

EVEREST SLIM SERIES

CEILING LIGHTING



Key Feature

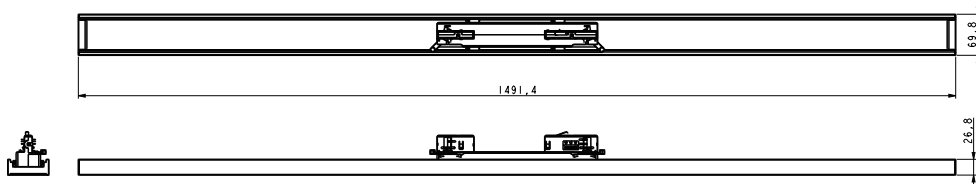
- Suitable for retrofit and new mounting with EU standard track system.
- Tool-free mechanical and electrical installation in 10 seconds.
- Super high light efficiency, up to 175lm/W.
- High flexibility to the lighting tasks in the industrial and retail sectors
- Short payback period
- Available with DALI version
- Life time: 50,000hrs (L80, B20, Ta=25°C, 12hours/Day).
- Warranty: 5 years.
- Shielding angle: 40°

Key Specification

- Input voltage: 220-240 VAC.
- Luminaire input power: 21/32 W/m.
- Luminous Flux: 3696/5376 lm/m @840.
- Luminaire efficacy: 175/170 lm/W @840.
- Ra: 83 (typ.)
- Chromaticity tolerance (initial MacAdam): 3 SDCM
- CCT: 3000K,4000K,5000K
- Beam angle: 75°
- Dimming range from 1-100%
(For DALI version and DALI+emergency version)
- Ta: -20~35°C(5~35°C for Emergency Version)
- Degree of protection class: IP20.
- Impact resistance: IK03.
- Housing: Steel plate powder coating
- Reflector: Injection plastic electroplated.

Standard Version

Dimensions: (mm/inches)



EVEREST SLIM xO-L1500-220V-R
EVEREST SLIM xO-L1500-220V-DR

*x: L / M

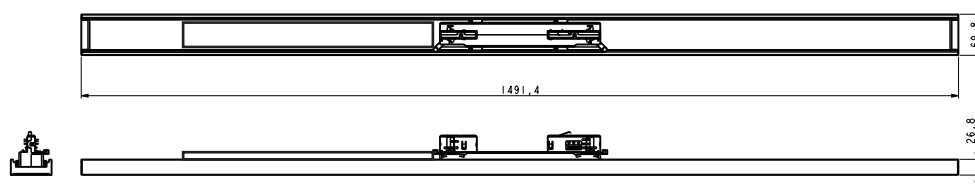
Specifications

Model	Power ^[1] (W)	Beam angle ^[2]	Ra ^[3] typ	CCT ^[4] (K)	Luminous ^[5] flux(lm)	Luminaire ^[6] efficacy(lm/w)	UGR
EVEREST SLIM LO-L1500-220V-R	31	75°	83	3000	5200	168	18
			83	4000	5430	175	18
			83	5000	5430	175	18
EVEREST SLIM LO-L1500-220V-DR	31	75°	83	3000	5200	168	18
			83	4000	5430	175	18
			83	5000	5430	175	18
EVEREST SLIM MO-L1500-220V-R	48	75°	83	3000	7830	163	19
			83	4000	8160	170	19
			83	5000	8160	170	19
EVEREST SLIM MO-L1500-220V-DR	48	75°	83	3000	7830	163	19
			83	4000	8160	170	19
			83	5000	8160	170	19

- [1]: Measurement precision for input voltage/current /power +/- 10%.
 [2]: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15%.
 [3]: Minimum Ra(TYP.) is rated value - 2.
 [4]: Comply with ANSI C78.377
 [5]: Minimum Luminous flux is 90% of rated value.
 [6]: Minimum Luminaire efficacy is 90% of rated value.

Emergency Version

Dimensions: (mm/inches)



EVEREST SLIM xO-L1500-220V-3HR

*x: L / M

Specifications

Model	Power ^[1] (W)	Beam ^[2] angle	Ra ^[3] typ	CCT ^[4] (K)	Luminous ^[5] flux(lm)	Luminaire ^[6] efficacy(lm/w)	Emergency ^[5] Luminous flux(lm)
EVEREST SLIM LO-L1500-220V-3HR	32	75°	83	3000	5216	163	690
			83	4000	5440	170	720
			83	5000	5440	170	720
	Power during charging Max(W)	Rated duration(H)	Rated power during emergency(W)	Battery charging time(H)	Time to light^[7]		
35	3	4	24	< 0.25s			
EVEREST SLIM MO-L1500-220V-3HR	49	75°	83	3000	7791	159	690
			83	4000	8134	166	720
			83	5000	8134	166	720
	Power during charging Max(W)	Rated duration(H)	Rated power during emergency(W)	Battery charging time(H)	Time to light^[7]		
52	3	4	24	< 0.25s			

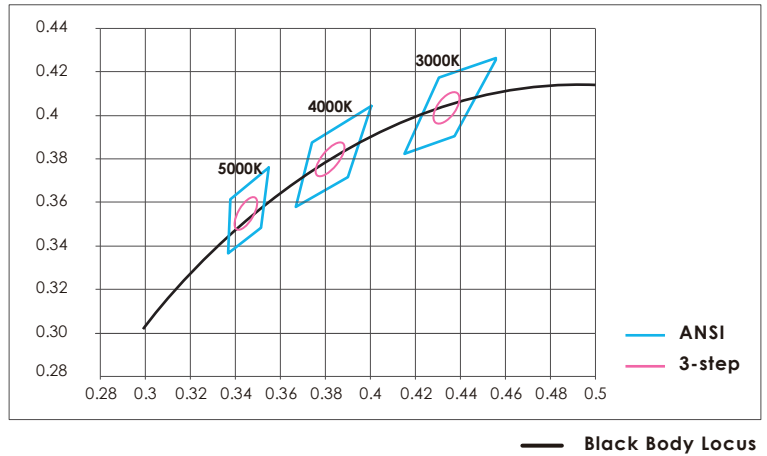
- [1]: Measurement precision for input voltage/current/power +/- 10%.
 [2]: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15%.
 [3]: Minimum Ra(TYP.) is rated value - 2.
 [4]: Comply with ANSI C78.377
 [5]: Minimum Luminous flux is 90% of rated value.
 [6]: Minimum Luminaire efficacy is 90% of rated value.
 [7]: Time from detection of emergency event.

Color Bin Definition

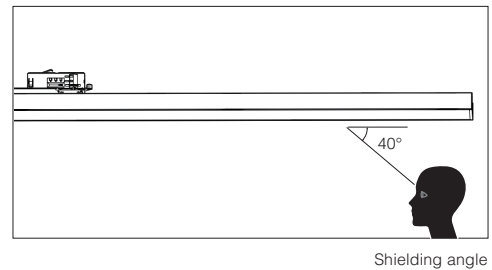
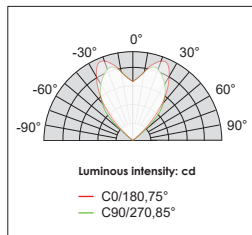
Chromaticity tolerance (initial MacAdam): 3 SDCM (3000K,4000K,5000K)
 Color coordinates (CIEx, CIEy): 3000K(0.4338,0.4030),4000K(0.3818,0.3797),5000K(0.3447 , 0.3553)
 Measurement precision for x ,y +/- 0.005

Standards

EN60598-1
 EN62031
 EN61347-1



Photometrics(reference)



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* Due to continuous improvements and innovations,specifications may change without notice.