



Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

NWBLP, a high-performance LED panel, employs a distinctive back-lit design for a durable lighting solution, replacing traditional fluorescent or low-end edge-lit panels in offices, hospitals, schools, and more. With switchable CCT, you can easily choose the desired color temperature using fixture-mounted switches. Tailored for diverse indoor applications, it seamlessly integrates with a networked lighting control (NLC) system for enhanced functionality.

FEATURES

- UL Listed
UL 1598 Suitable for damp locations
- IESNA LM79 & LM-80 Testing
Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.
- DLC Qualification
Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products.
- LEDs
Long-life, high-ecacy, surface-mount LEDs
- Housing
Durable cold rolled steel housing provides strength and uniformity. Luminaire is pre-painted to enhanced smooth finish.
- Mounting Methods
 - T-grid lay-in (standard)
 - Surface mount (optional)
 - Drywall recessed flange (optional)
 - Suspended (optional)
- Green Technology
Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

PERFORMANCE DATA

CRI

80+

CCT

3000K, 3500K, 4000K, 5000K

Projected Lifetime

>100,000 Hours (L70)

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-20°C to +45°C Ambient

Warranty

5 year Standard
10 year Optional

ORDERING INFORMATION

NWBLP						
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	B	C	D	E	F	G
A	FIXTURE SERIES					
	NWBLP					
B	WATTAGE/LUMENS 2x2 Ft					
	30	30W/3840 ¹				
	WATTAGE/LUMENS 2x4 Ft					
	50	45W/6400 ¹				
	WATTAGE/LUMENS 1x4 Ft					
	30	30W/3840 ¹				
C	CCT					
	30	3000K				
	35	3500K				
	40	4000K				
	50	5000K				
D	VOLTAGE					
	UNV	120-277V				
E	FINISH					
	WH	White				
F	OPTIONS					
	EM	Emergency				
G	WARRANTY²					
	-	5 Year Warranty				
	10	10 Year Warranty				
	10L	10 Year Warranty including labor				

¹Delivered Lumens (5000K)

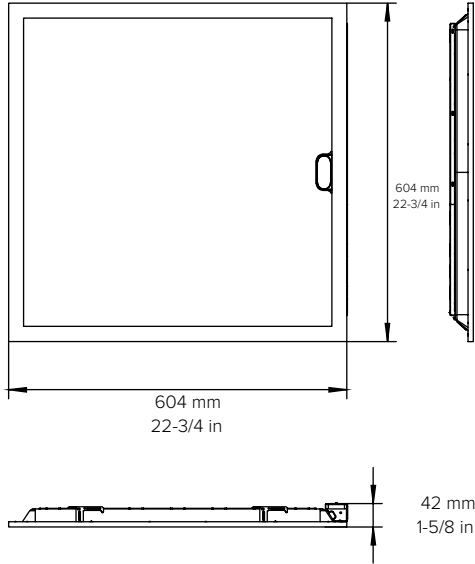
² 5 Year Warranty is Standard unless specified



TECHNICAL SPECIFICATIONS Continued

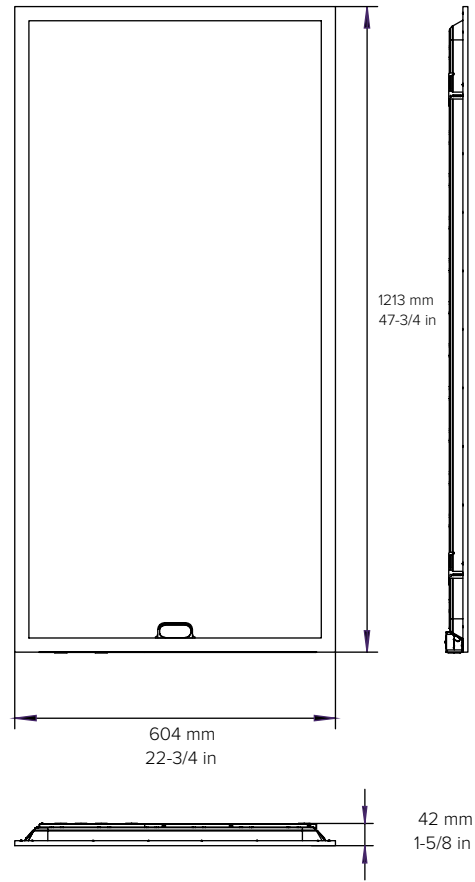
NWBLP - (2x2 Ft)

