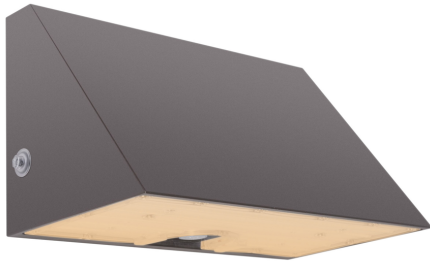


Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)



LED Architectural Wall Pack series can be widely used in indoor or outdoor lighting (wet location). Ideal for museums, art galleries, shopping malls, office buildings, walls and many other applications.

**WATT/CCT**  
SELECTABLE



ROHS  
COMPLIANT



## FEATURES

- LED high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V.
- Die-cast aluminum cooling design, high quality and better cooling for LED  $T_j < 85^{\circ}\text{C}$ .
- Excellent optics design, greatly improve the light utilization and evenness.
- Photocell (Standard), Wireless bluetooth system and Motion sensor control available (Optional)
- 12Vdc auxiliary dimming
- The 1-10V Dimming type is continuous.

High performance, die-cast heat sink transfers heat from the light engine to the environment, drawing heat away from the fixture, and extending the lifespan of the LEDs.

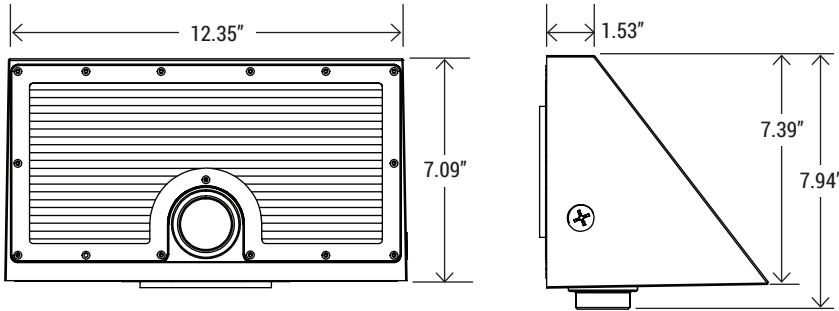


## SPECIFICATION

WATTAGE	28W	42W	56W	70W	48W	72W	96W	120W
LUMEN	5211 lm	7048 lm	8901 lm	11156 lm	7759 lm	11257 lm	14447 lm	17148 lm
EFFICACY	170 lm/W	165 lm/W	160 lm/W	170 lm/W	170 lm/W	165 lm/W	160 lm/W	160 lm/W
CCT	3000K, 4000K, 5000K				4000K/5000K			
CRI	70							
INPUT VOLTAGE	AC120-277V							
BEAM ANGLE	Type III: 93.5° X 87.4° (option) / Type IV: 94.3° X 76.8° (standard) / Type V: 107.3° X 104.9° (option)							
POWER FACTOR	0.90							
DRIVER EFFICACY	90%							
FACTORY SETTINGS	70W & 4000K				120W & 4000K			
LIFE SPAN	over 50,000 hrs							
WORKING TEMPERATURE	-22°F ~ 113°F							
STORAGE TEMPERATURE	-40°F ~ 176°F							
OUTDOOR RATING	Wet location							
CABLE	3 core, 18AWG (0.3m)							
WARRANTY	5 year limited							

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)

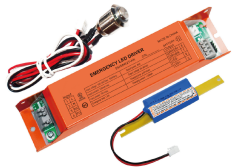
## DIMENSION



<b>WATTAGE</b>	28W-70W	48W-120W
<b>NT. WEIGHT</b>	8.14 lbs	8.60 lbs
<b>BOX DIM.</b>	13.58" x 7.87" x 8.27"	

