



**T-1 LIGHTING**

Project	Catalog #
Distributor	Type
Prepared by	Date

# IGNITE

## 45° OPTICS LED HIGH BAY LIGHT

### T1-IHBLED-AI

The **T1-IHBLED Optics AI** series is part of the Ignite family of High Bay lighting that uses an optic lens to direct light at a 45° angle and is ideal for any industrial, commercial, or high ceiling retail facility. Highly efficient and meets DLC premium standards, it is available in 2 and 4 feet models in a variety of power options, and can be customized with motion sensors, battery pack, step-down, and other accessories.



**SPECS**

Model Number	Input Power	Color Temp	Input Voltage	Lumens	Efficacy	Temp	CRI
T1-IHBLED2/U/201-40-AI	201	40	Standard 120-277V  High Voltage 480V Optional	30351	153	-40°C ~ +40°C -40°F ~ +104°F	>80
T1-IHBLED2/U/201-50-AI		50		30753	153		
T1-IHBLED4/U/281-40-AI	281	40		43274	154		
T1-IHBLED4/U/281-50-AI		50		44398	158		
T1-IHBLED4/U/321-40-AI	321	40		48792	152		
T1-IHBLED4/U/321-50-AI		50		49755	155		
T1-IHBLED4/U/481-40-AI	481	40		74074	154		
T1-IHBLED4/U/481-50-AI		50		75998	158		

WARRANTY: SEVEN YEAR PARTS AND FIVE YEAR LABOR



SERIES	FORM	WATTAGE	COLOR TEMP.	LENS	SENSOR	BATTERY BACKUP	ACCESSORIES	STEP-DOWN
T1-IHBLED	2	/U/ 201	50	AI	MS	EM	AC	SD
T1-IHBLED	2 2ft. 4 4ft.	201 201W 281 281W 321 321W 481 481W	40 4000K 50 5000K	AI 45°	[Blank] MS None Motion Sensor	[Blank] EM None Emergency Battery Backup	[Blank] WG None Wire Guard Aircraft Cables AC PK Pendant Mount Kit	[Blank] SD 120-277 480V

**ORDERING  
OPTIONS**

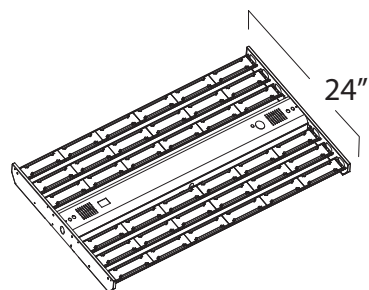
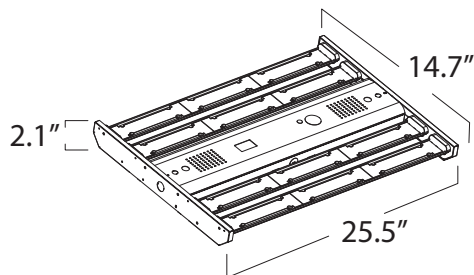
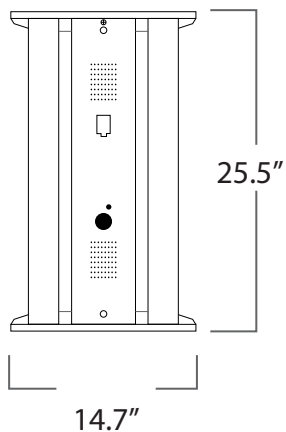


T-1 LIGHTING

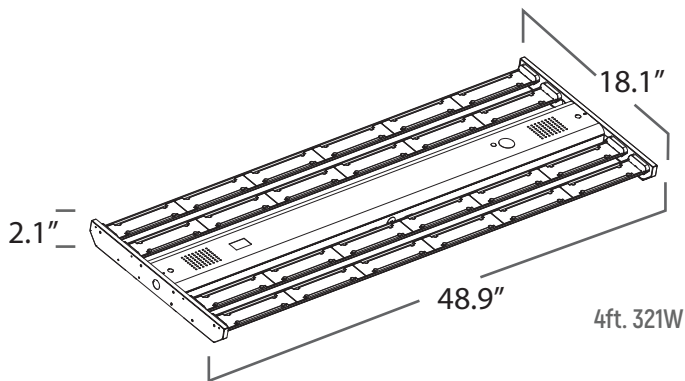
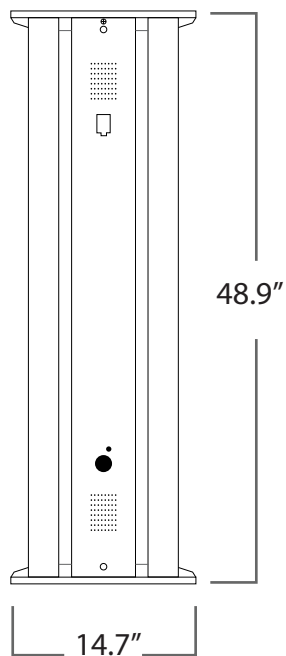
**IGNITE**  
45° OPTICS  
LED HIGH BAY LIGHT  
T1-IHBLED-AI

