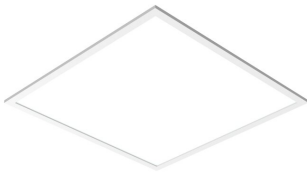


PRODUCT NO. 1808-499090

DOTLUX LED panel FLATugr 620x620mm max.36W UGR<19 COLORselect



to the product page

- Microprism diffuser enables glare-free light distribution
- UGR < 19 suitable for VDU workstations
- 3-step MacAdam binning - constant color temperature of all luminaires
- High-quality construction thanks to non-yellowing PMMA light guide technology
- High number of low-current LEDs guarantee a long LED service life and consequently low maintenance costs!
- Multiple power levels thanks to different power supply units
- Glare-free, homogeneous and shadow-free light distribution
- Fatigue-free working thanks to flicker-free light
- Better contrast rendition with very good color rendering and constant color temperature
- White frame and connection cable with plug connector

PRODUCT GROUP EC002892_Decken-/Wandleuchte

PREDECESSOR ARTICLE 1808-3FW090

WEIGHT IN KG 1.98

POWER CONSUMPTION IN WATTS 36

NET LUMINOUS FLUX IN LUMENS 5050

LUMEN PER WATT 144/140/142/140/

BEAM ANGLE 90

PROTECTION CLASS (IP) IP20

LIGHT COLOR white

SERVICE LIFE approx. 50.000 h at 25°C

COLOR TEMPERATURE IN KELVIN 3000/4000/5700

COLOR-RENDERING-INDEX CRI > 92

IK PROTECTION IK00

LUMEN PER WATT 144/140/142/140/

PROTECTION CLASS III

VOLTAGE TYPE DC

HOUSING COLOUR white

SUITED FOR EMERGENCY LIGHTING No

GLARE-FREE UGR < 19

INSTALLATION OPENING WIDTH IN MM 620

Dimensions

height: 30mm

length: 620mm

width: 620mm

INSTALLATION OPENING LENGHT IN MM	620
WARRANTY IN YEARS	7
L80/B10	50000
RATED CURRENT	1.05
SIMILAR TO RAL-COLOUR	9016
SUITABLE FOR SURFACE MOUNTING	Yes
SUITABLE FOR MOUNTING	Yes
HCL-READY	yes
ENABLED LICENSED PRODUCT	Yes
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
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	Yes
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR LIGHT LINE CONFIGURATION	No
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	Yes
SUITABLE FOR NUMBER OF LIGHT SOURCES	128
LAMP HOLDER	-
MATERIAL COVER	Plastic, opal
TYPE OF CONTROL GEAR	LED operating device current-controlled
WITH CONTROL GEAR	No
DIMMING 0-10 V	Yes
DIMMING 1-10 V	Yes
DIMMING DALI	Yes
DIMMING DMX	No
DIMMING DSI	No
DIMMING POTENTIOMETER (INTEGRATED)	Yes
DIMMING LINESWITCH	No
DIMMING MANUFACTURER'S PROPRIETARY SYSTEM	Yes
DIMMING MAINS VOLTAGE MODULATION	Yes
DIMMING PHASE CUT-OFF	Yes
DIMMING PROGRAMMABLE	Yes
DIMMING RF	Yes
DIMMING SINE WAVE REDUCTION	Yes
DIMMING TOUCH AND DIM	Yes
DIMMING ZIGBEE	Yes
DIMMING WITH PUSH-BUTTON	Yes
DIMMING DEPENDING ON CONTROL GEAR	Yes
NO DIM FUNCTION	No
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM5
DEGREE OF PROTECTION (NEMA)	1
IMPACT STRENGTH	IK00
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No

SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH AIR SLOTS	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	650 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	Yes
TYPE OF WIRING	Ending
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
EXCHANGEABLE CONTROL GEAR	Yes
SUITABLE FOR LAMP POWER IN W	20-36
LAMP TYPE	LED not exchangeable
DIMMING DALI-2	Yes
DIMMING PHASE CUT-ON	Yes
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	100000
LIFETIME L90/B10 AT 25°C	25000
BEG FUNDING	only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	F
ELDAS-NR.	941007939
MAX. SYSTEM POWER IN W	36
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	620
ABMESSUNGEN HÖHE MM	30
INSTALLATION HEIGHT/DEPTH IN MM	30
NOMINAL VOLTAGE IN V	36
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	33
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	56
LIGHT OUTLET	Direct
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
SURFACE PROTECTION HOUSING	Powder coating
TYPE OF GRID	None
LIGHT DISTRIBUTOR	None
BEAM ANGLE	Extreme wide beam >80°