## EMERGENCY BACK-UP (SOLD SEPARATELY)

## CONTROL (SOLD SEPARATELY)



**SB-EMS8W27-XX**  
8W Emergency Backup  
Battery LED Driver



**YH28A-08WL-180-X**  
8W Emergency Backup  
Battery LED Driver



**ANT-5-4T-BLE\***  
Bluetooth  
Motion Sensor



**ANT-5-4T**  
Bi-level  
microwave Sensor



**RC100**  
Remote  
Controller

**\*MESH RANGE**

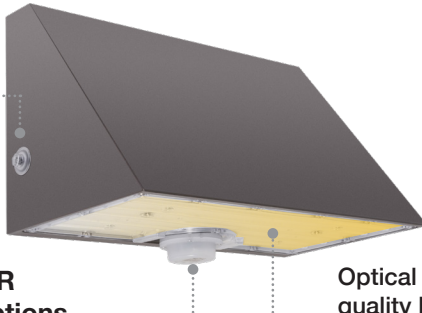
60ft node-to-node and 500ft node-to-Gateway (Commissioning)

## PHOTOCELL STANDARD

P (Photocell)

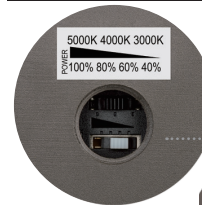
**Bluetooth®**  
(Option)

**MOTION SENSOR  
and Bluetooth options**



Optical lens is made of high quality PC material to make the light even and soft.

## WATT/CCT SELECTABLE



## ORDERING INFORMATION

EXAMPLE:

**SB-AFW-2842567W27-345K-D-TN-P-M / SB-AFW-48729612W27-45K-D-TN-P-M**

SB	AFW	2842567W	27	345K	D	TN	P	M
COMPANY	PRODUCT	WATTAGE	VOLTAGE	CCT	FINISH	DISTRIBUTION	CONTROL	CONTROL
SB LED INC	AFW LED Architectural Wall Pack	<b>2842567W -</b> (28W/42W/ 56W/70W) <b>48729612W -</b> (48W/72W/ 96W/120W)	<b>27</b> (AC120-277V)	<b>345K -</b> (3000K/4000K/5000K) <b>45K -</b> (4000K/5000K)	<b>D -</b> (Dark Bronze) <b>W -</b> (White) <b>B -</b> (Black) <b>S -</b> (Silver)	<b>T3 -</b> (Type III) <b>T4 -</b> (Type IV) <b>T5 -</b> (Type V)	<b>P -</b> (Photocell)	<b>M -</b> (Motion Sensor)

Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)



### ANT-5-4T-BLE

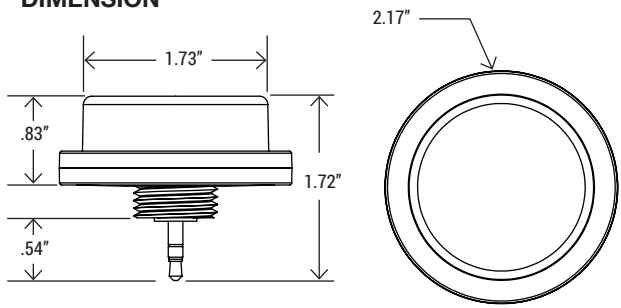
Plug and Play Network BLE Nodes and Sensor

The Bluetooth Lighting Control provides automated individual and group control of light fixtures using on sensors and Bluetooth mesh technology. The ANT-5-4T-BLE mounted in an Commercial lighting fixture and provides multi-level control solution based on motion and or daylight harvesting contribution.

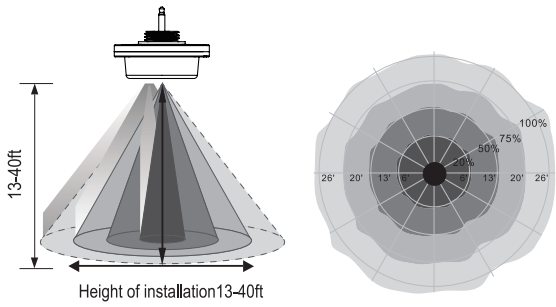
### FEATURES

- Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements (Version NLC5 June 23, 2020).
- Quick connect and adjust different sensor angle.
- Easy commissioning with Tuya/Sharkward App (Available in IOS and Android).
- Bluetooth network with Saas working by computer
- Individual addressability and/or grouping.
- Time clock scheduling for individual lights, groups or scenes.
- Multi-level dimming: manual ON/OFF automatic ON/OFF, and automatic partial ON/OFF, daylight harvesting control capability.

