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.
  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
		LIGHT COLOR	white
WEIGHT IN KG	0.7	**SERVICE LIFE**	approx. 50.000 h at 25°C
POWER CONSUMPTION IN WATTS	18	**COLOR TEMPERATURE IN KELVIN**	3000/4000/5700
NET LUMINOUS FLUX IN LUMENS	max. 1950	**COLOR-RENDERING-INDEX**	CRI > 92
LUMEN PER WATT	max. 108	**INRUSH CURRENT IN A**	0
		IK PROTECTION	IK06
		LUMEN PER WATT	max. 108
		PROTECTION CLASS	III
Dimensions		**HOUSING COLOUR**	white
		SWITCH CYCLES	> 100.000
diameter: 195mm		**FOOD-READY**	Yes
height: 59mm		**INSTALLATION OPENING DIAMETER IN MM**	160-185
		WARRANTY IN YEARS	7
		L80/B10	50000
		SIMILAR TO RAL-COLOUR	9003
		ASSORTMENT	Proline
		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
COLOUR OF LIGHT ADJUSTABLE	Positions
LIFETIME L70/B50 AT 25°C	100000
LIFETIME L90/B10 AT 25°C	25000
PULSE DURATION IN µS	0
LIFETIME L90/B50 AT 25°C	33333
BEG FUNDING	Only relevant in Germany
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	-