Weight 5.9 lbs



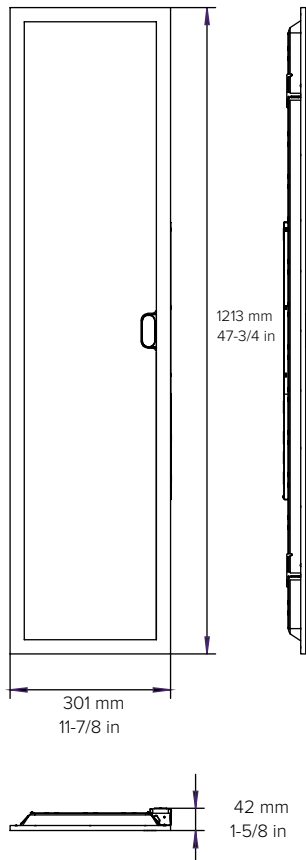
NWBLP - (2x4 Ft)

Weight 9.3 lbs



NWBLP - (1x4 Ft)

Weight 4.5 lbs



FIELD ADJUSTABLE Standard

APP-ADJUSTABLE CCT & LUMEN



**OUTPUT & CCT
FIELD
ADJUSTABLE**

Trim to the desired output lumen by percentage, or select light color temperature by using the smart device APP.

CCT can be adjusted to 3000/3500/4000/5000K, and lumen output (high trim) can be set to as low as 50%.

EMERGENCY BACKUP Optional

EMERGENCY BACKUP (-EM)



**EMERGENCY
BACKUP
OPTION**

NWBLP series emergency backup models works out of the box to save time and cost in the installation. When there is a power outage, the emergency backup driver and battery will power the LEDs of FPNN to an brightness of 1,200 lumen for at least 90 mins.

Note: -EM option will not provide battery backup for FPNN intergrated bluetooth networked components, a RTC device (purchased separately) is recommended per zone if scheduling function is required, otherwise NLC time sync using the smart device APP will be required after each power outage.

CONTROL Standard

Networked Lighting Controls



**NLC
NETWORKED
CONTROL OPTION**

All models of NWBLP are Bluetooth Networked Control (NLC) Enabled.

Network Lighting Controls (NLC) offer Luminaire Level Lighting Control (LLLC) based on Bluetooth-enabled Mesh Networking of Luminaires. Individual addressability enables luminaires to be communicated with each other within the zone/network. Luminaires can be grouped, trim and controlled by using the smart device app or connected wall switches. Scheduling, scene and sensors can be added for automation among the lights within the zone/group.



iOS/Andriod APP will be used to com - missioning or customize settings of the networked controls.



(-WBP) Optional plug-and-play PIR occu - pancy and daylight harvesting sensor.

PERFORMANCE

NWBLP - (2x2 Ft)

30W	3000K Warm	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	3,750	3,780	3,810	3,840
LM/W	125	126	127	128

NWBLP - (2x4 Ft)

50W	3000K Warm	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	6,250	6,300	6,350	6,400
LM/W	125	126	127	128

NWBLP - (1x4 Ft)

30W	3000K Warm	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	3,750	3,780	3,810	3,840
LM/W	125	126	127	128

* Max lumen values are shown for each CCT, can be trimmed to the desired output lumen (by percentage) in the App.

NETWORKED CONTROLS MADE EASY

Keilton Networked Controls, a DLC® Qualified Networked Lighting Controls Product, make it easy for facilities to save energy, improve occupancy comfort and achieve code compliance by adding Luminaire Level Lighting Controls (LLLC) to indoor and outdoor applications. It allows for easy field installation of sensors and network nodes with selected PacLights controls ready fixtures. Using the Keilton app, nodes can be commissioned without the need for a gateway or internet access.