### DIMENSION



### COVERAGE



### SPECIFICATION

<b>NETWORK BLE MESH</b>	Yes
<b>DAYLIGHT HARVESTING</b>	Yes
<b>MICROWAVE MOTION SENSOR</b>	Yes
<b>DETECTION MODE</b>	Occupancy/Vacancy/Bi-level in 1 Unit
<b>OPERATING VOLTAGE</b>	12-24V DC
<b>OPERATING CURRENT</b>	>50mA
<b>SINKING CURRENT</b>	max. 25mA
<b>CONTROL OUTPUT</b>	0-10V
<b>RADIO FREQUENCY</b>	2.4GHz ± 75MHz
<b>WIRELESS STANDARD</b>	BLE 4.2 MESH IEEE 802.15.1
<b>PROGRAMMING</b>	Tuya/Sharkward App mobile app (IOS and android) or Saas
<b>CYBERSECURITY</b>	UL 1376
<b>ENCRYPTION</b>	AES 128-bit
<b>MESH RANGE</b>	60ft node-to-node and 500ft node-to-device (Commissioning)
<b>SAFETY</b>	cULus Listed
<b>FCC</b>	FCC ID:2AVMOANT-5-X
<b>OPERATING TEMP.</b>	-40°F - +158°F (-40°C - +70°C)
<b>IP RATING</b>	IP65
<b>WARRANTY</b>	5 year limited

### MICROWAVE SENSOR FEATURES

<b>DAYLIGHT HARVESTING</b>	On/Off
<b>MOTION SENSING</b>	On/Off
<b>FIRST TIME DELAY</b>	1-59 mins/infinite
<b>SECOND TIME DELAY</b>	0-59 mins/infinite
<b>DIM LEVEL</b>	0-100%
<b>MOUNTING HEIGHT</b>	13-40ft
<b>DETECTION RANGE</b>	up to 52ft diameter
<b>DETECTION: HORIZONTAL</b>	360°
<b>DETECTION: VERTICAL</b>	90°

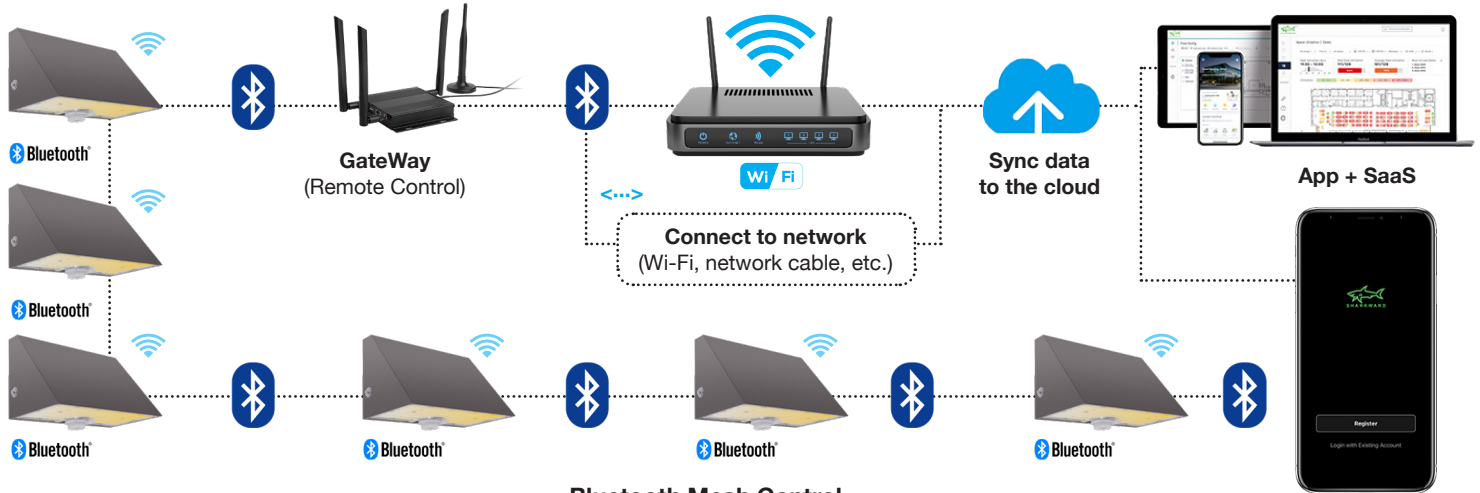
### COMMISSIONING

Tuya/Sharkward mobile app makes it easy to pair devices, create groups, set scenes/schedules, customize dimming levels, and adjust high trim based on application needs.

