



GREENT'EK
ENERGY SYSTEMS

LED Panel Light



FEATURES

INTENDED USE:

The LED Backlit Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space.

APPLICATION:

Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, and healthcare facilities. Fixture may be recessed, suspended, surface mounted or mounted in a hard-ceiling.

CONSTRUCTION:

Built to last with an aluminum alloy frame for strength and durability, the seamless frame prevents light leak in the corners. The satin white lens provides excellent shielding and fully luminous appearance.

ELECTRICAL:

Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life.

LISTINGS:

DLC, ETL listed.



APPLICATIONS

01



OPEN-PLAN OFFICES

02



PRIVATE OFFICES

03



MEETING ROOMS

04



RECEPTION AREAS & CORRIDORS

01



CLASSROOMS

02



LABORATORIES

03



LIBRARIES

04



CAFETERIAS

BASIC DATA

1 x 4

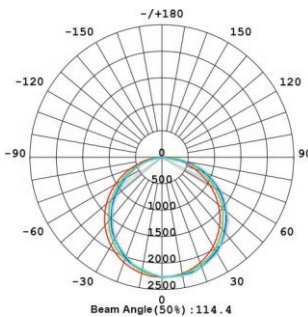
Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(lm)	Standard Version (Lm/W)	Premium Version (Lm/W)
GT-TBP14-20W DXYYZZ	10/15/20	1ft x 4ft	3500/4000/5000K	2,200/2,500	≥110	≥125
GT-TBP14-30W DXYYZZ	20/25/30	1ft x 4ft	3500/4000/5000K	3,300/3,750	≥110	≥125
GT-TBP14-40W DXYYZZ	20/30/40	1ft x 4ft	3500/4000/5000K	4,400/5,000	≥110	≥125

PHOTOMETRIC DATA

Rated Power	20-40W	Beam Angle	110°
Input Voltage	100-277/120-347VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

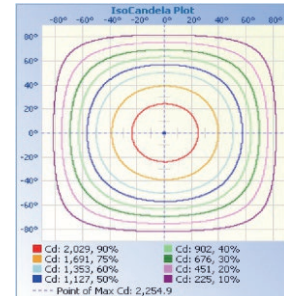


PHOTOMETRIC DIAGRAM



	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	7.80 fc	52.3 ft 52.6 ft
34.0ft	1.95 fc	104.5 ft 105.1 ft
51.0ft	0.87 fc	156.8 ft 157.7 ft
68.0ft	0.49 fc	209.1 ft 210.3 ft
85.0ft	0.31 fc	261.3 ft 262.8 ft
102.0ft	0.22 fc	313.6 ft 315.4 ft

■ Vert. Spread: 113.9°
■ Horiz. Spread: 114.2°



BASIC DATA

2 x 2

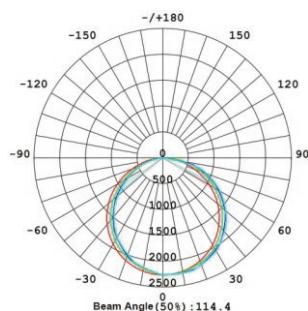
Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(lm)	Standard Version (Lm/W)	Premium Version (Lm/W)
GT-TBP22-20W DXYYZZ	10/15/20	2ft x 2ft	3500/4000/5000K	2,200/2,500	≥110	≥125
GT-TBP22-30W DXYYZZ	20/25/30	2ft x 2ft	3500/4000/5000K	3,300/3,750	≥110	≥125
GT-TBP22-40W DXYYZZ	20/30/40	2ft x 2ft	3500/4000/5000K	4,400/5,000	≥110	≥125

PHOTOMETRIC DATA

Rated Power	20-40W	Beam Angle	110°
Input Voltage	100-277/120-347VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

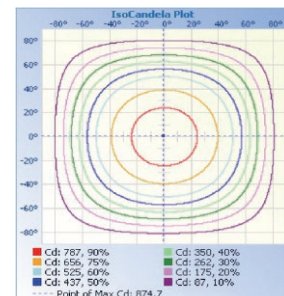


PHOTOMETRIC DIAGRAM



	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	7.80 fc	52.3 ft 52.6 ft
34.0ft	1.95 fc	104.5 ft 105.1 ft
51.0ft	0.87 fc	156.8 ft 157.7 ft
68.0ft	0.49 fc	209.1 ft 210.3 ft
85.0ft	0.31 fc	261.3 ft 262.8 ft
102.0ft	0.22 fc	313.6 ft 315.4 ft

■ Vert. Spread: 113.9°
■ Horiz. Spread: 114.2°



BASIC DATA

2 x 4



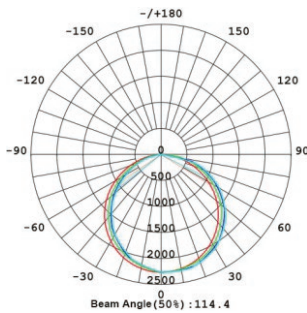
Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(lm)	Standard Version (Lm/W)	Premium Version (Lm/W)
GT-TBP24-40W DXYYZZ	20/30/40	2ft x 4ft	3500/4000/5000K	4,400/5,000	≥110	≥125
GT-TBP24-50W DXYYZZ	30/40/50	2ft x 4ft	3500/4000/5000K	5,500/6,250	≥110	≥125

