

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.

**ENERGY**

**DOTLUX**  
5823-040120

**A**  
**B**  
**C**  
**D**  
**E**  
**F**  
**G**

**13**  
kWh/1000h

2019/2015

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

SUCCESION 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

Dimensions

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

BEAM ANGLE	120
PROTECTION CLASS (IP)	IP20
Service life	
COLOR TEMPERATURE IN KELVIN	4000
COLOR-RENDERING-INDEX	CRI > 82
POWER FACTOR	0,9
LUMEN PER WATT	198
VOLTAGE TYPE	DC
SWITCH CYCLES	> 200.000
INPUT VOLTAGE SPAN	25-28V DC
WARRANTY IN YEARS	5
L80/B10	100000
DIMMING WITHOUT DIMMER	No
ENABLED LICENSED PRODUCT	Yes
INPUT VOLTAGE RANGE LUMINAIRE	25-28V DC
ASSORTMENT	Proline

<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>	200000
<b>LIFETIME L80/B20 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>	200000
<b>LIFETIME L90/B10 AT 25°C</b>	50000
<b>LIGHT COLOUR ACCORDING TO EN 12464-1</b>	neutral white 3300 to 5300 K
<b>LIFETIME L90/B50 AT 25°C</b>	0
<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