

# LED Wall Pack Light Wattage & CCT Field Adjustable

**Lighting and Power**  
Technologies LLC

Wattages: 48W, 72W, 96W, 120W



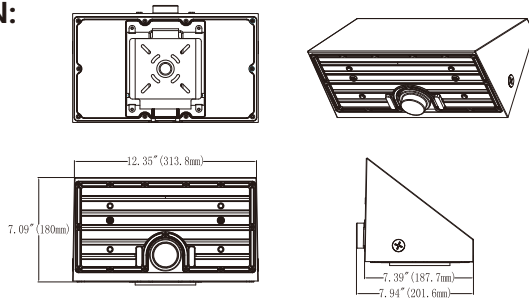
**CODE: 90305-AP**

LED Wall Pack Lighting series can be widely used in indoor or outdoor lighting (wet location), Excellent for Museums, Art Galleries, Shopping Malls, Office Buildings, Walls and many other applications.



- ♦ 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)

## DIMENSION:



## Structure Features:

- ♦ Shell materials: Aluminum & PC
- ♦ Finish: Dark Bronze (Standard)
- ♦ Net weight :
  - 28-70W : 3.69Kg (8.14 lbs)
  - 48-120W : 3.90Kg (8.60 lbs)
- ♦ Product Size : 313.8mmX180mmX187.7mm (12.35"X7.09"X7.39")
- ♦ Carton Size : 345mmX200mmX210mm (13.58"X7.87"X8.27")

## SPECIFICATION

					CODE: 90305-AP			
WATTAGE	28 W	42 W	56 W	70 W	48 W	72 W	96 W	120 W
LUMEN	5210.8 lm	7047.7 lm	8900.9 lm	11155.8 lm	7759.6 lm	11257.2 lm	14447.6 lm	17147.7 lm
EFFICACY	> 170 lm/W	> 170 lm/W	> 165 lm/W	> 160 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	TypeIII:93.5°X87.4°(option)			TypeIV:94.3°X76.8°(standard)		TypeV:107.3°X104.9°(option)		
POWER FACTOR	0.90							
DRIVER EFFICACY	90%							
DIMMING	1-10V dimming							
LIFE SPAN	over 50,000 hrs							
WORKING TEMPERATURE	-22°F ~ 113°F							
STORAGE TEMPERATURE	-40°F ~ 176°F							
OUTDOOR RATING	Wet location							
CABLE	5 core,18AWG(0.3m)							
WARRANTY	5 year limited							

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Photocell ready



(Option)

MOTION SENSOR  
and Bluetooth options

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

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

Wattage & CCT Field Adjustable

## EMERGENCY BACK-UP (SOLD SEPARATELY)



**BLD-CM08E-60V**  
8W Emergency Backup Battery  
LED Driver

## CONTROL (SOLD SEPARATELY)



Bluetooth

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



**ANT-5-4T**  
Mounts in an outdoor lighting  
fixture and provides multi-level  
control based on motion and/or  
daylight contribution



**Rc100**  
Remote Controller

AFW	2842567W	27	345K	Z	TN	Y	E
PRODUCT	WATTAGE	VOLTAGE	CCT	FINISH	Light Angle	CONTROL 1	CONTROL 2
<b>AFW</b> (WALL PACK LIGHT)	<b>28W</b> - (28W) <b>42W</b> - (42W) <b>56W</b> - (56W) <b>70W</b> - (70W) <b>48W</b> - (48W) <b>72W</b> - (72W) <b>96W</b> - (96W) <b>12W</b> - (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> - (TypeIII) <b>T4</b> - (TypeIV) <b>T5</b> - (TypeV)	<b>P</b> - (Photocell)	<b>M</b> - (Motion Sensor)

