Sensor Based Back-lit LED panel light

WSD LED INC
Green Lighting Resources

Wattages: 16W,19W,26W,32W ; 22W,30W,36W,43W



The Sensor Based Back-lit LED panel Lighting Series can be widely used for Indoor Excellent for Offices, Hallways, Multipurpose Rooms , Office Buildings, Conference Rooms,super market, store and many other applications.

Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements, LLLC, Energy Monitoring and High End Trim function.

Features

- Energy efficient: save up to 80% in energy costs
- High lumen output
- It uses a 2.5mm port base.
- 50,000 hours at 70% lumen maintenance rated life
- 5 years manufacturer warranty
- Compatible with most Lutron and Leviton dimmers
- 12Vdc auxiliary dimming
- Wireless bluetooth system and Motion sensor control available (Optional)
  Installation height: Max 12 ft
- The 0 - 10V Dimming ty pe is continuous

Packaging information

❖**14LPZ16192632W27-5CCT**
1259MMX216MMX355MM (4 Pcs/CTN)
(49.57" X8.50" X13.98")

❖**22LPZ16192632W27-5CCT**
649MMX216MMX655MM (4 Pcs/CTN)
(25.55" X8.50" X25.79")

❖**24LPZ22303643W27-5CCT**
1259MMX216MMX655MM (4 Pcs/CTN)
(49.57" X8.50" X25.79")

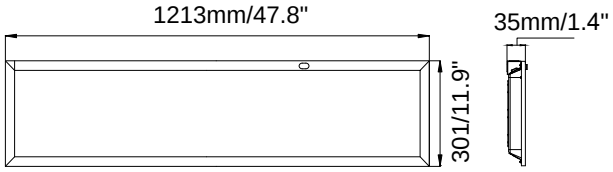
SPECIFICATION			
TYPE	14LPZ16192632W27-5CCT	22LPZ16192632W27-5CCT	24LPZ22303643W27-5CCT
WATTAGE	16W/19W/26W/32W	16W/19W/26W/32W	22W/30W/36W/43W
LUMEN	2496 lm/3080 lm/3929lm/4779lm	2422 lm/2994 lm/3833lm/4649lm	3474 lm/4459 lm/5422lm/6329lm
EFFICACY	> 150 lm/W		
CCT	2700K,3000K,3500K,4000K,5000K		
CRI	> 80		
INPUT VOLTAGE	AC120-277V		
LED TYPE	SMD2835		
FACTORY SETTINGS	32W & 4000K		43W & 4000K
WARRANTY	5 year limited		
LIGHTING ANGLE	113		
PF	> 0.98		
DRIVER EFFICIENCY	> 90%		
PROTECTION LEVEL	Damp		
LIFE TIME	> 50000 hours		
OPERATING TEMPERATURE	-20°C~50°C(-4°F~122°F)		
IC RATING	Type IC		

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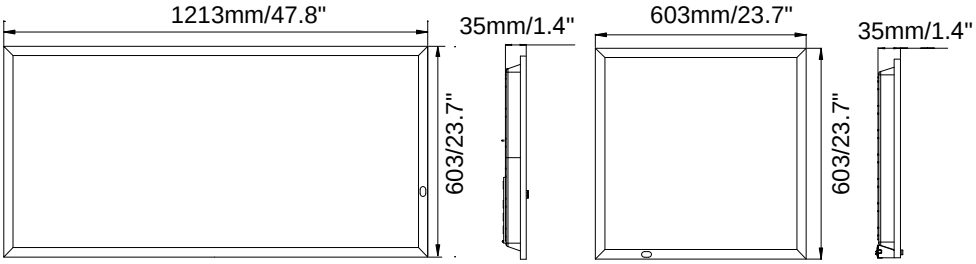
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DIMENSION



