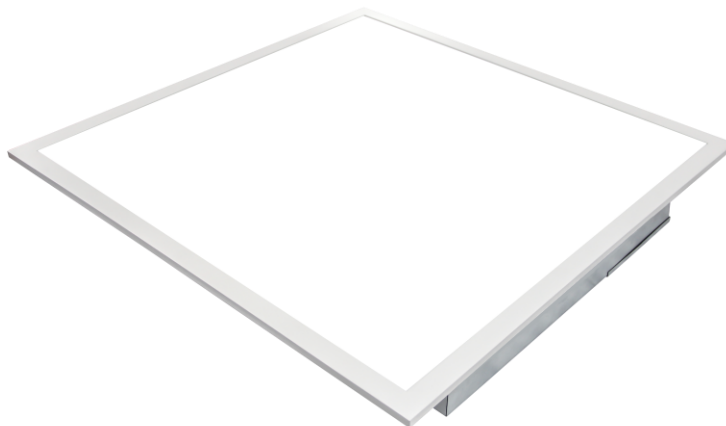


BACK LIT PANEL



OVERVIEW	
Luminous Efficacy	2500-8750lm
Wattage Range	20W-70W
Efficacy (LPW)	125lm/W
Size	2X2, 1X4, 2X4

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- The embedded design in sizes of 2x2 feet, 1X4 feet, and 2x4 feet can quickly snap into the ceiling grid for quick installation.
- Plug-and-play electrical connection for direct linkage to ceiling wiring, ensuring instant operation and simplified setup.

Optical System.

- Beam angle 120°
- Minimum CRI of 80.
- 3500K, 4000K, 5000K, 5700K 6500K for Option.

Electrical

- Built-in Class High Power Factor driver
- Universal Voltage (120-277 VAC) Input 50/60 Hz.
- Operating temperature: -20°C ~ +40°C
- The panel light has uniform and soft luminance, high luminous efficacy, saving energy and protecting environment

- Using principle of back-lit, the panel light is extremely beautiful.
- Power factor: >0.9
- Using high quality material, with great heat dissipation and low light degradation.
- 0-10V dimming function dimming driver.

Controls

- CCT
- Power

Installation

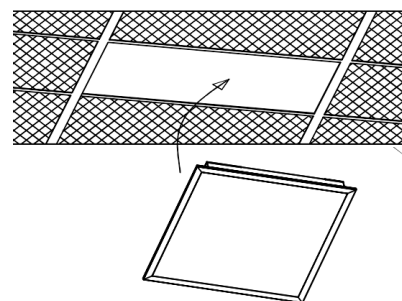
- Mounting method: Recessed.

Warranty

- 5 years warranty

Listings

- All the sizes have passed ETL and cETL.



Replace existing lighting fixture from ceiling

BACK LIT PANEL

ITEM NO.	NOMINAL SIZES	WATTAGE	LUMEN/W	TOTAL LUMENS (2 sides)	Input Amps at 120V	Input Amps at 277V
BRT-BL22-V2-40-5CCT-DM-UNV	2x2	20W/30W/40W	125lm/W	5000lm	0.367	0.159
BRT-BL22-V2-	2x2	20W/25W/30W/35W/40W	125lm/W	5000lm	0.367	0.159
BRT-BL14-V2-40-5CCT-DM-UNV	1x4	20W/25W/30W/35W/40W	125lm/W	5000lm	0.367	0.159
BRT-BL24-V2-70-5CCT-DM-UNV	2x4	50W/60W/70W	125lm/W	8750lm	0.642	0.278
BRT-BL24-V2-	2x4	30W/40W/50W/60W/72W	125lm/W	8750lm	0.642	0.278

PHOTOMETRICS

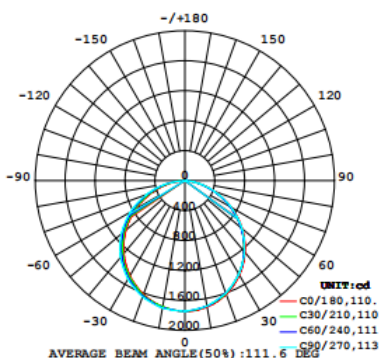
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

