

EVEREST SLIM SERIES

CEILING LIGHTING



pending

Key Feature

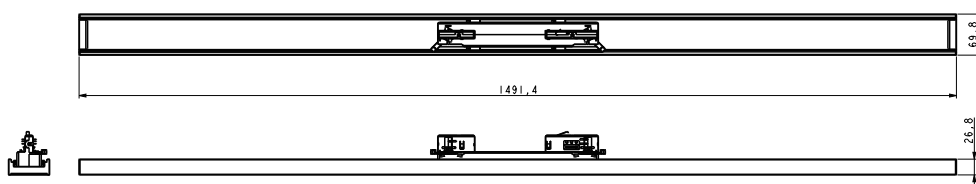
- Suitable for retrofit and new mounting with EU standard track system.
- Tool-free mechanical and electrical installation in 10 seconds.
- Super high light efficiency, up to 192lm/W.
- High flexibility to the lighting tasks in the industrial and retail sectors
- Short payback period
- Available with DALI version
- Life time: 50,000hrs (L80, B20, Ta=25°C, 12hours/Day).
- Warranty: 5 years.

Key Specification

- Input voltage: 220-240 VAC.
- Luminaire input power: 20/32/43 W/m
- Luminous Flux: 3637/5376/7150lm/m @840.
3968/5728/7757lm/m @840.(HE Version)
- Luminaire efficacy: 192(HE)/176/168/165lm/W @840.
- Ra: 83 (typ.)
- Chromaticity tolerance (initial MacAdam): 3 SDCM
- CCT: 3000K,4000K,5000K
- Beam angle: 30°,60°,80°,100°,30°SA,30°*2
- 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.
- Housing: Steel plate powder coating.
- Optical lens: Microstructured lens.

Standard Version

Dimensions: (mm/inches)



EVEREST SLIM xO-L1500-220V-FL
EVEREST SLIM xO-L1500-220V-DFL

*x: L / M / H

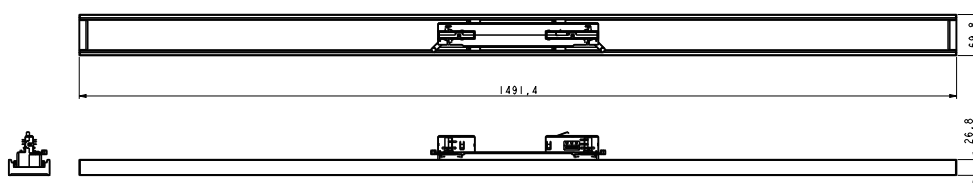
Specifications

Model	Power ^[1] (W)	Beam ^[2] angle	Ra ^[3] typ	CCT ^[4] (K)	Luminous ^[5] flux(lm)	Luminaire ^[6] efficacy(lm/w)	UGR
EVEREST SLIM LO-L1500-220V-FL	31	30°/60°/80°/100° 30°SA/2*30°	83	3000	5177	167	22
			83	4000	5456	176	22
			83	5000	5456	176	22
EVEREST SLIM LO-L1500-220V-DFL	31	30°/60°/80°/100° 30°SA/2*30°	83	3000	5177	167	22
			83	4000	5456	176	22
			83	5000	5456	176	22
EVEREST SLIM MO-L1500-220V-FL	48	30°/60°/80°/100° 30°SA/2*30°	83	3000	7680	160	24
			83	4000	8064	168	24
			83	5000	8064	168	24
EVEREST SLIM MO-L1500-220V-DFL	48	30°/60°/80°/100° 30°SA/2*30°	83	3000	7680	160	24
			83	4000	8064	168	24
			83	5000	8064	168	24
EVEREST SLIM HO-L1500-220V-FL	65	30°/60°/80°/100° 30°SA/2*30°	83	3000	10400	160	24
			83	4000	10725	165	26
			83	5000	10725	165	26
EVEREST SLIM HO-L1500-220V-DFL	65	30°/60°/80°/100° 30°SA/2*30°	83	3000	10205	157	26
			83	4000	10725	165	26
			83	5000	10725	165	26

[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.

HE Version

Dimensions: (mm/inches)



