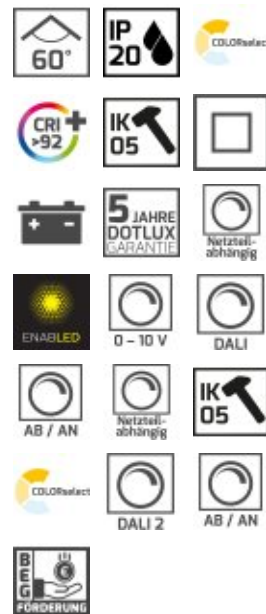


PRODUCT NO. 6934-099060

DOTLUX LED downlight CIRCLEvario 20W COLORselect without driver black 175mm max. 500mA



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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	BEAM ANGLE	60
WEIGHT IN KG	0.443	PROTECTION CLASS (IP)	IP20
POWER CONSUMPTION IN WATTS	20	LIGHT COLOR	white
LUMEN PER WATT	129/139/136	SERVICE LIFE	approx. 50.000h at 60°C
NET LUMINOUS FLUX IN LUMENS	2580/2780/2720	COLOR TEMPERATURE IN KELVIN	3000/4000/5700
Dimensions		COLOR-RENDERING-INDEX	CRI > 92
length: 175mm		POWER FACTOR	0,9
diameter: 175mm		IK PROTECTION	IK05
width: 175mm		LUMEN PER WATT	129/139/136
height: 80mm		PROTECTION CLASS	II
		VOLTAGE TYPE	DC
		HOUSING COLOUR	black
		SUITED FOR EMERGENCY LIGHTING	yes
		Installation opening width in mm	
		INSTALLATION OPENING DIAMETER IN MM	135-165
		Installation opening length in mm	
		INPUT VOLTAGE SPAN	36

WARRANTY IN YEARS	5
L80/B10	50000
Rated current	
SUITABLE FOR SURFACE MOUNTING	No
SUITABLE FOR MOUNTING	Yes
DIMMING WITHOUT DIMMER	Power supply unit dependent
ENABLED LICENSED PRODUCT	Yes
INPUT VOLTAGE RANGE LUMINAIRE	36
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	50000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	55000
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	Yes
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
LAMP HOLDER	-
MATERIAL COVER	Plastic, structured
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	No
DIMMING 0-10 V	Yes
DIMMING 1-10 V	No
DIMMING DALI	Yes
DIMMING DSI	No
DIMMING POTENTIOMETER (INTEGRATED)	No
DIMMING LINESWITCH	No
DIMMING MANUFACTURER'S PROPRIETARY SYSTEM	Yes
DIMMING MAINS VOLTAGE MODULATION	No
DIMMING PHASE CUT-OFF	Yes
DIMMING PROGRAMMABLE	Yes
DIMMING RF	No
DIMMING SINE WAVE REDUCTION	No
DIMMING TOUCH AND DIM	No
DIMMING ZIGBEE	Yes
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)	SDCM6
DEGREE OF PROTECTION (NEMA)	2
IMPACT STRENGTH	IK05
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
SUITABLE FOR EMERGENCY LIGHTING	Yes
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No

COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	Yes
FILAMENT TEST ACCORDING TO IEC 60695-2-11	-
CONSTANT LIGHT OUTPUT (CLO)	No
CONNECTION TYPE	other plug connection
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG1
COLOUR OF LIGHT ADJUSTABLE	Positions
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	Yes
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
SUITABLE FOR LOW VOLTAGE CABLE SYSTEM	No
SUITABLE FOR CLAMP-MOUNTING	Yes
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	No
SUITABLE FOR TRAVERSE MOUNTING	No
EXCHANGEABLE CONTROL GEAR	Yes
SUITABLE FOR LAMP POWER IN W	20
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
SURFACE BRUSHED	No
DIMMING DALI-2	Yes
DIMMING PHASE CUT-ON	Yes
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	55000
LIFETIME L90/B10 AT 25°C	30000
BEG FUNDING	only relevant in Germany
LED OPERATING CURRENT IN MA	500
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	D
ELDAS-NR.	941030029
Dimension Length in mm	
DIAMETER IN MM	175
MAX. SYSTEM POWER IN W	20
LUMINOUS FLUX IN LM	2820
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	175
ABMESSUNGEN HÖHE MM	80
INSTALLATION HEIGHT/DEPTH IN MM	80
NOMINAL VOLTAGE IN V	36
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	52
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	80
LIGHT OUTLET	Direct
TYPE OF WIRING	Suitable for through wiring
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
SURFACE PROTECTION	Lacquered
LIGHT SHARING	Symmetric

REFLECTOR
ADJUSTABILITY
BEAM ANGLE

High-gloss
Not adjustable
Wide beam 41-80°