

PRODUCT NO. 4570-0FW090

**DOTLUX LED downlight CIRCLEugr-dim 21W 3000/4000/5700K COLORselect without driver**



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- Glare-free luminaire design (UGR<19)
- Faced multi-reflector ensures uniform illumination
- System plug enables flexible choice of power supply unit
- Tool-free terminal connection (through-wirable with integrated strain relief)
- Splash-proof housing design (IP 54 on the front)
- SmartCooling: room-side heat dissipation through aluminum reflector
- Distance-free installation to insulation possible
- Suitable for central battery
- *COLORselect*: 3 light colors in one luminaire: 3000K, 4000K and 5700K. The right light color can be set for every application environment.

<b>PRODUCT GROUP</b>	EC001744_Downlight/Strahler/Flutlicht	<b>BEAM ANGLE</b>	90
<b>SUCCESSION ARTICLE</b>	-	<b>PROTECTION CLASS (IP)</b>	other Front IP54 / rear IP20
<b>WEIGHT IN KG</b>	0.51	<b>LIGHT COLOR</b>	multicoloured
<b>POWER CONSUMPTION IN WATTS</b>	21	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>NET LUMINOUS FLUX IN LUMENS</b>	2280/2650/2450	<b>COLOR TEMPERATURE IN KELVIN</b>	3000/4000/5700
<b>LUMEN PER WATT</b>	126	<b>COLOR-RENDERING-INDEX</b>	CRI > 82
<b>Dimensions</b>		<b>POWER FACTOR</b>	0,9
<b>length:</b>	228mm	<b>INRUSH CURRENT IN A</b>	0
<b>width:</b>	228mm	<b>IK PROTECTION</b>	IK03
<b>height:</b>	98mm	<b>LUMEN PER WATT</b>	126
<b>diameter:</b>	228mm	<b>PROTECTION CLASS</b>	II
		<b>HOUSING COLOUR</b>	white
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>GLARE-FREE</b>	UGR < 19
		<b>FOOD-READY</b>	Yes
		<b>INSTALLATION OPENING WIDTH IN MM</b>	210
		<b>INSTALLATION OPENING DIAMETER IN MM</b>	200-210

<b>INSTALLATION OPENING LENGHT IN MM</b>	210
<b>WARRANTY IN YEARS</b>	5
<b>L80/B10</b>	50000
<b>RATED CURRENT</b>	0.7
<b>SUITABLE FOR SURFACE MOUNTING</b>	No
<b>SUITABLE FOR MOUNTING</b>	Yes
<b>DIMMING WITHOUT DIMMER</b>	Power supply unit dependent
<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>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	100000
<b>SUITABLE FOR WALL MOUNTING</b>	No
<b>SUITABLE FOR SUSPENDE MOUNTING</b>	No
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	Yes
<b>LAMP HOLDER</b>	-
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	No
<b>DIMMING 1-10 V</b>	Yes
<b>DIMMING DALI</b>	Yes
<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>	No
<b>DIMMING PHASE CUT-OFF</b>	Yes
<b>DIMMING PROGRAMMABLE</b>	Yes
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	Yes
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	Yes
<b>NO DIM FUNCTION</b>	Yes
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>IMPACT STRENGTH</b>	IK03
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	No
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	Yes
<b>TYPE OF WIRING</b>	Ending
<b>CONNECTION TYPE</b>	Push-in clamp
<b>COLOUR OF LIGHT 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>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>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	21
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>SURFACE BRUSHED</b>	No
<b>DIMMING DALI-2</b>	Yes
<b>DIMMING PHASE CUT-ON</b>	Yes
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	100000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	C
<b>ELDAS-NR.</b>	941402209
Dimension Length in mm	
<b>DIAMETER IN MM</b>	228
<b>MAX. SYSTEM POWER IN W</b>	21
<b>LUMINOUS FLUX IN LM</b>	2650
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-45
<b>ABMESSUNGEN BREITE MM</b>	228
<b>ABMESSUNGEN HÖHE MM</b>	98
<b>INSTALLATION HEIGHT/DEPTH IN MM</b>	98
<b>NOMINAL VOLTAGE IN V</b>	-
<b>LIGHT OUTLET</b>	Direct
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>REFLECTOR</b>	Other
<b>BEAM ANGLE</b>	Extreme wide beam >80°
<b>MATERIAL COVER</b>	Without cover