BACK LIT PANEL 40W

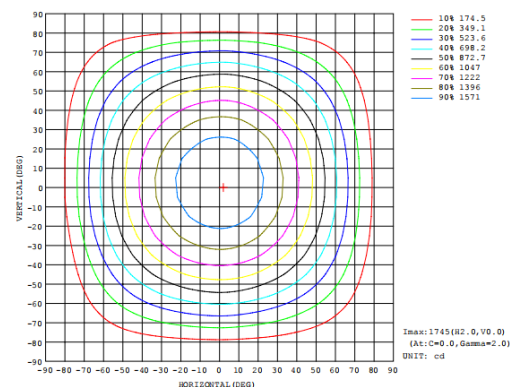
Degree distribution	
Description	3500K
Delivered Lumens	4880.4lm
Watts	38.5W
Efficacy	126.8lm/W
CRI	80
IES Type	/

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	1349	27.6%
Medium (30-60)°	2545	52.2%
High (60-80)°	927	19%
Very High (80-90)°	59.05	1.2%
Total Flux	4880.4	100%

Luminous Intensity Distribution Curve



ISOCANDELA DIAGRAM

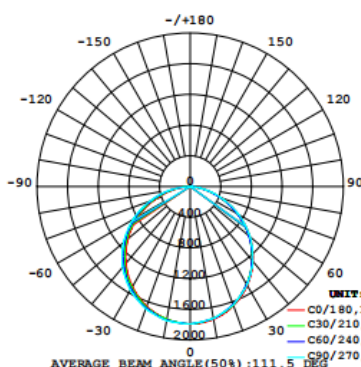


BACK LIT PANEL 40W

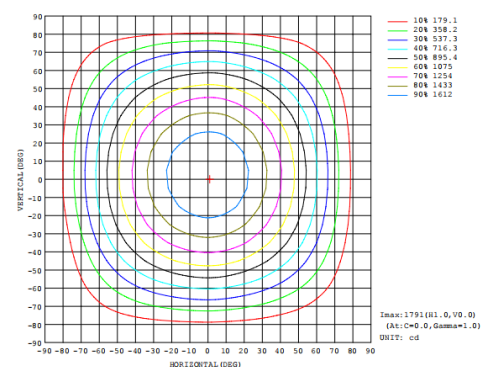
Degree distribution	
Description	6500K
Delivered Lumens	5000.5 lm
Watts	38.8W
Efficacy	128.9lm/W
CRI	80
IES Type	/

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	1384	27.7%
Medium (30-60)°	2607	52.1%
High (60-80)°	949	19%
Very High (80-90)°	60.34	1.2%
Total Flux	5000.5	100%

Luminous Intensity Distribution Curve



ISOCANDELA DIAGRAM



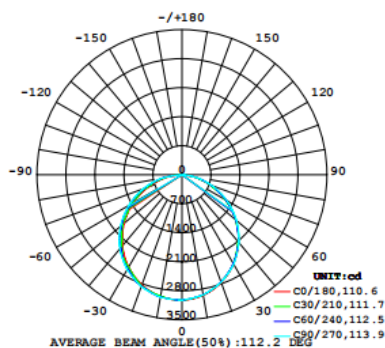
BACK LIT PANEL

BACK LIT PANEL 70W

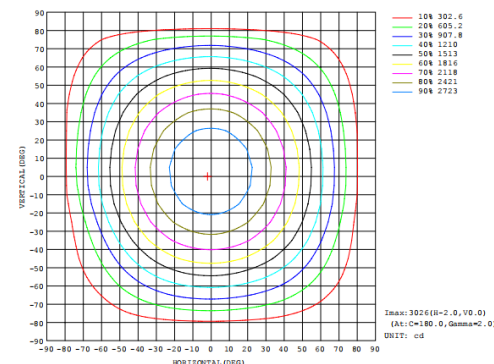
Degree distribution	
Description	3500K
Delivered Lumens	8548.2 lm
Watts	67.8W
Efficacy	126.1lm/W
CRI	80
IES Type	/