PHOTOMETRIC DATA

Rated Power	40/50/60W	Beam Angle	110°
Input Voltage	100-277/120-347VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

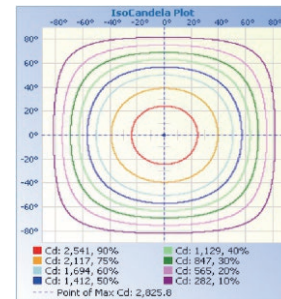


PHOTOMETRIC DIAGRAM



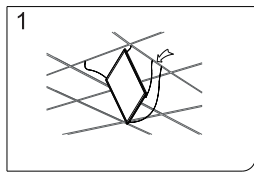
	Center Beam fc	Beam Width	
17.0ft	9.77 fc	52.3 ft	52.4 ft
34.0ft	2.44 fc	104.6 ft	104.9 ft
51.0ft	1.09 fc	156.8 ft	157.3 ft
68.0ft	0.61 fc	209.1 ft	209.7 ft
85.0ft	0.39 fc	261.4 ft	262.1 ft
102.0ft	0.27 fc	313.7 ft	314.6 ft

■ Vert. Spread: 113.9°
■ Horiz. Spread: 114.1°

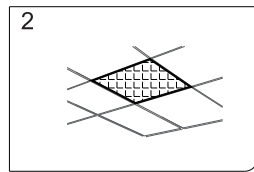


MOUNTING OPTION

Recessed Mount

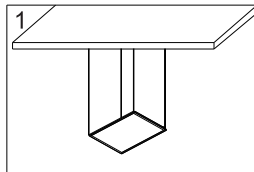


1. Safety wire design available.

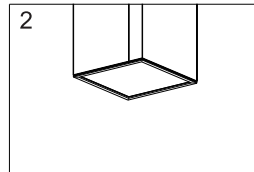


2. Perfectly to replace traditional fluorescent troffer.

Pendant Mount

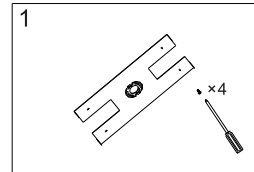


1. Wire pendant installation.

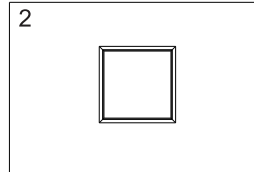


2. Conveniently to adjust the luminaire's height

Surface Mount



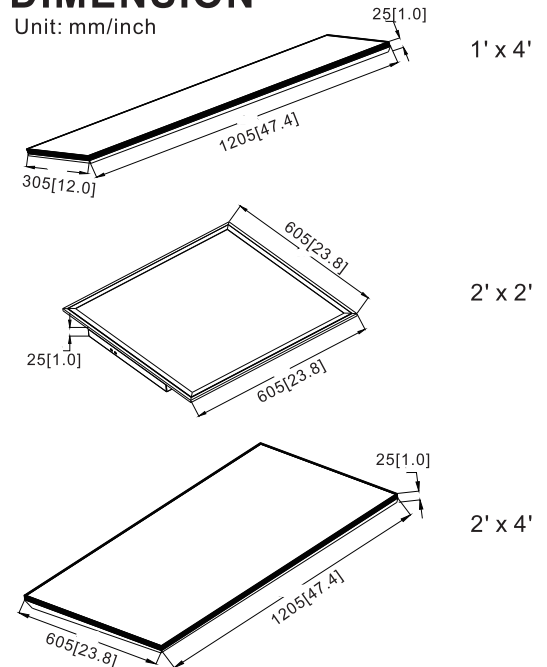
1. Tighten the installation bracket on the ceiling board



2. Easily to match the LED panel with bracket.

DIMENSION

Unit: mm/inch



ORDERING GUIDE

GT-TBPx	10W...50W	DXYYZZ
Series Code	Wattage	T means tunable // BP means Backlit Panel // 14,22,24 are the size D: Directly Beam X: Can be D for Power and CCT Regulation Function, or S for Power Regulation Function, or N for Normal Type YY: Color Temperature of LED. 27=2700K, 35=3500K...65=6500K ZZ: Input Voltage. 27 Represents 120-277VAC, 34 Represents 120-347VAC

Product Code	Product Size	Packing Dimension	PCS/Carton	N.W(kg)	G.W(kg)
GT-TBP14	1' x 4'	1270*370*100mm	2PCS	4.3	5.0
		1270*370*170mm	4PCS	9.0	10.5
GT-TBP22	2' x 2'	650*650*100mm	2PCS	4.0	5.3
		650*650*170mm	4PCS	8.0	9.5
GT-TBP24	2' x 4'	1270*690*100mm	2PCS	8.5	9.8
		1270*690*170mm	4PCS	18.0	19.5