PRODUCT NO. 5831-50

DOTLUX LED module QUICK-FIXdc 1130mm max.22W 500mA (40-45V DC) 3000K Set 50 pieces
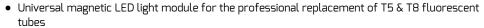
to the product page

- Universal magnetic LED light module for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient 160 Watt LED board with lowest current consumption enables a system efficiency of up to 178 Lm/Watt
- Glare-free polycarbonate cover with 120° beam angle
- Tool-free replacement of the LED module also possible by a non-specialist thanks to DC system plug
- Full flexibility thanks to external power supply unit (power supply unit must be ordered separately)
- 3 magnets and 60 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 of the module with different operating currents:

- 22W@ 500mA = 3680lm = 167lm/W
- 15W@ 350mA = 2600lm = 173lm/W
- 10.5W@ 250mA = 1850lm = 176lm/W
- 6.3W@ 150mA = 1120lm = 178lm/W

SUCCESSION ARTICLE	-	**BEAM ANGLE**	120
		PROTECTION CLASS (IP)	IP20
WEIGHT IN KG	5.5	**SERVICE LIFE**	approx. 200,000 h at 25°C
LUMEN PER WATT	178/176/173/167	**COLOR TEMPERATURE IN KELVIN**	3000
NET LUMINOUS FLUX IN LUMENS	1120/1850/2600/3680	**POWER FACTOR**	0,9
POWER CONSUMPTION IN WATTS	6,3/10,5/15/22	**LUMEN PER WATT**	178/176/173/167
		PROTECTION CLASS	II
		VOLTAGE TYPE	DC
		INPUT VOLTAGE SPAN	40-45
Dimensions		**WARRANTY IN YEARS**	5
		L80/B10	100000
width: 20mm		**DIMMING WITHOUT DIMMER**	No
height: 17mm		**ENABLED LICENSED PRODUCT**	Yes
length: 1130mm		**INPUT VOLTAGE RANGE LUMINAIRE**	40-45
		ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	B
		LIFETIME L80/B10 AT 25°C	100000
		ETIM GRUPPEN-ID	EC000996
		NO DIM FUNCTION	No

COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
CONNECTION TYPE	Cable
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG1
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
IFTTT SUPPORT AVAILABLE	No
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
LIGHT COLOUR ACCORDING TO EN 12464-1	warm white <3300 K
BEG FUNDING	Only relevant in Germany
LED-BETRIEBSSTROM IN MA	150/250/350/500
SHAPE	Rectangular
COLOUR	White