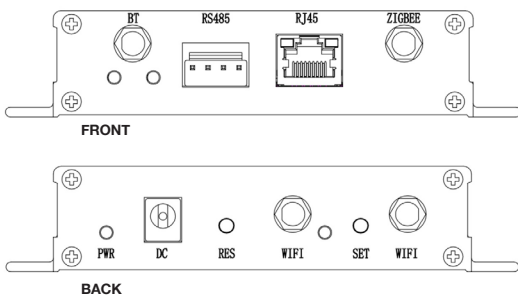


Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)

## GATEWAY REMOTE CONTROL



## Bluetooth Mesh Control



## INDUSTRIAL GATEWAY

### SK18WG

Smart Engineering Gateway

- One gateway can control max. 200pcs Bluetooth Motion sensors.
- This distance is for reference only, the construction site conditions are different, and the distance may deviate.
- The gateway can cover up to 500ft distance.
- Bluetooth between Bluetooth communication up to 60ft.

Consult factory for more details.

### SPECIFICATION

INPUT VOLTAGE	100-240VAC, 50-60Hz
OUTPUT VOLTAGE	5V= 2000MA
WORKING TEMPERATURE	-10°C ~ 45°C
STORAGE TEMPERATURE	-20°C ~ 60°C
WORKING HUMIDITY	10%-90%RH (No condensation)
STORAGE HUMIDITY	5%-90%RH (No condensation)
DIMENSIONS	4.25"x5.18"x1.07" (LxWxH)
WEIGHT	0.81 lbs

### RF CHARACTERISTICS

	WIFI	BLUETOOTH	ZIGBEE
WIRELESS FREQUENCY	2.400 ~2.4835 GHz	2.400 ~ 2.4835 GHz	2.400 ~ 2.480 GHz
NETWORK STANDARD	WIFI 802.11 b/g/n	IEEE 802.15	IEEE 802.15.4
TRANSMIT POWER	20dBm	8dBm	Nominal 10dBm, up to 19dBm
CHANNELS	CH1-CH14	CH0 - CH39	CH11-CH26
TRANSFER SPEED	11b:1,2,5,5, 11 (Mbps) 11g:6,9,12,18,24,36,48,54 (Mbps) 11n:HT20 MCS0~7 11n:HT40 MCS0~7	1Mbps/2Mbps	250Kbps

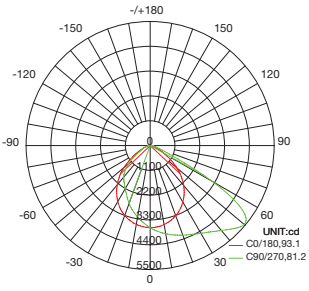
Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)

## PHOTOMETRICS

For complete IES files, please visit our website.

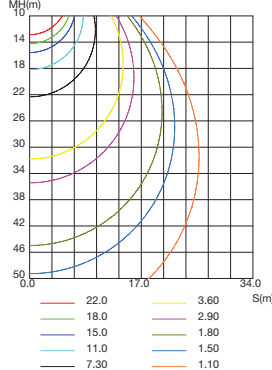
### SB-AFW2842567W27-345K-D-T3 (70W@5000K)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

