ASMETEC

technical products & services

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METO*LIGHT*® LED-Machine Light MML-M9T-Series

LED-Machine Light IP67 to connetct at 24 VDC

METOLIGHT-LED-MML-M9T machine lights are ready-to-connect lights for installation in machines to illuminate the workplace and for operation with the usual 24 V AC / DC on-board voltage. As an option, we also deliver a SolidState relay, with which the luminaire can also be switched by an existing PLC control.

This lamp is optionally available for connection to 230 VAC or 12 VDC, as well as with LEDs with an efficiency of 130 lm / W. The MML-M9T is available in wattages of 8/12/16/18 watts. It is built compact and stable, the lamp body can be swiveled through 90 ° in the brackets supplied. The approx. 100 cm long connection cable is led out at the side

METO*LIGHT*®
LED-Machine-Light
MML-M9T
8 / 12 / 16 / 18 Watt
Kaltweiß - 6000K
24 V DC - IP67 - schwenkbar
85 lm/W

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The built-in high-performance LEDs type 3030 have an efficiency of 85 lm / W at CRI Ra> 80 (optionally CRI Ra 90 available), designed for extra long life time. The LEDs are protected by a clear, break-proof front glass. The light angle is about 36° provided by special lenses to achieve perfect directed light..

The luminaire is conditionally resistant to spray oil, lubricants, etc. The housing is made of anodized aluminum. The assembly is carried out using the retaining clips supplied. Areas of

Application:

Lighting in machines, control cabinets, over workplaces, in trucks, buses, camping, caravans, but also for emergency lighting and on solar systems / batteries.

Warranty: We grant a 2 year guarantee on this lamp. If the warranty claims are justified, the light will be repaired or replaced at our option. Assembly and freight costs are not reimbursed
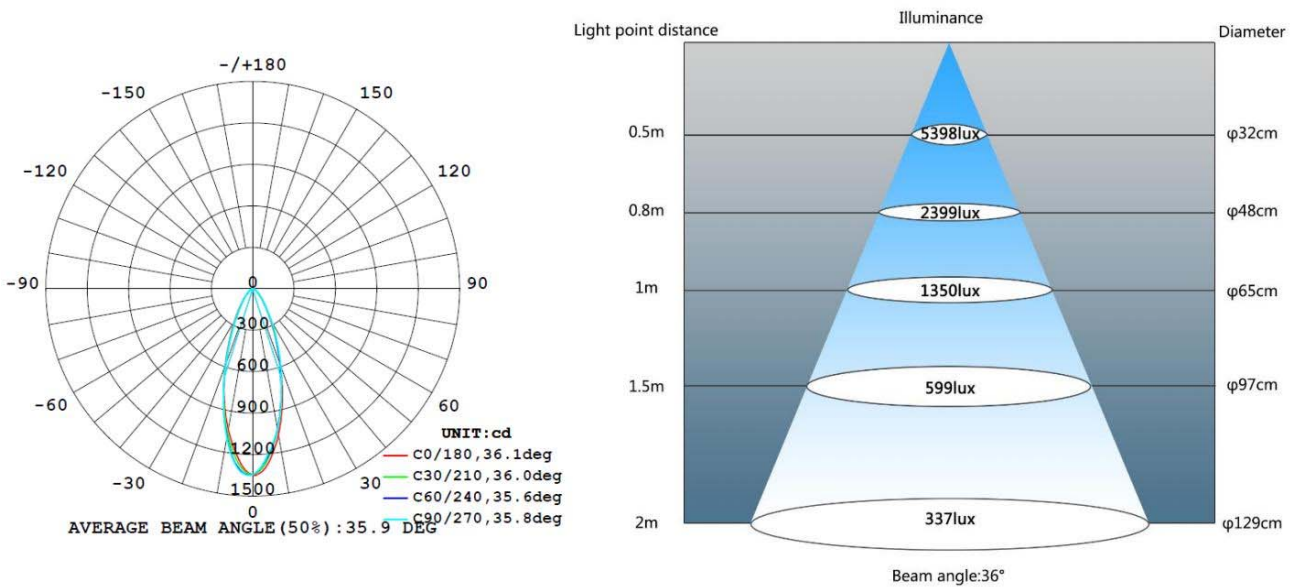
Sizes:
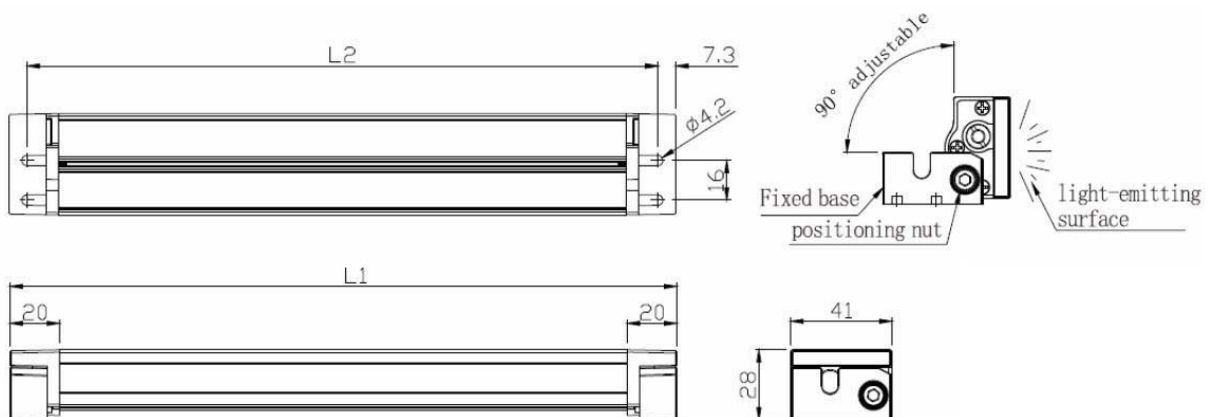
L1	280	380	480	580
L2	262±3	362±3	462±3	562±3

