300	220	190 x 40 x 40	4262388140693
ML-14-P	10599	600	450	300 x 40 x 40	4262388140709
ML-28-P	10600	1,200	880	520 x 40 x 40	4262388140716
ML-56-P	10601	2,400	1,350	970 x 40 x 40	4262388140723

Machine tool lights Series WML-x-P

The machine light with compact dimensions allows a significantly restricting mechanical integration into machines with limited space. A simple electrical installation directly to 24 V DC is possible with M12 plug connector systems.

With a **rotatable robust aluminum housing** and **thermally hardened safety glass** and **stainless steel front fender**, the LED lamps are protected against hot flying chips and numerous chemicals such as alkalis, acids and oils.

The highly efficient LEDs – in combination with the **fine prismatic glare** – give a wide viewing angle of approximately 100° and generate a flicker free light in daylight quality.

The series WML-x-P are available in four power classes.

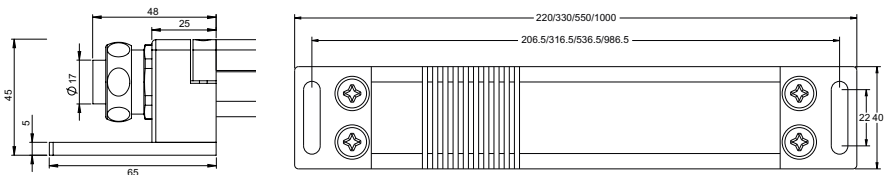
TECHNICAL DATA

- Operating voltage 21.5 -27 V DC
- Connection with M12 connector plug
- Remote control and dimming with switching signal (PWM)
- Robust, rotatable aluminium housing
- Fine prismatic front glass for glare suppression
- Thermally hardened safety glass front lens stainless steel front protection
- Hermetically casted front
- Integrated overvoltage and temperature protection
- Max. ambient temperature 50° C
- Color temperature 5,700 K, Ra ≥ 90, beam angle 100°
- IP 68 / IP 69 K protection class, protection class 3

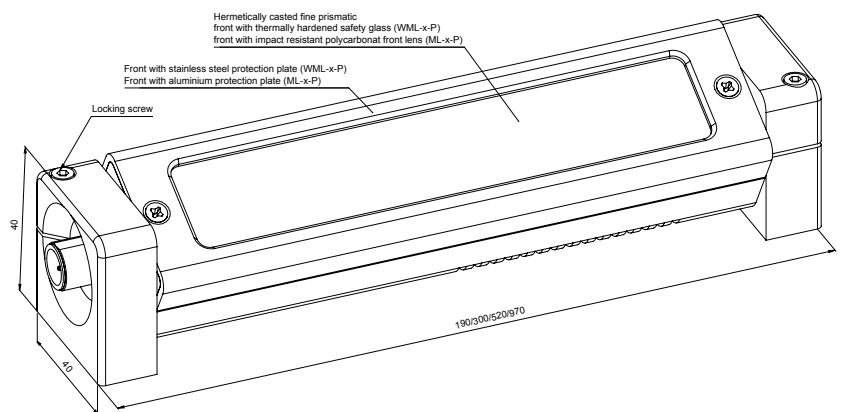



ACCESSORIES OPTIONAL

- Foot plate set ML-x-P-FS
- Foot plate set WML-x-P-FSSA
- Protective sleeve adapter WML-x-P-SSA (M20 x 1,5)
- Protective sleeve WML-P-SS (Cut to length according to customer requirements)
- Connection cables
- DIMM module ML-PWM



With protective sleeve adapter and foot plate set



Type	Part no.	Power consumption (mA)	Illuminance (lux) 1 m	Dimensions L x W x H (mm)	GTIN / EAN
Version with M12 connector 					
WML-7-P	10640	300	220	190 x 40 x 40	4262388141843
WML-14-P	10641	600	450	300 x 40 x 40	4262388141850
WML-28-P	10642	1,200	880	520 x 40 x 40	4262388141867
WML-56-P	10643	2,400	1,350	970 x 40 x 40	4262388141874