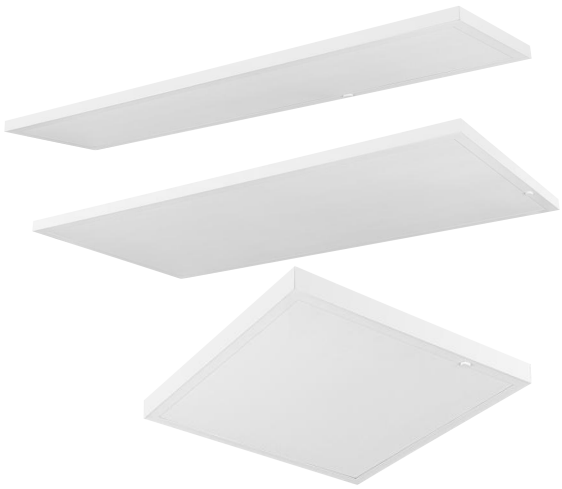
Surface Mount Selectable Sensor Based LED Panel Light

WSD LED INC
Green Lighting Resources

Wattages: 20W,28W,34W,41W ; 28W,34W,41W,50W



The Surface Mount Selectable Sensor Based 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

- Flush and Seamless design with no protruding parts
- 1.2″ low profile, surface mount ready
- 4 Power & 5 CCT field-adjustable
- Long-life, high-efficacy, micro-power LEDs
- It uses a 2 .5mm port base
- Wireless bluetooth system and Motion sensor control available (Optional)
  Installation height: Max 12 ft
- Compatible with most Lutron and Leviton dimmers
- **12Vdc auxiliary dimming**
- **The 0-10V Dimming type is continuous**

Packaging information

❖**LPZS14F20283441W27-5CCT**
1259MMX216MMX355MM (4 Pcs/CTN)
(49.57" X8.50" X13.98")

❖**LPZS22F20283441W27-5CCT**
649MMX216MMX655MM (4 Pcs/CTN)
(25.55" X8.50" X25.79")

❖**LPZS24F28344150W27-5CCT**
1259MMX216MMX655MM (4 Pcs/CTN)
(49.57" X8.50" X25.79")

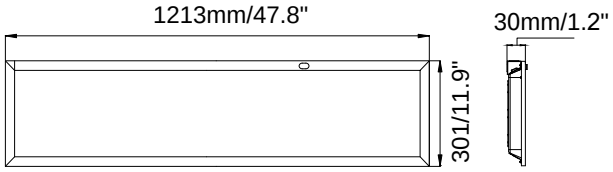
SPECIFICATION			
TYPE	LPZS14F20283441W27-5CCT	LPZS22F20283441W27-5CCT	LPZS24F28344150W27-5CCT
WATTAGE	20W/28W/34W/41W	20W/28W/34W/41W	28W/34W/41W/50W
LUMEN	2833 lm/4061 lm/4563lm/5288lm	2600 lm/3784 lm/4279lm/5023lm	4018 lm/4537 lm/5271lm/6514lm
EFFICACY	> 130 lm/W		
CCT	2700K,3000K,3500K,4000K,5000K		
CRI	> 80		
INPUT VOLTAGE	AC120-277V		
LED TYPE	SMD2835		
FACTORY SETTINGS	41W & 4000K		50W & 4000K
LLLC NAME	GEBC		
LIGHTING ANGLE	113		
PF	> 0.98		
DRIVER EFFICIENCY	> 90%		
PROTECTION LEVEL	Damp		
LIFE TIME	> 50000 hours		
OPERATING TEMPERATURE	-20°C~45°C(-4°F~113°F)		
CABLE	3 core,18AWG (5.91 inch)		
WARRANTY	5 year limited		

