

PRODUCT NO. 6265-099090

**DOTLUX LED luminaire DISCuqr Ø1000mm 90W COLORselect and DALI white**



to the product page

- Highly efficient surface-mounted LED light with up to 134lm/W
- Can be used flexibly as required: Available as a ceiling, wall, surface-mounted or pendant light in 4 sizes (400,600,800,1000mm)
- Dimmable thanks to integrated DALI2 power supply unit
- Glare-free working thanks to microprism diffuser UGR<19 (suitable for computer workstations)
- Modern powder-coated aluminum housing (black - similar to RAL 9003) with stepped luminaire housing 55mm high
- Quick and easy installation via EASYbase platform
- Individually adjustable for a wide range of applications thanks to COLORselect technology
- Pleasant sense of space thanks to indirect light component
- Sustainable product design thanks to easily replaceable components

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

**SUCCESSION ARTICLE** -

**WEIGHT IN KG** 13.9

**POWER CONSUMPTION IN WATTS** 90

**NET LUMINOUS FLUX IN LUMENS** 11300/12100/11900

**LUMEN PER WATT** 126/134/132

**BEAM ANGLE** 90

**PROTECTION CLASS (IP)** IP40

**LIGHT COLOR** white

**INPUT VOLTAGE** 186 - 240 AC/DC

**SERVICE LIFE** approx. 50.000 h at 25°C

**COLOR TEMPERATURE IN KELVIN** 3000/3500/4000

**COLOR-RENDERING-INDEX** CRI > 83

**POWER FACTOR** 0,9

**LUMEN PER WATT** 126/134/132

**PROTECTION CLASS** I

**VOLTAGE TYPE** AC/DC

**HOUSING COLOUR** white

**SUITED FOR EMERGENCY LIGHTING** yes

**SWITCH CYCLES** > 100.000

**INSTALLATION OPENING WIDTH IN MM** 0

**INSTALLATION OPENING LENGTH IN MM** 0

**INPUT VOLTAGE SPAN** 198-264

**WARRANTY IN YEARS** 5

**L80/B10** 50000

**RATED CURRENT** 0.65

**SIMILAR TO RAL-COLOUR** 9003

**SUITABLE FOR SURFACE MOUNTING** Yes

**Dimensions**

**length:** 1000mm

**width:** 1000mm

**diameter:** 1000mm

**height:** 86mm

<b>SUITABLE FOR MOUNTING</b>	No
<b>ENABLED LICENSED PRODUCT</b>	Yes
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	198-264
<b>ASSORTMENT</b>	Proline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>MOUNTING LOCATION</b>	Indoor
<b>LIFETIME L80/B10 AT 25°C</b>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	100000
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	Yes
<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>	Yes
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	0
<b>LAMP HOLDER</b>	-
<b>MATERIAL COVER</b>	Plastic, structured
<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>	Yes
<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>	Yes
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	No
<b>NO DIM FUNCTION</b>	No
<b>LIGHT DISTRIBUTOR</b>	Diffuser lens/optic/panel
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>DEGREE OF PROTECTION (NEMA)</b>	2
<b>IMPACT STRENGTH</b>	IK03
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	No
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	Yes
<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>	Yes
<b>FILAMENT TEST ACCORDING TO IEC 60695-2-11</b>	650 °C - 30 s
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>TYPE OF WIRING</b>	Ending
<b>COLOUR OF LIGHT ADJUSTABLE</b>	Positions
<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>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	90
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>DIMMING DALI-2</b>	Yes
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	100000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	E
<b>ELDAS-NR.</b>	941905539
<b>DIAMETER IN MM</b>	1000
<b>MAX. SYSTEM POWER IN W</b>	90
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-40
<b>ABMESSUNGEN BREITE MM</b>	1000
<b>ABMESSUNGEN HÖHE MM</b>	86
<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>	21
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	31
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>LIGHT OUTLET</b>	Direct/indirect
<b>LUMINOUS FLUX ADJUSTABLE</b>	Continuously variable
<b>SURFACE PROTECTION HOUSING</b>	Other
<b>BEAM ANGLE</b>	Extreme wide beam >80°
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	Other
<b>CONNECTION TYPE</b>	Other