

XTM COMPLIANT PANEL LUMINAIRE - COI CYANOSIS

XTM is ideal for installation in hospitals, clinical facilities, diagnostic labs, cleanrooms, and critical projects requiring specialized lighting for clinical cyanosis observation. COI compliant (COI<3.3). This high-efficiency, low-glare panel ensures accurate color rendition and reliable performance, meeting strict healthcare industry standards. Suitable for T-bar ceilings or use with plaster or surface frames.

ELECTRICAL PARAMETERS

Input Voltage:	110-240VAC
Power Consumption:	12-72W Variants
LED Driver Classification:	IP65 Constant Current
Light Source Classification:	SSC Semiconductor CRI>90

MECHANICAL SPECIFICATIONS

Minimum IK Rating:	IK08
IP Protection Rating:	IP65
Overall Panel Thickness:	12mm
Frame Finish:	RAL9016 Powdercoated Frame
Surface Treatment:	Anti-Microbial Coating
Diffuser Specification:	UGR<19 Micro-Prismatic
Recessed Configuration:	T-Bar
Recommended Ambient Temp:	-10 ~ +50°C



CONFIGURATION OPTIONS

- LED CCT Configurable by Special Request
- Surface Mounted Kit or Plaster Frame Kit by Request
- DALI DT8 CCT Tunable Configurations by Special Request

PHOTOMETRIC INFORMATION

Typical Lumen Efficacy:	105lm/w
CCT Colour Temperature:	4000K
Colour Rendering (Ra):	95Ra
Beam Angle / Distribution:	110°



CONTROL OPTIONS

Control protocols include DALI, Casambi, 1-10V analogue dimming, DT8 Tunable CCT.



CASAMBI

COMPLIANCE & CERTIFICATION

- IESNA2002
- AS1680.2.5 - COI ≤3.3
- 4000K CRI >95Ra
- AS/NZS60598, LM79, LM80
- Lifespan: Exceeds 55,000hrs @ L80

COI <3.3
CRI >95

ORDERING INFORMATION

Model Number:	XTM (CYANOSIS COMPLIANCE)
Specify LED CCT:	4000K
Nominal Size	Refer To Size/Model Chart
Specify Diffuser:	Micro-Prismatic
Specify Wattage:	12-72W CRI95
Control Option:	DALI / 1-10V Analogue / Non Dimmable

All product details are subject to change without notice. Final specifications may vary.



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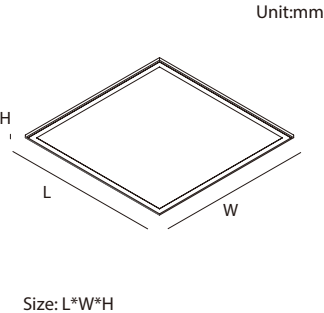
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XTM SERIES - SIZE/MODEL CHART



SIZE	MODEL	POWER	LED CRI	LED DRIVER
295 x 295 x 12mm	XTM303012	12W	>95	IP65 BOKE
595 x 295 x 12mm	XTM606020	20W	>95	IP65 BOKE
595 x 595 x 12mm	XTM606040	40W	>95	IP65 BOKE
620 x 620 x 12mm	XTM626240	40W	>95	IP65 BOKE
1195 x 295 x 12mm	XTM3012040	40W	>95	IP65 BOKE
1195 x 595 x 12mm	XTM6012072	72W	>95	IP65 BOKE



COI CLEANROOM

For specific medical and
clean-room laboratory
applications



WHY COI COMPLIANCE?

As cyanosis is a visual cue of an underlying medical condition, a light quality which permits accurate observation of "normal" and "blueish" skin tones is essential to the medical staff. The COI of a light source has been established as the parameter that determines its suitability for visual detection of cyanosis.

Light sources with a COI of 3.3 or less, a Correlated Color Temperature (CCT) between 3300K and 5300K and a Color Rendering Index (CRI) equal to or greater than 80 are prescribed in the AS/NZS 1680.2.5:2018 standard in use in Australia and New Zealand (Section 7 Light Source Colour).

Light sources with a COI of 3.3 or less, the lower the better, are deemed to provide a light quality that procures visual conditions appropriate to the detection of cyanosis.

INDUSTRIALLIGHT

