

EZP and EZPHE Field-Adjustable Panels



2'X2'

1'X4'



2'X4'



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in 3 sizes and adjustable wattages:
EZP2X2: 40/30/25W and EZPHE2X2: 36/30/25W
EZP1X4: 40/30/25W and EZPHE1X4: 36/30/25W
EZP2X4: 50/40/30W and EZPHE2X4: 50/40/30W
- CCT Selectable: 3500/4000/5000K**
- Voltage ratings: **120-277V**
- Battery backup, Lightcloud Blue and, smart control options available
- 0-10V dimming**
- Suitable for **damp locations**
- 5-years, no-compromise warranty

EZP AND EZPHE ultra-low-profile LED panels



0-10V



BATTERY
BACKUP



POWERED BY
LIGHTCLOUD



DAMP
RATED



100,000
HOURS



FIELD
ADJUSTABLE

PERFORMANCE

EZP2X2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	40W			30W			25W		
INPUT WATTS	39.9W	38.7W	40.3W	31.4W	30.5W	31.6W	26.3W	25.7W	26.5W
LUMENS	4,863	5,272	5,044	3,980	4,256	4,136	3,409	3,621	3,549
LM/W	121.9	136.2	125.2	126.8	139.5	130.9	129.6	140.9	133.9
CRI	82	84	83	83	84	83	83	84	83
VOLTAGE RATINGS	120-277V								

EZP1X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	40W			30W			25W		
INPUT WATTS	40.4W	39.1W	40.5W	31W	30.2W	31W	26.3W	25.7W	26.3W
LUMENS	4,448	4,639	4,568	3,521	3,645	3,601	3,013	3,106	3,091
LM/W	110.1	118.7	112.8	113.6	120.7	116.2	114.6	120.9	117.5
CRI	83	84	83	84	85	83	84	85	83
VOLTAGE RATINGS	120-277V								

EZP2X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	50W			40W			30W		
INPUT WATTS	49.6W	47.5W	49.8W	40W	38.5W	40.1W	30.4W	29.5W	30.5W
LUMENS	5,988	6,352	6,160	5,029	5,295	5,182	3,961	4,131	4,092
LM/W	120.7	133.7	123.7	125.7	137.5	129.2	130.3	140	134.2
CRI	83	84	83	83	84	83	83	85	83
VOLTAGE RATINGS	120-277V								

EZP and EZPHE Field-Adjustable Panels



PERFORMANCE

EZPHE2X2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	36W			30W			25W		
INPUT WATTS	35.7W	34.7W	35.7W	29.2W	28.5W	29.3W	24.8W	24.3W	24.8W
LUMENS	4,812	5,014	4,829	4,024	4,155	4,057	3,462	3,562	3,486
LM/W	134.8	144.5	135.3	137.8	145.8	138.5	139.6	146.6	140.6
CRI	82	84	83	82	84	83	82	84	83
VOLTAGE RATINGS	120-277V								

EZPHE1X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	36W			30W			25W		
INPUT WATTS	36.5W	35.4W	36.4W	29.6W	28.8W	29.5W	25.2W	24.6W	25.2W
LUMENS	4,958	5,079	5,071	4,077	4,153	4,162	3,488	3,541	3,572
LM/W	135.8	143.5	139.3	137.7	144.2	141.1	138.4	143.9	141.7
CRI	84	85	84	84	85	84	84	85	84
VOLTAGE RATINGS	120-277V								

EZPHE2X4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	50W			40W			30W		
INPUT WATTS	48.4W	46.4W	48.4W	39.2W	37.8W	39.1W	30.3W	29.4W	30.2W
LUMENS	6,753	6,967	6,786	5,655	5,782	5,678	4,486	4,576	4,515
LM/W	139.5	150.2	140.2	144.3	153	145.2	148.1	155.6	149.5
CRI	82	84	83	82	84	83	82	84	83
VOLTAGE RATINGS	120-277V								

