

PRODUCT NO. 2529-140120

DOTLUX LED panel TOPsquare 225x225mm 18W 4000K with square mounting frame



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- Clear, linear design
- Robust backlight technology with aluminum core board
- Integrated power supply unit facilitates installation
- Good color rendering (Ra > 82)

PRODUCT GROUP EC002892_Decken-/Wandleuchte

SUCCESSION ARTICLE -
PREDECESSOR ARTICLE 2529-0FW120 2529-030120

WEIGHT IN KG 0.3
POWER CONSUMPTION IN WATTS 18
NET LUMINOUS FLUX IN LUMENS 1620
LUMEN PER WATT 90

Dimensions

length: 225mm
width: 225mm
height: 35mm

BEAM ANGLE 120
PROTECTION CLASS (IP) IP20
LIGHT COLOR white
INPUT VOLTAGE 220 - 240 AC
SERVICE LIFE approx. 20.000 h at 25°C
COLOR TEMPERATURE IN KELVIN 4000
COLOR-RENDERING-INDEX CRI > 82
POWER FACTOR 0,5
INRUSH CURRENT IN A 0
IK PROTECTION IK03
LUMEN PER WATT 90
PROTECTION CLASS II
VOLTAGE TYPE AC
HOUSING COLOUR white
SUITED FOR EMERGENCY LIGHTING No
SWITCH CYCLES > 40.000
WARRANTY IN YEARS 2
L80/B10 20000
RATED CURRENT 0.1
SIMILAR TO RAL-COLOUR 9003
SUITABLE FOR SURFACE MOUNTING Yes
SUITABLE FOR MOUNTING No
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015 not required
LIFETIME L80/B10 AT 25°C 20000

LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	40000
WITH ILLUMINANT	No
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR LIGHT LINE CONFIGURATION	No
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
LAMP HOLDER	-
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
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK03
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
WITH AIR SLOTS	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	650 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	Yes
CONNECTION TYPE	Cable
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG2
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
EXCHANGEABLE CONTROL GEAR	No
SUITABLE FOR LAMP POWER IN W	17.7
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	40000
LIFETIME L90/B10 AT 25°C	10000
PULSE DURATION IN µS	0
BEG FUNDING	Only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	G
ELDAS-NR.	941003869
Dimension Length in mm	
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	18
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	25
ABMESSUNGEN BREITE MM	225
ABMESSUNGEN HÖHE MM	35
NOMINAL VOLTAGE IN V	230
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	-
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	-
LIGHT SHARING	Asymmetric
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
SURFACE PROTECTION HOUSING	Plastic-coated
TYPE OF GRID	None
LIGHT DISTRIBUTOR	Other
BEAM ANGLE	Extreme wide beam >80°
DEGREE OF PROTECTION (NEMA)	Other
MATERIAL COVER	Other