

PRODUCT NO. 6944-099060

**DOTLUX LED downlight CIRCLEvario 35W COLORselect without driver black 245mm max. 900mA**



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- Modern design with interchangeable reflectors in black, white and gold
- System plug enables flexible selection of power supply unit so that a suitable solution can be implemented depending on the application
- Thanks to the COLORselect function, the color temperature can be flexibly adjusted between 3000K/4000K/5700K
- Natural color perception thanks to the extra high CRI value >92
- Ideal for use at VDU workstations with UGR<19
- Compatibility with Casambi enables modern, wireless light control via app or Bluetooth

**PRODUCT GROUP**

EC001744\_Downlight/Strahler/Flutlicht

<b>WEIGHT IN KG</b>	0.91
<b>NET LUMINOUS FLUX IN LUMENS</b>	4870/5150/5080
<b>LUMEN PER WATT</b>	139/147/145
<b>POWER CONSUMPTION IN WATTS</b>	35

<b>BEAM ANGLE</b>	60
<b>PROTECTION CLASS (IP)</b>	IP20
<b>LIGHT COLOR</b>	white
<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>COLOR TEMPERATURE IN KELVIN</b>	3000/4000/5700
<b>COLOR-RENDERING-INDEX</b>	CRI > 92
<b>POWER FACTOR</b>	0,9
<b>IK PROTECTION</b>	IK05
<b>LUMEN PER WATT</b>	139/147/145
<b>PROTECTION CLASS</b>	II
<b>VOLTAGE TYPE</b>	DC
<b>HOUSING COLOUR</b>	black
<b>SUITED FOR EMERGENCY LIGHTING</b>	No
<b>INSTALLATION OPENING WIDTH IN MM</b>	245
<b>INSTALLATION OPENING DIAMETER IN MM</b>	200-235
<b>INSTALLATION OPENING LENGTH IN MM</b>	245
<b>INPUT VOLTAGE SPAN</b>	36
<b>WARRANTY IN YEARS</b>	5
<b>L80/B10</b>	50000

**Dimensions**

**diameter:** 245mm  
**width:** 245mm  
**height:** 90mm  
**length:** 245mm

<b>RATED CURRENT</b>	0,22
<b>SUITABLE FOR SURFACE MOUNTING</b>	No
<b>SUITABLE FOR MOUNTING</b>	Yes
<b>DIMMING WITHOUT DIMMER</b>	Power supply unit dependent
<b>ENABLED LICENSED PRODUCT</b>	Yes
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	36
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	55000
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	No
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	No
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	Yes
<b>LAMP HOLDER</b>	-
<b>MATERIAL COVER</b>	Plastic, transparent
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	No
<b>DIMMING 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	Yes
<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>	Yes
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	Yes
<b>DIMMING PROGRAMMABLE</b>	Yes
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	Yes
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	Yes
<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>	IK05
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	No
<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>	Yes
<b>FILAMENT TEST ACCORDING TO IEC 60695-2-11</b>	-

<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>CONNECTION TYPE</b>	other plug connection
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG1
<b>COLOUR OF LIGHT ADJUSTABLE</b>	Positions
<b>OPERATION BY BLUETOOTH</b>	No
<b>COMPATIBLE WITH CASAMBI</b>	Yes
<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>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>	No
<b>SUITABLE FOR CLAMP-MOUNTING</b>	Yes
<b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>	No
<b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>	No
<b>SUITABLE FOR TRAVERSE MOUNTING</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	35
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>SURFACE BRUSHED</b>	No
<b>DIMMING DALI-2</b>	Yes
<b>DIMMING PHASE CUT-ON</b>	Yes
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	55000
<b>LIFETIME L90/B10 AT 25°C</b>	30000
<b>BEG FUNDING</b>	only relevant in Germany
<b>LED OPERATING CURRENT IN MA</b>	900
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	C
<b>ELDAS-NR.</b>	941030009
Dimension Length in mm	
<b>DIAMETER IN MM</b>	245
<b>MAX. SYSTEM POWER IN W</b>	35
<b>LUMINOUS FLUX IN LM</b>	5150
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-40
<b>ABMESSUNGEN BREITE MM</b>	245
<b>ABMESSUNGEN HÖHE MM</b>	90
<b>INSTALLATION HEIGHT/DEPTH IN MM</b>	90
<b>NOMINAL VOLTAGE IN V</b>	36
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	28
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	42
<b>LIGHT OUTLET</b>	Direct
<b>TYPE OF WIRING</b>	Suitable for through wiring
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>SURFACE PROTECTION</b>	Lacquered
<b>LIGHT SHARING</b>	Symmetric
<b>REFLECTOR</b>	High-gloss
<b>ADJUSTABILITY</b>	Not adjustable
<b>BEAM ANGLE</b>	Wide beam 41-80°