

PRODUCT NO. 1946-0FW100

**DOTLUX LED recessed ceiling spotlight FLEXA COLORselect, POWERselect 28W/38W 60° tiltable**



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- Equipped with innovative SAMSUNG® LEDs
- Heat-decoupled driver in a separate housing
- Highly efficient, passive die-cast aluminum heat sink
- Uniform light distribution thanks to the special diffusing lens
- Easy replacement due to standard size

<b>PRODUCT GROUP</b>	EC001744_Downlight/Strahler/Flutlicht		
<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	100
<b>PREDECESSOR ARTICLE</b>	1946-155120, 1946	<b>PROTECTION CLASS (IP)</b>	IP20
<b>WEIGHT IN KG</b>	1.093	<b>TEMPERATURE RANGE</b>	-40°C to +40°C
<b>POWER CONSUMPTION IN WATTS</b>	38	<b>LIGHT COLOR</b>	multicoloured
<b>NET LUMINOUS FLUX IN LUMENS</b>	max. 4180	<b>INPUT VOLTAGE</b>	220 - 240 AC
<b>LUMEN PER WATT</b>	110	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
		<b>COLOR TEMPERATURE IN KELVIN</b>	3000/4000/5700
		<b>COLOR-RENDERING-INDEX</b>	CRI > 92
		<b>POWER FACTOR</b>	0,97
<b>Dimensions</b>		<b>INRUSH CURRENT IN A</b>	0
<b>length:</b> 240mm		<b>LUMEN PER WATT</b>	110
<b>width:</b> 145mm		<b>PROTECTION CLASS</b>	II
<b>height:</b> 103mm		<b>VOLTAGE TYPE</b>	AC
		<b>HOUSING COLOUR</b>	white
		<b>SWITCH CYCLES</b>	> 100.000
		<b>INSTALLATION OPENING WIDTH IN MM</b>	130
		<b>INSTALLATION OPENING DIAMETER IN MM</b>	125-130
		<b>INSTALLATION OPENING LENGHT IN MM</b>	227
		<b>INPUT VOLTAGE SPAN</b>	220-240 AC
		<b>WARRANTY IN YEARS</b>	5
		<b>L80/B10</b>	50000
		<b>RATED CURRENT</b>	0
		<b>SUITABLE FOR SURFACE MOUNTING</b>	No
		<b>SUITABLE FOR MOUNTING</b>	Yes

<b>DIMMING WITHOUT DIMMER</b>	No
<b>INPUT VOLTAGE RANGE LUMINAIRE</b>	220-240 AC
<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>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>	0
<b>MATERIAL COVER</b>	-
<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>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<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>	Yes
<b>LIGHT SHARING</b>	-
<b>BEAM ANGLE</b>	-
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM3
<b>LIGHT OUTLET</b>	-
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</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>	without
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>TYPE OF WIRING</b>	-
<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>	Yes
<b>SUITABLE FOR LAMP POWER IN W</b>	38
<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>	No
<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>ROTATABLE / SWIVELLING</b>	60° / -
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	F
<b>ELDAS-NR.</b>	941470759
Dimension Length in mm	
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	38
<b>LUMINOUS FLUX IN LM</b>	4180
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-40
<b>ABMESSUNGEN BREITE MM</b>	145
<b>ABMESSUNGEN HÖHE MM</b>	103
<b>INSTALLATION HEIGHT/DEPTH IN MM</b>	103
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	0
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	0
<b>BEAM ANGLE ADJUSTABLE</b>	Continuously variable
<b>ADJUSTABILITY</b>	Swivelling
<b>REFLECTOR</b>	Other
<b>LIGHT DISTRIBUTOR</b>	Other
<b>SURFACE PROTECTION</b>	Other
<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	Other
<b>DEGREE OF PROTECTION (NEMA)</b>	Other
<b>CONNECTION TYPE</b>	Other
<b>LAMP HOLDER</b>	Other