

LED TROFFER

Product Features

It is made of die-forged large cold-rolled steel plate, very simple and stylish. It is made of a high-brightness LED lamp with a backlight design. It uses UL standard constant current driver. It has low glare, soft and even light. It saves energy, the life expectancy can reach 50,000 hours, and it is easy for embedded installation.

- High efficiency & energy saving. Under the condition of the same illumination, it saves more than 67% energy compared with the traditional lamp.
- Every LED works independently. While one LED loses efficacy, others can work as usual.
- Long life span, using semiconductor chip as the light resource, the life can be over 50,000hrs.
- External constant current driver, high efficiency, reliable work.

Product Pictures

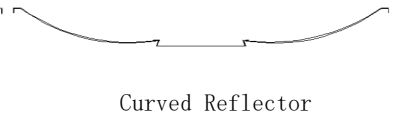
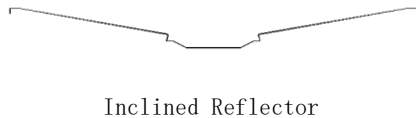
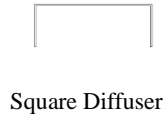


ORDERING INFORMATION

Example: TRXX22P36XXOD-H3LAMMMM

| FAMILY | SIZE | Efficacy | System Watt | CCT | Diffuser | DIM | Driver Type | Input Voltage | Shell color | Battery Backup and sensor | CRI | Sales code |
|-------------------------------------|-----------|-----------------------------|-------------|--|----------------|------------------|--------------------------------|---------------|-------------|-----------------------------------|----------|-----------------------------|
| TRAB=90mm High troffer | 14= 1'x4' | S= > 110LM/W (DLC Standard) | 20=20W | 30=3000K | White diffuser | D= 0-10V Dimming | A2= Flicker Driver | H= 120-347V | A= White | AA=with Battery Backup and sensor | 8= Ra>80 | just distinguish with sales |
| TRAC=60mm High troffer | 22= 2'x2' | | 30=30W | 35=3500K | | | H2=CCT Selectable Driver | L= 120-277V | | | 9= Ra>90 | |
| TRAE= Wide luminous surface troffer | 24= 2'x4' | P= > 125LM/W (DLC Premium) | 40=40W | 40=4000K | | | H3=Wattage Selectable Driver | | | A0=with Battery Backup | | |
| TR15= Cost-effective troffer | | | 45=45W | 50=5000K | | | H4=with AUX 12V Driver | | | 0A=with sensor | | |
| | | | 50=50W | CF= CCT Selectable (3500K 4000K 5000K) | | | H8=CCT and Wattage Selectable, | | | 00=None | | |

Multiple Shapes Options



Technical Parameter

| Specifications | 2X2 | 2X4 | 2X4 | 1X4 | |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------|
| MODEL | TRAB22P20XXOD-A2LAM M80 | TRAB24P30XXOD-A2LAM M80 | TRAB24P45XXOD-A2LAM M80 | TRAB14P20XXOD-A2LAM M80 | |
| Power | 20W | 30W | 45W | 20W | |
| Input Current | Max 0.2A | Max 0.3A | Max 0.45A | Max 0.2A | |
| Input Voltage/Frequency | AC120-277V 50/60Hz | | | | |
| Power Factor | PF>0.9 | | | | |
| LED Type | SMD 2835 | | | | |
| LED Chips | Samsung | | | | |
| Field-selectable CCT | NO | | | | |
| Field-selectable wattages | NO | | | | |
| Lumen output | 3000K | 2520LM | 3780LM | 5670LM | 2520LM |
| Lumen Per W | | 126LM/W | 126LM/W | 126LM/W | 126LM/W |
| Lumen output | 3500K | 2540LM | 3810LM | 5715LM | 2540LM |
| Lumen Per W | | 127LM/W | 127LM/W | 127LM/W | 127LM/W |
| Lumen output | 4000K | 2600LM | 3900LM | 5850LM | 2600LM |
| Lumen Per W | | 130LM/W | 130LM/W | 130LM/W | 130LM/W |
| Lumen output | 5000K | 2620LM | 3900LM | 5850LM | 2620LM |
| Lumen Per W | | 131LM/W | 130LM/W | 130LM/W | 131LM/W |
| Color Rendering Index | Ra>80 | | | | |
| Flicker | Flicker | | | | |
| Dimmable | 0-10V | | | | |
| Emergency LED Driver | Optional | | | | |
| Sensor | Optional | | | | |
| AUX POWER | Optional | | | | |
| Operating Temperature | -4°F to 104°F | | | | |
| L70 Lumen Maintenance (Hours) | 50000Hrs | | | | |
| Environment | Damp Location | | | | |
| Frame Materials | PC +STEEL | | | | |
| Certification | ETL DLC5.0 FCC | | | | |

