# DOTLUX
## LICHT IN BESTER QUALITÄT

**PRODUCT NO.** 5825-50

# DOTLUX LED module QUICK-FIXdc 1430mm max.39W 1400mA (26-28V DC) 4000K 50 pieces

IP20 | □ | 3 JAHRE DOTLUX GARANTIE

PROLINE

VPE 50 STK.

to the product page

**ENERGY**

**DOTLUX**
**5825-040120**

A
B
C
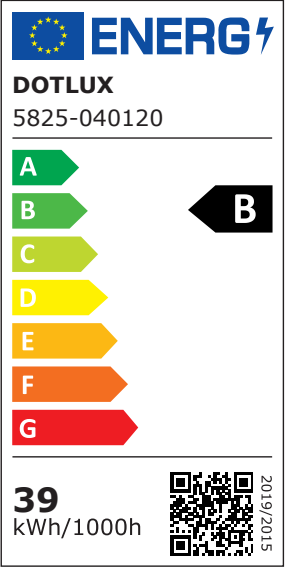D
E
F
G

**B**

**39** kWh/1000h

2019/2015

- Universal magnetic LED light module for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient 200 Watt LED board with lowest current consumption enables a system efficiency of 200 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 75cm long connection cable included in the scope of delivery

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:

- 39W@ 1400mA = 6700lm = 172 lm/W
- 33W@ 1200mA = 5850lm = 177 lm/W
- 29W@ 1050mA = 5200lm = 179 lm/W
- 25W@ 900mA = 4500lm = 180 lm/W
- 22W@ 800mA = 4000lm = 182 lm/W
- 19W@ 700mA = 3500lm = 184 lm/W
- 9W@ 350mA = 1800lm = 200 lm/W

| | | | | |
|---|---|---|---|---|
| **SUCCESSION ARTICLE** | - | | **BEAM ANGLE** | 120 |
| | | | **PROTECTION CLASS (IP)** | IP20 |
| **WEIGHT IN KG** | 6 | | Service life | |
| **POWER CONSUMPTION IN WATTS** | 9/19/22/25/29/33/39 | | **COLOR TEMPERATURE IN KELVIN** | 4000 |
| **NET LUMINOUS FLUX IN LUMENS** | 1800/3500/4000/4500/5200/5850/6700 | | **COLOR-RENDERING-INDEX** | CRI > 82 |
| **LUMEN PER WATT** | 200 | | **POWER FACTOR** | 0,9 |
| | | | **LUMEN PER WATT** | 200 |
| | | | **PROTECTION CLASS** | II |
| | | | **VOLTAGE TYPE** | DC |
| **Dimensions** | | | **SWITCH CYCLES** | > 200.000 |
| | | | **INPUT VOLTAGE SPAN** | 26-28V DC |
| **length:** 1430mm | | | **WARRANTY IN YEARS** | 3 |
| **width:** 20mm | | | **L80/B10** | 100000 |
| **height:** 17mm | | | **DIMMING WITHOUT DIMMER** | No |
| | | | **INPUT VOLTAGE RANGE LUMINAIRE** | 26-28V DC |
| | | | **ASSORTMENT** | Proline |

| | |
|---|---|
| **ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015** | D |
| **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)** | 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 |
| **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** | 350/700/800/900/1050/1200/1400 |
| **SHAPE** | Rectangular |
| **COLOUR** | White |