
LED TROFFER



Product Features

1. Smooth and comfortable light, low glare.
2. High lighting efficiency 125lm/W.
3. High quality isolated driver; High efficiency >87%, PF >0.9.
4. Mainly used in commercial lighting places, such as office, factory and supermarket.
5. Lifespan >50,000 hours & 5 years warranty.
6. Slim profile ensures much lower shipping and storage cost.
7. Very unique design for making it stand out easily, compared with regular troffers in the market.

Specification

Part No.	Power	Working Current	Input Voltage	Luminous Efficacy	CCT	Viewing Angle	Ra	PF	Dimmable	Warranty
BRT-TRO-22-V2-40W-5CCT	20/25/30/35/40W	0.367A	AC120-277V	125lm/W	3500K/ 4000K/ 5000K/ 5700K/ 6500K	120°	≥80	≥0.9	0-10V	5 Years
BRT-TRO-22-V2-50W-5CCT	20/25/30/40/50W	0.458A								
BRT-TRO-24-V2-70W-5CCT	30/40/50/60/70W	0.642A								
BRT-TRO-22-V2-40W-5CCT	20/25/30/35/40W	0.367A	AC120-347V							
BRT-TRO-24-V2-50W-5CCT	20/25/30/40/50W	0.458A								

PHOTOMETRICS

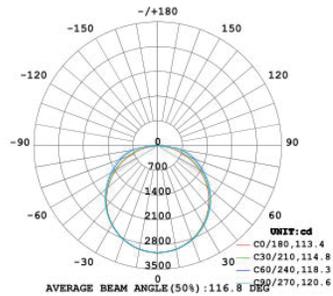
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

TROFFER 70W

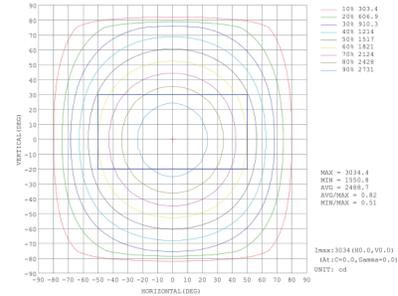
LUMINAIRE DATA

110 degree Distribution		
Description	3500/4000/5000/5700/6500K ,80 CRI	
Delivered Lumens	9206.5	
Watts	67.665W	
Efficacy	136.06 lm/W	
IES Type	/	
BUG Rating/	/	
Zonal Lumen Summary		
Zone	Lumens/流明	%Luminaire/光源百分比
Low (0-30)°	2360	25.6
Medium (0-60)°	6965	75.7
High (60-90)°	2242	24.3
Very High (70-100)°	/	/
Uplight (90-120)°	/	/
Total Flux/总光通量	9207	100%

Luminous Intensity Distribution Curve



ISO FOOTCANDLE

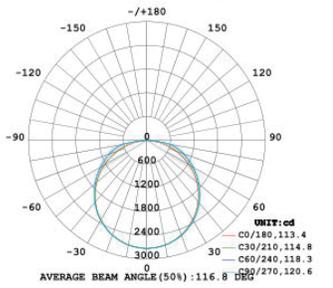


TROFFER 60W

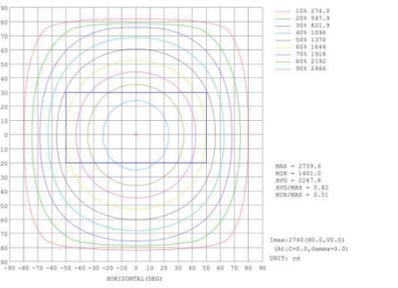
LUMINAIRE DATA

110 degree Distribution		
Description	3500/4000/5000/5700/6500K ,80 CRI	
Delivered Lumens	8315.5	
Watts	59.735W	
Efficacy	139.21 lm/W	
IES Type	/	
BUG Rating	/	
Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	2131	25.6
Medium (0-60)°	6291	75.7
High (60-90)°	2025	24.3
Very High (70-100)°	/	/
Uplight (90-120)°	/	/
Total Flux	8316	100%

