

PRODUCT NO. 2828-299120

## DOTLUX LED downlight CIRCLE 26W COLORselect 700mA 4pin



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

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
4. \ "HCL READY" \: This item 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)

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120°
<b>PREDECESSOR ARTICLE</b>	2828-1FW120 2828-0FW120	<b>PROTECTION CLASS (IP)</b>	other Front IP54 / rear IP20
<b>WEIGHT IN KG</b>	1.02	<b>LIGHT COLOR</b>	white
<b>NET LUMINOUS FLUX IN LUMENS</b>	max. 2910	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>LUMEN PER WATT</b>	max. 112	<b>COLOR TEMPERATURE IN KELVIN</b>	3000/4000/5700
<b>POWER CONSUMPTION IN WATTS</b>	26	<b>COLOR-RENDERING-INDEX</b>	CRI > 92
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK06
		<b>LUMEN PER WATT</b>	max. 112
		<b>PROTECTION CLASS</b>	III
		<b>HOUSING COLOUR</b>	white
		<b>SWITCH CYCLES</b>	> 100.000
		<b>FOOD-READY</b>	Yes
		<b>INSTALLATION OPENING DIAMETER IN MM</b>	205-230
		<b>WARRANTY IN YEARS</b>	7
		<b>L80/B10</b>	50000
		<b>SIMILAR TO RAL-COLOUR</b>	9003
		<b>ASSORTMENT</b>	Proline
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required

### Dimensions

diameter: 245mm

height: 59mm

<b>LIFETIME L80/B10 AT 25°C</b>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	100000
<b>ETIM GRUPPEN-ID</b>	EC001744
<b>MATERIAL COVER</b>	Plastic matt/satinized
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	Yes
<b>NO DIM FUNCTION</b>	Yes
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>IMPACT STRENGTH</b>	IK06
<b>COLOUR OF LIGHT ADJUSTABLE</b>	Positions
<b>LIFETIME L70/B50 AT 25°C</b>	100000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>PULSE DURATION IN µs</b>	0
<b>LIFETIME L90/B50 AT 25°C</b>	33333
<b>BEG FUNDING</b>	Only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	-