

# Product Specification

## LED Flood Light

**LBE9473A**

**LBE9474A**

**LBE9475A**

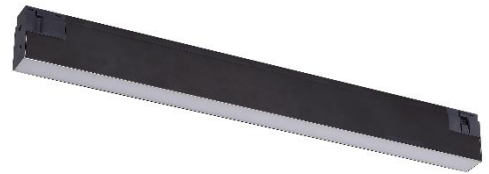
**LBE9476A**



Product Image



LBE9473A



LBE9474A



LBE9475A



LBE9476A

### 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.

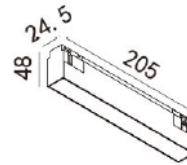
## 1. Description

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

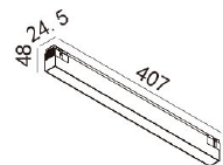
## 2. Characteristics

- ◆ Multiple certification: ETL/CE/RoHS
- ◆ Waterproof rating of IP20
- ◆ 48V electrical system
- ◆ On/Off only
- ◆ Max 240W, 20 meters (78 inches) in length in one circuit
- ◆ 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 (LBE9473A)
- ◆ High power factor: > 0.95
- ◆ Environmental-friendly & Energy-saving
- ◆ 5-years warranty

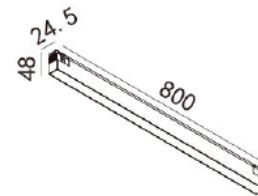
Dimensions



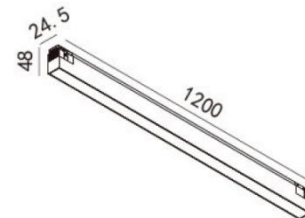
LBE9473A



LBE9474A



LBE9475A



LBE9476A

## 3. Application



## 4. Technical Parameters

Code	LBE9473A	LBE9474A	LBE9475A	LBE9476A
Power(W)	6W	11W	18W	32W
Input Current	DC48 350MA		DC48 500MA	DC48 900MA
Lumen Output	688-738lm	1326-1370lm	2304-2373lm	4096-4218lm
CCT(K)	2700K/3000K/4000K/5000K			
Dimming	0-10V			
Bluetooth Control	✓			
Lamp Holder Model	Aluminum PCB			
Light Source Brand/Code	Bridgelux 2835			
Beam Angle	110°			
Wire Connection Method	Track Adaptor			
Housing Color	PW02, PB02, FS01	FB03		
Material	Aluminum			
Waterproof Rating	IP20			
Class	□I    □II    ■III			
Certification	ETL/CE/RoHS			
Warranty	5 Years			
Product Size (mm)	205*24.5*48	407*24.5*48	800*24.5*48	1200*24.5*48

## 5. Photometric Data

### LBE9473A

Color Temperature 3000K, 6W

## Luminaire Property

Luminaire Category: LED RECESSED LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: Bridgelux 2835  
Lumens per Lamp: 22.96  
Luminous Width (mm): 22  
Voltage: 48.0 V  
Power: 5.76 W

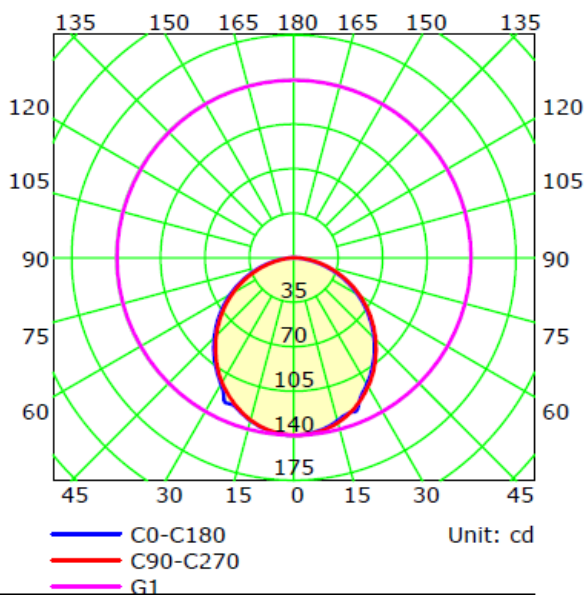
Luminaire Description: LBE-9473A  
Lamp Catalog: LED  
Number of Lamps: 30  
Luminous Length (mm): 204  
Luminous Height (mm): 20  
Current: 0.120 A  
Power Factor: 1.000

