

PRODUCT NO. 4447-0FW120

DOTLUX LED downlight UNISIZEplus 18W COLORselect



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- Dimmable surface-mounted light for all installation openings from 60-180mm (phase cut-off)
- Easy installation thanks to removable, infinitely adjustable mounting bracket with safety catch/mounting aid
- Removable spring clips allow direct screwing to walls and ceilings
- Extremely space-saving design thanks to integrated ballast
- Stable light output thanks to non-yellowing PMMA light guide
- Decorative rings in 3 colors with magnetic attachment optionally available
- Can also be integrated into DALI networks via optional DALI trailing edge phase dimmer
- COLORselect: 3 light colors in one luminaire. The right light color for every application:
 - Warm white 3,000K: Hotel, store, wellness/spa areas, home & living
 - Neutral white 4,000K: Office, catering, sanitary facilities, retirement homes and hospitals
 - Daylight white 5,700K: conference rooms, educational facilities, office

PRODUCT GROUP	EC001744_Downlight/Strahler/Flutlicht		
SUCCESSION ARTICLE	-	BEAM ANGLE	120
WEIGHT IN KG	0.44	PROTECTION CLASS (IP)	IP20
POWER CONSUMPTION IN WATTS	18	LIGHT COLOR	multicoloured
NET LUMINOUS FLUX IN LUMENS	1440	INPUT VOLTAGE	220 - 240 AC
LUMEN PER WATT	80	SERVICE LIFE	approx. 35.000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	3000/4000/5700
		COLOR-RENDERING-INDEX	CRI > 82
		POWER FACTOR	0,92
Dimensions		INRUSH CURRENT IN A	0
length: 217mm		IK PROTECTION	IK05
width: 217mm		LUMEN PER WATT	80
height: 15mm		PROTECTION CLASS	II
diameter: 217mm		VOLTAGE TYPE	AC
		HOUSING COLOUR	white
		SUITED FOR EMERGENCY LIGHTING	No
		GLARE-FREE	UGR value less than 30
		SWITCH CYCLES	> 70.000
		INSTALLATION OPENING WIDTH IN MM	60
		INSTALLATION OPENING DIAMETER IN MM	60-180

INSTALLATION OPENING LENGHT IN MM	60
INPUT VOLTAGE SPAN	220-240
WARRANTY IN YEARS	3
L80/B10	35000
RATED CURRENT	0,08
SUITABLE FOR SURFACE MOUNTING	Yes
SUITABLE FOR MOUNTING	Yes
DIMMING WITHOUT DIMMER	No
INPUT VOLTAGE RANGE LUMINAIRE ASSORTMENT	220-240 Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	35000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	70000
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
LAMP HOLDER	other Without
MATERIAL COVER	Plastic, structured
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	Yes
DIMMING PHASE CUT-OFF	Yes
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	No
LIGHT DISTRIBUTOR	Diffuser lens/optic/panel
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM3
DEGREE OF PROTECTION (NEMA)	1
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)	No
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG0
COLOUR OF LIGHT ADJUSTABLE	Positions
LUMINOUS FLUX 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
SUITABLE FOR LAMP POWER IN W	10
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
SURFACE BRUSHED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	Yes
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	70000
LIFETIME L90/B10 AT 25°C	17500
PULSE DURATION IN µs	0
BEG FUNDING	Only relevant in Germany
LED OPERATING CURRENT IN MA	78
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	F
ELDAS-NR.	941402319
Dimension Length in mm	
DIAMETER IN MM	217
MAX. SYSTEM POWER IN W	18
LUMINOUS FLUX IN LM	1440
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	217
ABMESSUNGEN HÖHE MM	15
INSTALLATION HEIGHT/DEPTH IN MM	12
NOMINAL VOLTAGE IN V	230
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	50
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	125
LIGHT OUTLET	Direct

BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
REFLECTOR	Matt
ADJUSTABILITY	Not adjustable
BEAM ANGLE	Extreme wide beam >80°
SURFACE PROTECTION	Untreated
CONNECTION TYPE	Other