| Specifications | 2X2 | | | | 2X4 | | | | 1X4 | | | |
|-------------------------------|------------------------|---------|---------|---------|------------------------|---------|---------|---------|------------------------|---------|---------|---------|
| MODEL | TRAC22P36XXOD-E1HM0M8M | | | | TRAC24P45XXOD-E1HM0M8M | | | | TRAC14P36XXOD-E1HM0M8M | | | |
| Power | 36W | | | | 45W | | | | 36W | | | |
| Input Current | Max 0.35A | | | | Max 0.43A | | | | Max 0.35A | | | |
| Input Voltage/Frequency | AC120-347V 50/60Hz | | | | | | | | | | | |
| Power Factor | PF>0.9 | | | | | | | | | | | |
| LED Type | SMD 2835 | | | | | | | | | | | |
| LED Chips | Samsung | | | | | | | | | | | |
| Field-selectable CCT | NO | | | | | | | | | | | |
| Field-selectable wattages | YES | | | | | | | | | | | |
| | 19W | 24W | 30W | 36W | 30W | 35W | 40W | 45W | 19W | 24W | 30W | 36W |
| Lumen output | 2470LM | 3096LM | 3840LM | 4572LM | 3930LM | 4550LM | 5160LM | 5760LM | 2470LM | 3096LM | 3840LM | 4572LM |
| Lumen Per W | 130LM/W | 129LM/W | 128LM/W | 127LM/W | 131LM/W | 130LM/W | 129LM/W | 128LM/W | 130LM/W | 129LM/W | 128LM/W | 127LM/W |
| Lumen output | 2508LM | 3144LM | 3900LM | 4644LM | 3990LM | 4620LM | 5240LM | 5850LM | 2508LM | 3144LM | 3900LM | 4644LM |
| Lumen Per W | 132LM/W | 131LM/W | 130LM/W | 129LM/W | 133LM/W | 132LM/W | 131LM/W | 130LM/W | 132LM/W | 131LM/W | 130LM/W | 129LM/W |
| Lumen output | 2546LM | 3192LM | 3960LM | 4752LM | 4050LM | 4690LM | 5320LM | 5940LM | 2546LM | 3192LM | 3960LM | 4752LM |
| Lumen Per W | 134LM/W | 133LM/W | 132LM/W | 131LM/W | 135LM/W | 134LM/W | 133LM/W | 132LM/W | 134LM/W | 133LM/W | 132LM/W | 131LM/W |
| Lumen output | 2546LM | 3192LM | 3960LM | 4752LM | 4050LM | 4690LM | 5320LM | 5940LM | 2546LM | 3192LM | 3960LM | 4752LM |
| Lumen Per W | 134LM/W | 133LM/W | 132LM/W | 131LM/W | 135LM/W | 134LM/W | 133LM/W | 132LM/W | 134LM/W | 133LM/W | 132LM/W | 131LM/W |
| Color Rendering Index | Ra>80 | | | | | | | | | | | |
| Flicker | Flicker FREE | | | | | | | | | | | |
| Dimmable | 0-10V | | | | | | | | | | | |
| Emergency LED Driver | Optional | | | | | | | | | | | |
| Sensor | Optional | | | | | | | | | | | |
| AUX POWER | Optional | | | | | | | | | | | |
| Operating Temperature | -4°F to 104°F | | | | | | | | | | | |
| L70 Lumen Maintenance (Hours) | 50000Hrs | | | | | | | | | | | |
| Environment | Damp Location | | | | | | | | | | | |
| Frame Materials | PC +STEEL | | | | | | | | | | | |
| Certification | ETL DLC5.0 FCC | | | | | | | | | | | |