## Photometric Results

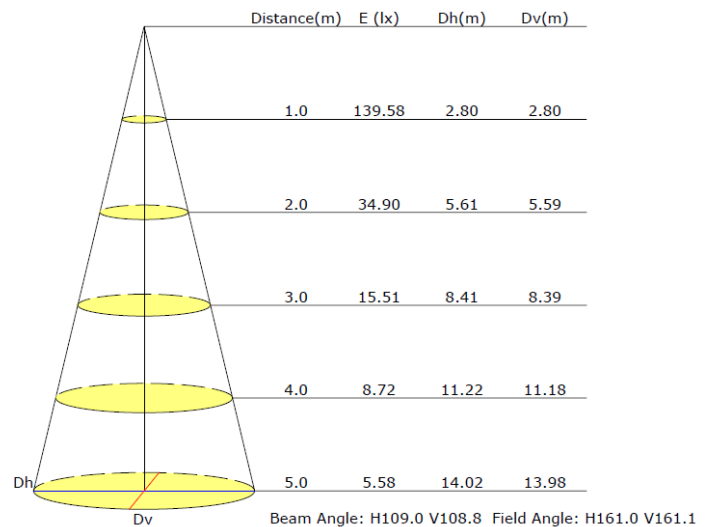
CIE Class: Direct  
Measurement Flux: 384.5 lm  
Downward Ratio: 55.82%  
Luminaire Efficacy Rating (LER): 67  
Max. Intensity: 139.7 cd

Total Rated Lamp Lumens: 688.8 lm  
Efficiency: 55.82%  
Upward Ratio: 0.00%  
Central Intensity: 139.58 cd  
Pos of Max. Intensity: H30 V1

Luminous Intensity Distribution Curve



Illuminance at a Distance



## LBE9474A

Color Temperature 3000K, 11W

## Luminaire Property

Luminaire Category: LED RECESSED LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: Bridgelux 2835  
Lumens per Lamp: 22.115  
Luminous Width (mm): 18  
Voltage: 48.0 V  
Power: 11.04 W

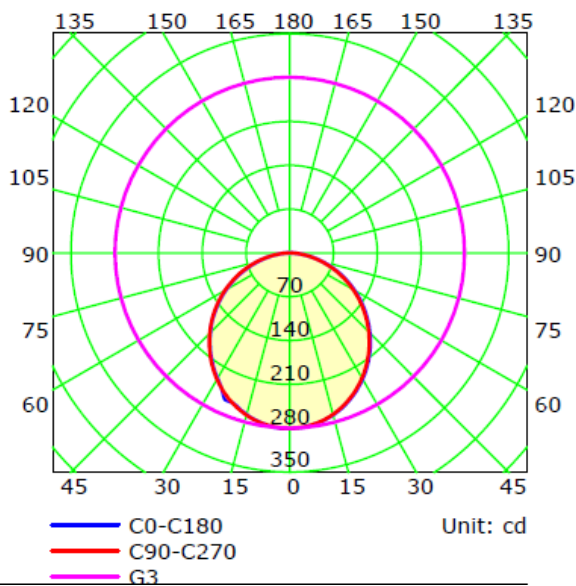
Luminaire Description: LBE-9474A  
Lamp Catalog: LED  
Number of Lamps: 60  
Luminous Length (mm): 450  
Luminous Height (mm): 19  
Current: 0.230 A  
Power Factor: 1.000