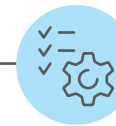
Keilton®



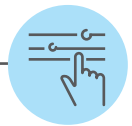
A Cost-Effective Decentralized Architecture
Direct Mobile Device Provisioning
Best-In-Class Scale, Performance & Reliability



INSTALL



COMMISSION




CONTROL

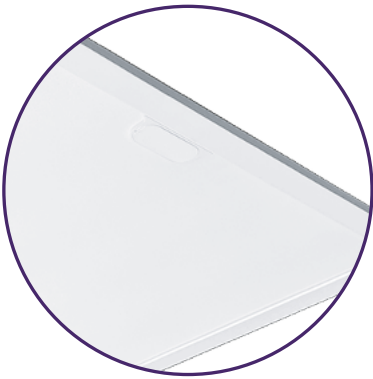


FEATURES

- Luminaire Level Lighting Control (LLLC)
- Bluetooth-enabled Mesh Networking of Luminaires and Devices
- Individual Addressability, address individual or multiple luminaires
- High-end and Low-end Trim
- Zoning & Grouping
 - ◊ Add and control up to 100 devices per zone
 - ◊ Add unlimited zones to scale for bigger installation
 - ◊ Create unlimited groups (combination of sensor or network nodes) within a zone
 - ◊ Link and control the whole group or zone
- Scene control
 - ◊ Create and link scenes to individual lights or groups within a zone
 - ◊ Select scene with App or wall switch
- Time Scheduling for individual lights, groups or scenes
- Sensors integrated with BLE, occupancy and daylight sensing
- Multi-level Dimming, Daylight Harvesting and Occupancy controls
- Manual/Automatic ON/OFF and Automatic partial ON/OFF control capability
- Control via smart device App or wireless wall switch
- Secure commissioning with Keilton App
- Up to 100 ft node-to-node and 50 ft node-to-device
- Other control features to meet code compliance

OPTIONAL SENSOR ADD-ON

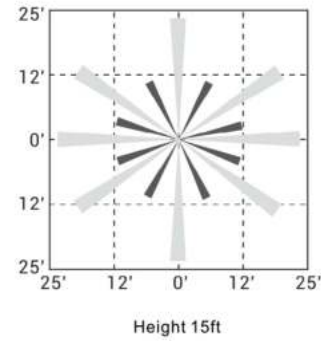
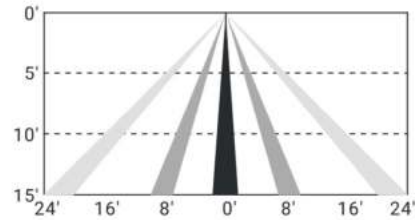
SKU	DESCRIPTION	FUNCTION	OPTION ORDER CODE
KEILTON-IFS108E	 KEILTON IFS108E ECO PIR DLH SENSOR	Enable sensor functionality to a NLC node - PIR occupancy & daylight (harvesting) sensing.	-WBP



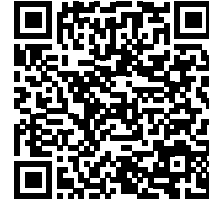
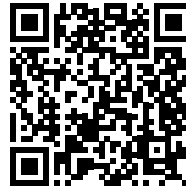
without sensor





with sensor installed




COMMISSION & CONTROL SMART DEVICE APP



NETWORKED WALL SWITCH

SKU	DESCRIPTION	FUNCTION	APPLICATION
KEILTON-WP1025	 <p>KEILTON WP1025 BATTERY 5 BUTTON BLUETOOTH DIMMER SWITCH W/ SCENE CONTROLLER</p>	Switch on/off, dim, or select up to 3 scenes, of an individual light or a group of lights (defined in the commissioning App). Battery powered.	Field installed, ideal for flexible or additional wall switch placement, indoor
KEILTON-WP1017S	 <p>KEILTON WP1017S AC 7 BUTTON BLUETOOTH DIMMER SWITCH W/ SCENE CONTROLLER</p>	Switch on/off, dim, or select up to 4 scenes, of an individual light or a group of lights (defined in the commissioning App). 120-277v AC powered.	Field installed, ideal for retrofitting existing wall switch, neutral wire (AC) is required, indoor

OTHER

SKU	DESCRIPTION	FUNCTION	APPLICATION
KEILTON-CR01	 <p>KEILTON CR01 ENERGY MONITORING USB DONGLE W/ RTC</p>	Records energy consumption of the assigned Zone. Offers real-time-clock (RTC) Sync of the Zone. USB (5v) powered, internal battery for RTC.	Field installed, one per Zone to satisfy energy audit, or to provide off-the-App time/schedule recovery from power-outage of the site.