EZP2X2 (W/LCBS & LCBS/MVS)	2700K	3000K	3500K	4000K	5000K	6500K
WATTAGE	40W					
INPUT WATTS	41W	41.3W	41.8W	41.9W	42.1W	42.7W
LUMENS	4,600	4,653	4,755	4,825	4,897	4,981
LM/W	112.2	112.7	113.8	115.2	116.3	116.7
CRI	82	84	85	85	85	83
VOLTAGE RATINGS	120-277V					

EZP1X4 (W/LCBS & LCBS/MVS)	2700K	3000K	3500K	4000K	5000K	6500K
WATTAGE	40W					
INPUT WATTS	42.7W	42.5W	42.2W	41.9W	41.8W	41.7W
LUMENS	4,913	4,909	4,952	4,973	5,002	5,050
LM/W	115.1	115.5	117.3	118.7	119.7	121.1
CRI	83	84	85	85	85	83
VOLTAGE RATINGS	120-277V					

EZP2X4 (W/LCBS & LCBS/MVS)	2700K	3000K	3500K	4000K	5000K	6500K
WATTAGE	50W					
INPUT WATTS	49.7W	49.2W	49W	48.7W	48.1W	47.6W
LUMENS	5,565	5,541	5,600	5,616	5,614	5,613
LM/W	112	112.6	114.3	115.3	116.7	117.9
CRI	83	84	85	86	85	83
VOLTAGE RATINGS	120-277V					

EZP and EZPHE Field-Adjustable Panels



TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for damp locations

IESNA LM-79 & LM-80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements

DLC ID

MODEL#	DLC ID
EZPHE2X2	S-8VMHXZ
EZPHE1X4	S-613T6F
EZPHE2X4	S-2BZ1QL

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC ID:

MODEL#	DLC ID
EZP2X2	S-70LNZS
EZP1X4	S-CN5JZS
EZP2X4	S-4LR47P

CONSTRUCTION

Cold Weather Starting Temperature

Minimum starting temperature is -30°C (-22°F)

Cold Weather Starting Temperature w/Battery Backup

Minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature

Suitable for use in up to 40°C (104°F)

Maximum Ambient Temperature w/Battery Backup

Suitable for use in up to 40°C (104°F)

Mounting

Surface, suspended & recessed mounting. The mounting accessories sold separately.

Lens

Polystyrene (PS)

Housing

Aluminum + Iron

Reflector

TPET reflective paper

Installation

Standard integral T-bar clips secure the fixture to T-bars and prevent T-system separation

Finish

Formulated for high durability and long-lasting color

Green Technology

Mercury and UV free. RoHS-compliant components.

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specification for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

FACTORY SETTINGS

Selectable Wattages:

EZP2X2: 40/30/25W (40W default)

EZP1X4: 40/30/25W (40W default)

EZP2X4: 50/40/30W (50W default)

EZPHE2X2: 36/30/25W (36W default)

EZPHE1X4: 36/30/25W (36W default)

EZPHE2X4: 50/40/30W (50W default)

Selectable CCT:

3500/4000/5000K (4000K default)

ELECTRICAL

Drivers :

Class 2, Constant Current, 120-277V, 50/60Hz

EZP2X2 / EZP1X4:

36W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A

EZP2X4:

50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

EZPHE2X2 / EZPHE1X4:

36W: 120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A

30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

25W: 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A

EZPHE2X4:

50W: 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

40W: 120V: 0.33A, 208V: 0.19A, 240V: 0.17A, 277V: 0.14A

30W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A

THD: (Default)

EZP2X2: 12.2% at 120V, 15.1% at 277V

EZP1X4: 11.7% at 120V, 15.1% at 277V

EZP2X4: 10.9% at 120V, 12.3% at 277V

EZPHE2X2: 11.1% at 120V, 9.6% at 277V

EZPHE1X4: 11.6% at 120V, 10.4% at 277V

EZPHE2X4: 10.9% at 120V, 12.7% at 277V

Power Factor: (Default)

EZP2X2: 99.3% at 120V, 97.4% at 277V

EZP1X4: 99.3% at 120V, 97.4% at 277V

EZP2X4: 99.3% at 120V, 96.9% at 277V

EZPHE2X2: 99.3% at 120V, 96.3% at 277V

EZPHE1X4: 99.2% at 120V, 96.4% at 277V

EZPHE2X4: 99.4% at 120V, 97.1% at 277V

TECHNICAL SPECIFICATIONS

ELECTRICAL (CONTINUED)

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power falls. Wired for 120-277V.