## Photometric Results

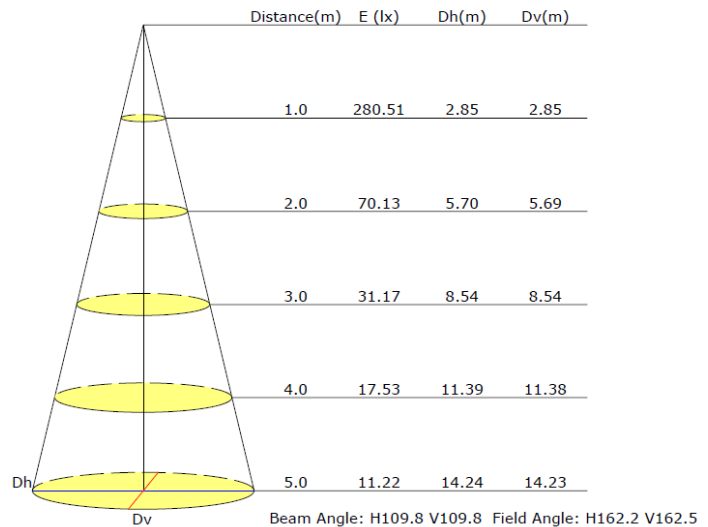
CIE Class: Direct  
Measurement Flux: 783.4 lm  
Downward Ratio: 59.04%  
Luminaire Efficacy Rating (LER): 71  
Max. Intensity: 280.71 cd

Total Rated Lamp Lumens: 1326.9 lm  
Efficiency: 59.04%  
Upward Ratio: 0.00%  
Central Intensity: 280.51 cd  
Pos of Max. Intensity: H180 V3

Luminous Intensity Distribution Curve



Illuminance at a Distance



## LBE9475A

Color Temperature 3000K, 18W

## Luminaire Property

Luminaire Category: LED RECESSED LIGHT  
Luminaire Manufacturer: IBS  
Lamp Description: Bridgelux 2835  
Lumens per Lamp: 24  
Luminous Width (mm): 22  
Voltage: 48.0 V  
Power: 18.8 W

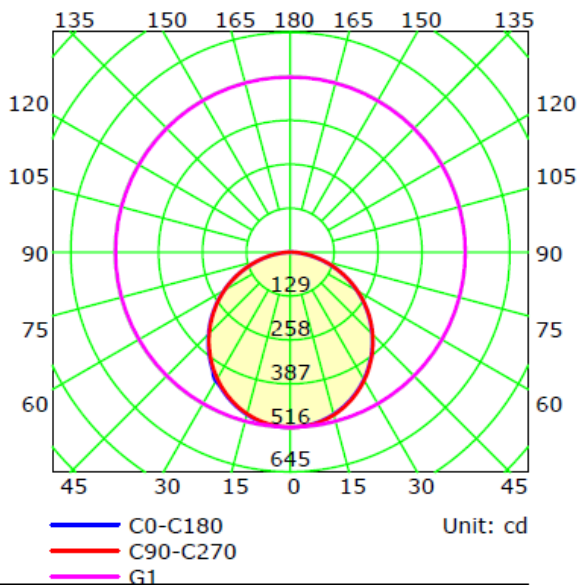
Luminaire Description: LBE-9475A  
Lamp Catalog: LED  
Number of Lamps: 96  
Luminous Length (mm): 800  
Luminous Height (mm): 20  
Current: 0.392 A  
Power Factor: 1.000

## Photometric Results

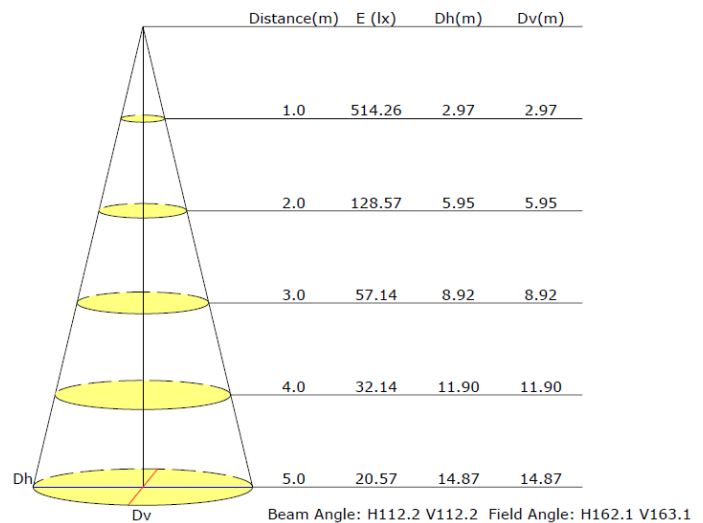
CIE Class: Direct  
Measurement Flux: 1470.4 lm  
Downward Ratio: 63.82%  
Luminaire Efficacy Rating (LER): 78  
Max. Intensity: 514.45 cd

