

PRODUCT NO. 3024-230120

**DOTLUX LED downlight CIRCLEflat 18W 3000K incl. driver**



to the product page

- Flat design with integrated power supply unit enables use even in difficult installation locations
- Backlight technology with robust aluminum core board and good thermal management
- Wide housing rebate covers inaccurately cut installation openings
- Plastic-coated metal clips ensure a secure hold and gentle installation

<b>PRODUCT GROUP</b>	EC001744_Downlight/Strahler/Flutlicht		
<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>PREDECESSOR ARTICLE</b>	3024-040120 2825 3024-0FW120 3024-130120	<b>PROTECTION CLASS (IP)</b>	IP20
<b>WEIGHT IN KG</b>	0.19	<b>LIGHT COLOR</b>	white
<b>LUMEN PER WATT</b>	70	<b>INPUT VOLTAGE</b>	220 - 240 AC
<b>NET LUMINOUS FLUX IN LUMENS</b>	1250	<b>SERVICE LIFE</b>	approx. 30.000 h at 25°C
<b>POWER CONSUMPTION IN WATTS</b>	18	<b>COLOR TEMPERATURE IN KELVIN</b>	3000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>POWER FACTOR</b>	0,76
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK03
<b>Dimensions</b>		<b>LUMEN PER WATT</b>	70
<b>height:</b> 28mm		<b>PROTECTION CLASS</b>	II
<b>length:</b> 222mm		<b>VOLTAGE TYPE</b>	AC
<b>diameter:</b> 222mm		<b>HOUSING COLOUR</b>	white
<b>width:</b> 222mm		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>SWITCH CYCLES</b>	> 60.000
		<b>INSTALLATION OPENING WIDTH IN MM</b>	187
		<b>INSTALLATION OPENING DIAMETER IN MM</b>	187-200
		<b>INSTALLATION OPENING LENGHT IN MM</b>	187
		<b>WARRANTY IN YEARS</b>	2
		<b>L80/B10</b>	30000
		<b>RATED CURRENT</b>	0.1
		<b>SUITABLE FOR SURFACE MOUNTING</b>	Yes

SUITABLE FOR MOUNTING	Yes
DIMMING WITHOUT DIMMER	No
ASSORTMENT	Ecoline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	30000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	60000
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	No
LAMP HOLDER	-
MATERIAL COVER	-
TYPE OF CONTROL GEAR	LED operating device current- controlled
WITH CONTROL GEAR	Yes
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	No
NO DIM FUNCTION	Yes
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK03
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	RG2
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	Yes
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	No
SUITABLE FOR TRAVERSE MOUNTING	No
EXCHANGEABLE CONTROL GEAR	No
SUITABLE FOR LAMP POWER IN W	18
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	60000
LIFETIME L90/B10 AT 25°C	15000
PULSE DURATION IN µS	0
BEG FUNDING	Only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	G
ELDAS-NR.	941010289
DIAMETER IN MM	222
MAX. SYSTEM POWER IN W	18
LUMINOUS FLUX IN LM	1250
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	25
ABMESSUNGEN BREITE MM	222
ABMESSUNGEN HÖHE MM	28
INSTALLATION HEIGHT/DEPTH IN MM	28
NOMINAL VOLTAGE IN V	230
LIGHT SHARING	Asymmetric
LIGHT OUTLET	Direct
TYPE OF WIRING	Suitable for through wiring
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
SURFACE PROTECTION	Plastic-coated
ADJUSTABILITY	Not adjustable
LIGHT DISTRIBUTOR	Other
REFLECTOR	None
BEAM ANGLE	Extreme wide beam >80°
DEGREE OF PROTECTION (NEMA)	Other
CONNECTION TYPE	Other