Surface Mount Selectable Sensor Based LED Panel Light

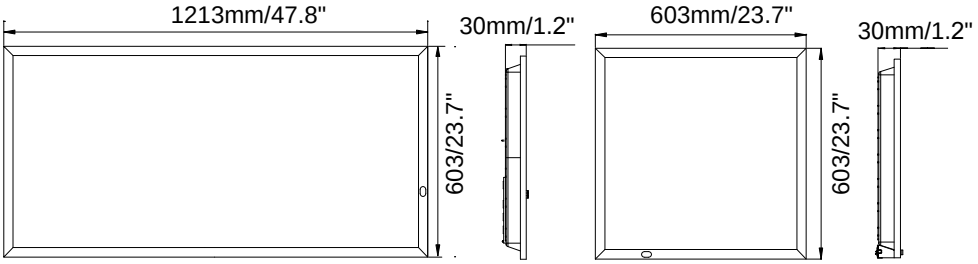
WSD LED INC
Green Lighting Resources

Wattages: 20W,28W,34W,41W ; 28W,34W,41W,50W

DIMENSION



1X4 feet



2X4 feet

2X2 feet

Specifications

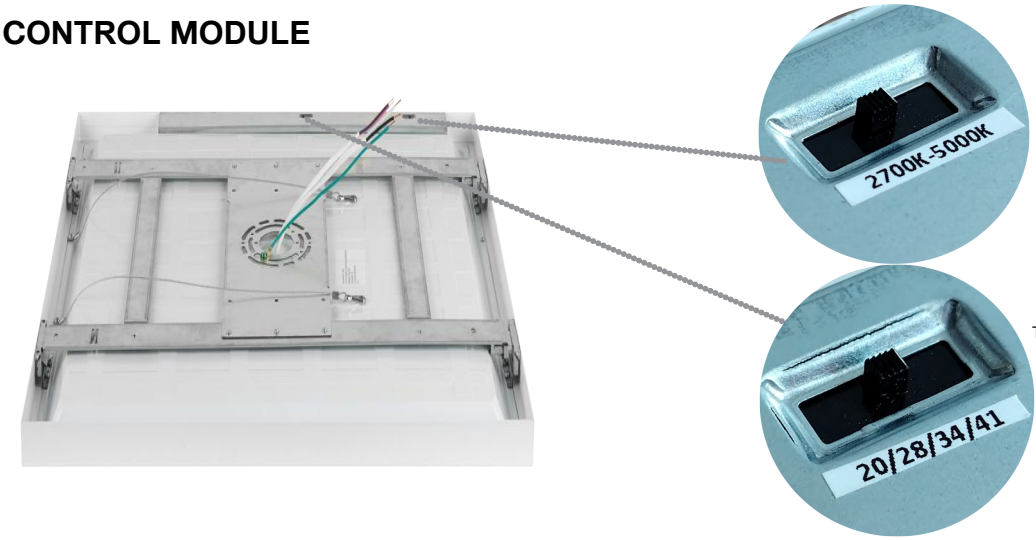
LPZ -14
Length:1213MM(47.8")
Width: 301MM (11.9")
Depth:30MM (1.2")
Weight:4.43(lbs)

LPZ -22/24
Length:603MM/1213MM (23.7"/47.8")
Width: 603MM (23.7")
Depth:30MM (1.2")
Weight:5.78/9.22(lbs)

Mounting

❖ Surface Mounting.

CONTROL MODULE



WATT/CCT SELECTABLE

Selectable 5CCT
Three position sliding switch
2700K / 3000K / 3500K /
4000K / 5000K

Selectable Power
Three position sliding switch
20W / 28W / 34W / 41W
28W / 34W / 41W / 50W

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.

Surface Mount Selectable Sensor Based LED Panel Light

WSD LED INC
Green Lighting Resources

Wattages: 20W,28W,34W,41W ; 28W,34W,41W,50W

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

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

ORDERING INFORMATION

EXAMPLE:

LPZS14F20283441W27-5CCT-E[Blank,M]

14	LPZS	20283441W	27	5CCT	E
SIZE	PRODUCT	POWER	VOLTAGE	CCT	CONTROL
14 - (1X4feet) **22** - (2X2feet) **24** - (2X4feet)	**LPZS** LED Panel Lights	**20283441** **28344150** 20W/28W/34W/41W 28W/34W/41W/50W	**27** AC120-277V	**5CCT** 2700K/3000K/3500K/ 4000K /5000K	**M**(Motion Sensor)

Surface Mount Selectable Sensor Based LED Panel Light

WSD LED INC
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Wattages: 20W,28W,34W,41W ; 28W,34W,41W,50W



Bluetooth®

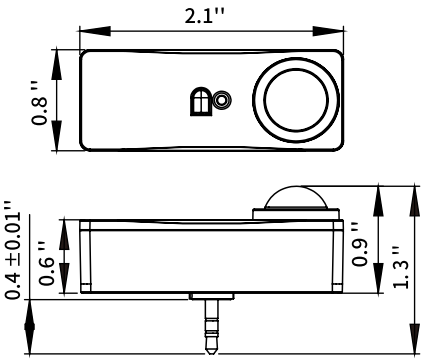
NLC-BT-PIR-SR-001
Plug and Play Network BLE Nodes and Sensor

