

PRODUCT NO. 5823-150

**DOTLUX LED module QUICK-FIXdc 820mm max.14W 500mA (25-28V DC) 4000K 50 pieces**



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- Universal magnetic LED light module for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient 100 watt LED board with lowest current consumption enables a system efficiency of max. 198 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@ 500mA = 2510lm = 179lm/W
- 10W@ 350mA = 1800lm = 180lm/W
- 7W@ 250mA = 1300lm = 186lm/W
- 4W@ 150mA = 790lm = 198lm/W

**ENERGY**  
DOTLUX  
5823-040120

Energy efficiency class: **B**

13 kWh/1000h

2019/2015

SUCCESSION ARTICLE	-
PREDECESSOR ARTICLE	5823-50
WEIGHT IN KG	4.5
POWER CONSUMPTION IN WATTS	4/7/10/14
NET LUMINOUS FLUX IN LUMENS	790/1300/1800/2510
LUMEN PER WATT	198

BEAM ANGLE	120
PROTECTION CLASS (IP)	IP20
Service life	
COLOR TEMPERATURE IN KELVIN	4000
POWER FACTOR	0,9
LUMEN PER WATT	198
VOLTAGE TYPE	DC
SWITCH CYCLES	> 200.000
INPUT VOLTAGE SPAN	25-28
WARRANTY IN YEARS	5
L80/B10	100000
DIMMING WITHOUT DIMMER	No
ENABLED LICENSED PRODUCT	Yes
INPUT VOLTAGE RANGE LUMINAIRE	25-28
ASSORTMENT	Proline

**Dimensions**

**length:** 820mm  
**width:** 20mm  
**height:** 17mm

<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	B
<b>LIFETIME L80/B10 AT 25°C</b>	100000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	0
<b>ETIM GRUPPEN-ID</b>	EC000996
<b>NO DIM FUNCTION</b>	No
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM1
<b>CONNECTION TYPE</b>	Cable
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG1
<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>LIFETIME L70/B50 AT 25°C</b>	0
<b>LIFETIME L90/B10 AT 25°C</b>	0
<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>	150/250/350/500
<b>SHAPE</b>	Rectangular
<b>COLOUR</b>	White