i-LUMINOSITY
LED LIGHTING FIXTURES

LED Harman Shoebox Fixture:

Description:

Our high-power, LED Harman Shoebox Fixture is energy efficient with a high lumen output and a CRI >90. Featuring a die cast aluminum housing it is available in 4000K or 5000K CCT, with a 0-10V dimming option. An IP66 rated fixture, perfect for the outdoors.

Features:

- Mounting options: Slipfitter, Trunnion, or Surface mounted.
- Easy installation
- 0-10V dimmable option.
- Lighting control options available.
- AC 100-277V or 347V/ 480V.
- L70 Lifetime: >50,000 hours
- CRI >90
- Available color options: 4000K or 5000K
- IP Rating: IP66 - Wet locations.
- Operating temperature: -5°F ~ 122°F
- Finish option: Bronze, Black, White, or Silver.
- 7 Year Warranty.
- Optical Systems: Type II, Type III, Type IV, Type V

Applications:

- Outdoor courts
- Parking lots
- Parking garages
- Playgrounds
- Parks
- Road lamp

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Date:
Project:
Price:

Ordering Key:

ILSBHSWD

SERIES NUMBER	WATTS/ LUMENS	CCT	FINISH	OPTICAL SYSTEM	ADDITONAL OPTIONS
ILSBHSWD	**60W** - 8,700	**4** - 4000K	**BR** - BRONZE	**II** - TYPE II	**DM** - 0-10V DIMMING
	100W - 13,000	**5** - 5000K	**W** - WHITE	**III** - TYPE III	**TM** - TRUNNION MOUNT
			BL - BLACK	**IV** - TYPE IV	**SM** - SLIPFITTER MOUNT
			S - SILVER	**V** - TYPE V	**RP** - ROUND POLE MOUNT
					SP - SQUARE POLE MOUNT
					PH - PHOTOCELL
					MS - MOTION SENSOR

SAMPLE ITEM NUMBER: ILSBHSWD 100W 4 BR II SM

Electrical Data:

- **Input power:** Stays consistent over life
- **Input Voltage:** 100-277V or 347V/ 480V.
- **Operating Temperature:** -5°F ~ 122°F
- **CRI:** >90
- **L$_{70}$ Lifetime:** >50,000 hours

Controls:

- This LED fixture is equipped with a 0-10V dimming driver that works universally with any standard 0-10V control or dimmer.

Optical System:

- A unique combination of reflective & refractive optical components achieves a uniform, comfortable look while eliminating pixelation & color fringing.
- Parts work in unison to optimize light distribution, balancing the high delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces, increasing perception of spaciousness.
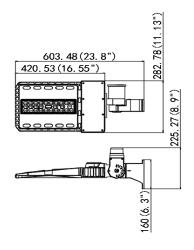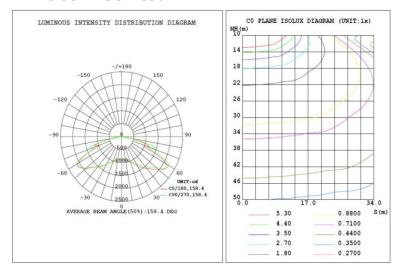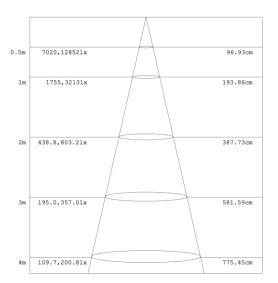
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Dimensions:

603.48 (23.8")
420.53 (16.55")
282.78 (11.13")
225.27 (8.9")
160 (6.3")

Net weight: 9.9 lbs
Size: 23.8IN x 11.3IN x 8.9IN

Photometrics:

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150   150
-120   120
-90   90
500
1000
-60   60
1500
2000
-30   30
2500
0
UNIT:cd
C0/180,158.4
C90/270,158.4
AVERAGE BEAM ANGLE(50%):158.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:1x)
MH(m)
10
14
18
22
26
30
34
38
42
46
50
0.0   17.0   34.0
S(m)

5.30	0.8800
4.40	0.7100
3.50	0.4400
2.70	0.3500
1.80	0.2700

0.5m	7020,128521x	96.93cm
1m	1755,32131x	193.86cm
2m	438.8,803.21x	387.73cm
3m	195.0,357.01x	581.59cm
4m	109.7,200.81x	775.45cm

c UL us LISTED   FC   DLC QPL LISTED   CE   ENERGY STAR   TITLE 24 COMPLIANT   RoHS   7 YEAR WARRANTY   BROOKLYN MADE

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Price: _____

Installation Instructions

Step 1

1. Remove the round cap on luminaire and unscrew the 1/2 screw.

Step 2

LED shoebox

Silicone

Cover plate

1/2 blocking

Arm

Silicone

photocell junction box

2. Remove the components of photocell junction box and fix the photocell junction box on the shoebox (arm installation mode).

Step 3

3. the photocell junction box is assem according to previous disassembled chart and connected with AC power supply cable (as shown)

Step 1

1. Remove the round cap on luminaire and unscrew the 1/2 screw.

Step 2

LED shoebox

Silicone

1/2 blocking

Slipfitter

photocell junction box

Silicone

Cover plate

2. Remove the components of photocell junction box and fix the photocell junction box on the shoebox (Slipfitter installation mode).

Step 3

3. the photocell junction box is assem according to previous disassembled chart and connected with AC power supply cable (as shown)

Wiring Drawing for Photocell

photocell

GRAY(DIM-)

VIOLET(DIM+)

Red   Black

Black

ACL   Black

White

Load

ACN   White   White