DIMI LIGHT
Your Reliable & One-Stop Lighting Supplier

BACK-LIT PANEL RETROFIT KIT

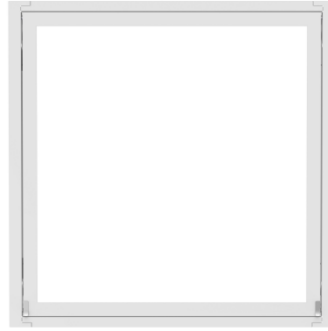## Wattage & CCT Adjustable

■ ADVANTAGE

- Wattage switchable :
  20W/25W/30W/35W/40W   (1x4ft, 2x2ft)
  25W/30W/35W/40W/50W   (2x4ft)
- CCT switchable: 3500K/4000K/5000K
- 0-10v dimmable
- PF > 0.90 , CRI > 80 , THD<20%
- Input voltage: AC120-277V 50/60Hz
- Lumen : 130 Lm/W
- Application: office,schools,hospital,library etc

Dimmable | CRI>80 PF>0.9 | DLC PREMIUM | cETLus Intertek 5005344 | 5 year warranty | Energy Saving 70%

■ DETAILS

Features

- Solid structure, frame in ultra-lightweight aluminum.
- Non-yellowing lens.
- Wattage and CCT switchable through dip-switches.
- High-quality LEDs, provide bright and uniform lighting.
- Compatible with standard 0-10V dimmer.

Applications

- Schools and universities
- Offices and municipal buildings
- Healthcare facilities and hospitals

Certifications

- DLC 5.1 premium.
- Comply with the requirements of the Standard(s) for luminaires (CAN/CSA-C22.2 No. 250.0) and are identified with the cETL Listed Mark.
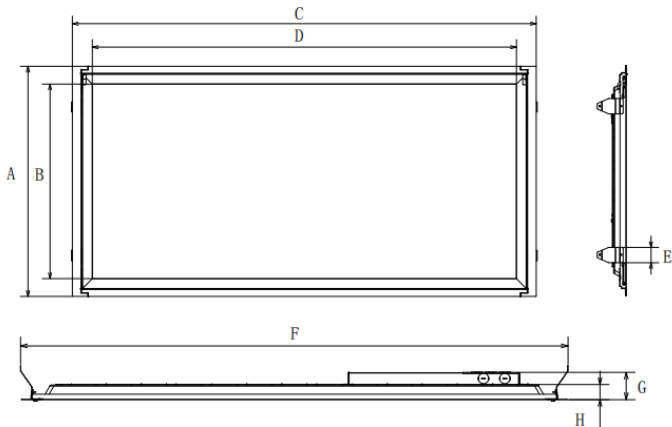
Accessories

- Emergency battery , motion sensor, for you to choose.

Warranty

- All products from DIMI LIGHT are guaranteed with 5 years' warranty.
- See Warranty policy from DIMI LIGHT for additional information.

■ DIMENSIONS

SIZE	A	B	C	D	E	F	G	H
1x4ft	11.9"	8.27"	47.7"	43.6"	1.57"	47.8"	2.40"	1.33"
2x2ft	23.7"	20.0"	23.7"	19.6"	1.57"	23.9"	2.40"	1.33"
2x4ft	23.7"	20.0"	47.7"	43.6"	1.57"	47.8"	2.40"	1.33"

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BACK-LIT PANEL RETROFIT KIT

SPECIFICATION

	MODEL	SIZE	WATT	CCT	LUMEN	EFFICACY
☐	DM-RTBP145W-ZZ	1x4ft	20/25/30/35/40W switchable	3500K/4000K/5000K switchable	2600Lm-5200Lm	130Lm/W
☐	DM-RTBP225W-ZZ	2x2ft	20/25/30/35/40W switchable	3500K/4000K/5000K switchable	2600Lm-5200Lm	130Lm/W
☐	DM-RTBP245W-ZZ	2x4ft	25/30/35/40/50W switchable	3500K/4000K/5000K switchable	3250Lm-6500Lm	130Lm/W

