

PRODUCT NO. 2827-1FW120-B-Ware

DOTLUX LED downlight CIRCLE 18W COLORselect 500mA 4pin



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- "COLORselect": 3 light colors in one luminaire. For every application environment the suitable light color adjustable:
 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, meeting rooms, educational institutions, Office
- "HCL READY": This article is suitable for use as HCL (Human Centric 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
- Quick exchange of power supplies due to lockable plug connector
- High compatibility with various LED power supplies
- Stable 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 2827-299120
PREDECESSOR ARTICLE 2827-0FW120

WEIGHT IN KG 0.7
NET LUMINOUS FLUX IN LUMENS max. 1836
LUMEN PER WATT 102
POWER CONSUMPTION IN WATTS 18

Dimensions

diameter: 195mm
height: 59mm

BEAM ANGLE 120°
PROTECTION CLASS (IP) other Front IP44 / rear IP20
LIGHT COLOR multicoloured
SERVICE LIFE approx. 50.000 h at 25°C
COLOR TEMPERATURE IN KELVIN 3000/4000/5700
COLOR-RENDERING-INDEX CRI > 92
INRUSH CURRENT IN A 0
IK PROTECTION IK06
LUMEN PER WATT 102
PROTECTION CLASS III
SUITED FOR EMERGENCY LIGHTING yes
SWITCH CYCLES > 100.000
FOOD-READY Yes
INSTALLATION OPENING DIAMETER IN MM 160-185
WARRANTY IN YEARS 0
SIMILAR TO RAL-COLOUR 9003
ASSORTMENT Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015 not required
ETIM GRUPPEN-ID EC001744

DIMMING DEPENDING ON CONTROL GEAR	Yes
IMPACT STRENGTH	IK06
SUITABLE FOR EMERGENCY LIGHTING	Yes
PULSE DURATION IN μS	0
LED-BETRIEBSSTROM IN MA	500