

PRODUCT NO. 5053-030180

**DOTLUX LED light LUNAbasic IP44 Ø330mm 18W 3000K**



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- Frosted cover ensures shadow-free light distribution
- PMMA plastic cover
- Good cooling due to aluminum core circuit board
- Integrated luminaire connection with quick-connect terminal

**PRODUCT GROUP** EC002892\_Decken-/Wandleuchte

**WEIGHT IN KG** 0.425  
**POWER CONSUMPTION IN WATTS** 18  
**NET LUMINOUS FLUX IN LUMENS** 1260  
**LUMEN PER WATT** 70

**Dimensions**

**length:** 330mm  
**width:** 330mm  
**height:** 100mm  
**diameter:** 330mm

**BEAM ANGLE** 180  
**PROTECTION CLASS (IP)** IP44  
**LIGHT COLOR** white  
**INPUT VOLTAGE** 220 - 240 AC  
**SERVICE LIFE** approx. 30.000 h at 25°C  
**COLOR TEMPERATURE IN KELVIN** 3000  
**COLOR-RENDERING-INDEX** CRI > 82  
**POWER FACTOR** 0,58  
**INRUSH CURRENT IN A** 0  
**IK PROTECTION** IK03  
**LUMEN PER WATT** 70  
**PROTECTION CLASS** I  
**VOLTAGE TYPE** DC  
**HOUSING COLOUR** white  
**SUITED FOR EMERGENCY LIGHTING** No  
**INSTALLATION OPENING WIDTH IN MM** 0  
**INSTALLATION OPENING LENGHT IN MM** 0  
**WARRANTY IN YEARS** 2  
**L80/B10** 20000  
**RATED CURRENT** 0.14  
**SUITABLE FOR SURFACE MOUNTING** Yes  
**SUITABLE FOR MOUNTING** No  
**ASSORTMENT** Ecoline

<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	20000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	40000
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	No
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR LIGHT LINE CONFIGURATION</b>	No
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	1
<b>LAMP HOLDER</b>	other Without
<b>MATERIAL COVER</b>	Plastic, opal
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	Yes
<b>DIMMING 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	No
<b>DIMMING DALI</b>	No
<b>DIMMING DMX</b>	No
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	No
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<b>DIMMING PROGRAMMABLE</b>	No
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	No
<b>NO DIM FUNCTION</b>	Yes
<b>LIGHT DISTRIBUTOR</b>	Diffuser lens/optic/panel
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>DEGREE OF PROTECTION (NEMA)</b>	1
<b>IMPACT STRENGTH</b>	IK03
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	Yes
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	No
<b>WITH MOVEMENT SENSOR</b>	No
<b>WITH LIGHT SENSOR</b>	No
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>WITH AIR SLOTS</b>	No
<b>FILAMENT TEST ACCORDING TO IEC 60695-2-11</b>	650 °C - 30 s
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	Yes

<b>TYPE OF WIRING</b>	Ending
<b>CONNECTION TYPE</b>	Push-in clamp
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG1
<b>OPERATION BY BLUETOOTH</b>	No
<b>COMPATIBLE WITH CASAMBI</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	No
<b>SUITABLE FOR LAMP POWER IN W</b>	19.8
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	40000
<b>LIFETIME L90/B10 AT 25°C</b>	10000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	Only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	F
<b>ELDAS-NR.</b>	941003779
Dimension Length in mm	
<b>DIAMETER IN MM</b>	330
<b>MAX. SYSTEM POWER IN W</b>	18
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-35
<b>ABMESSUNGEN BREITE MM</b>	330
<b>ABMESSUNGEN HÖHE MM</b>	100
<b>INSTALLATION HEIGHT/DEPTH IN MM</b>	0
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	86
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	144
<b>LIGHT OUTLET</b>	Direct
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>SURFACE PROTECTION HOUSING</b>	Plastic-coated
<b>TYPE OF GRID</b>	None
<b>BEAM ANGLE</b>	Open beam/diffuse