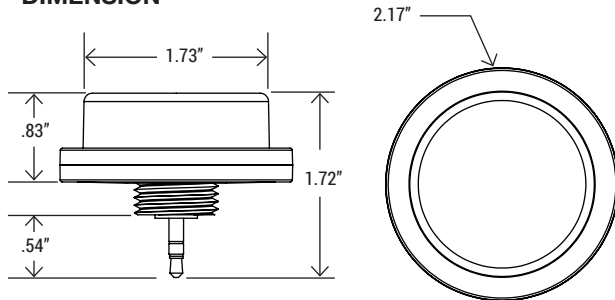
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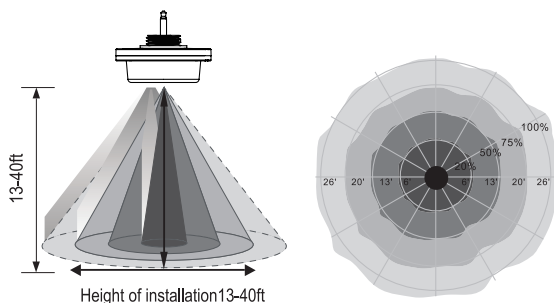
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## DIMENSION



## COVERAGE



## MICROWAVE SENSOR FEATURES

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

## 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.

## SPECIFICATION

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



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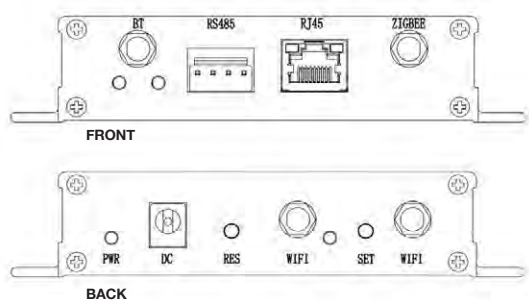
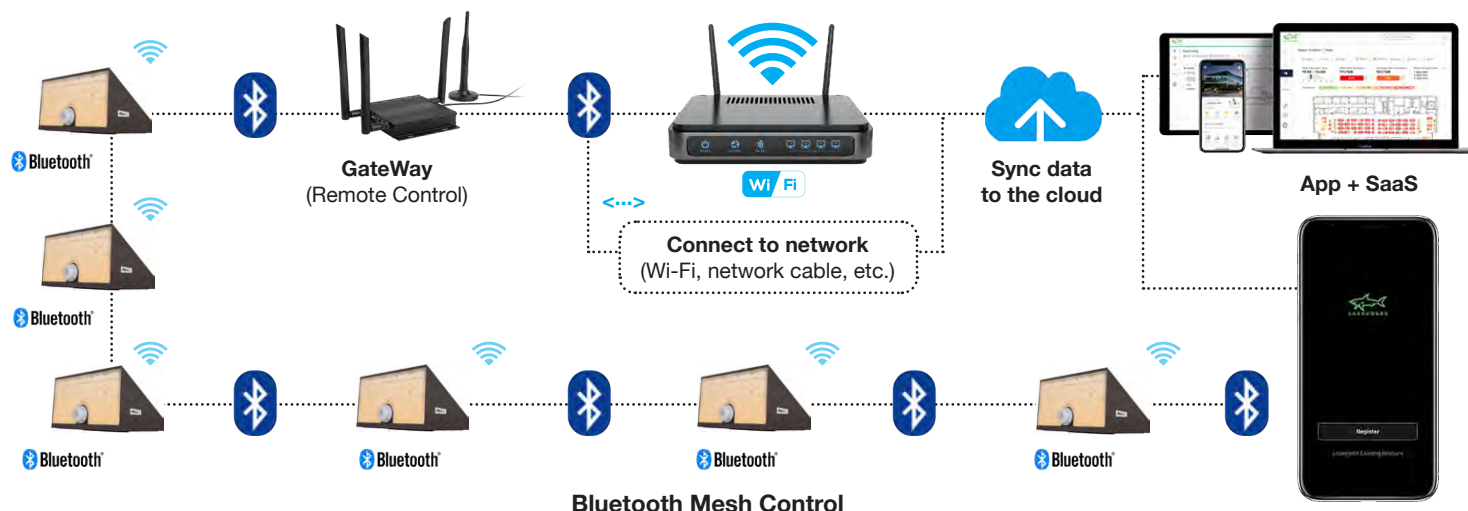
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## GATEWAY REMOTE CONTROL