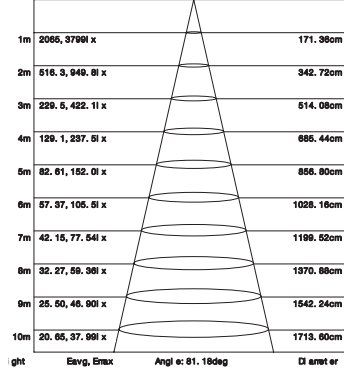


AVERAGE BEAM ANGLE(50%):87.1 DEG

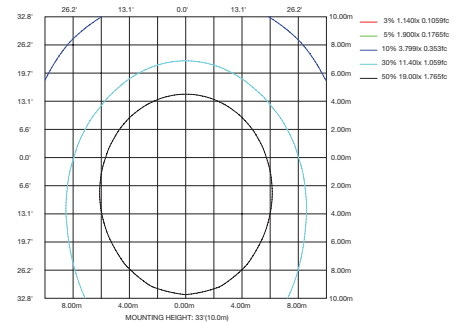
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 4903 lm

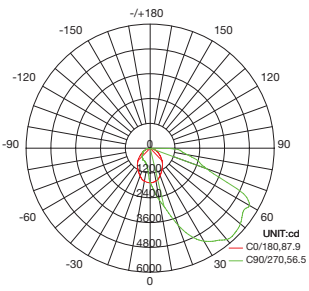


ISOLUX DIAGRAM



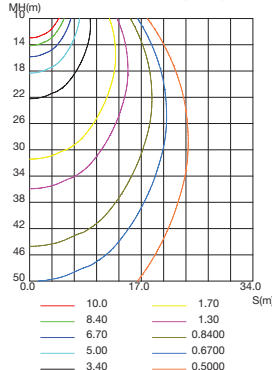
### SB-AFW2842567W27-345K-D-T4 (70W@5000K)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

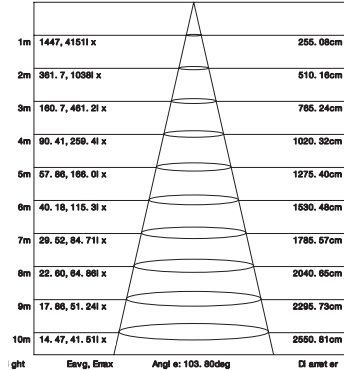


AVERAGE BEAM ANGLE(50%):72.2 DEG

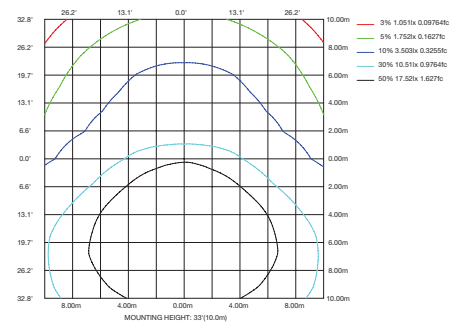
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 7445 lm

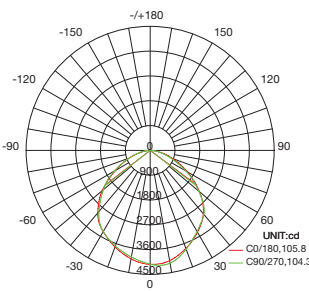


ISOLUX DIAGRAM



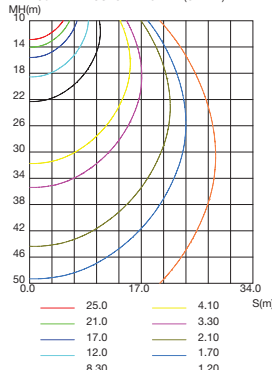
### SB-AFW2842567W27-345K-D-T5 (70W@5000K)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

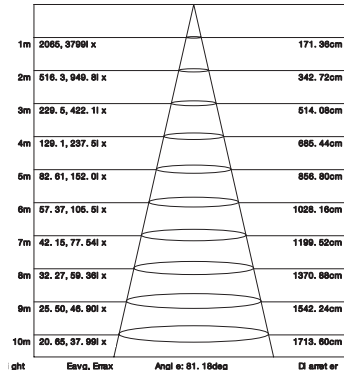


AVERAGE BEAM ANGLE(50%):105.1 DEG

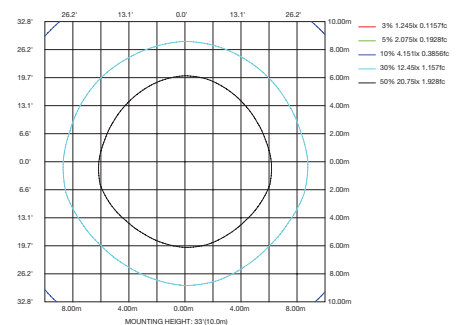
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 4903 lm