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

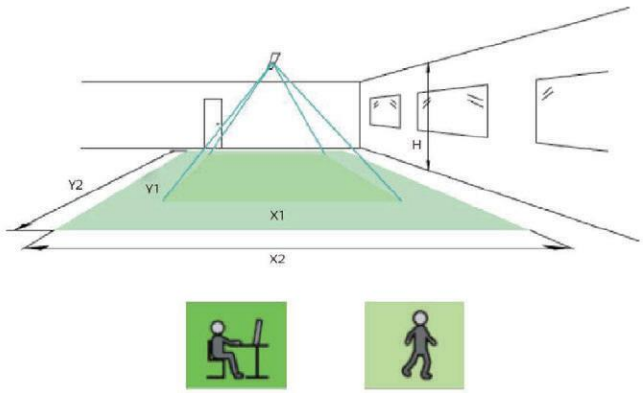
FEATURES

- 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

Surface Mount Selectable Sensor Based LED Panel Light

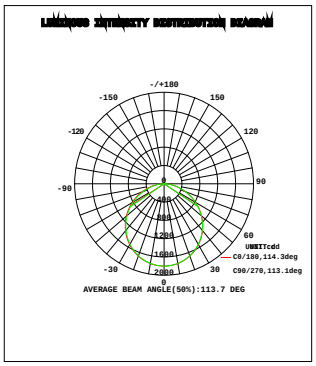
WSD LED INC
Green Lighting Resources

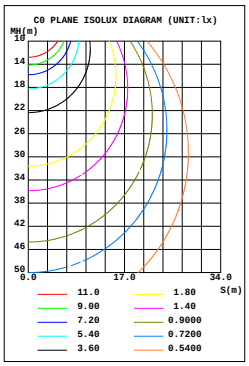
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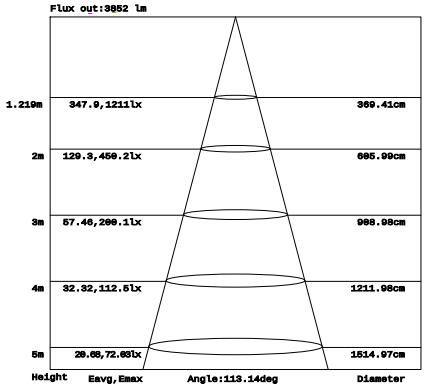
PHOTOMETRICS

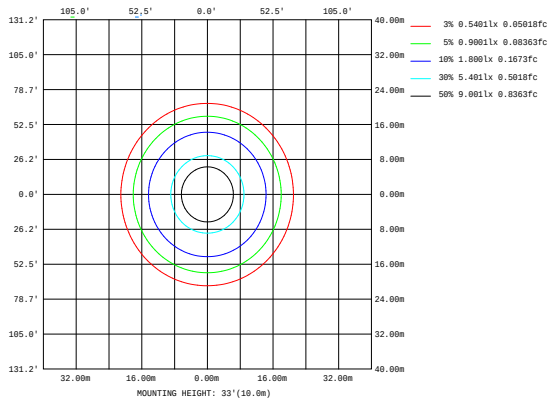
For complete IES files, please visit our website.

LPZS14F20283441W27-5CCT (41W&4000K)

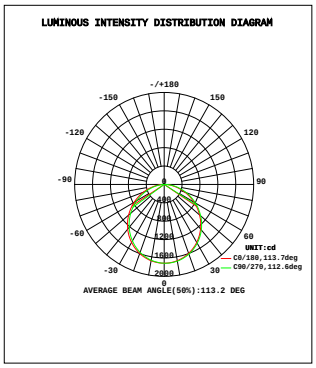


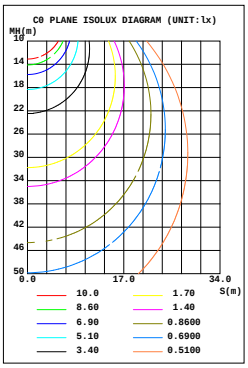


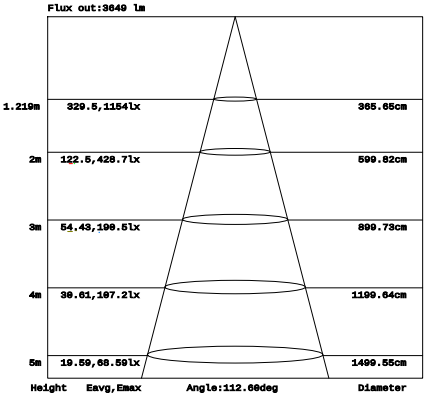


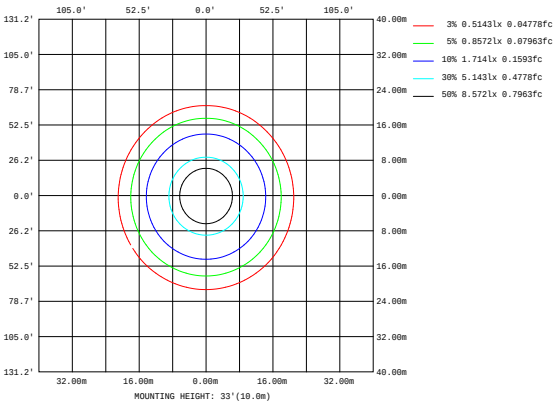


LPZS22F20283441W27-5CCT(41W&4000K)









LPZS24F28344150W27-5CCT(50W&4000K)

