

PRODUCT NO. 5823-150

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



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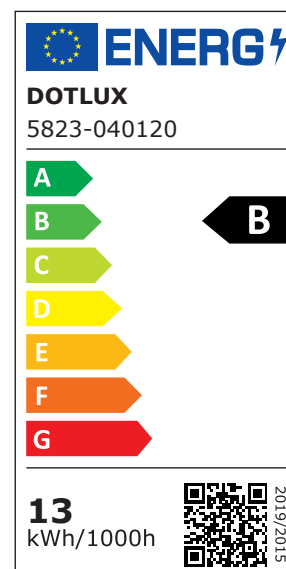
- Universal magnetic LED light module for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient 100 watt LED board with lowest current consumption enables a system efficiency of max. 198 Lm/watt
- Glare-free polycarbonate cover with 120° beam angle
- Tool-free replacement of the 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



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

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

ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	B
LIFETIME L80/B10 AT 25°C	100000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	200000
LIFETIME L80/B20 AT 25°C	0
ETIM GRUPPEN-ID	EC000996
NO DIM FUNCTION	No
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM1
CONNECTION TYPE	Cable
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG1
FLEXIBLE	Nein
SUITABLE FOR TRAFFIC LIGHTS	No
EXTERNAL DRIVER REQUIRED	Yes
SUITABLE FOR CONSTANT VOLTAGE	No
SUITABLE FOR GENERAL LIGHTING	Yes
SUITABLE FOR CONSTANT CURRENT	Yes
SUITABLE FOR RAIL TRAFFIC	No
SUITABLE FOR MATRIX INFORMATION BOARDS	No
SUITABLE FOR VARIABLE ROAD SIGNS	No
LIFETIME L70/B50 AT 25°C	200000
LIFETIME L90/B10 AT 25°C	50000
LIGHT COLOUR ACCORDING TO EN 12464-1	neutral white 3300 to 5300 K
LIFETIME L90/B50 AT 25°C	0
BEG FUNDING	Only relevant in Germany
LED-BETRIEBSSTROM IN MA	150/250/350/500
SHAPE	Rectangular
COLOUR	White