DIMENSIONS

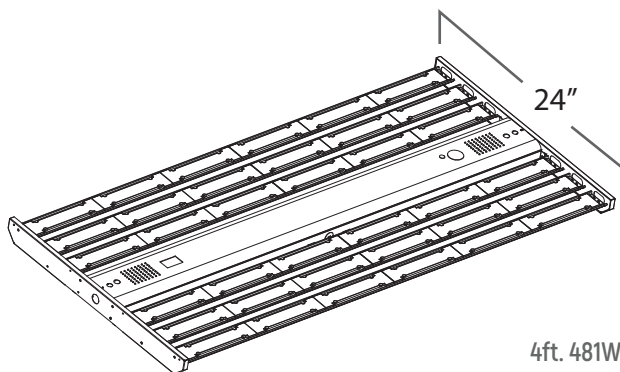
2ft. 201W



4ft. 281W



4ft. 321W



4ft. 481W



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T1-IHBLD-AI

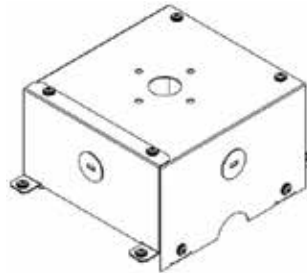
ACCESSORIES



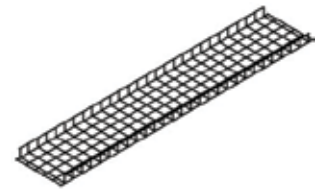
V-Hook and Chain  
(Included)



Aircraft Cable



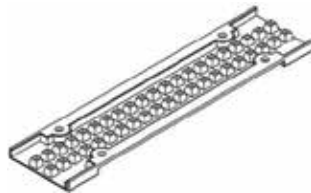
Perdent Mount Kit



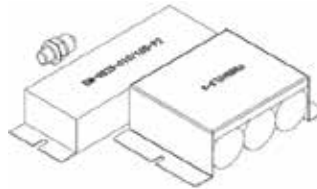
Wire Guard



Lens / Cover



Optics



Backup Battery Pack

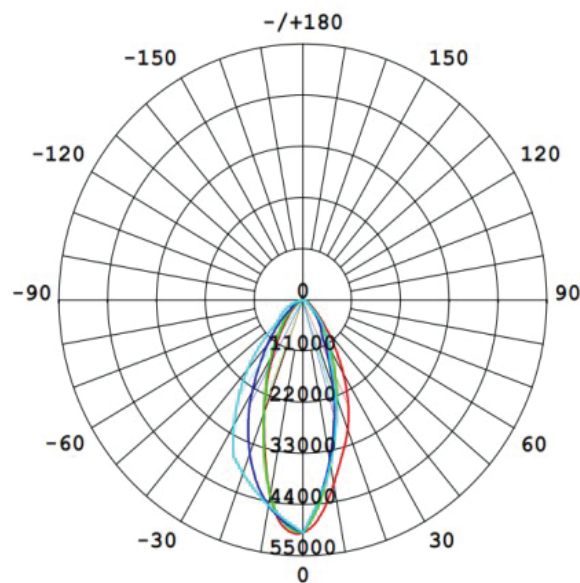


Motion Sensor  
(Internal/External)

**PHOTOMETRIC DATA 201W**

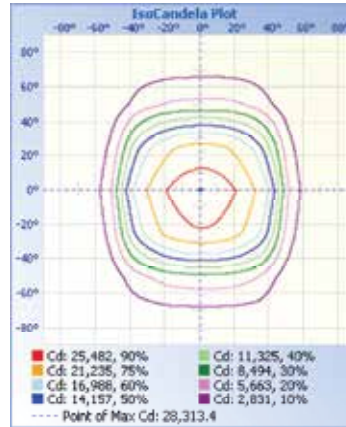
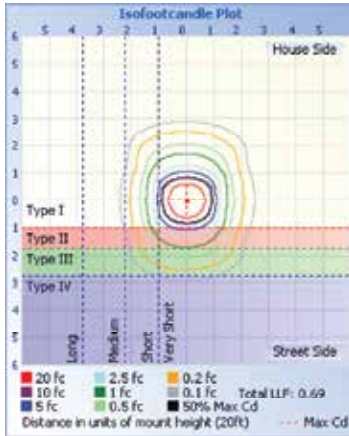
Application:  
Aisle or rack at low to high  
mounting heights.

