![DOTLUX logo - LICHT IN BESTER QUALITÄT]

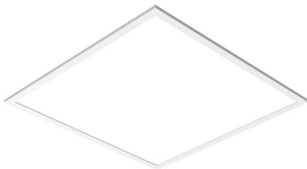**PRODUCT NO.** 1808-499090

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

- Microprism diffuser enables glare-free light distribution
- UGR < 19 suitable for VDU workstations
- 3-step MacAdam binning - constant color temperature of all luminaires
- High number of low-current LEDs guarantee a long LED service life
  and consequently low maintenance costs!
- 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

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SUCCESSION ARTICLE	-	**BEAM ANGLE**	90
PREDECESSOR ARTICLE	1808-3FW090	**PROTECTION CLASS (IP)**	IP20
		LIGHT COLOR	white
WEIGHT IN KG	1.98	**COLOR TEMPERATURE IN KELVIN**	3000-4000-5700
POWER CONSUMPTION IN WATTS	36	**COLOR-RENDERING-INDEX**	CRI > 92
NET LUMINOUS FLUX IN LUMENS	2885/3775/4565/5050	**IK PROTECTION**	IK00
LUMEN PER WATT	144/140/142/140/	**LUMEN PER WATT**	144/140/142/140/
		PROTECTION CLASS	III
		VOLTAGE TYPE	DC
Dimensions		**HOUSING COLOUR**	white
		SUITED FOR EMERGENCY LIGHTING	No
		GLARE-FREE	UGR < 19
height: 30mm		**WARRANTY IN YEARS**	7
length: 620mm		**RATED CURRENT**	1.5
width: 620mm		**SIMILAR TO RAL-COLOUR**	9016
		SUITABLE FOR SURFACE MOUNTING	Yes
		SUITABLE FOR MOUNTING	Yes
		HCL-READY	yes
		ENABLED LICENSED PRODUCT	Yes
		ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
		ETIM GRUPPEN-ID	EC002892
		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	No
DIMMING PHASE CUT-OFF	No
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
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	No
DIMMING GPRS	No
BEG FUNDING	only relevant in Germany
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	F
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°