Luminous Intensity Distribution Curve



ISO FOOTCANDLE

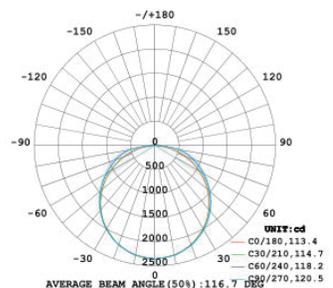


TROFFER 50W

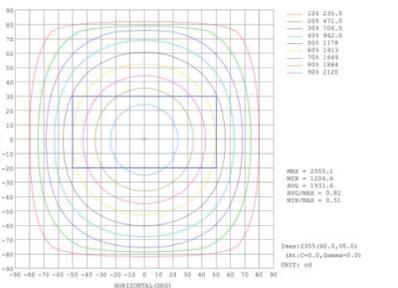
LUMINAIRE DATA

110 degree Distribution		
Description	3500/4000/5000/5700/6500K ,80 CRI	
Delivered Lumens	7144	
Watts	49.942W	
Efficacy	143.05 lm/W	
IES Type	/	
BUG Rating	/	
Zonal Lumen Summary		
Zone	Lumens	%Luminaire
Low (0-30)°	1832	25.6
Medium (0-60)°	5406	75.7
High (60-90)°	1738	24.3
Very High (70-100)°	/	/
Uplight (90-120)°	/	/
Total Flux	7144	100%

Luminous Intensity Distribution Curve

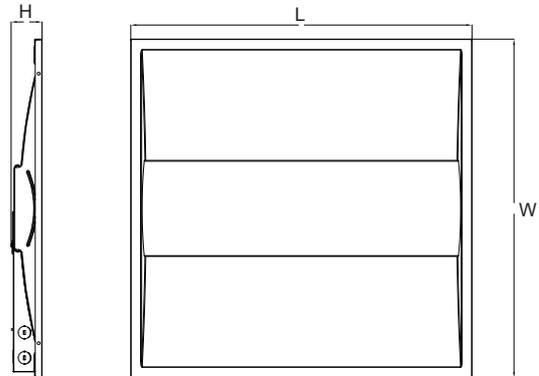


ISO FOOTCANDLE



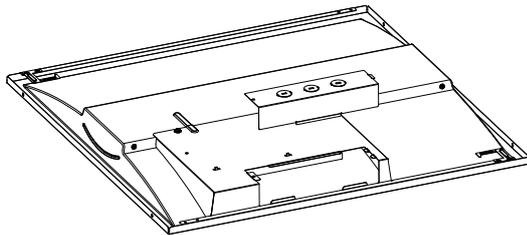
Product Dimension

Part No.		TAA22	TAA24
Dimension (inch)	L	23.74"	47.75"
	W	23.74"	23.74"
	H	2.15"	2.15"

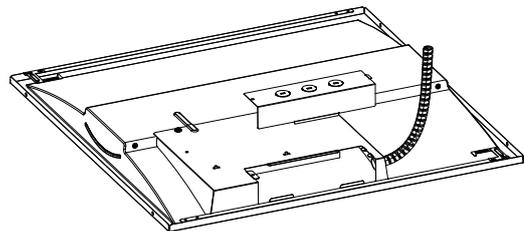


Installation Instruction

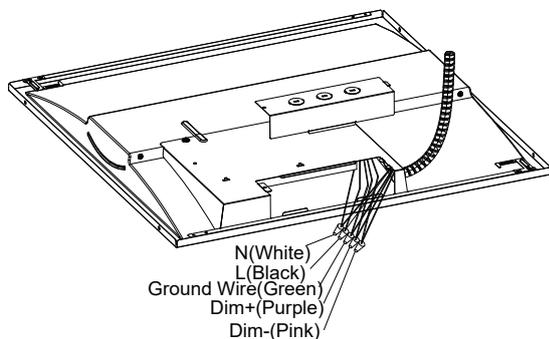
1. Unscrew the driver cover.



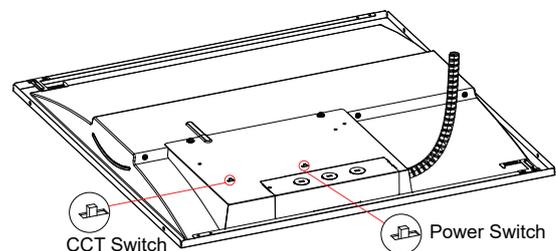
2. Connect the conduit to the driver box.



