

PRODUCT NO. 6938-099060

DOTLUX LED downlight CIRCLEvario 24W COLORselect without driver white 195mm max. 600mA



to the product page

- 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

WEIGHT IN KG	0.555	BEAM ANGLE	60
LUMEN PER WATT	133/140/139	PROTECTION CLASS (IP)	IP20
NET LUMINOUS FLUX IN LUMENS	3192/3360/3340	LIGHT COLOR	white
POWER CONSUMPTION IN WATTS	24	SERVICE LIFE	approx. 50.000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	3000/4000/5700
		COLOR-RENDERING-INDEX	CRI > 92
		POWER FACTOR	0,9
		IK PROTECTION	IK05
Dimensions		LUMEN PER WATT	133/140/139
height: 85mm		PROTECTION CLASS	II
length: 195mm		VOLTAGE TYPE	DC
diameter: 195mm		HOUSING COLOUR	white
width: 195mm		SUITED FOR EMERGENCY LIGHTING	No
		INSTALLATION OPENING WIDTH IN MM	195
		INSTALLATION OPENING DIAMETER IN MM	150-185
		INSTALLATION OPENING LENGHT IN MM	195
		INPUT VOLTAGE SPAN	36
		WARRANTY IN YEARS	5
		L80/B10	50000

RATED CURRENT	0.15
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, transparent
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	No
DIMMING 0-10 V	No
DIMMING 1-10 V	Yes
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	No
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
IFTTT SUPPORT AVAILABLE	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	600
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	C
ELDAS-NR.	941030019
DIMENSION LENGTH IN MM	195
DIAMETER IN MM	195
MAX. SYSTEM POWER IN W	24
LUMINOUS FLUX IN LM	3380
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	195
ABMESSUNGEN HÖHE MM	85
INSTALLATION HEIGHT/DEPTH IN MM	85
NOMINAL VOLTAGE IN V	36
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	42
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	64
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	High-gloss

ADJUSTABILITY
BEAM ANGLE

Not adjustable
Wide beam 41-80°