1X4 feet



2X4 feet

2X2 feet

Specifications

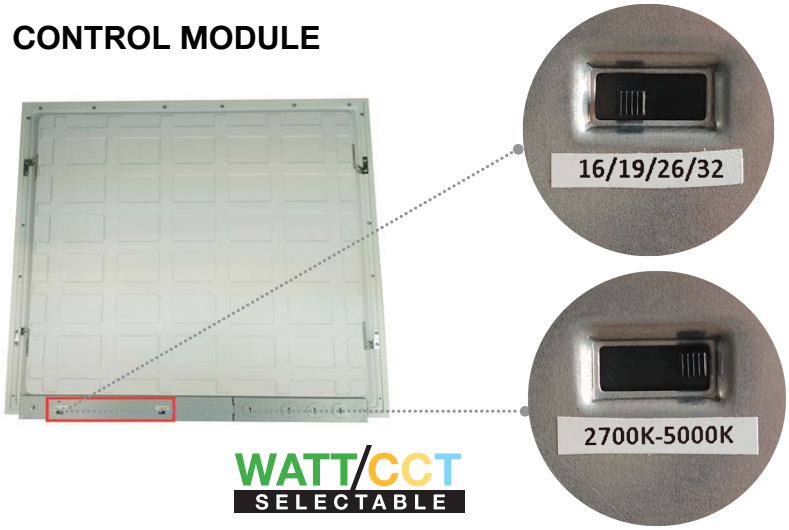
LPZ -14
Length:1213MM(47.8")
Width: 301MM (11.9")
Depth:35MM (1.4")
Weight(N.W):4.48(lbs)

LPZ -22/24
Length:603MM/1213MM (23.7"/47.8")
Width: 603MM (23.7")
Depth:35MM (1.4")
Weight(N.W):4.01/7.65(lbs)

Mounting

❖Recessed lighting fixture

CONTROL MODULE



Enlarge your space

Low profile, optimized packaging allows more container loading.



Each product is packed in PE bags



4 EPE corner protector(6 for 2x4)

Multiple sensor solutions ready

- Quick and easy in-field installation of sensors.



- Integrated occupancy and daylight controls.



The sensor receptacle is pre-embedded in the profile frame.

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ACCESSORIES (ACCESSORIES NEED TO PURCHASED SEPARATELY)



6FTPRWG-3/8-3PIN
6FTPRWG-3/8-5PIN
6FTPRWG-3/8-6PIN
6FT 3/8 inch Metal Flexible Conduit



14LPZ-CABLE KIT
Cable Suspended Mounting for 1x4 Panel Light



22LPZ-CABLE KIT / 24LPZ-CABLE KIT
Cable Suspended Mounting for 2x2 / 2x4 Panel Light



WSD-PANEL2X2-KIT-G2
2X2 feet SURFACE MOUNT KIT



WSD-PANEL2X4-KIT-G2
2X4 feet SURFACE MOUNT KIT



WSD-PANEL1X4-KIT-G2
1X4 feet SURFACE MOUNT KIT

CONTROL (SOLD SEPARATELY)



Bluetooth®
NLC-BT-PIR-SR-001
PIR Bluetooth Microwave Sensor For Silvair Systems
(Silvair Bluetooth)



Bluetooth®
NLC-BT-PIR-GE-001
PIR Bluetooth Microwave Sensor For GEBC Systems
(GEBC Bluetooth)



NLC-PIR-SQ-001
Bi-Level PIR Infrared Sensor



RC-100(NL C-PIR-SQ-0 0 1 use)
Remote Controller

EMERGENCY BACK-UP (SOLD SEPARATELY)



WSD-170YT08W-AC
8W Emergency Backup Battery LED Driver



WSD-EML08W27-XX
WSD-EML15W27-XX
WSD-EML20W27-XX
8W/15W/20W Emergency Backup Battery LED Driver

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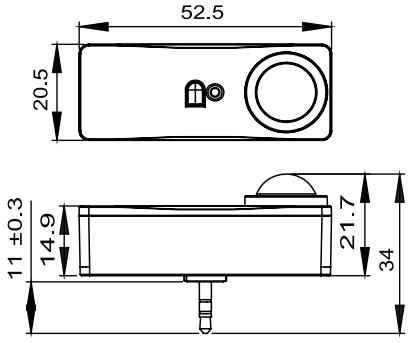
NLC-BT-PIR-SR-001
Plug and Play Network BLE Nodes and Sensor