3. Connect other wires separately.

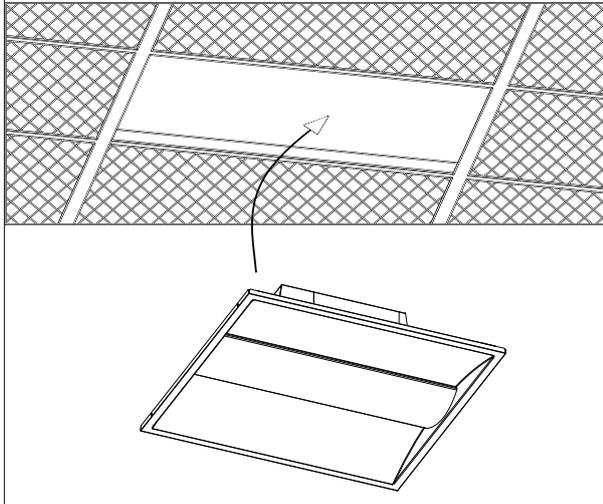


4. Put back the driver cover and fix it by screw.

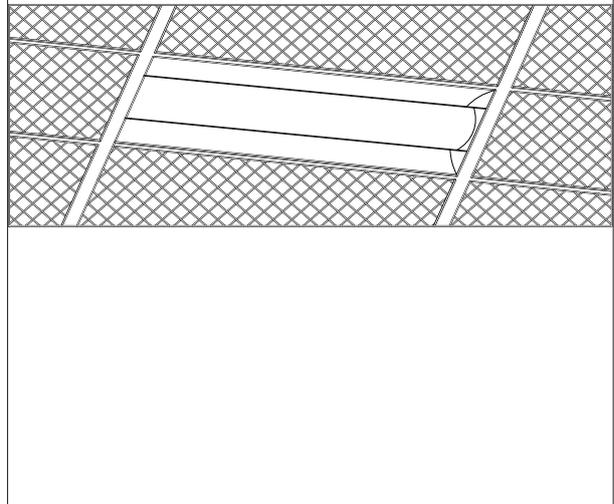


Recessed Installation

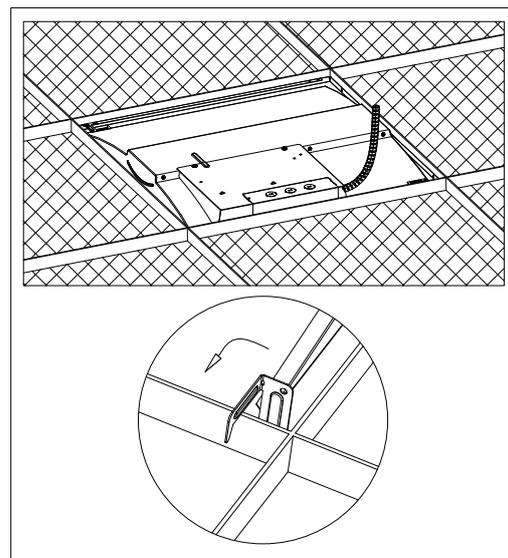
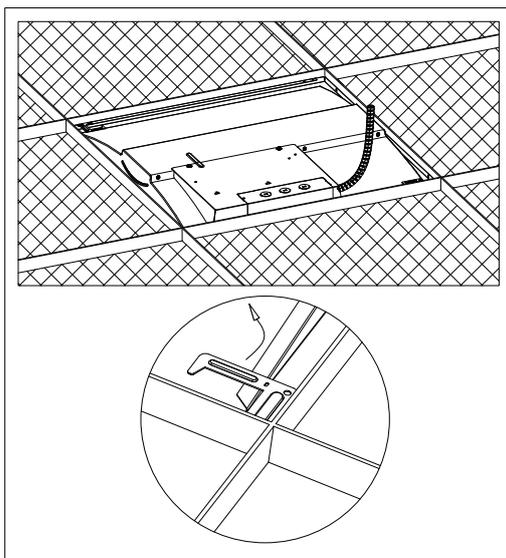
1. Replace existing lighting fixture from ceiling with LED Troffer.



2. Replace existing lighting fixture from ceiling with LED Troffer.



3. Use the protective brackets for the sake of safety.



Packing/Weight

Part NO.	Outer Carton Size (L*W*H)	Qty/Carton (pcs)	Net weight (kg)	Gross weight (kg)
BRT22	648*140*653mm 25.51"*5.51"*25.71"	2	5.4KG 11.90LB	6.6KG 14.55LB
BRT24	1257*140*653mm 49.49"*5.51"*25.71"	2	9.8KG 21.61LB	11.7KG 25.79LB

Applications



office



office



home

Warning

- * Make sure the distances between live part and metal part of LED troffer can satisfy reinforced or double insulation.
- * The luminaire should only be installed by a qualified electrician.
- * Before installation and maintenance of the LED troffer, please disconnect the power to prevent electric shock.
- * Before installation and maintenance, LED troffer must be operated by professional and technical personnel, non-professionals do not to remove the light .
- * The LED troffer must be installed in an appropriate environment to work. In harsh environments may shorten the life or even damage the light .
- * For type Y attachments: If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.