ISOLUX DIAGRAM



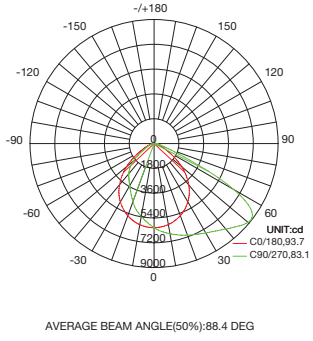
Selectable Wattages: (28W/42W/56W/70W) (48W/72W/96W/120W)

## PHOTOMETRICS

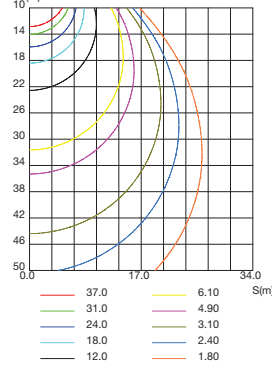
For complete IES files, please visit our website.

### SB-AFW48729612W27-45K-D-T3 (120W@5000K)

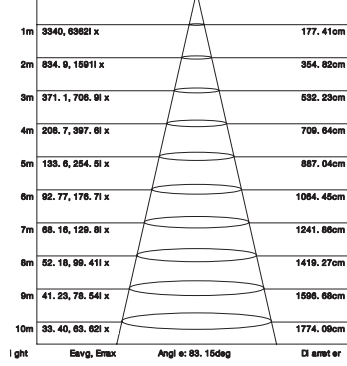
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



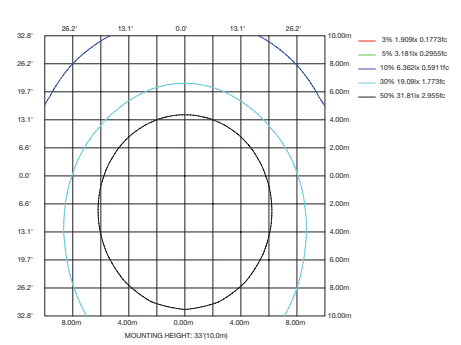
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 8506 lm

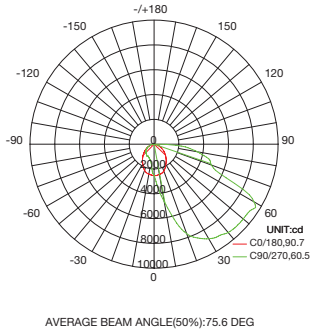


ISOLUX DIAGRAM

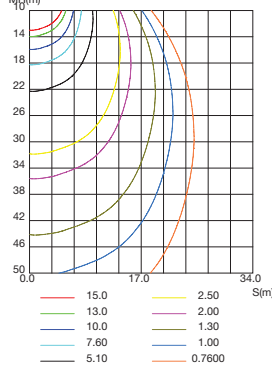


### SB-AFW48729612W27-45K-D-T4 (120W@5000K)

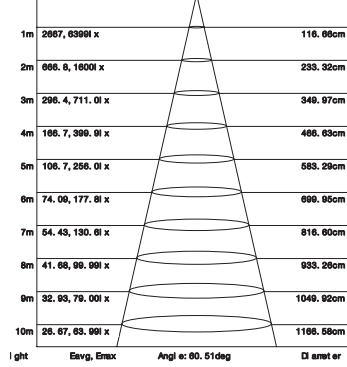
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



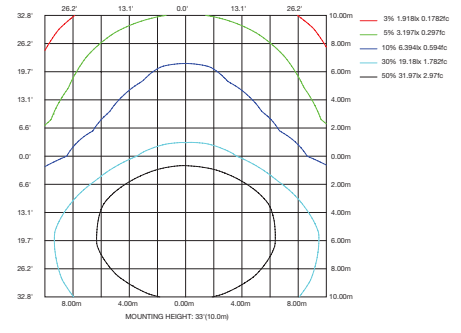
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 3025 lm