Technical Data:

	MML-M9T-07	MML-M9T-12	MML-M9T-16	MML-M9T-20
Power	8 Watt	12 Watt	16 Watt	18 Watt
Input Voltage	24 VDC	24 VDC	24 VDC	24 VDC
Input Current	300 mA	470 mA	680 mA	840 mA
Light Power	680 lm	1000 lm	1350 lm	1500 lm
Light Color	6000K	6000K	6000K	6000K
CRI Ra	> 80	> 80	> 80	> 80
Beam angle	110°	110°	110°	110°
Sizes	280 x 28 x 41	320 x 28 x 41	420 x 28 x 41	520 x 28 x 41
Environment	-20 ~ +40°C	-20 ~ +40°C	-20 ~ +40°C	-20 ~ +40°C
Humidity	10 ~ 90% rH	10 ~ 90% rH	10 ~ 90% rH	10 ~ 90% rH
IP-Class	IP67	IP67	IP67	IP67
LED-Lifetime	< 50.000h	< 50.000h	< 50.000h	< 50.000h
Warranty	2 year	2 years	2 years	2 years

Light distribution:

Light distribution data (8W)

UNIT:cd
C0/180,36.1deg
C30/210,36.0deg
C60/240,35.6deg
C90/270,35.8deg
AVERAGE BEAM ANGLE(50%):35.9 DEG

Light point distance	Illuminance	Diameter
0.5m	5398lux	φ32cm
0.8m	2399lux	φ48cm
1m	1350lux	φ65cm
1.5m	599lux	φ97cm
2m	337lux	φ129cm

Beam angle:36°

Electrical connection:

DC12/24V Cable

Positive(+): Red
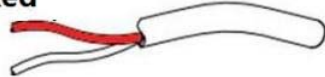
Negtive(-): White

AC100-240V Cable

L : Brown

N : Blue

CE   RoHS COMPLIANT

MML-M9T-DB-E.DOCX, VERSION SEP-21

CE-Konformität
CE-conformity

Dieser Artikel fällt unter die EU-Verordnung
This item is under EC-regulation:
1194/2012.
Er erfüllt die Richtlinien
it fulfils these rules:

ErP   2009/125/EU
NRS/LVD 2014/35/EU
EMV/EMC 2014/30/EU
RoHS   2011/65/EU
WEEE -   2012/19/EU

Asmetec - WEEE
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