



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LED machine light - PLD M 260 W-85/95 540/D40 - 2702482

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



LED machine light, 24 V DC, emission angle 85 °/95 °, color temperature 5000 K, length 540 mm, diameter 40 mm, M12 connector, Light housing: Anodized aluminum, Pane: Single-pane safety glass (ESG, thermally toughened float glass), pivoting, resistant to coolants and lubricants

Product Description

This LED machine light is designed to provide illumination inside or on machinery. You can use the light in harsh environments.

This is possible thanks to:

- The high degree of protection
- Resistance to common cooling agents and lubricants
- Resistance to vibrations and shock
- The 4 mm thick safety glass

The small diameter of just 40 mm enables mounting even where space is at a premium.


Mounting is by means of holders or brackets (neither of which are supplied as standard) in which the light can swivel and the lighting can therefore be optimally aligned.

Why buy this product

- ✓ Space saving, thanks to the small diameter
- ✓ Plug-in supply line enables free choice of the cable length as well as quick and easy installation
- ✓ Focused illumination, thanks to swivel action
- ✓ IP67 protection and resistance to cooling agents and lubricants enables use in machine tools
- ✓ Can be used at high temperatures and can be subjected to strong vibrations and shocks
- ✓ Safety glass enables use even in environments with potential mechanical strain
- ✓ ETL approval permits use on the North American market
- ✓ Particularly economical thanks to energy-efficient LED technology and an LED service life of at least 60,000 h



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 247816 |
| GTIN | 4055626247816 |

Technical data

Dimensions

| | |
|-------|-------|
| Width | 40 mm |
|-------|-------|

LED machine light - PLD M 260 W-85/95 540/D40 - 2702482

Technical data

Dimensions

| | |
|--------------------|---|
| Height | 30 mm |
| Length | 540 mm |
| Note on dimensions | Length without M12 flush-type connector |

Ambient conditions

| | |
|--|-----------------------|
| Ambient temperature (operation) | 0 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 75 °C |
| Permissible humidity (operation) | 95 % |
| Permissible humidity (storage/transport) | 95 % (non-condensing) |
| Air pressure (operation) | 69 kPa ... 102 kPa |
| Air pressure (storage/transport) | 69 kPa ... 102 kPa |
| Degree of protection | IP67 |

General

| | |
|-----------------------|--|
| Note | The PLD M-ME MC/D40 mounting holder (Order No. 2702491) or the PLD M-ME MB/D40 mounting bracket (Order No. 2702527) is required in order to mount the light. |
| Net weight | 800 g |
| Mounting type | Screw mounting |
| Assembly instructions | Mounting with mounting holders or mounting brackets, please observe the notes in the package slip. |

Power supply for module electronics

| | |
|-------------------------------------|-----------------------------|
| Connection method | M12 connector, (A-coded) |
| Number of positions | 4 |
| Permissible conductor cross section | min. 0.34 mm ² |
| Supply voltage | 24 V DC |
| Supply voltage range | 20 V DC ... 28 V DC |
| Current consumption | typ. 0.67 A (at 24 V DC) |
| Power consumption | approx. 16 W (at 24 V DC) |
| Type of protection | Surge protection |
| | Reverse polarity protection |

Connection data

| | |
|-------------------|--------------------------|
| Connection method | M12 connector, (A-coded) |
|-------------------|--------------------------|

Light properties

| | |
|----------------------------------|-------------------------------------|
| Source of light type | LED |
| Number of LEDs | 42 |
| Service life, lighting appliance | 60000 h (L70) |
| Light color | Neutral white |
| Color temperature | 5000 K |
| Color rendering index | 80 |
| Luminous flux | approx. 1680 lm (Net luminous flux) |

LED machine light - PLD M 260 W-85/95 540/D40 - 2702482

Technical data

Light properties

| | |
|----------------------|---|
| Illumination | max. 732 lx (Distance of 1 m) |
| Average illumination | 541 lx (Distance of 1 m over 1 m² area) |
| Emission angle | 85 ° (C0-C180) |

Standards and Regulations

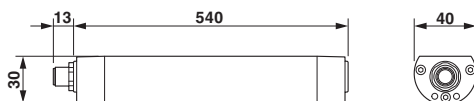
| | |
|------------------|---|
| Mechanical tests | Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 4g |
| | Shock in acc. with EN 60068-2-27/IEC 60068-2-27 50g |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Dimensional drawing



Approvals

Approvals

Approvals

ETLus / cETL / cETLus

Ex Approvals

Approval details

| | | | |
|-------|--|---|---------------------|
| ETLus | | http://www.intertek.com | LV-Lighting-Systems |
|-------|--|---|---------------------|

| | | | |
|------|--|---|------------|
| cETL | | http://www.intertek.com | Luminaires |
|------|--|---|------------|

LED machine light - PLD M 260 W-85/95 540/D40 - 2702482

Approvals

cETLus



<http://www.intertek.com>

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>