

PRODUCT NO. 5186-140120

**DOTLUX LED exchangeable module QUICK-FIX24V 500x15mm 7,5W 4000K PU12**



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- Universal LED module (24V constant voltage) for quick and easy replacement of almost all light sources in existing ceiling and wall luminaires
- Simple wiring with full flexibility thanks to integrated constant current drivers. The module only needs to be supplied with 24V DC.
- Secure hold of the module thanks to 2 pre-installed neodymium magnets
- Through-wired spring pressure connection terminals at both ends
- Dimmable via our 24V PWM power supply units, e.g. also DALI
- 12 LED modules incl. 20 matching connectors
- Up to 6 luminaire modules of 10W each can be operated in series connection
- Can be cut to length individually every 10cm (2 mounting holes and additional soldering surfaces per 10cm)
- In addition, 10 mounting holes are available per 50cm module for alternative fastening
- Cable can be used for single-wire wiring (rigid conductors 0.5-0.75mm<sup>2</sup>)
- Incl. release tool for releasing an already inserted cable at the plug-in terminal connection
- ESD contact protection up to 8kV for the complete module
- Can only be ordered in packaging units, not available individually
- 1 PU contains 12 pieces

**ENERGY**

**DOTLUX**  
5186-140120

**7**  
kWh/1000h

<b>SUCCESSION ARTICLE</b>	-
<b>PREDECESSOR ARTICLE</b>	5186-040120
<b>WEIGHT IN KG</b>	0.4
<b>POWER CONSUMPTION IN WATTS</b>	7,5
<b>NET LUMINOUS FLUX IN LUMENS</b>	1420
<b>LUMEN PER WATT</b>	189

**Dimensions**

**length:** 500mm  
**width:** 15mm  
**height:** 15mm

<b>BEAM ANGLE</b>	120
<b>PROTECTION CLASS (IP)</b>	IP20
<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>COLOR TEMPERATURE IN KELVIN</b>	4000
<b>POWER FACTOR</b>	1
<b>SEVERABLE BY MM</b>	100
<b>TC TEMPERATURE IN °C</b>	85
<b>LUMEN PER WATT</b>	189
<b>VOLTAGE TYPE</b>	DC
<b>SWITCH CYCLES</b>	> 100.000
<b>INPUT VOLTAGE SPAN</b>	22-29
<b>WARRANTY IN YEARS</b>	3
<b>L80/B10</b>	50000
<b>DIMMING WITHOUT DIMMER</b>	No
<b>ENABLED LICENSED PRODUCT</b>	Yes
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	22-29
<b>ASSORTMENT</b>	Proline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	B
<b>LIFETIME L80/B10 AT 25°C</b>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	100000
<b>ETIM GRUPPEN-ID</b>	EC000996
<b>NO DIM FUNCTION</b>	Yes

<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM3
<b>CONNECTION TYPE</b>	Push-in clamp
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG0
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>FLEXIBLE</b>	Nein
<b>SUITABLE FOR TRAFFIC LIGHTS</b>	No
<b>EXTERNAL DRIVER REQUIRED</b>	Yes
<b>SUITABLE FOR CONSTANT VOLTAGE</b>	Yes
<b>SUITABLE FOR GENERAL LIGHTING</b>	Yes
<b>SUITABLE FOR CONSTANT CURRENT</b>	No
<b>SUITABLE FOR RAIL TRAFFIC</b>	No
<b>SUITABLE FOR MATRIX INFORMATION BOARDS</b>	No
<b>SUITABLE FOR VARIABLE ROAD SIGNS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	100000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>LIGHT COLOUR ACCORDING TO EN 12464-1</b>	neutral white 3300 to 5300 K
<b>BEG FUNDING</b>	only relevant in Germany
<b>LED-BETRIEBSSTROM IN MA</b>	325
<b>SHAPE</b>	Other
<b>COLOUR</b>	White