

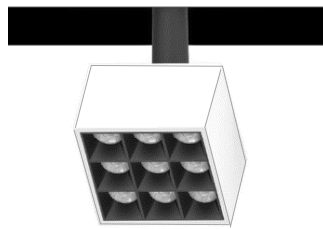
# Product Specification

## LED Square Spot Light

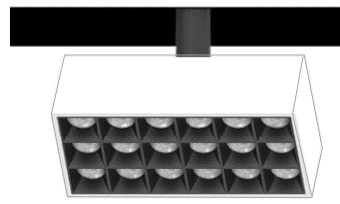
**HTE9251A**

**HTE9261A**

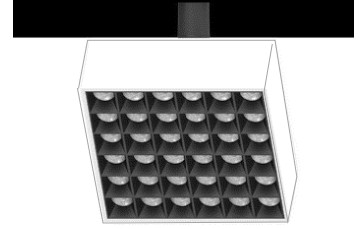
**HTE9271A**



HTE9251A



HTE9261A



HTE9271A

### NOTES:

1. This specification is for our regular product specifications.
2. The right of final interpretation of this specification is reserved by International Building Supply Corporation.

### 1. Description

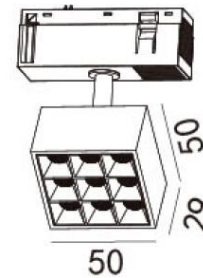
- ◆ LED Square Spot Lights
- ◆ Application: perfect for interior settings in commercial and residential usage (e.g., office, retail store, restaurant, home, schools, etc.)

### 2. Characteristics

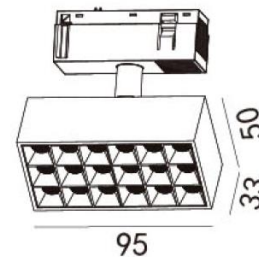
- ◆ Multiple certification: ETL/CE/ROHS
- ◆ Waterproof rating of IP20
- ◆ Smart light control with Bluetooth device
- ◆ 48V electrical system
- ◆ Dimming is available (0-10V)
- ◆ Clean and minimalist design with Aluminum
- ◆ Multiple color options to suit the environment for the best result
- ◆ High power factor: > 0.95
- ◆ Environmental-friendly & Energy-saving
- ◆ 5-years warranty