## 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

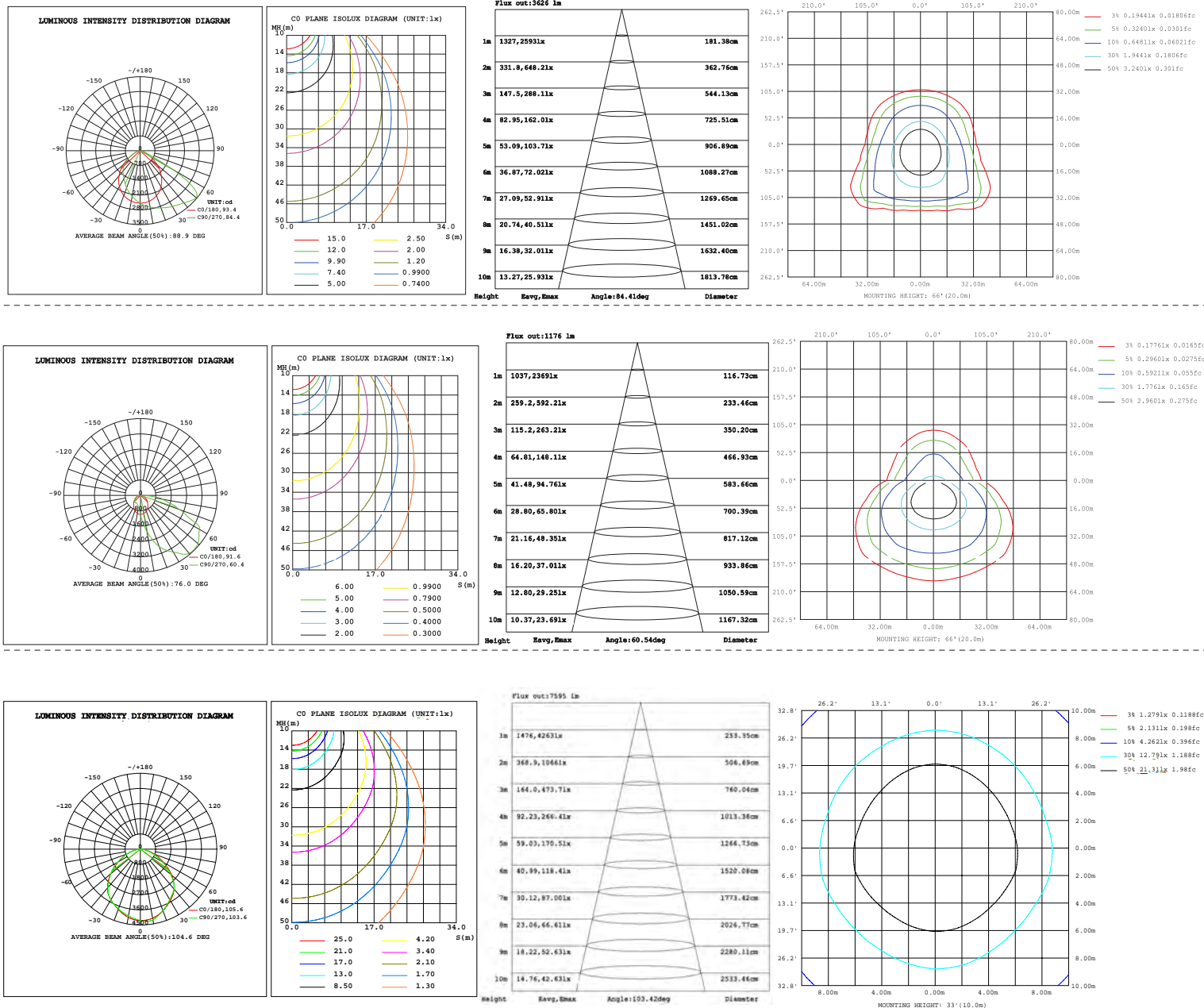
	WIFI	BLUETOOTH	ZIGBEE
WIRELESS FREQUENCY	2.400 ~2.4835 GHz	2.400 ~ 2.4835 GHz	2.400 ~ 2.480 GHz
NETWORK STANDARD	WIFI 802.11 b/g/n	IEEE 802.15	IEEE 802.15.4
TRANSMIT POWER	20dBm	8dBm	Nominal 10dBm, up to 19dBm
CHANNELS	CH1-CH14	CH0 - CH39	CH11-CH26
TRANSFER SPEED	11b:1,2,5.5, 11 (Mbps) 11g:6,9,12,18,24,36,48,54 (Mbps) 11n:HT20 MCS0~7 11n:HT40 MCS0~7	1Mbps/2Mbps	250Kbps

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## PHOTOMETRICS

For complete IES files, please visit our website.

