

Micro-louvre Panel



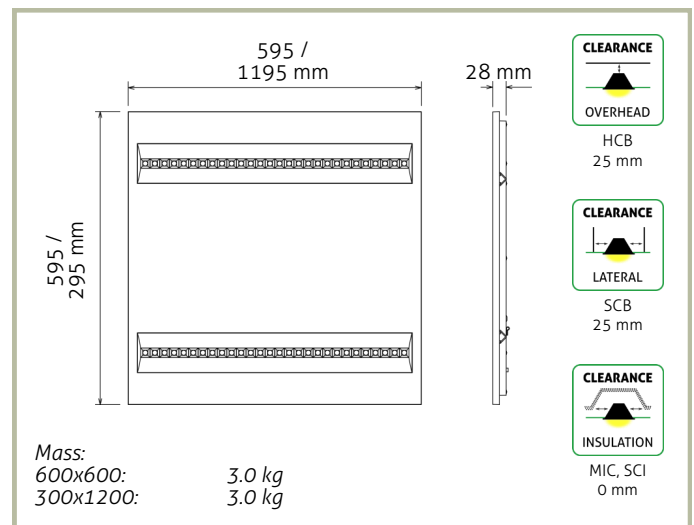
For those situations where a more discrete ceiling presence is desired, Ecopoint can offer a high performance alternative with low-glare micro-louvre optics. By providing a specific lens and reflector/louvre cell for each LED package, the light distribution is tightly controlled while maintaining good levels of efficiency. It retains a shallow profile in the ceiling, and there are options for surface-mounting and plaster-recess (with optional frames) in both 600x600 and 300x1200 sizes.

Key applications: Offices, Retail Areas. Schools, Banks, Hotels etc.

GENERAL SPECIFICATIONS:

Power Factor	≥ 0.90
Electrical Input	220-240 V / 50-60 Hz
Dimming Options	Triac, 1-10V, DALI & Casambi
Colour Temperatures	4000K (3000K, 5000K and 5700K)
Colour Rendering Index	Ra >80
Colour Consistency	4 SDCM
Operating Temperatures	- 20 to 45 deg. C
Construction	Moulded plastic body
Ingress Protection	IP40
Insulation Rating	IC-4
Warranty	5 years

DIMENSIONS:



STANDARD MODELS

Product Code	Description	Size	Power	Flux*
EMP6X6W30W840	Micro-louvre Panel 600x600 White 4000K 30W	595 x 595 x 28	30.5W	3,600 lm
EMP6X6W35W840	Micro-louvre Panel 600x600 White 4000K 35W	595 x 595 x 28	35.2W	4,000 lm
EMP3X12W30W840	Micro-louvre Panel 300x1200 White 4000K 30W	295 x 1195 x 28	30.0W	3,400 lm
EMP3X12W35W840	Micro-louvre Panel 300x1200 White 4000K 35W	295 x 1195 x 28	34.9W	3,900 lm

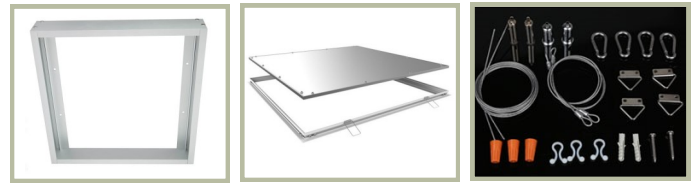
Notes:

* Flux values relate to 4000K versions.

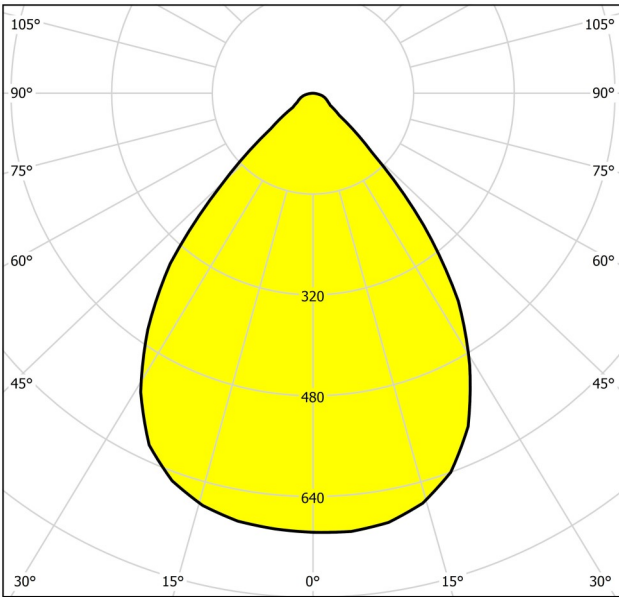


ACCESSORIES

Accessory	Description
Surface-mount kit	White metal frame, for 600 x 600 or 300 x 1200
Plaster recess kit	White recess frame with spring clips, all sizes
Suspension kit	Four-point stainless steel cable suspension



LIGHT DISTRIBUTION:



cd/klm

Standard Optic (UGR<19)

LUMEN MAINTENANCE:

Model	L70 (B10)	L80 (B10)	L90 (B10)	Ambient Temp.
600 x 600 (35W)	-	80,000 hrs	39,000 hrs	25° C
300 x 1200 (35W)	-	80,000 hrs	39,000 hrs	25° C

Lumen maintenance values have been calculated using TM-21 methods, based on LM-80 data and ISTMT data while operating in 25 deg. C ambient conditions. LM-80 data covers 9,000 hours, so predictions beyond 54,000 hours are outside of TM-21 reporting guidelines, and are provided here for indicative purposes only.

GLARE EVALUATION (UGR):

30 W Models

Model	Axial	Transverse
600 x 600 (30W)	18.1	18.4
300 x 1200 (30W)	17.7	18.0

35 W Models

Model	Axial	Transverse
600 x 600 (35W)	17.7	18.6
300 x 1200 (35W)	18.3	18.3

UGR values determined by the tabular method for 4H x 8H room with 70%/50%/20% reflectances. For an accurate design-specific assessment of glare, please request IES files for your lighting software or contact us to help you with a simulation.