The NLC-BT-PIR-SR-001 uses PIR motion detectorarchitecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

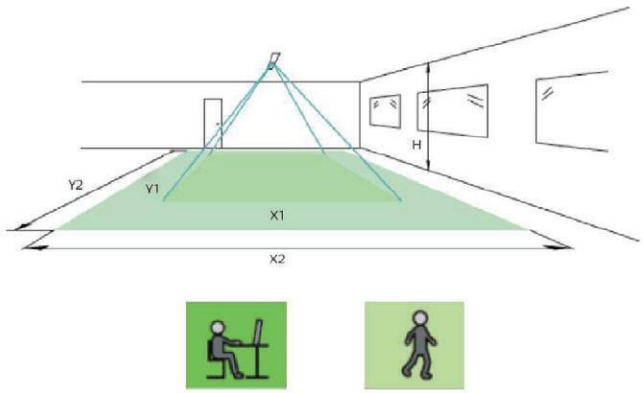
FEATURES

- Bluetooth to 0-10V signal converter, Bluetooth mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcastcontrolled by mobile application
- In typical outdoor environment, the typical range for wireless communication is 60m.
- Actual range is dependent on field installation.
- Available with Magnetic reset (Touch the top part of sensorfor 5 seconds).
- On-board antenna.

DIMENSION



COVERAGE



Height	Minor Movement		Major Movement	
H	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	9'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

SPECIFICATION	
NETWORK BLE MESH	Yes
DAYLIGHT HARVESTING	Yes
MICROWAVE MOTION SENSOR	Yes
MOTION SENSOR	Passive infrared sensor
OPERATING VOLTAGE	10-14V DC
OPERATING CURRENT	>50mA
SINKING CURRENT	max. 25mA
CONTROL OUTPUT	0-10V
RADIO FREQUENCY	2.4GHz ± 75MHz
DETECTION ANGLE	360 °
PRORGRAMMING	Silvair iOS App (IOS or Android)
CYBERSECURITY	UL
MOUNTING HEIGHT	12ft Max.
MAX BLUETOOTH RANGE	200ft
SAFETY	cULus Listed
FCC	FCC
OPERATING TEMP.	-20°C - +60°C
IP RATING	IP20
WARRANTY	5 year limited

COMMISSIONING

Silvair iOS App or Android makes it easy to pair devices, create groups, set scenes/schedules, customize dimming levels, and adjust high trim based on application needs.

Please scan and download the app:

Silvair App
iOS

Operation Instruction:
https://youtu.be/8KWPK7z_Tng

Android:

When using silvair, you can search for silvair in Android Google play to download and install it

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ORDERING INFORMATION

EXAMPLE:

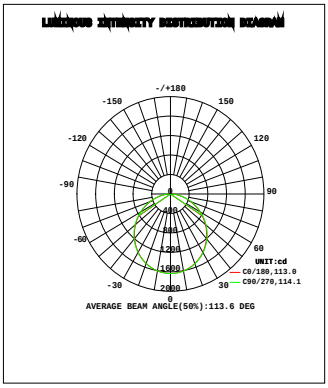
14LPZ16192632W27-5CCT-E[Blank,M]

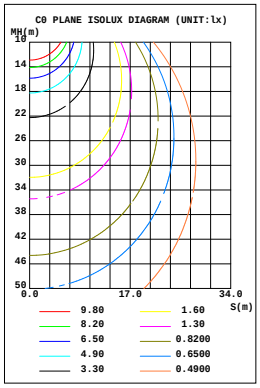
14	LPZ	16192632W	27	5CCT	E
SIZE	PRODUCT	POWER	VOLTAGE	CCT	CONTROL
14 - (1X4feet) **22** - (2X2feet) **24** - (2X4feet)	**LPZ** LED Panel Lights	**16192632** **22303643** 16W/19W/26W/32W 22W/30W/36W/43W	**27** AC120-277V	**5CCT** 2700K/3000K/3500K/ 4000K /5000K	**M**(Motion Sensor)