ACCESSORIES

☐ Emergency Battery   ☐ Motion Sensor

Emergency battery

- UL listed approved
- Output current and voltage: 420-800mA 25V 48V
- Charging time: 24 hours
- Emergency power: 8W
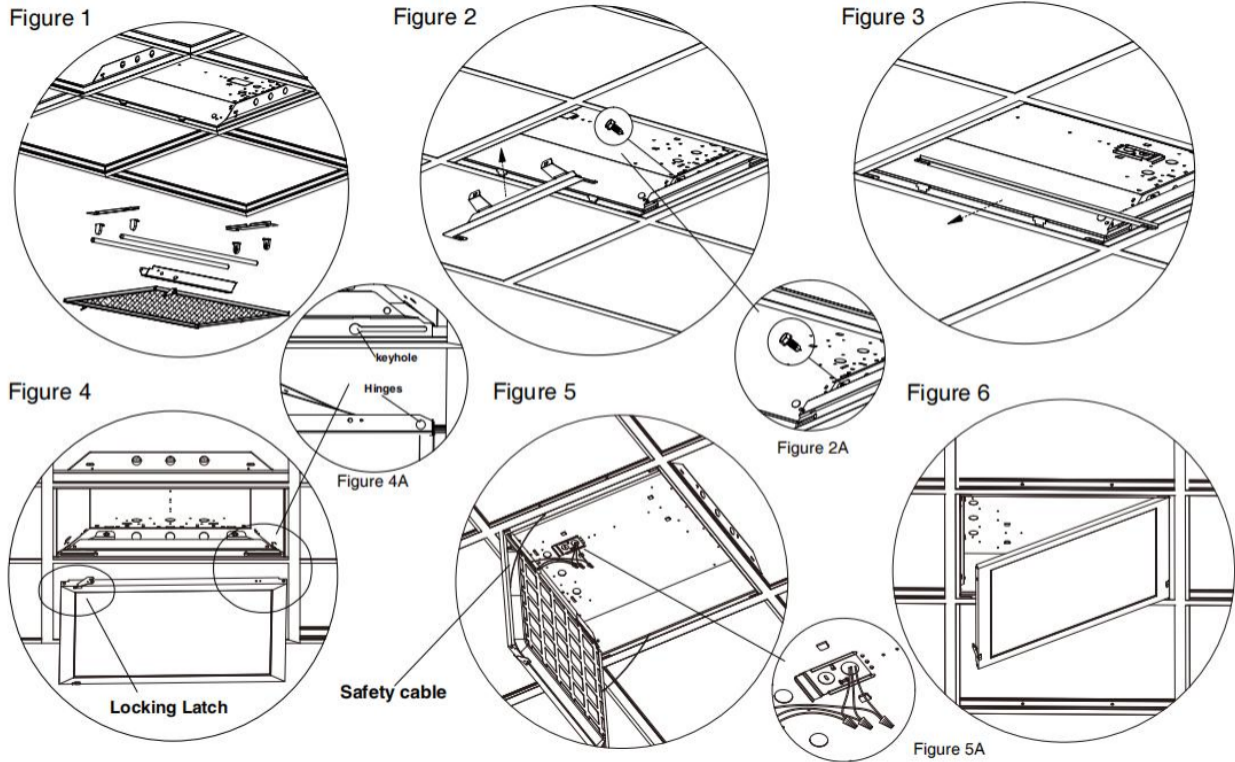- Illumination time: 90 minutes
- Slim design,easy to install

