

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

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	0.44	<b>PROTECTION CLASS (IP)</b>	IP20
<b>POWER CONSUMPTION IN WATTS</b>	18	<b>LIGHT COLOR</b>	multicoloured
<b>NET LUMINOUS FLUX IN LUMENS</b>	1440	<b>INPUT VOLTAGE</b>	220 - 240 V AC
<b>LUMEN PER WATT</b>	80	<b>SERVICE LIFE</b>	approx. 35.000 h at 25°C
		<b>COLOR TEMPERATURE IN KELVIN</b>	3000/4000/5700
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>POWER FACTOR</b>	0,92
		<b>INRUSH CURRENT IN A</b>	0
<b>Dimensions</b>		<b>IK PROTECTION</b>	IK05
<b>height:</b> 15mm		<b>LUMEN PER WATT</b>	80
<b>diameter:</b> 217mm		<b>PROTECTION CLASS</b>	II
		<b>VOLTAGE TYPE</b>	AC
		<b>HOUSING COLOUR</b>	white
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>GLARE-FREE</b>	UGR value less than 30
		<b>SWITCH CYCLES</b>	> 70.000
		<b>INSTALLATION OPENING WIDTH IN MM</b>	0
		<b>INSTALLATION OPENING DIAMETER IN MM</b>	60-180
		<b>INSTALLATION OPENING LENGHT IN MM</b>	0
		<b>INPUT VOLTAGE SPAN</b>	220-240
		<b>WARRANTY IN YEARS</b>	3

<b>L80/B10</b>	35000
<b>RATED CURRENT</b>	0,08
<b>SUITABLE FOR SURFACE MOUNTING</b>	Yes
<b>SUITABLE FOR MOUNTING</b>	Yes
<b>DIMMING WITHOUT DIMMER</b>	No
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	220-240
<b>ASSORTMENT</b>	Proline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	35000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	70000
<b>ETIM GROUP IDENTIFICATION NUMBER</b>	ECC001744
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	No
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	No
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>SUITABLE FOR NUMBER OF LIGHT SOURCES</b>	1
<b>LAMP HOLDER</b>	other Without
<b>MATERIAL COVER</b>	Plastic, structured
<b>TYPE OF CONTROL GEAR</b>	LED operating device current- controlled
<b>WITH CONTROL GEAR</b>	Yes
<b>DIMMING 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	No
<b>DIMMING DALI</b>	No
<b>DIMMING DMX</b>	No
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	No
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	Yes
<b>DIMMING PHASE CUT-OFF</b>	Yes
<b>DIMMING PROGRAMMABLE</b>	No
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	No
<b>NO DIM FUNCTION</b>	No
<b>LIGHT DISTRIBUTOR</b>	Diffuser lens/optic/panel
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM3
<b>DEGREE OF PROTECTION (NEMA)</b>	1
<b>IMPACT STRENGTH</b>	IK05
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	No
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	No
<b>WITH MOVEMENT SENSOR</b>	No
<b>WITH LIGHT SENSOR</b>	No

<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>FILAMENT TEST ACCORDING TO IEC 60695-2-11</b>	650 °C - 30 s
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>TYPE OF WIRING</b>	Through wiring included
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG0
<b>COLOUR OF LIGHT ADJUSTABLE</b>	Positions
<b>LUMINOUS FLUX ADJUSTABLE</b>	Positions
<b>OPERATION BY BLUETOOTH</b>	No
<b>COMPATIBLE WITH CASAMBI</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>	No
<b>SUITABLE FOR CLAMP-MOUNTING</b>	No
<b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>	No
<b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>	No
<b>SUITABLE FOR TRAVERSE MOUNTING</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	No
<b>SUITABLE FOR LAMP POWER IN W</b>	10
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>SURFACE BRUSHED</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	Yes
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	70000
<b>LIFETIME L90/B10 AT 25°C</b>	17500
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	Only relevant in Germany
<b>LED OPERATING CURRENT IN MA</b>	78
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	F
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>LIGHT OUTLET</b>	Direct/indirect
<b>REFLECTOR</b>	Matt
<b>ADJUSTABILITY</b>	Not adjustable
<b>BEAM ANGLE</b>	Extreme wide beam >80°
<b>SURFACE PROTECTION</b>	Untreated
<b>CONNECTION TYPE</b>	Other