

PRODUCT NO. 2826-299120

DOTLUX LED downlight CIRCLE 10W COLORselect 300mA 4pin



to the product page

"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	2826-1FW120 2826-0FW120	PROTECTION CLASS (IP)	IP44
WEIGHT IN KG	0.51	LIGHT COLOR	white
NET LUMINOUS FLUX IN LUMENS	max. 1095	SERVICE LIFE	approx. 50.000 h at 25°C
POWER CONSUMPTION IN WATTS	10	COLOR TEMPERATURE IN KELVIN	3000
LUMEN PER WATT	max. 110	COLOR-RENDERING-INDEX	CRI > 80
		POWER FACTOR	0,9
		INRUSH CURRENT IN A	0
		IK PROTECTION	IK05
		LUMEN PER WATT	max. 110
		PROTECTION CLASS	III
		HOUSING COLOUR	white
		SUITED FOR EMERGENCY LIGHTING	No
		GLARE-FREE	UGR < 22
		SWITCH CYCLES	> 100.000
		FOOD-READY	Yes
		INSTALLATION OPENING DIAMETER IN MM	135
		WARRANTY IN YEARS	7
		L80/B10	50000
		RATED CURRENT	0.06
		SIMILAR TO RAL-COLOUR	9003

Dimensions

diameter: 175mm
height: 59mm

SUITABLE FOR SURFACE MOUNTING	No
SUITABLE FOR MOUNTING	Yes
DIMMING WITHOUT DIMMER	No
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	50000
ETIM GROUP IDENTIFICATION NUMBER	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	Yes
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
MATERIAL COVER	Plastic matt/satinized
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	Yes
NO DIM FUNCTION	Yes
LIGHT DISTRIBUTOR	Diffuser lens/optic/panel
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK05
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
SUITABLE FOR EMERGENCY LIGHTING	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	RG1

COLOUR OF LIGHT ADJUSTABLE	Positions
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	No
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	No
SUITABLE FOR TRAVERSE MOUNTING	No
EXCHANGEABLE CONTROL GEAR	No
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	50000
LIFETIME L90/B10 AT 25°C	25000
PULSE DURATION IN µS	0
BEG FUNDING	Only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	F
TYPE OF WIRING	Suitable for through wiring
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
LIGHT OUTLET	Direct/indirect
SURFACE PROTECTION	Powder coating
ADJUSTABILITY	Not adjustable
REFLECTOR	None
BEAM ANGLE	Extreme wide beam >80°
TYPE OF CONTROL GEAR	Not required
DEGREE OF PROTECTION (NEMA)	Other
CONNECTION TYPE	Other