

PRODUCT NO. 5829-50

**DOTLUX LED module QUICK-FIXdc 820mm max.14W 500mA (25-28V DC) 3000K Set 50 pieces**



to the product page

- Universal magnetic LED light module for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient 100 watt LED circuit board with lowest current consumption enables a system efficiency of max. 180 Lm/watt
- Glare-free polycarbonate cover with 120° beam angle
- Tool-free replacement of the LED module even by a non-specialist thanks to DC system plug
- Full flexibility thanks to external power supply unit (power supply unit must be ordered separately)
- 2 magnets and 50 cm long connection cable included in the scope of delivery
- Magnetic holders allow, among other things, a direct screw connection to the existing luminaire housing

The properties of the power supply unit also influence the properties of the luminaire system, e.g. dimmable, suitable for central battery, flicker-free, etc.

Recommended ballast not dimmable 100,000 hours Article number: 5136

Power consumption and net luminous flux of the module with different operating currents:

- 14W@ 500 mA = 2290lm = 164lm/W
- 10W@ 350mA = 1650lm = 165lm/W
- 7W@ 250mA = 1180lm = 169lm/W
- 4W@ 150mA = 720lm = 180lm/W

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	4	<b>PROTECTION CLASS (IP)</b>	IP20
<b>POWER CONSUMPTION IN WATTS</b>	4/7/10/14	<b>SERVICE LIFE</b>	approx. 200,000 h at 25°C
<b>NET LUMINOUS FLUX IN LUMENS</b>	720/1180/1650/2290	<b>COLOR TEMPERATURE IN KELVIN</b>	3000
<b>LUMEN PER WATT</b>	180/169/165/164	<b>POWER FACTOR</b>	0,9
		<b>LUMEN PER WATT</b>	180/169/165/164
		<b>PROTECTION CLASS</b>	II
		<b>VOLTAGE TYPE</b>	DC
<b>Dimensions</b>		<b>INPUT VOLTAGE SPAN</b>	25-28
<b>height:</b> 17mm		<b>WARRANTY IN YEARS</b>	5
<b>length:</b> 820mm		<b>L80/B10</b>	100000
<b>width:</b> 20mm		<b>DIMMING WITHOUT DIMMER</b>	No
		<b>ENABLED LICENSED PRODUCT</b>	Yes
		<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	25-28
		<b>ASSORTMENT</b>	Proline
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	B
		<b>LIFETIME L80/B10 AT 25°C</b>	100000
		<b>ETIM GRUPPEN-ID</b>	EC000996
		<b>NO DIM FUNCTION</b>	No

<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>CONNECTION TYPE</b>	Cable
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG1
<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>	No
<b>SUITABLE FOR GENERAL LIGHTING</b>	Yes
<b>SUITABLE FOR CONSTANT CURRENT</b>	Yes
<b>SUITABLE FOR RAIL TRAFFIC</b>	No
<b>SUITABLE FOR MATRIX INFORMATION BOARDS</b>	No
<b>SUITABLE FOR VARIABLE ROAD SIGNS</b>	No
<b>LIGHT COLOUR ACCORDING TO EN 12464-1</b>	warm white <3300 K
<b>BEG FUNDING</b>	Only relevant in Germany
<b>LED-BETRIEBSSTROM IN MA</b>	150/250/350/500
<b>SHAPE</b>	Rectangular
<b>COLOUR</b>	White