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	2338	27.3%
Medium (30-60)°	4418	52.49%
High (60-80)°	1667	18.71%
Very High (80-90)°	125.1	1.5%
Total Flux	8548.2	100%

Luminous Intensity Distribution Curve



ISOCANDELA DIAGRAM

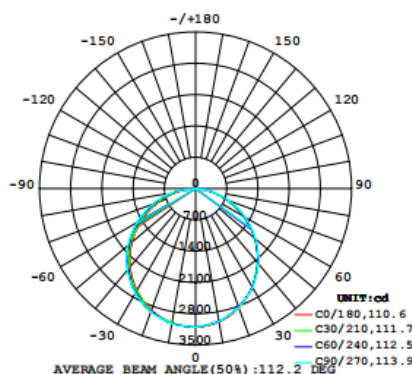


BACK LIT PANEL 70W

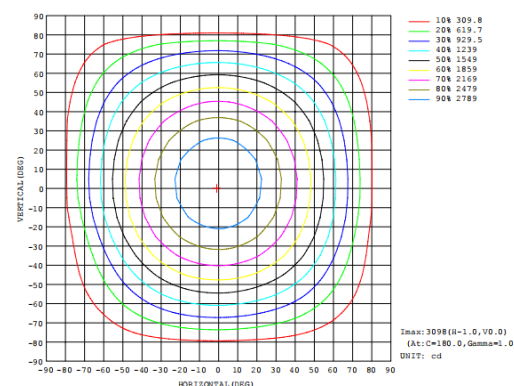
Degree distribution	
Description	6500K
Delivered Lumens	8754 lm
Watts	67.43W
Efficacy	129.82lm/W
CRI	80
IES Type	/

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	2393	27.3%
Medium (30-60)°	4523	52.49%
High (60-80)°	1709	18.71%
Very High (80-90)°	128.5	1.5%
Total Flux	8754	100%

