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!

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LED machine light - PLD M 280 W-40 284 - 2702491

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LED machine light, 24 V DC, emission angle 40 °, color temperature 6500 K, length 284 mm, Light housing: Anodized aluminum, Pane: Single-pane safety glass (ESG, thermally toughened float glass), 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 safety glass
The IP67/IPX9 protection allows use in machines that undergo high-pressure cleaning.

Why buy this product

☑ Space saving, thanks to the low height

☑ Ready to connect by means of punched-on 3 m supply line

☑ Focused illumination, thanks to 40° emission angle

☑ IP67 protection and resistance to cooling agents and lubricants enables use in machine tools

☑ IP69 protection enables use even under the most demanding requirements in terms of the degree of protection

☑ 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 50,000 h

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626216850

Technical data

Dimensions

Width	74 mm
Height	20 mm

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Technical data

Dimensions

Length	284 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 50 °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/IPX9

General

Net weight	1000 g
Mounting type	Screw mounting

Power supply for module electronics

Connection method	open cable end
Cable length	approx. 3 m
Supply voltage	24 V DC
Supply voltage range	22 V DC ... 26 V DC
Current consumption	typ. 0.54 A (at 24 V DC)
Power consumption	approx. 13 W (at 24 V DC)
Type of protection	Surge protection
	Reverse polarity protection

Light properties

Source of light type	LED
Number of LEDs	6
Service life, lighting appliance	50,000 h (L70)
Light color	daylight white
Color temperature	6500 K ±10 %
Color rendering index	65
Luminous flux	approx. 460 lm (Net luminous flux)
Illumination	max. 869 lx (Distance of 1 m)
Average illumination	347 lx (Distance of 1 m over 1 m² area)
Emission angle	40 °

Standards and Regulations

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

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Drawings

Dimensional drawing
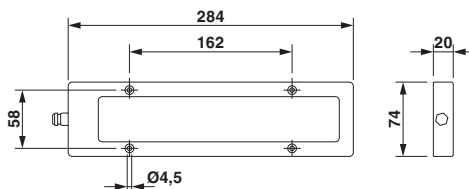
Approvals

Approvals

Approvals

ETLus / cETL / cETLus

Ex Approvals

Approval details

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

cETL		http://www.intertek.com	Luminaires

cETLus		http://www.intertek.com	

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