

PRODUCT NO. 1946-OFW100

# 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

SUCCESSION ARTICLE	-
PREDECESSOR ARTICLE	1946-155120, 1946
WEIGHT IN KG	1.068
POWER CONSUMPTION IN WATTS	38
NET LUMINOUS FLUX IN LUMENS	max. 4180
LUMEN PER WATT	110

## Dimensions

length: 240mm  
width: 145mm  
height: 103mm

BEAM ANGLE	100°
PROTECTION CLASS (IP)	IP20
TEMPERATURE RANGE	-40°C to +40°C
LIGHT COLOR	multicoloured
SERVICE LIFE	approx. 50.000 h at 25°C
COLOR TEMPERATURE IN KELVIN	3000/4000/5700
COLOR-RENDERING-INDEX	CRI > 92
POWER FACTOR	0,97
INRUSH CURRENT IN A	0
IK PROTECTION	other
LUMEN PER WATT	110
PROTECTION CLASS	II
VOLTAGE TYPE	AC
HOUSING COLOUR	white
SWITCH CYCLES	> 100.000
INSTALLATION OPENING WIDTH IN MM	130
Installation opening diameter in mm	
INSTALLATION OPENING LENGHT IN MM	227
INPUT VOLTAGE SPAN	220-240 V AC
WARRANTY IN YEARS	5
L80/B10	50000
RATED CURRENT	0
SUITABLE FOR SURFACE MOUNTING	No
SUITABLE FOR MOUNTING	Yes
DIMMING WITHOUT DIMMER	No
INPUT VOLTAGE RANGE LUMINAIRE	220-240 V AC

ASSORTMENT	Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	50000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	100000
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	0
MATERIAL COVER	-
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 SHARING	-
BEAM ANGLE	-
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
LIGHT OUTLET	-
IMPACT STRENGTH	other
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	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	without
CONSTANT LIGHT OUTPUT (CLO)	No
TYPE OF WIRING	-
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	Yes
SUITABLE FOR LAMP POWER IN W	38
LAMP TYPE	LED
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	100000
LIFETIME L90/B10 AT 25°C	25000
PULSE DURATION IN µS	0
LIFETIME L90/B50 AT 25°C	33333
BEG FUNDING	Only relevant in Germany
DREH- /SCHWENKBAR	60° / -
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	F
BEAM ANGLE ADJUSTABLE	Continuously variable
ADJUSTABILITY	Swivelling
REFLECTOR	Other
LIGHT DISTRIBUTOR	Other
SURFACE PROTECTION	Other
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	Other
TYPE OF CONTROL GEAR	Not required
DEGREE OF PROTECTION (NEMA)	Other
CONNECTION TYPE	Other
LAMP HOLDER	Other