Luminous Intensity Distribution Curve



ISOCANDELA DIAGRAM



Accessories

Accessories	Order Number
Emergency battery	EM

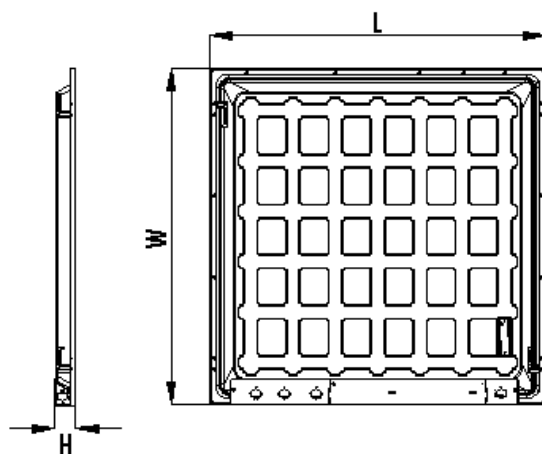
Emergency battery



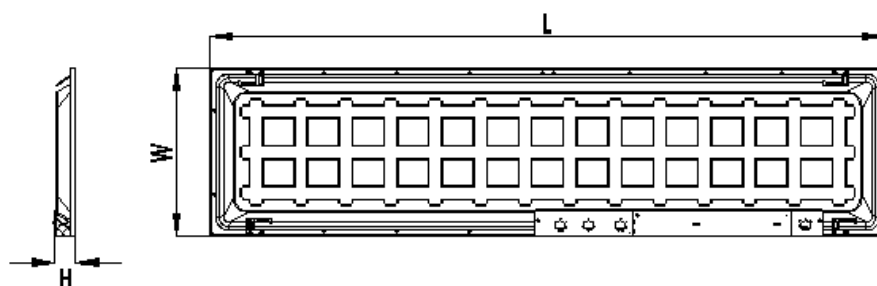
PHYSICAL INFORMATION

BACK LIT PANEL

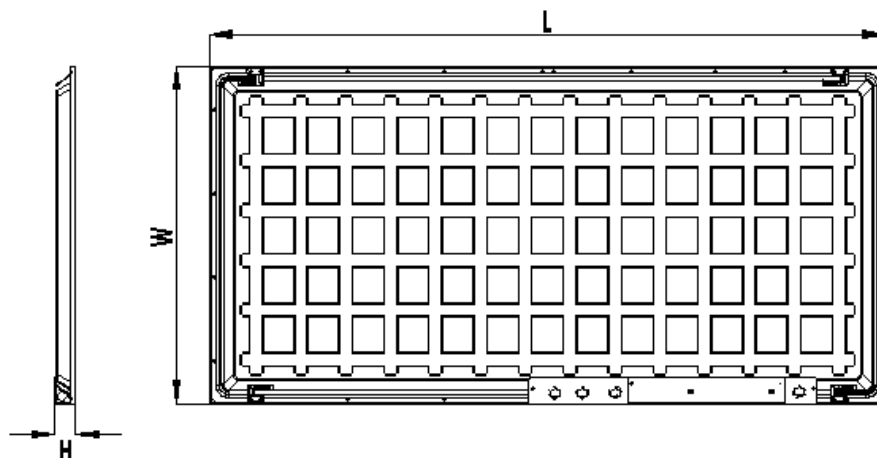
BL22



BL14



BL24

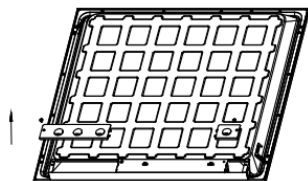


ITEM NO.	L	W	H
BRT-BL22-V2-40-5CCT-DM-UNV	23.74"	23.74"	1.48"
BRT-BL14-V2-40-5CCT-DM-UNV	47.72"	11.85"	1.48"
BRT-BL24-V2-70-5CCT-DM-UNV	47.72"	23.74"	1.48"

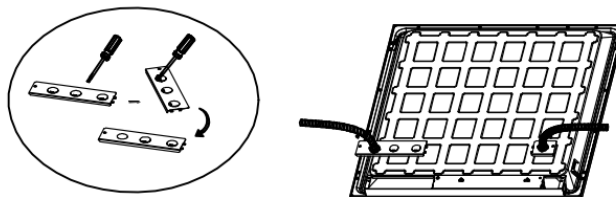
ELECTRIAL CONNECTION

BACK LIT PANEL

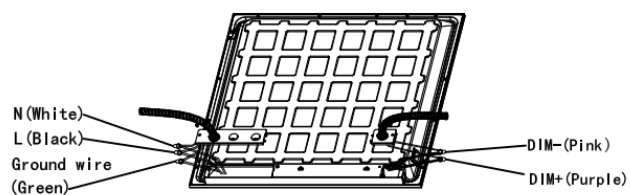
1. Unscrew the driver cover.



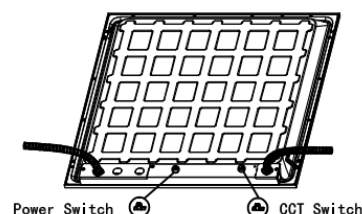
2. Connect the conduit to the driver box.



3. Connect other wires separately.



4. Put back the driver cover and fix it by screw.
Select adjustable power and color temperature.



PACKAGE

Sizes	Items	Box Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
BRT-BL22-V2-40- 5CCT-DM-UNV	Outer box	25.11"*6.37"*25.39"	4 PC	16.7 lbs	19.6 lbs
BRT-BL14-V2-40- 5CCT-DM-UNV	Outer box	49.09"*6.37"*13.46"	4 PC	17.6lbs	21.4 lbs
BRT-BL24-V2-70- 5CCT-DM-UNV	Outer box	49.09"*6.37"*25.39"	4 PC	32.4lbs	39.2 lbs