EVEREST SLIM xO-L1500-220V-FL
 EVEREST SLIM xO-L1500-220V-DFL
 *x: L / M / H

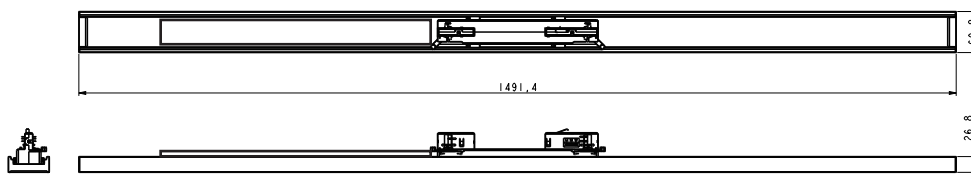
Specifications

Model	Power ^[1] (W)	Beam ^[2] angle	Ra ^[3] typ	CCT ^[4] (K)	Luminous ^[5] flux(lm)	Luminaire ^[6] efficacy(lm/w)	UGR
EVEREST SLIM LO-L1500-220V-FL	31	30°/60°/80°/100° 30°SA/2*30°	83	3000	5549	179	23
			83	4000	5952	192	23
			83	5000	5952	192	23
EVEREST SLIM LO-L1500-220V-DFL	31	30°/60°/80°/100° 30°SA/2*30°	83	3000	5487	177	23
			83	4000	5890	190	23
			83	5000	5890	190	23
EVEREST SLIM MO-L1500-220V-FL	48	30°/60°/80°/100° 30°SA/2*30°	83	3000	7968	166	25
			83	4000	8592	179	25
			83	5000	8592	179	25
EVEREST SLIM MO-L1500-220V-DFL	48	30°/60°/80°/100° 30°SA/2*30°	83	3000	7872	164	25
			83	4000	8496	177	25
			83	5000	8496	177	25
EVEREST SLIM HO-L1500-220V-FL	65	30°/60°/80°/100° 30°SA/2*30°	83	3000	10790	166	26
			83	4000	11635	179	26
			83	5000	11635	179	26
EVEREST SLIM HO-L1500-220V-DFL	65	30°/60°/80°/100° 30°SA/2*30°	83	3000	10660	164	26
			83	4000	11505	177	26
			83	5000	11505	177	26

[1]: Measurement precision for input voltage/current /power +/- 10%.
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 [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-3HFL

*x: L / M / H

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-3HFL	32	30°/60°/80°/100° 30°SA/2*30°	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-3HFL	49	30°/60°/80°/100° 30°SA/2*30°	83	3000	7742	158	690
			83	4000	8085	165	720
			83	5000	8085	165	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	
EVEREST SLIM HO-L1500-220V-3HFL	66	30°/60°/80°/100° 30°SA/2*30°	83	3000	10296	156	690
			83	4000	10758	163	720
			83	5000	10758	163	720
		Power during charging Max(W)		Rated duration(H)	Rated power during emergency(W)	Battery charging time(H)	Time to light^[7]
	69		3	4	24	< 0.25s	

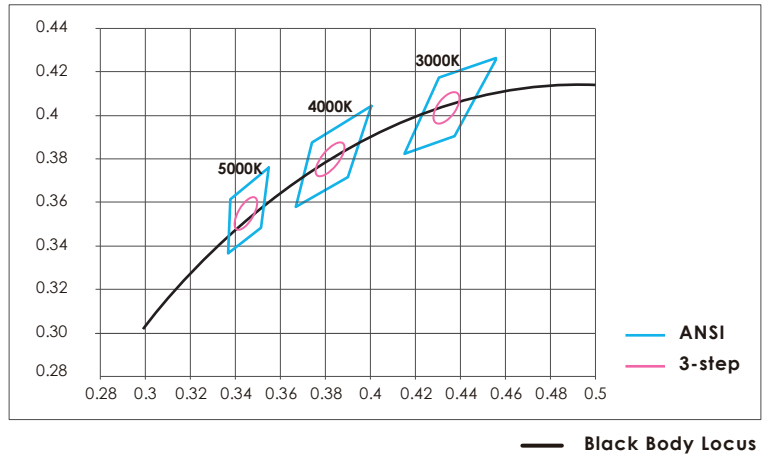
- [1]: Measurement precision for input voltage/current/power +/- 10%.
 [2]: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15%.
 [3]: Minimum Ra(TYP.) is rated value - 2.
 [4]: Comply with ANSI C78.377
 [5]: Minimum Luminous flux is 90% of rated value.
 [6]: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

Color Bin Definition

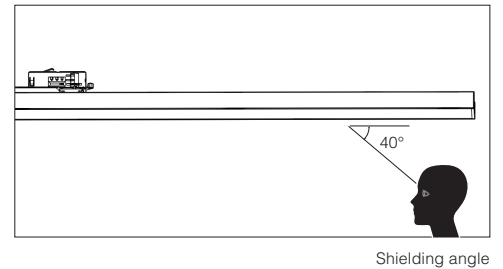
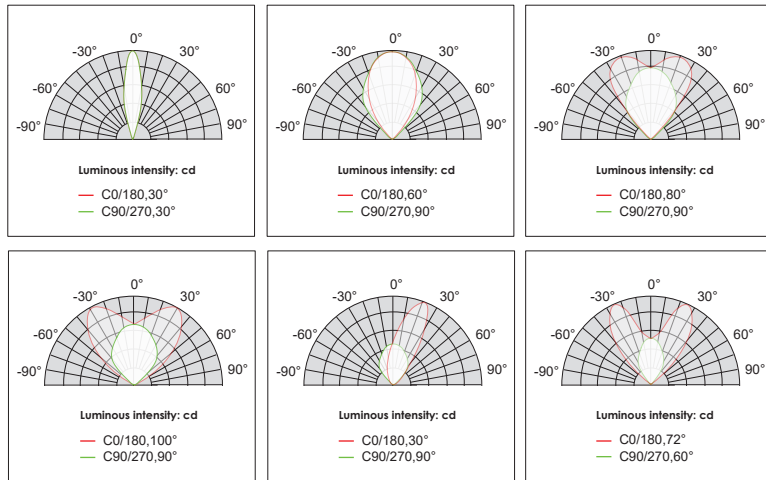
Chromaticity tolerance (initial MacAdam): 3 SDCM (3000K,4000K,5000K)
 Color coordinates (CIE_x, CIE_y): 3000K(0.4338,0.4030),4000K(0.3818,0.3797),5000K(0.3447 , 0.3553)
 Measurement precision for x ,y +/- 0.005

Standards

EN60598-1
 EN62031
 EN61347-1



Photometrics(reference)



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