

PRODUCT NO. 5090-0FW120

DOTLUX LED downlight UNISIZEplus-sensor 18W COLORselect



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- IP44 universal luminaire with adjustable PIR sensor and soft start
- For all installation openings from 60-180mm, also for wall and ceiling mounting
- Removable, infinitely adjustable mounting bracket facilitates installation
- Extremely space-saving design due to integrated ballast with direct spring clamp connection
- Non-yellowing PMMA light guide ensures color-stable light output
- Sensor range up to 5 meters
- Direct wall and ceiling mounting
- 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, gastronomy, sanitary, senior citizen and hospitals
 - Daylight white 5,700K: conference rooms, educational institutions, office

SUCCESSION ARTICLE	5090-199110
WEIGHT IN KG	0.5
POWER CONSUMPTION IN WATTS	18
NET LUMINOUS FLUX IN LUMENS	1400
LUMEN PER WATT	78

Dimensions

height: 22mm
diameter: 227mm

BEAM ANGLE	120°
PROTECTION CLASS (IP)	other Front IP44 / rear IP20
LIGHT COLOR	multicoloured
INPUT VOLTAGE	220 - 240 V AC
SERVICE LIFE	approx. 35.000 h at 25°C
COLOR TEMPERATURE IN KELVIN	3000/4000/5700
COLOR-RENDERING-INDEX	CRI > 82
POWER FACTOR	0,93
INRUSH CURRENT IN A	0
IK PROTECTION	IK05
LUMEN PER WATT	78
PROTECTION CLASS	II
VOLTAGE TYPE	AC
HOUSING COLOUR	white
SUITED FOR EMERGENCY LIGHTING	No
SWITCH CYCLES	> 70.000
INSTALLATION OPENING WIDTH IN MM	0
INSTALLATION OPENING DIAMETER IN MM	60-180
INSTALLATION OPENING LENGHT IN MM	0
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	220-240
ASSORTMENT	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
LIFETIME L80/B20 AT 25°C	0
ETIM GRUPPEN-ID	EC001744
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
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
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	Yes
WITH LIGHT SENSOR	Yes
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

TYPE OF WIRING	Through wiring included
CONNECTION TYPE	Cable
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	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	70000
LIFETIME L90/B10 AT 25°C	17500
PULSE DURATION IN µS	0
LIFETIME L90/B50 AT 25°C	23333
BEG FUNDING	Only relevant in Germany
LED-BETRIEBSSTROM IN MA	80
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	F
BEAM ANGLE ADJUSTABLE	No
REFLECTOR	White
LIGHT SHARING	Symmetric
LIGHT OUTLET	Direct/indirect
ADJUSTABILITY	Not adjustable
BEAM ANGLE	Extreme wide beam >80°
SURFACE PROTECTION	Untreated
DEGREE OF PROTECTION (NEMA)	Other
MATERIAL COVER	Other