### Product Image

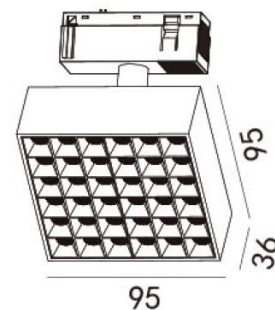
### Dimensions



HTE9251A

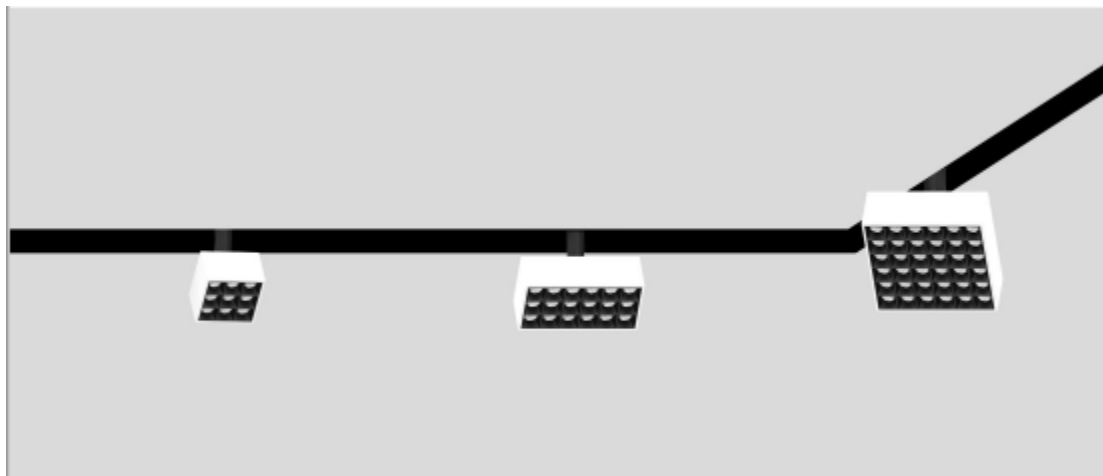


HTE9261A



HTE9271A

## 3. Application



## 4. Technical Parameters

Code	HTE9251A	HTE9261A	HTE9271A
Power(W)	7.2W	14W	25W
Input Current	DC48V 350MA	DC48V 700MA	
Lumen Output	1257-1150lm	1752-1854lm	3504-3708lm
CCT(K)	2700K/3000K/4000K/5000K		
Dimming	0-10V		
Bluetooth Control	✓		
Lamp Holder Model	Ceramic PCB		
Light Source Brand/Code	CREE JK3030		
Beam Angle	30°		
Wire Connection Way	Track Adaptor		
Housing Color	PW02, PB02, FS01		
Material	Aluminum		
Waterproof Rating	IP20		
Class	□I □II ■III		
Certification	ETL/CE/ROHS		
Warranty	5 Years		
Product Size(mm)	75*50*84	95*50*90	95*95*95

## 5. Photometric Data

### HTE9251A

Color Temperature 3000K, 7.2W

## Luminaire Property

Luminaire Category: LED TRACK LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: CREE 3030\_3000K  
Lumens per Lamp: 132  
Luminous Width (mm): 45  
Voltage: 48.0 V  
Power: 10.20 W

Luminaire Description: HTE-9251A  
Lamp Catalog: LED  
Number of Lamps: 9  
Luminous Length (mm): 45  
Luminous Height (mm): 15  
Current: 0.213 A  
Power Factor: 1.000

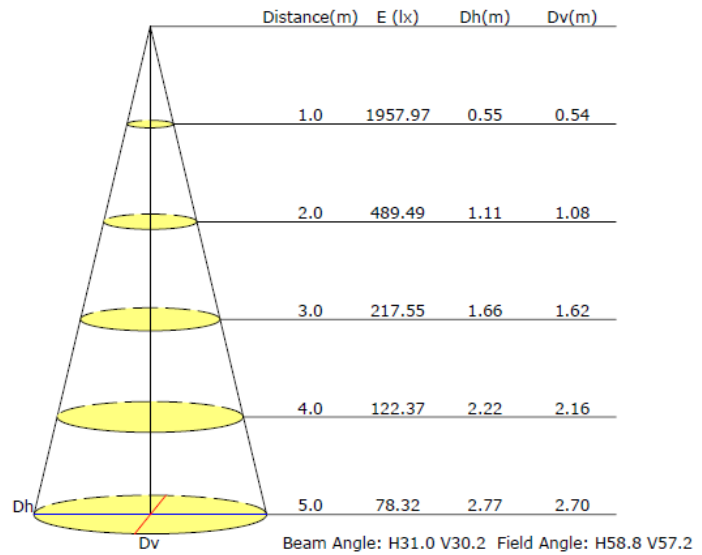
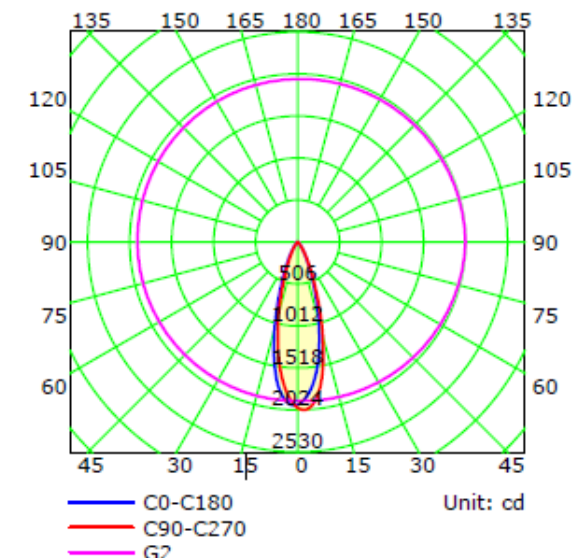
## Photometric Results

CIE Class: Direct  
Measurement Flux: 677.8 lm  
Downward Ratio: 57.05%  
Luminaire Efficacy Rating (LER): 66  
Max. Intensity: 2022.84 cd

Total Rated Lamp Lumens: 1188.0 lm  
Efficiency: 57.05%  
Upward Ratio: 0.00%  
Central Intensity: 1957.97 cd  
Pos of Max. Intensity: H90 V2

### Illuminance at a Distance

Luminous Intensity Distribution Curve



## HTE9261A

Color Temperature 3000K, 14W

## Luminaire Property

Luminaire Category: LED TRACK LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: CREE 3030\_3000K  
Lumens per Lamp: 97.3  
Luminous Width (mm): 45  
Voltage: 48.2 V  
Power: 12.80 W