Light Loss Factor (LLF):

MODEL#	CCT	WATTS	LUMEN	BATTERY BACKUP LUMENS	LLF
EZP2X2/E	4000K	25	2989	1596	53.40%
		35	3462		46.10%
		40	4400		36.27%
EZP1X4/E	4000K	25	3069	1579	51.45%
		35	3588		44.01%
		40	4656		33.91%
EZP2X4/E	4000K	30	3572	1565	43.81%
		40	4591		34.09%
		50	5576		28.07%
EZP2X2HE/E	4000K	25	2990	1606	53.71%
		30	3454		46.50%
		36	4402		36.48%
EZP1X4HE/E	4000K	25	3392	1741	51.33%
		30	3986		43.68%
		36	4816		36.15%
EZP2X4HE/E	4000K	30	4131	1814	43.91%
		40	5249		34.56%
		50	6296		28.81%

Surge Protection:

2 kV + 4 kV

WIRELESS NETWORK LIGHTING CONTROLLER

Lightcloud Blue

Lightcloud Blue (LCB) is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com

MICROWAVE OCCUPANCY SENSOR (OPTIONAL)

Sensor Type: Microwave (MVS) / Passive Infrared (PIR)

Sensor Mounting: Externally mounted to fixture using Right Angle Arm Support (RAAS).

Integrated Sensor Model Number(s): /MVS uses MVS50+RAAS; /LCBS uses PIR40/LCB + RAAS.

Input Voltage: 12VDC

Operating Frequency: 50/60Hz

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: 40 ft. (PIR); 50 ft. (MVS)

Detection Range: PIR: 40 ft diameter mounted at 40 ft.; MVS: 50 ft diameter mounted at 50