Retrofit installation kits
- Standard accessory
- High quality solid material

PACKING INFO

SIZE	2PCS/CARTON			CONTAINER		
	DIMENSION(INCH)	N.W(LBS)	G.W(LBS)	20'GP(PCS)	40'GP(PCS)	40HQ(PCS)
1x4ft	48.62"x13.00"x3.15"	14.33	16.09	1716	3558	4170
2x2ft	24.80"x24.80"x3.15"	14.33	16.09	1736	3596	4216
2x4ft	48.62"x24.80"x3.15"	26.46	18.00	898	1862	2184

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■ PACKING INFO

Figure 1

Figure 2

Figure 3

Figure 4

keyhole
Hinges
Figure 4A

Figure 5

Figure 2A

Figure 6

Locking Latch

Safety cable

Figure 5A

Step 1: Prior to installation, disconnect all incoming power to fixture. Remove existing hardware (lens/lens frame, parabolic louver, reflectors/ballast covers, brackets, lamps/amp holders).Leave supply and grounding leads.(Fig.1

   NOTE: Follow all federal and local regulations when disposing of lamps and removed components.

Step 2: Install LED panel end brackets to each end of the existing fixture by gently lifting it and placing LED panel end brackets between the fixture and T-grid.(Fig.2)

Step 3: If you are not pleased with the gap between the fixture and T-grid, you may install LED panel side brackets between the fixture and T-grid, there are two tabs to allow for placing the side brackets into the slot of end brackets. (Fig.3)

Step 4: Secure the LED panel brackets to the existing fixture using the provided #8x1/2" self-drilling screws. (Fig.2A

Step 5: Locate the door assembly body onto the keyholes of end brackets, and then slide the door assembly body horizontally to the end of slots. (Fig.4)

Step 6: Hook the safety cables into the holes positioned the end brackets.Use the provided wire caps to connect the wire leads of the troffer kits to the main power leads.(Black-Live, White-Neutral, Green-Grounding) (Fig.5 &Fig.5A)

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■ PHOTOMETRIC DATA

DM-RTBP145W-ZZ

Watt	39.4 W
PF	0.946
CRI	84
R9	11
Flux	5652 Lm
Efficacy (AC)	143.4 Lm/W
Minimum CCT	3000K
Maximum CCT	5000K
Voltage Range	120–277 V
Operating Temperature	30℃ to 130℃

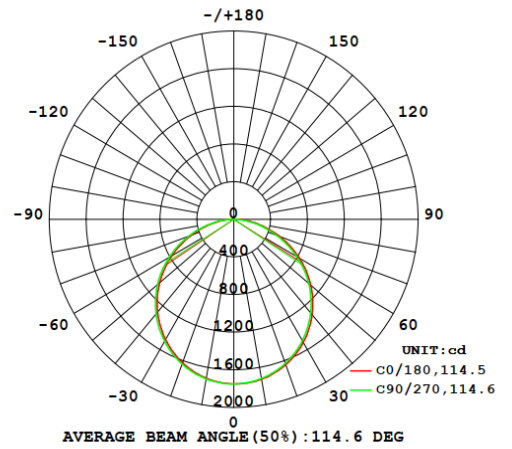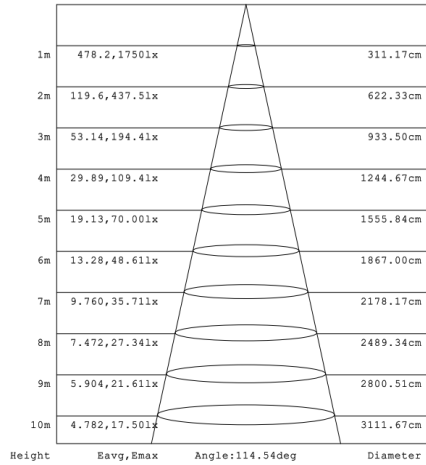| Height	Eavg,Emax		Diameter
1m	469.9,17231lx		309.27cm
2m	117.5,430.81x		618.53cm
3m	52.21,191.51x		927.80cm
4m	29.37,107.71x		1237.07cm
5m	18.80,68.931x		1546.33cm
6m	13.05,47.871x		1855.60cm
7m	9.589,35.171x		2164.87cm
8m	7.342,26.931x		2474.13cm
9m	5.801,21.271x		2783.40cm
10m	4.699,17.231x		3092.66cm