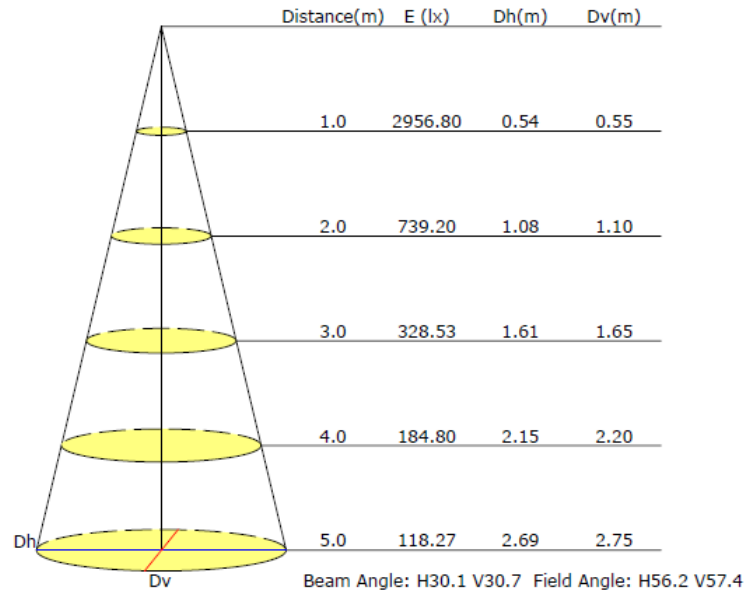
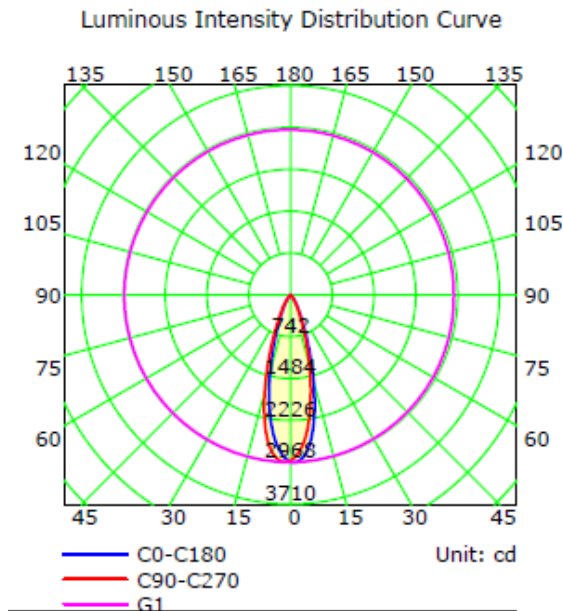
Luminaire Description: HTE-9261A  
Lamp Catalog: LED  
Number of Lamps: 18  
Luminous Length (mm): 90  
Luminous Height (mm): 15  
Current: 0.265 A  
Power Factor: 1.000

## Photometric Results

CIE Class: Direct  
Measurement Flux: 989.9 lm  
Downward Ratio: 56.52%  
Luminaire Efficacy Rating (LER): 77  
Max. Intensity: 2968.94 cd

Total Rated Lamp Lumens: 1751.4 lm  
Efficiency: 56.52%  
Upward Ratio: 0.00%  
Central Intensity: 2956.8 cd  
Pos of Max. Intensity: H0 V1

### Illuminance at a Distance



## HTE9271A

Color Temperature 3000K, 25W

## Luminaire Property

Luminaire Category: LED TRACK LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: CREE 3030\_3000K  
Lumens per Lamp: 97  
Luminous Width (mm): 45  
Voltage: 48.1 V  
Power: 26.30 W

Luminaire Description: HTE-9271A  
Lamp Catalog: LED  
Number of Lamps: 36  
Luminous Length (mm): 90  
Luminous Height (mm): 15  
Current: 0.547 A  
Power Factor: 1.000

## Photometric Results

CIE Class: Direct  
Measurement Flux: 2060.3 lm  
Downward Ratio: 59.00%  
Luminaire Efficacy Rating (LER): 78  
Max. Intensity: 5978.71 cd

Total Rated Lamp Lumens: 3492.0 lm  
Efficiency: 59.00%  
Upward Ratio: 0.00%  
Central Intensity: 5952.19 cd  
Pos of Max. Intensity: H180 V2

### Illuminance at a Distance

Luminous Intensity Distribution Curve

