

PRODUCT NO. 5827-50

DOTLUX LED refurbishment light QUICK-FIXdc 500mm max.15W 500mA (27-29V DC) 3000K Set 50 pieces



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- Universal luminaire-in-luminaire system for the professional replacement of T5 & T8 fluorescent tubes
- Highly efficient LEDs with low current consumption enable a light efficiency (incl. opal cover) of up to 200 lm/W
- Glare-free, frosted polycarbonate cover with 120° beam angle
- Thanks to the DC system plug, the LED light can be replaced without tools, even by a non-specialist
- The different lumen packages of the QUICK-FIXdc can be adjusted in several stages using external power supply units
- 2 or 3 magnets and a 50 - 75 cm long connection cable (depending on the size of the light) are included in the scope of delivery
- Increased efficiency by connecting several QUICK-FIXdc lights in parallel
- Magnetic holders enable direct screw mounting to the existing luminaire housing, among other things
- 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 luminaire with different operating currents:
 - 15W@ 500 mA = 2300lm = 153lm/W
 - 10W@ 350 mA = 1610lm = 161lm/W
 - 7W@ 250 mA = 1150lm = 164lm/W

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| PRODUCT GROUP | EC002892_Decken-/Wandleuchte | BEAM ANGLE | 120 |
| SUCCESSION ARTICLE | - | PROTECTION CLASS (IP) | IP20 |
| WEIGHT IN KG | 3 | LIGHT COLOR | white |
| LUMEN PER WATT | 164/161/153 | SERVICE LIFE | approx. 100,000 h at 25°C |
| POWER CONSUMPTION IN WATTS | 7/10/15 | COLOR TEMPERATURE IN KELVIN | 3000 |
| NET LUMINOUS FLUX IN LUMENS | 1150/1610/2300 | COLOR-RENDERING-INDEX | CRI > 82 |
| Dimensions | | POWER FACTOR | 0,9 |
| height: 17mm | | IK PROTECTION | IK03 |
| length: 500mm | | LUMEN PER WATT | 164/161/153 |
| width: 20mm | | PROTECTION CLASS | II |
| | | VOLTAGE TYPE | DC |
| | | HOUSING COLOUR | white |
| | | SUITED FOR EMERGENCY LIGHTING | No |
| | | SWITCH CYCLES | > 200.000 |
| | | INPUT VOLTAGE SPAN | 27-29 |
| | | WARRANTY IN YEARS | 5 |
| | | L80/B10 | 100000 |
| | | SUITABLE FOR SURFACE MOUNTING | Yes |

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| SUITABLE FOR MOUNTING | No |
| ENABLED LICENSED PRODUCT | Yes |
| INPUT VOLTAGE RANGE LUMINAIRE | 27-29 |
| ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015 | not required |
| LIFETIME L80/B10 AT 25°C | 100000 |
| LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C | 200000 |
| WITH ILLUMINANT | Yes |
| SUITABLE FOR WALL MOUNTING | Yes |
| SUITABLE FOR SUSPENDED MOUNTING | No |
| SUITABLE FOR CEILING MOUNTING | Yes |
| SUITABLE FOR LIGHT LINE CONFIGURATION | Yes |
| SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1 | No |
| SUITABLE FOR NUMBER OF LIGHT SOURCES | 1 |
| MATERIAL COVER | Plastic, opal |
| TYPE OF CONTROL GEAR | LED operating device current- controlled |
| WITH CONTROL GEAR | No |
| DIMMING 0-10 V | No |
| DIMMING 1-10 V | No |
| DIMMING DALI | No |
| DIMMING DMX | No |
| DIMMING DSI | No |
| DIMMING POTENTIOMETER (INTEGRATED) | No |
| DIMMING LINESWITCH | No |
| DIMMING MANUFACTURER'S PROPRIETARY SYSTEM | No |
| DIMMING MAINS VOLTAGE MODULATION | No |
| DIMMING PHASE CUT-OFF | No |
| DIMMING PROGRAMMABLE | No |
| DIMMING RF | No |
| DIMMING SINE WAVE REDUCTION | No |
| DIMMING TOUCH AND DIM | No |
| DIMMING ZIGBEE | No |
| DIMMING WITH PUSH-BUTTON | No |
| DIMMING DEPENDING ON CONTROL GEAR | Yes |
| NO DIM FUNCTION | No |
| LIGHT DISTRIBUTOR | Diffuser lens/optic/panel |
| COLOUR CONSISTENCY (MCADAM ELLIPSE) | SDCM5 |
| IMPACT STRENGTH | IK03 |
| LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24 | No |
| SUITABLE FOR EMERGENCY LIGHTING | No |
| WITH MOVEMENT SENSOR | No |
| WITH LIGHT SENSOR | No |
| COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE | No |
| WITH AIR SLOTS | No |
| FILAMENT TEST ACCORDING TO IEC 60695-2-11 | without |

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| CONSTANT LIGHT OUTPUT (CLO) | No |
| TYPE OF WIRING | Ending |
| CONNECTION TYPE | Cable |
| PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471 | RG1 |
| LUMINOUS FLUX ADJUSTABLE | Positions |
| OPERATION BY BLUETOOTH | Yes |
| COMPATIBLE WITH CASAMBI | No |
| COMPATIBLE WITH APPLE HOMEKIT | No |
| COMPATIBLE WITH GOOGLE ASSISTANT | No |
| COMPATIBLE WITH AMAZON ALEXA | No |
| IFTTT SUPPORT AVAILABLE | No |
| EXCHANGEABLE CONTROL GEAR | Yes |
| SUITABLE FOR LAMP POWER IN W | 15 |
| LAMP TYPE | LED exchangeable |
| EMERGENCY POWER SUPPLY INTEGRATED | No |
| DIMMING DALI-2 | No |
| DIMMING PHASE CUT-ON | No |
| DIMMING GPRS | No |
| LIFETIME L70/B50 AT 25°C | 200000 |
| LIFETIME L90/B10 AT 25°C | 50000 |
| BEG FUNDING | only relevant in Germany |
| ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE | B |
| ELDAS-NR. | 941800669 |
| Dimension Length in mm | |
| DIAMETER IN MM | 0 |
| MAX. SYSTEM POWER IN W | 15 |
| RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C | -20-40 |
| ABMESSUNGEN BREITE MM | 20 |
| ABMESSUNGEN HÖHE MM | 17 |
| NOMINAL VOLTAGE IN V | 28 |
| LIGHT OUTLET | Direct |
| COLOUR OF LIGHT ADJUSTABLE | No |
| BEAM ANGLE ADJUSTABLE | No |
| LIGHT SHARING | Symmetric |
| SURFACE PROTECTION HOUSING | Powder coating |
| TYPE OF GRID | None |
| BEAM ANGLE | Extreme wide beam >80° |