

PRODUCT NO. 2827-299120

DOTLUX LED downlight CIRCLE 18W COLORselect 500mA 4pin



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\\"COLORselect\\": 3 light colors in one luminaire. For every application environment the right light color can be set:

1. Warm white 3,000 K: Hotel, store, wellness/spa areas, home & living.
2. Neutral white 4,000 K: Office, gastronomy, industry, sanitary, retirement homes and hospitals
3. Daylight white 5,700 K: Industry, conference rooms, educational institutions, office

- \\"HCL READY\\": This article is suitable for use as HCL (Human Centric Lighting) Lighting (additional components are required). Human Centric Lighting is the most natural form of artificial light, because it replicates the sun's course of the day. By adapting the lighting to the human biorhythm, well-being and performance can be increased.
- Stable light output thanks to oversized die-cast aluminum heat sink and SAMSUNG® LED (LM80 certified) on aluminum core board
- Natural color perception thanks to extra high CRI value
- Fast exchange of power supplies due to lockable connector
- High compatibility with various LED power supplies
- Sturdy mounting brackets ensure a secure hold
- Extra flat design allows use even in difficult mounting locations
- This light can be upgraded for use as emergency lighting. (The battery kit accessories are required)

SUCCESSION ARTICLE	-	BEAM ANGLE	120
PREDECESSOR ARTICLE	2827-1FW120 2827-0FW120	PROTECTION CLASS (IP)	other Front IP54 / rear IP20
WEIGHT IN KG	0.7	LIGHT COLOR	white
POWER CONSUMPTION IN WATTS	18	SERVICE LIFE	approx. 50.000 h at 25°C
NET LUMINOUS FLUX IN LUMENS	max. 1950	COLOR TEMPERATURE IN KELVIN	3000/4000/5700
LUMEN PER WATT	max. 108	COLOR-RENDERING-INDEX	CRI > 92
		INRUSH CURRENT IN A	0
		IK PROTECTION	IK06
		LUMEN PER WATT	max. 108
		PROTECTION CLASS	III
		HOUSING COLOUR	white
		SWITCH CYCLES	> 100.000
		FOOD-READY	Yes
		INSTALLATION OPENING DIAMETER IN MM	160-185
		WARRANTY IN YEARS	7
		L80/B10	50000
		SIMILAR TO RAL-COLOUR	9003
		SUITABLE FOR MOUNTING	Yes
		ASSORTMENT	Proline

Dimensions

diameter: 195mm

height: 59mm

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	100000
ETIM GRUPPEN-ID	EC001744
MATERIAL COVER	Plastic matt/satinized
DIMMING DEPENDING ON CONTROL GEAR	Yes
NO DIM FUNCTION	Yes
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK06
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
COLOUR OF LIGHT ADJUSTABLE	Positions
LIFETIME L70/B50 AT 25°C	100000
LIFETIME L90/B10 AT 25°C	25000
PULSE DURATION IN µS	0
BEG FUNDING	Only relevant in Germany
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	-