Angle:114.22deg

UNIT:cd
C0/180,114.9
C90/270,114.4
AVERAGE BEAM ANGLE(50%):114.6 DEG
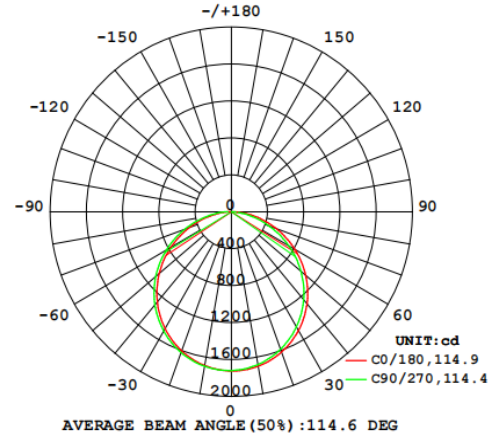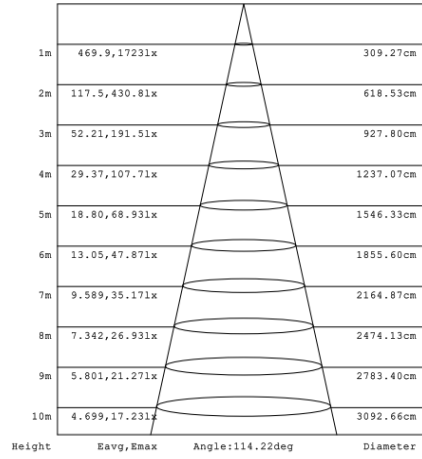
DM-RTBP225W-ZZ

Watt	39.7 W
PF	0.91
CRI	84
R9	11
Flux	5704 Lm
Efficacy (AC)	143.8 Lm/W
Minimum CCT	3000K
Maximum CCT	5000K
Voltage Range	120–277 V
Operating Temperature	30℃ to 130℃

Height	Eavg,Emax		Diameter
1m	478.2,17501x		311.17cm
2m	119.6,437.51x		622.33cm
3m	53.14,194.41x		933.50cm
4m	29.89,109.41x		1244.67cm
5m	19.13,70.001x		1555.84cm
6m	13.28,48.611x		1867.00cm
7m	9.760,35.711x		2178.17cm
8m	7.472,27.341x		2489.34cm
9m	5.904,21.611x		2800.51cm
10m	4.782,17.501x		3111.67cm

Angle:114.54deg

UNIT:cd
C0/180,114.5
C90/270,114.6
AVERAGE BEAM ANGLE(50%):114.6 DEG

DM-RTBP245W-ZZ

Watt	49.4 W
PF	0.944
CRI	84
R9	11
Flux	7132 lm
Efficacy (AC)	144.3 Lm/W
Minimum CCT	3000K
Maximum CCT	5000K
Voltage Range	120–277 V
Operating Temperature	30℃ to 130℃

Height	Eavg,Emax		Diameter
1m	583.8,21331lx		311.68cm
2m	145.9,533.11x		623.36cm
3m	64.87,237.01x		935.03cm
4m	36.49,133.31x		1246.71cm
5m	23.35,85.301x		1558.39cm
6m	16.22,59.241x		1870.07cm
7m	11.91,43.521x		2181.75cm
8m	9.122,33.321x		2493.42cm
9m	7.207,26.331x		2805.10cm
10m	5.838,21.331x		3116.78cm

Angle:114.62deg

UNIT:cd
C0/180,115.5
C90/270,114.8
AVERAGE BEAM ANGLE(50%):115.2 DEG

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