

SUNNY T5 Hi-bay II

Datasheet



SUNNY T5 HI-BAY II is a high performance fluorescent luminaire with OSRAM ECG ballast and ALANOD aluminum sheet reflector to offer reliability and high lumen output for high bay applications. Choice of PMMA cover and metal grid versions are available for anti-impact environments.

Benefits

- OSRAM ECG ballast with high reliability
- Compact and robust design
- High quality aluminum reflector
- Full range of portfolio from 2X54W to 6X54W

Applications

- Factories
- Logistics and warehouses
- Commercial buildings and shopping centers
- Other public places with high ceilings

SUNNY T5 Hi-bay II

Technical Data

Optical Specifications

	2 × 54W	4 × 54W	6 × 54W
Lamps	T5 54W with G5 lamp base (not included)		
Luminous Flux	6900 lm	12,000 lm	16,500 lm
LOR	78%	70%	62%
Beam Angle	100°	90°	80°

Electrical and Mechanical Specifications

Input Voltage	220-240V AC, 50/60Hz			
Power Consumption	108W	216W	324W	
Power Factor	0.98			
ECG (OSRAM)	QT-FIT 5/8 1X54-58, QT-FIT 5/8 2X54-58			
EOLL Protection	Yes			
Dimensions (L × W × H)	Bare	1180mm × 254mm × 87mm		
	Grid	1182mm × 255mm × 88mm		
	PMMA			
Weight	Bare	2.93 kg	2.97 kg	3.24 kg
	Grid	4.80 kg	4.84 kg	5.11 kg
	PMMA	4.23 kg	4.27 kg	4.54 kg
Cover Lens	Alanod 320G reflector			
Housing	SPCC metal sheet, white RAL 9003			

System Specifications

Power	AC line
Dimmable	ON/OFF
Installation	Surface and suspended mounting
Operating Temperature	-15°C to +40°C
Storage Temperature	-20°C to +60°C
Environment	Indoor (IP20)
Safety Approval	Electrical Protection Class I, CCC

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

11/16 V1.1 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

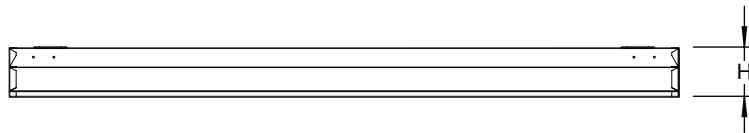
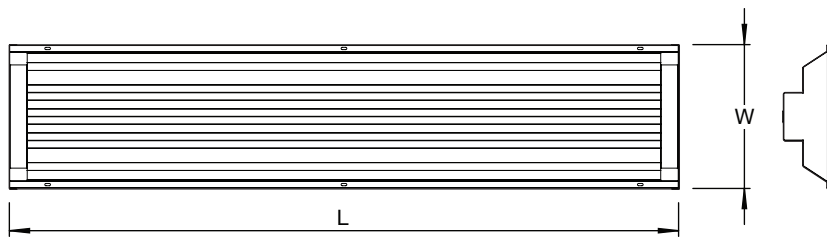
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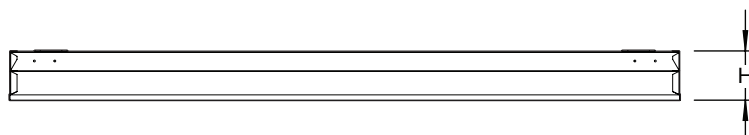
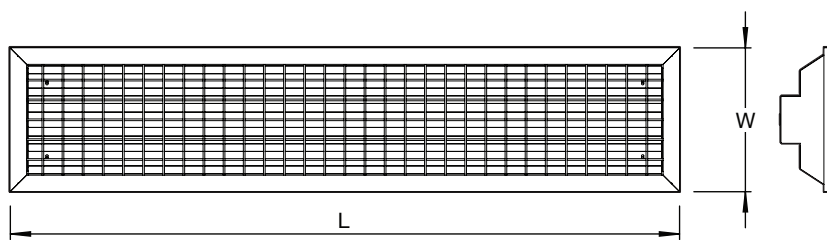
SUNNY T5 Hi-bay II