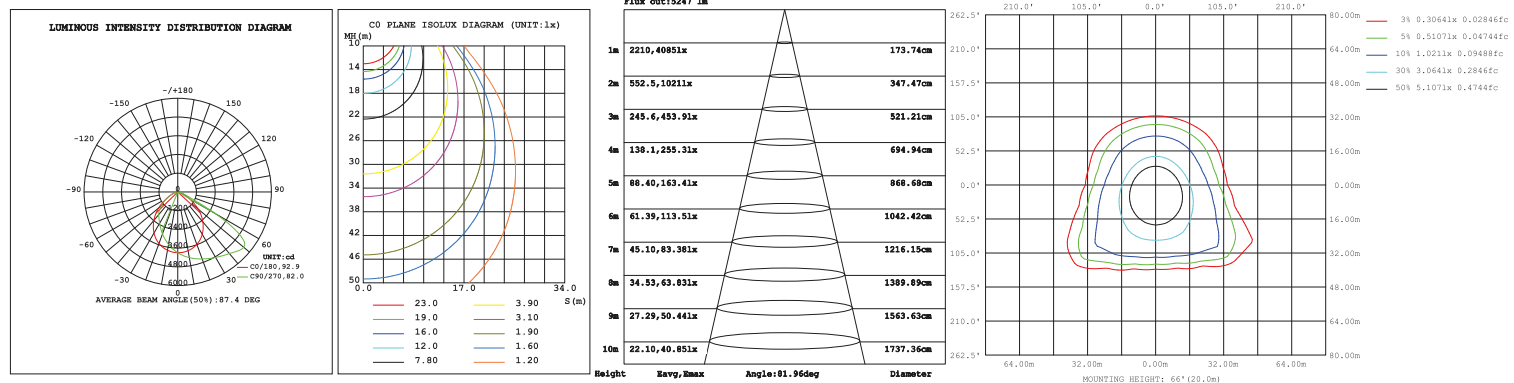




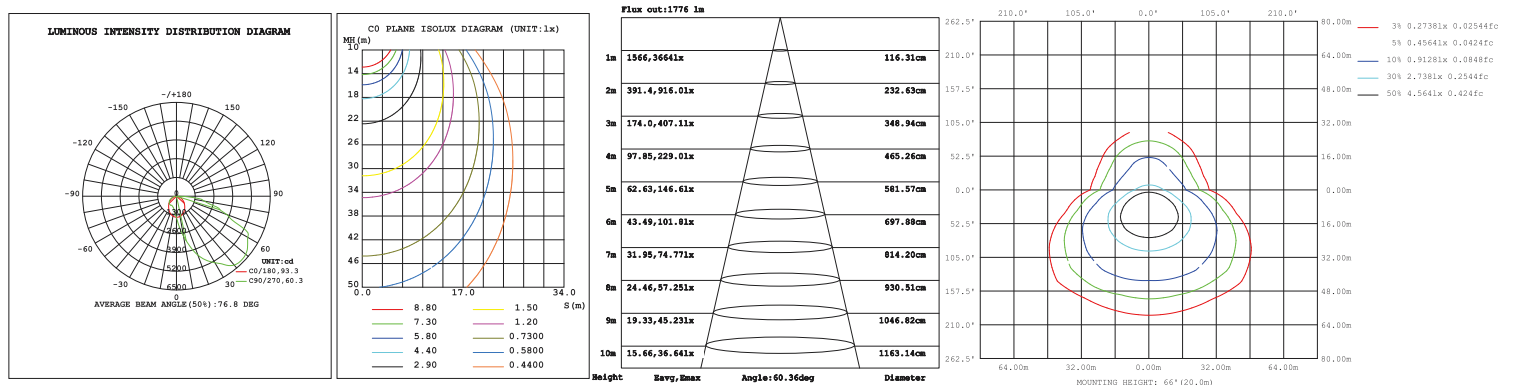
### PHOTOMETRICS

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#### WSD-AFW48729612W27-45K-D-T3



#### WSD-AFW48729612W27-45K-D-T4



#### WSD-AFW48729612W27-45K-D-T5

