

# EVEREST SLIM SERIES

## CEILING LIGHTING



pending

### Key Feature

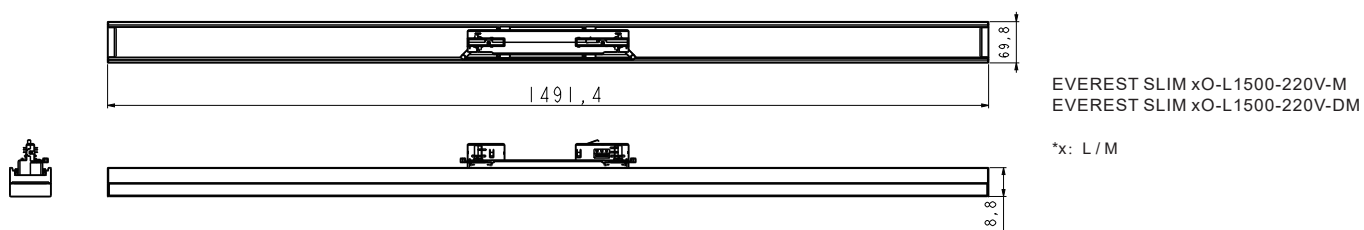
- Suitable for retrofit and new mounting with EU standard track system.
- Tool-free mechanical and electrical installation in 10 seconds.
- Efficacy up to 160lm/W
- High flexibility to the lighting tasks in the industrial and retail sectors
- Short payback period
- Available with DALI version
- Dimming range from 1-100%
- Life time: 50,000hrs (L80, B10, Ta=25°C, 12hours/Day).
- Warranty: 5 years.

### Key Specification

- Input voltage: 220-240 VAC.
- Luminaire input power: 23/35 W/m.
- Luminous Flux: 3600/5300 lm/m @840.
- Luminaire efficacy: 160/153 lm/W @840.
- Ra: 83 (typ.)
- Chromaticity tolerance (initial MacAdam): 3 SDCM
- CCT: 3000K,4000K,5000K
- Beam angle: 120°
- 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: IK05.
- Housing: Steel plate powder coating
- Optical over: Extrusion plastic.

# Standard Version

Dimensions: (mm/inches)



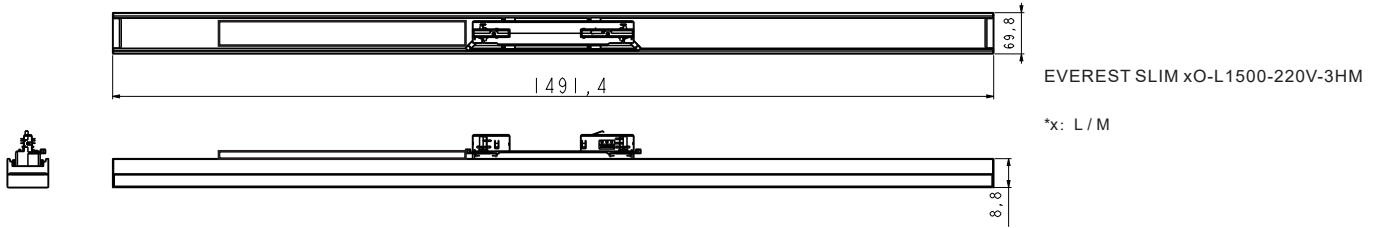
## Specifications

Model	Power <sup>[1]</sup> (W)	Beam angle <sup>[2]</sup>	Ra <sup>[3]</sup> typ	CCT <sup>[4]</sup> (K)	Luminous <sup>[5]</sup> flux(lm)	Luminaire <sup>[6]</sup> efficacy(lm/w)	UGR
EVEREST SLIM LO-L1500-220V-M	34	120°	83	3000	5168	152	25
			83	4000	5440	160	25
			83	5000	5440	160	25
EVEREST SLIM LO-L1500-220V-DM	34	120°	83	3000	5168	152	25
			83	4000	5440	160	25
			83	5000	5440	160	25
EVEREST SLIM MO-L1500-220V-M	52	120°	83	3000	7644	147	25
			83	4000	7956	153	25
			83	5000	7956	153	25
EVEREST SLIM MO-L1500-220V-DM	52	120°	83	3000	7644	147	25
			83	4000	7956	153	25
			83	5000	7956	153	25

- [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)



## Specifications

Model	Power <sup>[1]</sup> (W)	Beam <sup>[2]</sup> angle	Ra <sup>[3]</sup> typ	CCT <sup>[4]</sup> (K)	Luminous <sup>[5]</sup> flux(lm)	Luminaire <sup>[6]</sup> efficacy(lm/w)	Emergency <sup>[5]</sup> Luminous flux(lm)
EVEREST SLIM LO-L1500-220V-3HM	35	120°	83	3000	5215	149	690
			83	4000	5425	155	720
			83	5000	5425	155	720
		<b>Power during charging Max(W)</b>		<b>Rated duration(H)</b>	<b>Rated power during emergency(W)</b>	<b>Battery charging time(H)</b>	
	38		3	4	24		< 0.25s
EVEREST SLIM MO-L1500-220V-3HM	53	120°	83	3000	7632	144	690
			83	4000	7950	150	720
			83	5000	7950	150	720
		<b>Power during charging Max(W)</b>		<b>Rated duration(H)</b>	<b>Rated power during emergency(W)</b>	<b>Battery charging time(H)</b>	
	56		3	4	24		< 0.25s

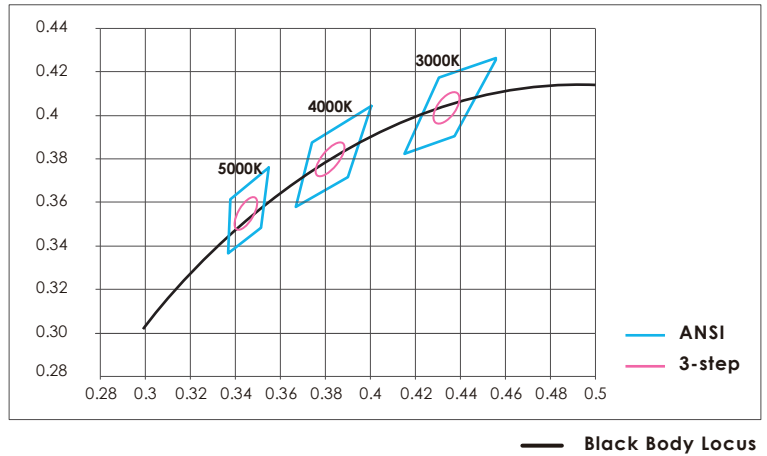
- [1]: Measurement precision for input voltage/current/power +/- 10%.  
 [2]: Beam angle ≤20°, measurement precision +/- 20%; beam angle >20°, measurement precision +/- 15%.  
 [3]: Minimum Ra(TYP.) is rated value - 2.  
 [4]: Comply with ANSI C78.377  
 [5]: Minimum Luminous flux is 90% of rated value.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

**Color Bin Definition**

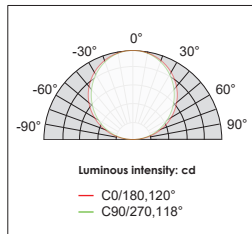
Chromaticity tolerance (initial MacAdam): 3 SDCM (3000K,4000K,5000K)  
 Color coordinates (CIEx, CIEy): 3000K(0.4338,0.4030),4000K(0.3818,0.3797),5000K(0.3447 , 0.3553)  
 Measurement precision for x ,y +/- 0.005

**Standards**

EN60598-1  
 EN62031  
 EN61347-1



**Photometrics(reference)**



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