Dimensions

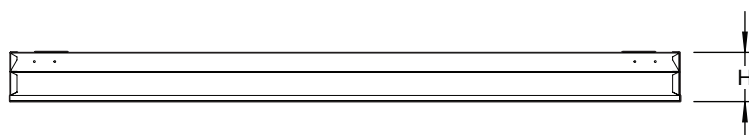
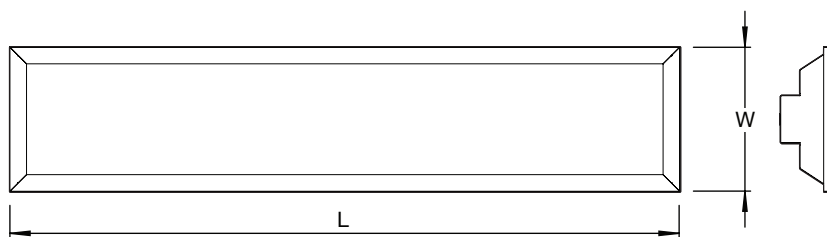
Bare



Grid



PMMA



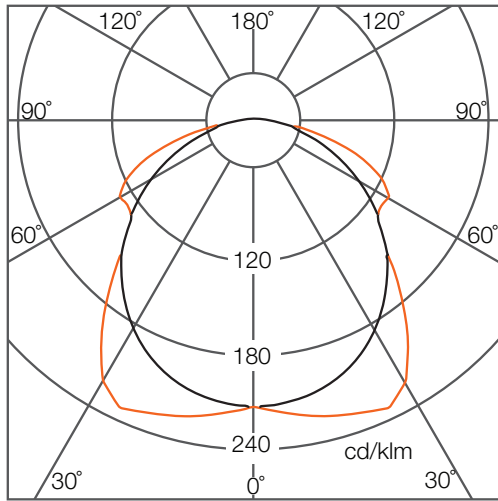
Dimensions

	Bare	Grid	PMMA
L	1180mm	1182mm	1182mm
W	254mm	255mm	255mm
H	87mm	88mm	88mm

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Photometrics

Light Distribution Curve



Illuminance at a distance

	Center Beam Lux/klm	Beam Width	
		V	H
2m	64	5.39m	5.53m
4m	16	10.77m	11.05m
6m	7	16.16m	16.58m
8m	4	21.54m	22.10m
10m	3	26.93m	27.63m

- Vert. Spread: 106.8°
 - Horiz. Spread: 108.2°
- For feet multiply by 3.28
For fc divide by 10.7

Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

Ordering Codes

Fixture (ECG included, lamps not included)

Short Text	Power	Type	Material	EAN40	Quantity
SUNNY T5 HI-BAY II 2X54 HF UNP VS2 OSRAM	108W	Bare	AM019530055	4052899470637	2
SUNNY T5 HI-BAY II 2X54G HF UNP VS2 OSRAM	108W	Grid	AM019540055	4052899470644	2
SUNNY T5 HI-BAY II 2X54P HF UNP VS2 OSRAM	108W	PMMA	AM019550055	4052899470668	2
SUNNY T5 HI-BAY II 4X54 HF UNP VS2 OSRAM	216W	Bare	AM019560055	4052899470675	2
SUNNY T5 HI-BAY II 4X54G HF UNP VS2 OSRAM	216W	Grid	AM019570055	4052899470682	2
SUNNY T5 HI-BAY II 4X54P HF UNP VS2 OSRAM	216W	PMMA	AM019580055	4052899470699	2
SUNNY T5 HI-BAY II 6X54 HF UNP VS2 OSRAM	324W	Bare	AM019590055	4052899470705	2
SUNNY T5 HI-BAY II 6X54G HF UNP VS2 OSRAM	324W	Grid	AM019600055	4052899470712	2
SUNNY T5 HI-BAY II 6X54P HF UNP VS2 OSRAM	324W	PMMA	AM019610055	4052899470729	2