PRODUCT NO. 3023-230120

DOTLUX LED downlight CIRCLEflat 12W 3000K incl. driver

to the product page

- Flat design with integrated power supply enables use even in difficult installation locations
- Backlight technology with robust aluminum core board and good thermal management
- Wide housing rebate covers inaccurately cut mounting hole
- Plastic-sheathed metal clips provide secure hold

SUCCESSION ARTICLE	-	**BEAM ANGLE**	120
PREDECESSOR ARTICLE	3023-040120 2824 3023-0FW120 3023-130120	**PROTECTION CLASS (IP)**	IP20
		LIGHT COLOR	white
WEIGHT IN KG	0.124	**INPUT VOLTAGE**	220 - 240 V AC
LUMEN PER WATT	72	**SERVICE LIFE**	approx. 30.000 h at 25°C
POWER CONSUMPTION IN WATTS	12	**COLOR TEMPERATURE IN KELVIN**	3000
NET LUMINOUS FLUX IN LUMENS	860	**COLOR-RENDERING-INDEX**	CRI > 82
		POWER FACTOR	0,79
		INRUSH CURRENT IN A	0
		IK PROTECTION	IK03
Dimensions		**LUMEN PER WATT**	72
		PROTECTION CLASS	II
height: 27mm		**VOLTAGE TYPE**	AC/DC
diameter: 175mm		**HOUSING COLOUR**	white
		SWITCH CYCLES	> 60.000
		INSTALLATION OPENING WIDTH IN MM	0
		INSTALLATION OPENING DIAMETER IN MM	143-155
		WARRANTY IN YEARS	2
		L80/B10	80000
		RATED CURRENT	0.07
		SUITABLE FOR SURFACE MOUNTING	Yes
		SUITABLE FOR MOUNTING	Yes
		DIMMING WITHOUT DIMMER	No
		ASSORTMENT	Ecoline

ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	80000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	30000
ETIM GRUPPEN-ID	EC001744
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	No
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
LAMP HOLDER	-
MATERIAL COVER	-
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	No
DIMMING 0-10 V	No
DIMMING 1-10 V	No
DIMMING DALI	No
DIMMING DMX	No
DIMMING DSI	No
DIMMING POTENTIOMETER (INTEGRATED)	No
DIMMING LINESWITCH	No
DIMMING MANUFACTURER'S PROPRIETARY SYSTEM	No
DIMMING MAINS VOLTAGE MODULATION	No
DIMMING PHASE CUT-OFF	No
DIMMING PROGRAMMABLE	No
DIMMING RF	No
DIMMING SINE WAVE REDUCTION	No
DIMMING TOUCH AND DIM	No
DIMMING ZIGBEE	No
DIMMING WITH PUSH-BUTTON	No
DIMMING DEPENDING ON CONTROL GEAR	No
NO DIM FUNCTION	Yes
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK03
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	650 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	Yes
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG2
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	No
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	No
SUITABLE FOR LAMP POWER IN W	11.6
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
SURFACE BRUSHED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	30000
LIFETIME L90/B10 AT 25°C	7500
PULSE DURATION IN µS	0
BEG FUNDING	Only relevant in Germany
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	G
LIGHT SHARING	Asymmetric
LIGHT OUTLET	Direct
TYPE OF WIRING	Suitable for through wiring
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
SURFACE PROTECTION	Plastic-coated
ADJUSTABILITY	Not adjustable
LIGHT DISTRIBUTOR	Other
REFLECTOR	None
BEAM ANGLE	Extreme wide beam >80°
DEGREE OF PROTECTION (NEMA)	Other
CONNECTION TYPE	Other