Beam Distribution:  
45°



PHOTOMETRIC DATA

### PHOTOMETRIC DATA 281W

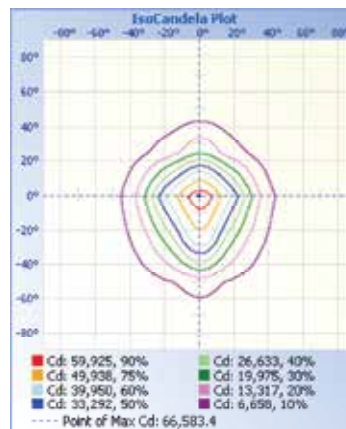
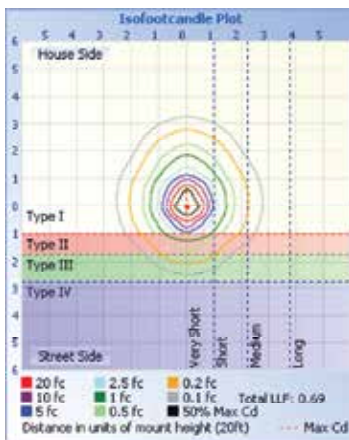


**Illuminance at a Distance**

Center Beam fc	Beam Width
17.0ft	98.0 fc 28.0 ft 31.5 ft
34.0ft	24.5 fc 55.9 ft 62.9 ft
51.0ft	16.9 fc 83.9 ft 94.4 ft
68.0ft	6.12 fc 111.9 ft 125.9 ft
85.0ft	3.92 fc 139.8 ft 157.4 ft
102.0ft	2.72 fc 167.8 ft 188.0 ft

Vert. Spread: 78.9°  
Horiz. Spread: 85.6°

### PHOTOMETRIC DATA 321W

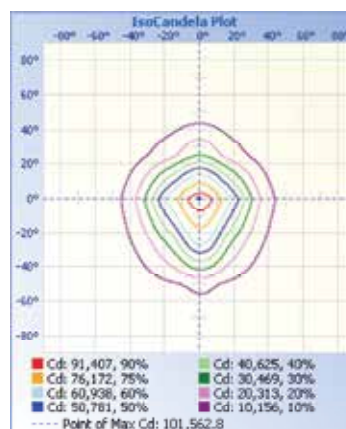
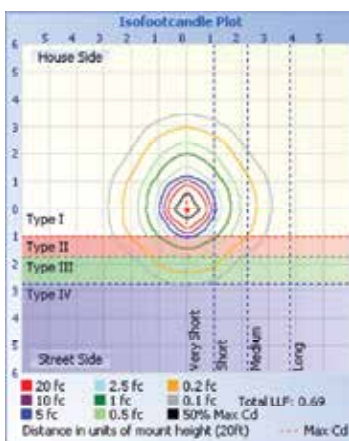


**Illuminance at a Distance**

Center Beam fc	Beam Width
17.0ft	230 fc 16.1 ft 14.4 ft
34.0ft	57.6 fc 32.2 ft 28.9 ft
51.0ft	25.6 fc 48.3 ft 43.3 ft
68.0ft	14.4 fc 64.4 ft 57.8 ft
85.0ft	9.22 fc 80.6 ft 72.2 ft
102.0ft	6.40 fc 96.7 ft 86.6 ft

Vert. Spread: 50.7°  
Horiz. Spread: 46.0°

### PHOTOMETRIC DATA 481W



**Illuminance at a Distance**

Center Beam fc	Beam Width
17.0ft	351 fc 15.6 ft 14.6 ft
34.0ft	87.9 fc 31.2 ft 29.2 ft
51.0ft	39.0 fc 46.8 ft 43.8 ft
68.0ft	22.0 fc 62.4 ft 58.4 ft
85.0ft	14.1 fc 78.1 ft 73.0 ft
102.0ft	9.76 fc 93.7 ft 87.6 ft

Vert. Spread: 49.3°  
Horiz. Spread: 46.5°