| Specifications | 2x2 | | 2x4 | | 2x4 | | 1x4 | |
|-------------------------------|-------------------------|---------|-------------------------|---------|-------------------------|--|-------------------------|--|
| MODEL | TRAC22P36CFOD-H2 LAMMMM | | TRAC24P40CFOD-H2 LAMMMM | | TRAC24P50CFOD-H2 LAMMMM | | TRAC14P36CFOD-H2 LAMMMM | |
| Power | 36W | | 40W | | 50W | | 20W/30W/36W | |
| Input Current | Max 0.34A | | Max 0.38A | | Max 0.48A | | Max 0.34A | |
| Input Voltage/Frequency | AC120-277V 50/60Hz | | | | | | | |
| Power Factor | PF>0.9 | | | | | | | |
| LED Type | SMD 2835 | | | | | | | |
| LED Chips | Samsung | | | | | | | |
| Field-selectable CCT | YES | | | | | | | |
| Field-selectable wattages | NO | | | | | | | |
| Lumen output | 3500K | 4608LM | 5080LM | 6350LM | 4608LM | | | |
| Lumen Per W | | 128LM/W | 127LM/W | 127LM/W | 128LM/W | | | |
| Lumen output | 4000K | 4860LM | 5400LM | 6700LM | 4860LM | | | |
| Lumen Per W | | 135LM/W | 135LM/W | 134LM/W | 135LM/W | | | |
| Lumen output | 5000K | 4680LM | 5200LM | 6450LM | 4680LM | | | |
| Lumen Per W | | 130LM/W | 130LM/W | 129LM/W | 130LM/W | | | |
| Color Rendering Index | Ra>80 | | | | | | | |
| Flicker | Flicker | | | | | | | |
| Dimmable | 0-10V | | | | | | | |
| Emergency LED Driver | Optional | | | | | | | |
| Sensor | Optional | | | | | | | |
| AUX POWER | Optional | | | | | | | |
| Operating Temperature | -4°F to 104°F | | | | | | | |
| L70 Lumen Maintenance (Hours) | 50000Hrs | | | | | | | |
| Environment | Damp Location | | | | | | | |
| Frame Materials | PC+STEEL | | | | | | | |
| Certification | ETL DLC5.0 | | | | | | | |

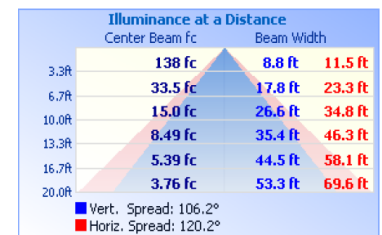
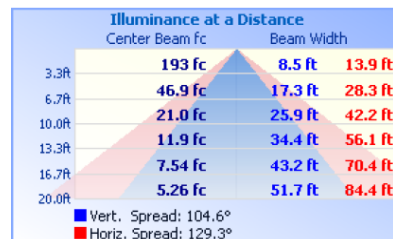
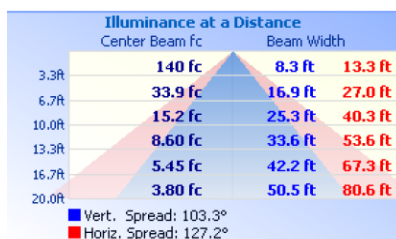
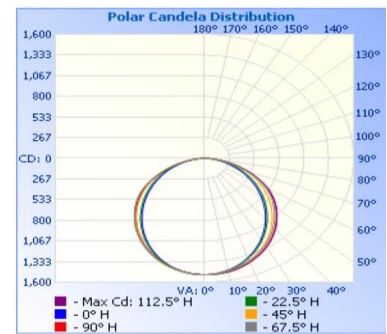
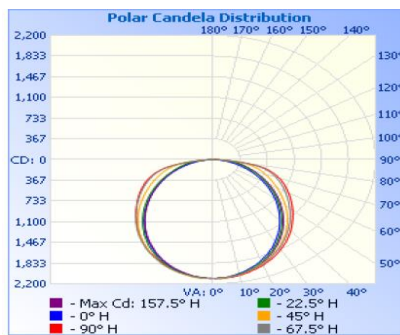
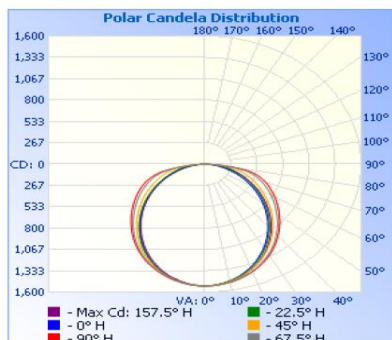
| Specifications | 2x2 | | | 2x4 | | | 1x4 | | | |
|-------------------------------|------------------------|---------|---------|------------------------|---------|---------|------------------------|---------|---------|---------|
| MODEL | TRAC22P36XXOD-H8LAMMMM | | | TRAC24P40XXOD-H8LAMMMM | | | TRAC14P36XXOD-H8LAMMMM | | | |
| Power | 20W/30W/36W | | | 30W/35W/40W | | | 20W/30W/36W | | | |
| Input Current | Max 0.34A | | | Max 0.38A | | | Max 0.34A | | | |
| Input Voltage/Frequency | AC120-277V 50/60Hz | | | | | | | | | |
| Power Factor | PF>0.9 | | | | | | | | | |
| LED Type | SMD 2835 | | | | | | | | | |
| LED Chips | Samsung | | | | | | | | | |
| Field-selectable CCT | YES | | | | | | | | | |
| Field-selectable wattages | YES | | | | | | | | | |
| | 20W | 30W | 36W | 30W | 35W | 40W | 20W | 30W | 36W | |
| Lumen output | 3500K | 2640LM | 3870LM | 4572LM | 3870LM | 4445LM | 5000LM | 2640LM | 3870LM | 4572LM |
| Lumen Per W | | 132LM/W | 129LM/W | 127LM/W | 129LM/W | 127LM/W | 125LM/W | 132LM/W | 129LM/W | 127LM/W |
| Lumen output | 4000K | 2760LM | 4050LM | 4788LM | 4050LM | 4655LM | 5240LM | 2760LM | 4050LM | 4788LM |
| Lumen Per W | | 138LM/W | 135LM/W | 133LM/W | 135LM/W | 133LM/W | 131LM/W | 138LM/W | 135LM/W | 133LM/W |
| Lumen output | 5000K | 2660LM | 3900LM | 4608LM | 3960LM | 4550LM | 5120LM | 2660LM | 3900LM | 4608LM |
| Lumen Per W | | 133LM/W | 130LM/W | 128LM/W | 132LM/W | 130LM/W | 128LM/W | 133LM/W | 130LM/W | 128LM/W |
| CRI | Ra>80 | | | | | | | | | |
| Flicker | Flicker | | | | | | | | | |
| Dimmable | 0-10V | | | | | | | | | |
| Emergency LED Driver | Optional | | | | | | | | | |
| Sensor | Optional | | | | | | | | | |
| AUX POWER | Optional | | | | | | | | | |
| Operating Temperature | -4°F to 104°F | | | | | | | | | |
| L70 Lumen Maintenance (Hours) | 50000Hrs | | | | | | | | | |
| Environment | Damp Location | | | | | | | | | |
| Frame Materials | PC+STEEL | | | | | | | | | |
| Certification | ETL DLC5.0 | | | | | | | | | |

