

LED Recessed Light (Adjustable)

LBE9120AU

LBE9121AU



Product Image



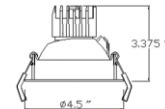
NOTES:

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

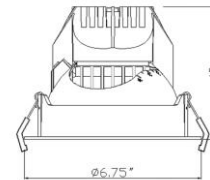
Dimensions



LBE9120AU

2. Characteristics

- ◆ Multiple certification: ETL/CE/RoHS
- ◆ Waterproof rating of IP20
- ◆ Dimming is available (0-10V)
- ◆ Clean and minimalist design with Aluminum
- ◆ CREE COB LED Chip
- ◆ Glare control/reflector to minimize visual glare
- ◆ Environmental-friendly & Energy-saving
- ◆ 5-years warranty



LBE9121AU

3. Application

- Offices
- Retail stores
- Restaurant
- Schools

4. Technical Parameters

Code	LBE 9120AU	LBE 9121AU
Power(W)	15W	20W
Input Current	DC 350mA	DC 500mA
Lumen Output	1325-1425lm	1949-2087lm
CCT(K)	2700K to 5000K	
Dimming	0-10V	
Lamp Holder Model	Ceramic PCB	
Light Source Brand/Code	CREE CXA1512	CREE CXB1512
CRI	80	
Wire Connection Method	24# LED red black wire	
Housing Color	PS01, PB02, PW02	
Material	Aluminum	
Waterproof Rating	IP20	
Class	□I □II ■III	
Certification	ETL/CE/RoHS	
Warranty	5 Years	
Product Size (inches)	4.5ø*3.378	6.75ø*5

5. Photometric Data

LBE9120AU

Color Temperature 3000K, 15W

Luminaire Property

Luminaire Category: LED RECESSED LIGHT
 Luminaire Manufacturer: IBS
 Lamp Description: CXA1512-3000K-M2
 Lumens per Lamp: 1306
 Luminous Width (mm): -92
 Voltage: 35.8 V
 Power: 12.20 W

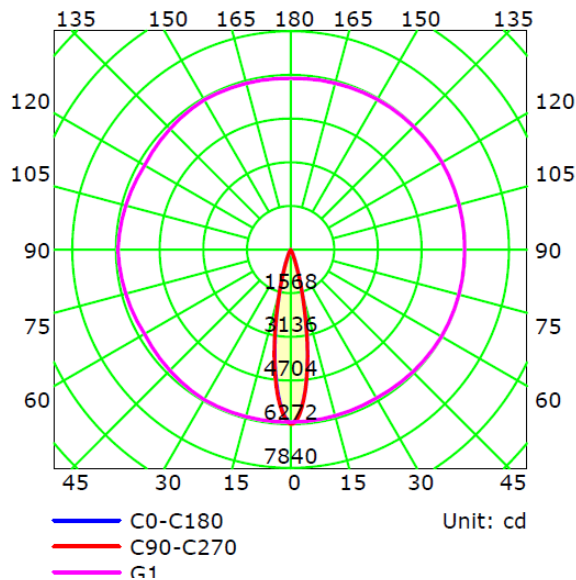
Luminaire Description: LBE-9120A
 Lamp Catalog: LED
 Number of Lamps: 1
 Luminous Length (mm): -92
 Luminous Height (mm): 75
 Current: 0.342 A
 Power Factor: 1.000

Photometric Results

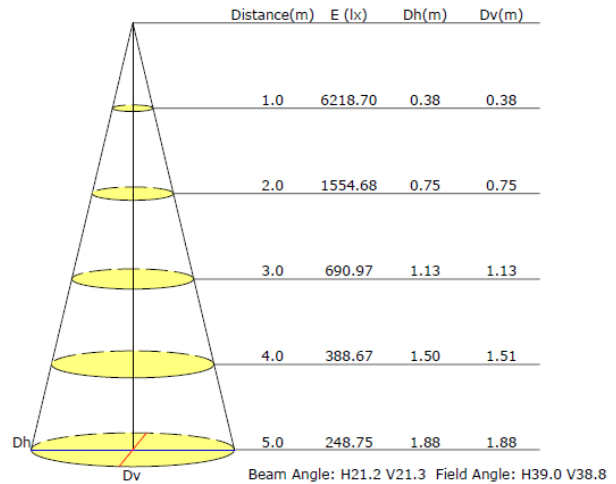
CIE Class: Direct
 Measurement Flux: 1015.6 lm
 Downward Ratio: 77.76%
 Luminaire Efficacy Rating (LER): 83
 Max. Intensity: 6273.21 cd

Total Rated Lamp Lumens: 1306.0lm
 Efficiency: 77.76%
 Upward Ratio: 0.00%
 Central Intensity: 6218.7 cd
 Pos of Max. Intensity: H120 V1

Luminous Intensity Distribution Curve



Illuminance at a Distance



LBE9121AU

Color Temperature 3000K, 20W

Luminaire Property

Luminaire Category: LED RECESSED LIGHT
 Luminaire Manufacturer: IBS
 Lamp Description: CXB1512-3000K-N2
 Lumens per Lamp: 2082
 Luminous Width (mm): -137.5
 Voltage: 36.8 V
 Power: 18.10W

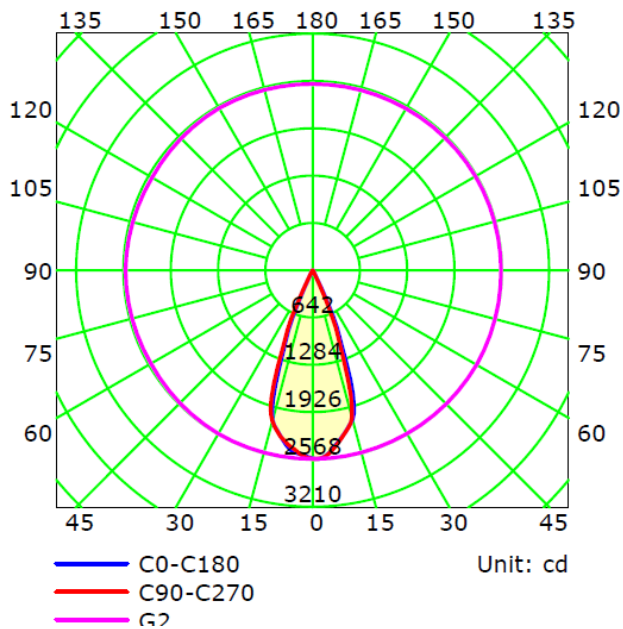
Luminaire Description: LBE-9121AU
 Lamp Catalog: LED
 Number of Lamps: 1
 Luminous Length (mm): -137.5
 Luminous Height (mm): 76.5
 Current: 0.492 A
 Power Factor: 1.000

Photometric Results

CIE Class: Direct
 Measurement Flux: 1015.7 lm
 Downward Ratio: 48.78%
 Luminaire Efficacy Rating (LER): 56
 Max. Intensity: 2568.52 cd

Total Rated Lamp Lumens: 2082.0lm
 Efficiency: 48.78%
 Upward Ratio: 0.00%
 Central Intensity: 2553.08cd
 Pos of Ma x. Intensity: H60 V2

Luminous Intensity Distribution Curve



Illuminance at a Distance

