



# product\_datasheet\_title

## PANEL D/I 1200 36 W 4000 K UGR19 DALI

PANEL DIRECT/INDIRECT 1200 UGR < 19 DALI | Suspended edge-lit luminaires for direct and indirect light emission, low glare, 1200 mm with DALI-2 IoT technology



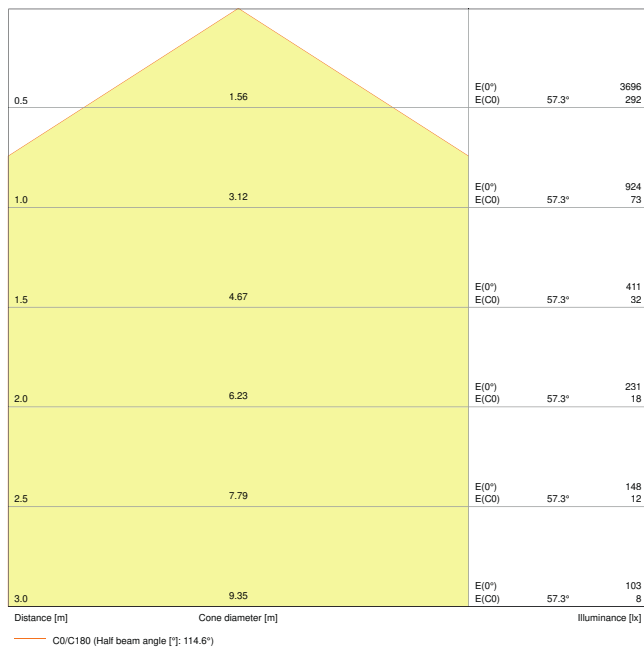
## technical\_data

## ELECTRICAL DATA

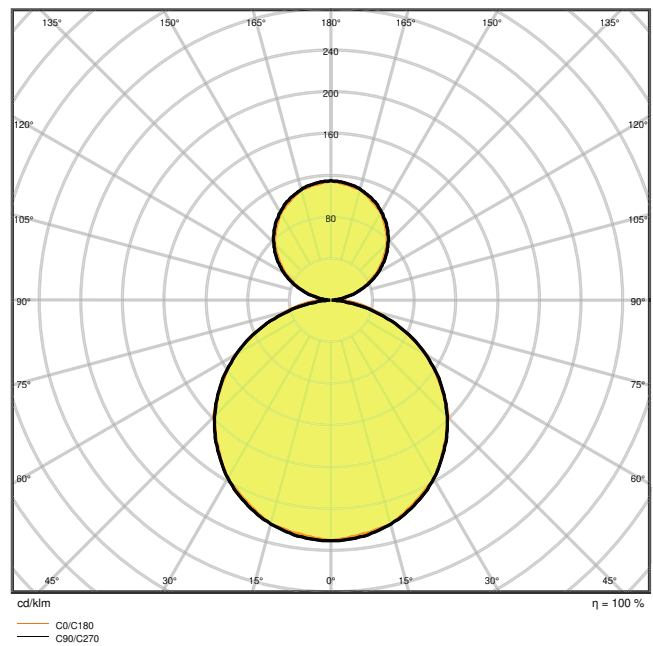
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	230.000 mA
Inrush current	16 A
Inrush current time $T_{h50}$	160 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	20
Max. number of luminaires per miniature circuit breaker C10	21
Max. number of luminaires per miniature circuit breaker C16	33
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

## PHOTOMETRICAL DATA

Luminous flux	4000 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	4 sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °
UGR	< 19



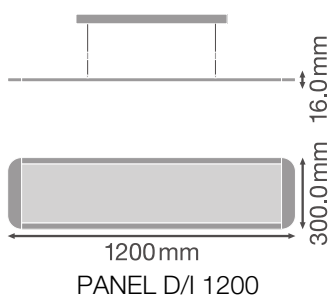
PANEL DI 1200 36W4000K UGR 19 DALI



PANEL DI 1200 36W4000K UGR 19 DALI

### DIMENSIONS & WEIGHT

Length	1200.00 mm
Width	300.00 mm
Height	16.00 mm
Product weight	3500.00 g



### MATERIALS & COLORS

Product color	White
Housing color	White

Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## APPLICATION & MOUNTING

Ambient temperature range	-20...+45 °C
Type of connection	Terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	yes
Type of dimming	DALI
Mounting type	Suspended
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

## LIFESPAN

Lifespan L70/B50 at 25 °C	80000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	60000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	100000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)












## CONTROL GEAR

ECG - Output voltage	38 V
Output current	800 mA

## CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No

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Documents and certificates		document_name
	User instruction	PANEL D/I 1200 36W DALI UGR19
	Addon Technical Information	LSI PANEL D I DALI AND ZBVR
	Declarations Of Conformity CE	PANEL D I 1200 DALI
Photometric and lighting design files		document_name
	IES file (IES)	PANEL DI 1200 36W4000K UGR 19 DALI
	LDT file (Eulumdat)	PANEL DI 1200 36W4000K UGR 19 DALI
	ULD file (DIALux)	PL D-I 1200 36W-4000K UGR19 DALI
	ROLF file (RELUX)	PANEL D-I 1200 36W-4000K
	UGR file (UGR table)	PANEL DI 1200 36W4000K UGR 19 DALI
	LDC typ cone	PANEL DI 1200 36W4000K UGR 19 DALI
	LDC typ polar	PANEL DI 1200 36W4000K UGR 19 DALI
CAD/BIM files		document_name
	CAD_STEP_3D	PL D I

### logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4058075504042	Folding box 1	75 mm x 1,265 mm x 455 mm	4205.00 g	43.17 dm <sup>3</sup>
4058075504059	Shipping box 2	1,280 mm x 155 mm x 465 mm	9575.00 g	92.26 dm <sup>3</sup>

logistical\_data\_text

### disclaimer\_title

disclaimer\_text