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered: 100%

Hold time: 20 minutes

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Daylight: Disabled

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can

be adjusted using the mobile app. All other sensors will require MSRI

Remote (sold separately) to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

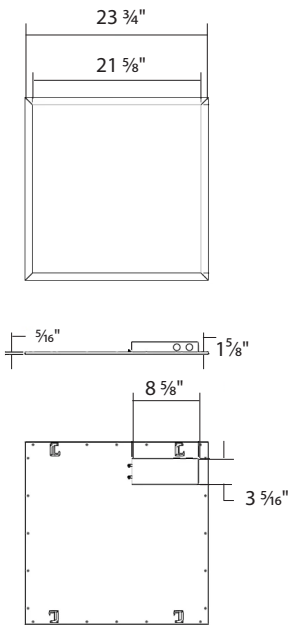
EZP and EZPHE Field-Adjustable Panels



DIMENSIONS

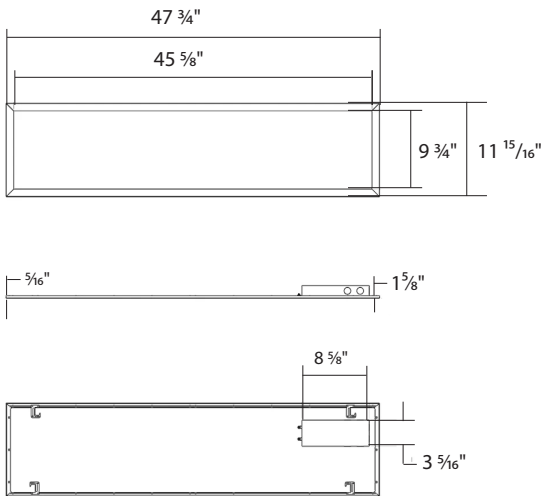
EZP2X2 / EZPHE2X2

Weight: 7.1 lbs



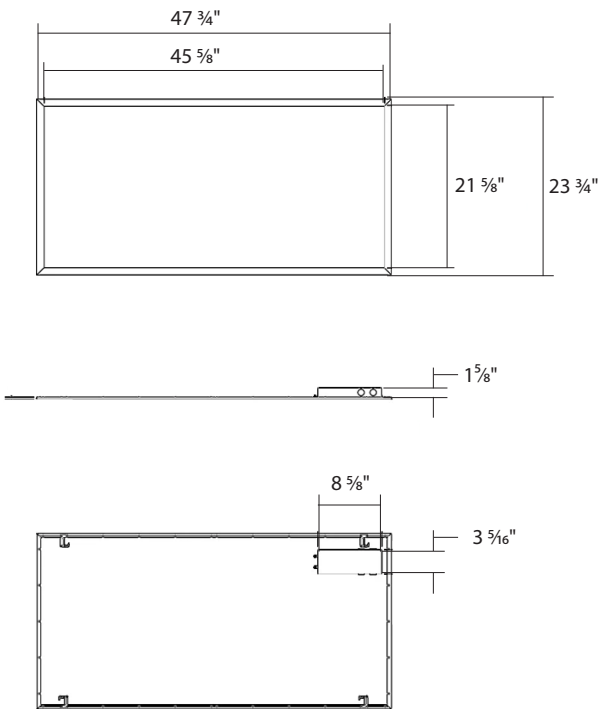
EZP1X4 / EZPHE1X4

Weight: 7.1 lbs



EZP2X4 / EZPHE2X4

Weight: 13.4 lbs



EZP and EZPHE Field-Adjustable Panels



ACCESSORIES

IMAGE	CATALOG#	UPC	DESCRIPTION
	PMKEZPAN2X2	019813598192	EZPAN 2X2 PENDANT MOUNTING KIT WHITE
	PMKEZPAN1X4	019813598185	EZPAN 1X4 PENDANT MOUNTING KIT WHITE
	PMKEZPAN2X4	019813598208	EZPAN 2X4 PENDANT MOUNTING KIT WHITE
	RMKPANEL2X2	019813104966	LPANEL 2X2 RECESSED MOUNTING KIT WHITE
	RMKPANEL1X4	019813104997	LPANEL 1X4 RECESSED MOUNTING KIT WHITE
	RMKPANEL2X4	019813104980	LPANEL 2X4 RECESSED MOUNTING KIT WHITE
	SMKEZPAN2X2	019813598161	EZPAN 2X2 SURFACE MOUNTING KIT WHITE
	SMKEZPAN1X4	019813598154	EZPAN 1X4 SURFACE MOUNTING KIT WHITE
	SMKEZPAN2X4	019813598178	EZPAN 2X4 SURFACE MOUNTING KIT WHITE

ORDERING MATRIX

EZP

Family	Size / Wattage	Color Temperature	Driver	Controls	Battery Backup
EZP					
	2x2 2'X2' / 40/30/25W 1x4 1'X4' / 40/30/25W 2x4 2'X2' / 50/40/30W	BLANK 3500/4000/5000K Tunable White 2700-6500K*	BLANK 120-277V, 0-10V Dimming	BLANK /LCBS /LCBS/MVS None Lightcloud Blue with PIR Sensor Lightcloud Blue with MVS Sensor	BLANK /E None Battery Backup

EZP

Family	Size / Wattage	Color Temperature	Output	Driver	Controls	Battery Backup
EZP			HE			
	2x2 2'X2' / 36/30/25W 1x4 1'X4' / 36/30/25W 2x4 2'X2' / 50/40/30W	BLANK 3500/4000/5000K CCT Adjustable	HE High Efficacy	BLANK 120-277V, 0-10V Dimming	BLANK None	BLANK /E None Battery Backup

*Tunable White for /LCBS & /LCBS/MVS Modules