Total Rated Lamp Lumens: 2304.0 lm  
Efficiency: 63.82%  
Upward Ratio: 0.00%  
Central Intensity: 514.26 cd  
Pos of Max. Intensity: H180 V1

Luminous Intensity Distribution Curve



Illuminance at a Distance



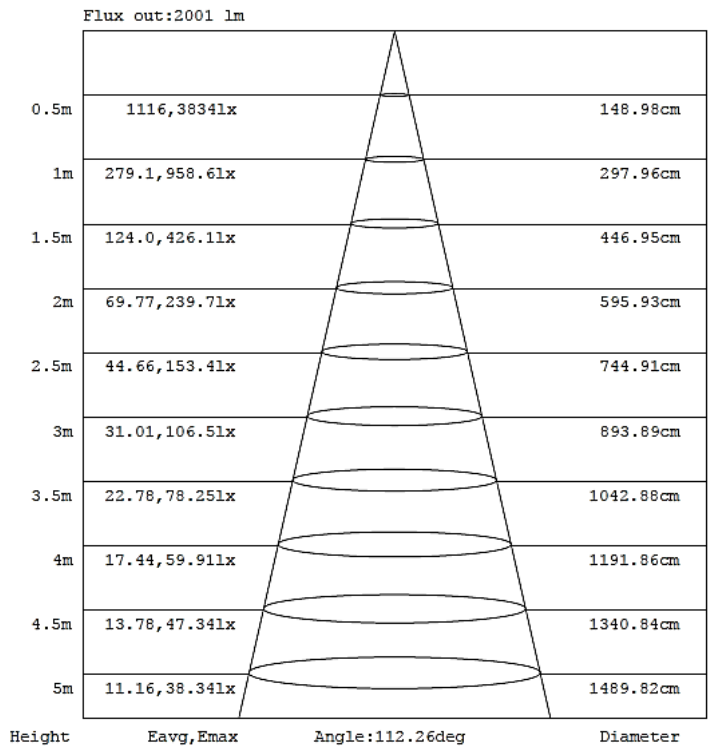
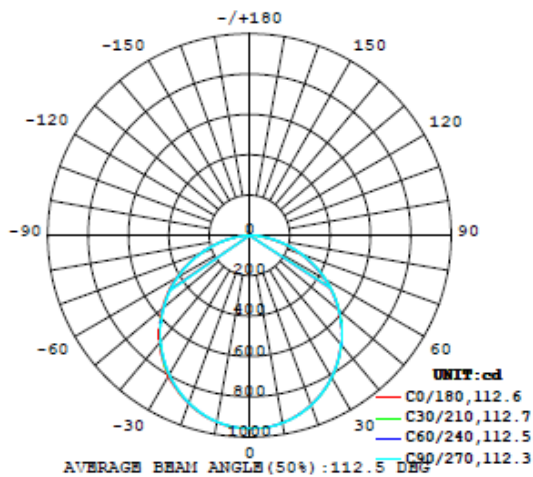
# Product Specification

**LBE9476A**

Color Temperature 3000K, 32W

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.82 lm/W			
MODEL	Bridgelux 2835	Imax(cd)	958.7	S/MH(C0/180)	1.25
NOMINAL POWER(W)	32	LOR(%)	63.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	2739.1	$\eta$ UP,DN(C0-180)	0.0,32.0
NOMINAL FLUX(lm)	4349	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,31.0
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	48	$\eta$ down(%)	63.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.