

INDOOR LIGHTING FIXTURE

MEDEEA PANLED UGR



	EN IEC 60598	RoHS	IP20/IP40	IK02		-25°C÷ +40°C +5°C÷+40°C (EM)	WARRANTY 5 years	MAX 30W LED
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General specifications

Product name	MEDEEA PANLED UGR
Application area	General interior lighting in public buildings: offices, hotels - corridors, lobbies, reception areas, lounges, restaurants; shopping centers - corridors, reception areas, fitting rooms, exhibition halls; medical centers - corridors, reception areas, waiting rooms.
Advantages	– High-quality light for a comfortable ambiance – Compact, economical, lighting fixture – Low energy consumption – Low maintenance costs – Easy installation
Light source	LED
Color temperature	4000
Color rendering index (CRI)	≥80
Type of light distribution	Symmetrical
Unified Glare Rating (UGR)	< 19
Degree of protection against dust/water ingress	IP20/40
Degree of protection against mechanical impacts	IK02
Operating temperature range	-25°C ÷ +40°C +5°C ÷ +40°C (EM)
Warranty	5 years

Electrical characteristics

Rated voltage	230 Vac
Frequency (Hz)	50-60 Hz
Power factor	≥0.94
LED lifetime	100.000 hours

Technical characteristics

Construction structure	
Body	Aluminium powder-coated (electrostatically painted)
Color	White
Diffuser	Microprismatic PMMA
Variants upon request	• Can be equipped another LEDs with color temperature in the range 3000–6500K, CRI≥70/80. • Surface-mounted • Emergency lighting kit 1H

Mounting

- Recessed in a grid ceiling

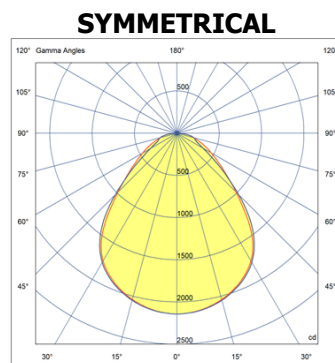
Standards and certifications

Standards	EN IEC 60598-1 EN IEC 60598-2-1
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In compliance with European Directives

- Electromagnetic Compatibility Directive
- Low Voltage Directive
- RoHS Directive, WEEE Directive

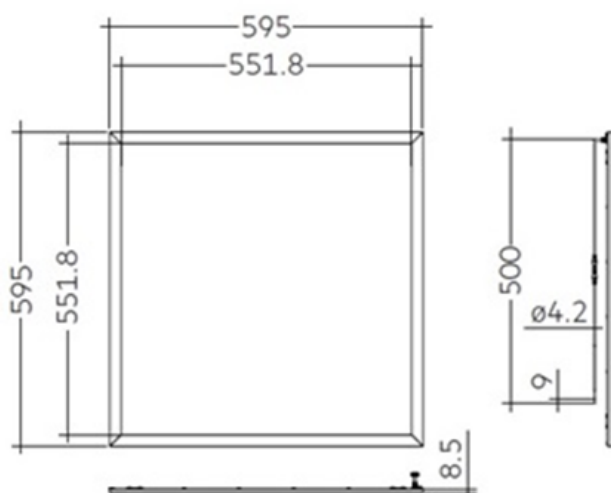
Photometric data



Light intensity distribution curve [Cd/1000 lm]

Dimensional characteristics

MEDEEA PANLED



Product type	L [mm]	m [mm]	l [mm]	h [mm]
MEDEEA PANLED recessed	595	595	600	600

Annex-product codes

Product type	Product code	Nominal voltage [V]	Active power [W]	Protection degree	Degree of protection against electric shock	IK	Weight [Kg]	Total net flux [lm]	Net luminous efficacy [lm/W]
MEDEEA PANLED UGR 3776 LM 28.5W 840	23418903	230	28,5	IP20/IP40	II	IK02	2.6	3776	133
MEDEEA PANLED UGR 3776 LM 29W 840 3H	23418905	230	29	IP20/IP40	II	IK02	3.1	3776	130

3H = emergency lighting kit for 3 hours.

UGR = Unified Glare Rating >19

840=4000K, CRI≥80.

The values are approximate and may be subject to change.

The tolerance of the initial flux and initial active power is $\pm 10\%$ of the specified value. These values are measured at an ambient temperature of 25°C unless another temperature is specified.

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