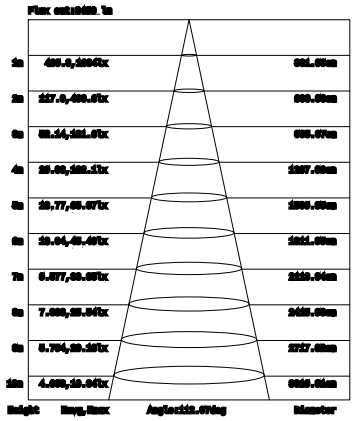
PHOTOMETRICS

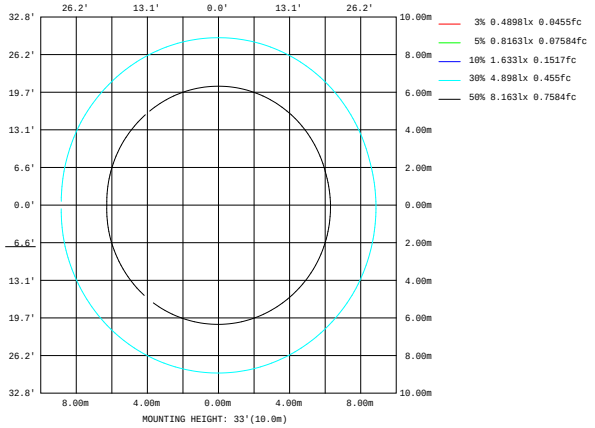
For complete IES files, please visit our website.

14LPZ16192632W27-5CCT (32W&4000K)

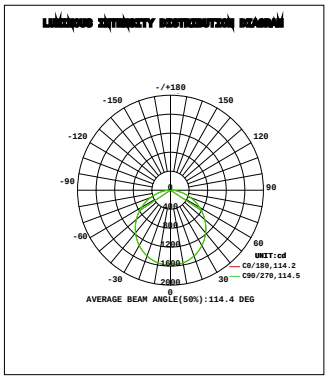


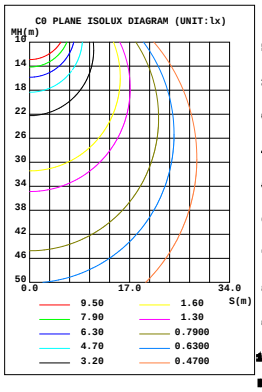


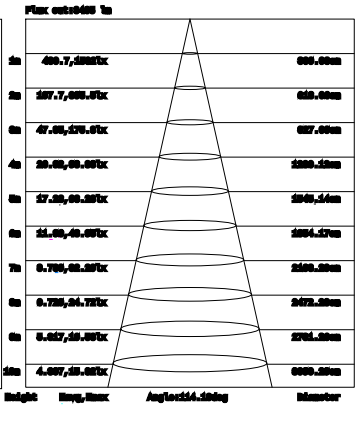


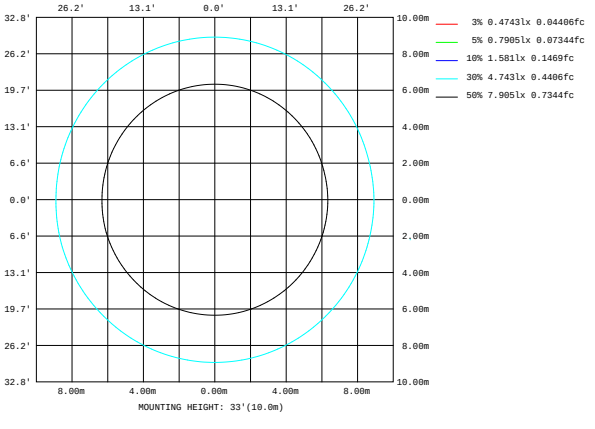


22LPZ16192632W27-5CCT(32W&4000K)









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PHOTOMETRICS

For complete IES files, please visit our website.

24LPZ22303643W27-5CCT(43W&4000K)