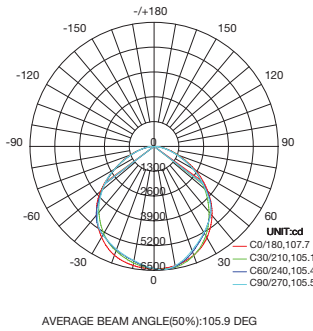


ISOLUX DIAGRAM

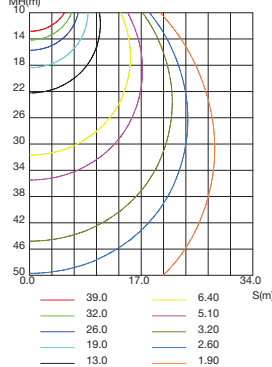


### SB-AFW48729612W27-45K-D-T5 (120W@5000K)

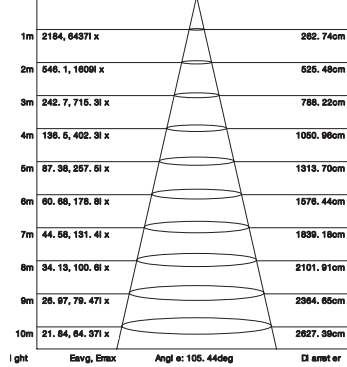
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



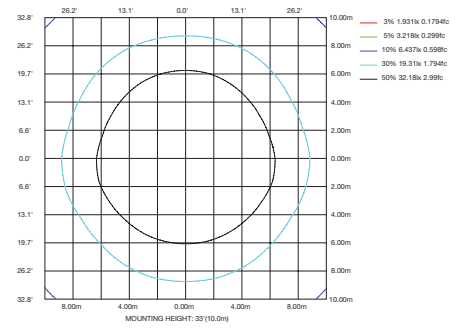
CO PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out: 12086 lm



ISOLUX DIAGRAM



**BUG REPORT**

Test:U:120.00V I:0.5960A P:70.680W PF:0.9883 Freq:60.00Hz Lamp Flux:9911.4x1 lm		
NAME: LED Wall Pack Light	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNOWBALL INC	SUR.:	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1536.1	15.5
FM - Front-Medium(30-60)	4015.1	40.5
FH - Front-High(60-80)	1231	12.4
FVH - Front-Very High(80-90)	76.081	0.8
<b>Total Forward Light</b>	<b>6858.3</b>	<b>69.2</b>

BL - Back-Low(0-30)	1144.3	11.5
BM - Back-Medium(30-60)	1586.4	16.0
BH - Back-High(60-80)	301.17	3.0
BVH - Back-Very High(80-90)	21.267	0.2
<b>Total Back Light</b>	<b>3053.1</b>	<b>30.8</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

BUG(Back,Up,Glare) Rating	B3-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3053.1	0	3053.1
Street Side	6858.3	0	6858.3

**BUG REPORT**

Test:U:120.00V I:0.9941A P:119.04W PF:0.9979 Freq:60.00Hz Lamp Flux:17342.4x1 lm		
NAME: LED Wall Pack Light	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNOWBALL INC	SUR.:	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2581.3	14.9
FM - Front-Medium(30-60)	4607.2	26.6
FH - Front-High(60-80)	1380.7	8.0
FVH - Front-Very High(80-90)	123.29	0.7
<b>Total Forward Light</b>	<b>8692.4</b>	<b>50.1</b>

BL - Back-Low(0-30)	2517.1	14.5
BM - Back-Medium(30-60)	4599.7	26.5
BH - Back-High(60-80)	1401	8.1
BVH - Back-Very High(80-90)	132.23	0.8
<b>Total Back Light</b>	<b>8650</b>	<b>49.9</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

BUG(Back,Up,Glare) Rating	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8650	0	8650
Street Side	8692.4	0	8692.4