| Specifications | | 2X2 | | | 2X4 | | | 1X4 | | |
|-------------------------------|-------|-----------------------|---------|---------|-----------------------|---------|---------|-----------------------|---------|---------|
| MODEL | | TRAC22P36XXOD-H3LAMMM | | | TRAC24P40XXOD-H3LAMMM | | | TRAC14P36XXOD-H3LAMMM | | |
| Power | | 20W/30W/36W | | | 30W/35W/40W | | | 20W/30W/36W | | |
| Input Current | | Max 0.34A | | | Max 0.38A | | | Max 0.34A | | |
| Input Voltage/Frequency | | AC120-277V 50/60Hz | | | | | | | | |
| Power Factor | | PF>0.9 | | | | | | | | |
| LED Type | | SMD 2835 | | | | | | | | |
| LED Chips | | Samsung | | | | | | | | |
| Field-selectable CCT | | NO | | | | | | | | |
| Field-selectable wattages | | YES | | | | | | | | |
| | | 20W | 30W | 36W | 30W | 35W | 40W | 20W | 30W | 36W |
| Lumen output | 3000K | 2560LM | 3780LM | 3810LM | 3810LM | 4410LM | 5000LM | 2560LM | 3780LM | 4500LM |
| Lumen Per W | | 128LM/W | 126LM/W | 127LM/W | 127LM/W | 126LM/W | 125LM/W | 128LM/W | 126LM/W | 125LM/W |
| Lumen output | 3500K | 2600LM | 3810LM | 3840LM | 3840LM | 4445LM | 5040LM | 2600LM | 3810LM | 4536LM |
| Lumen Per W | | 130LM/W | 127LM/W | 128LM/W | 128LM/W | 127LM/W | 126LM/W | 130LM/W | 127LM/W | 126LM/W |
| Lumen output | 4000K | 2640LM | 3870LM | 3900LM | 3900LM | 4515LM | 5120LM | 2640LM | 3870LM | 4608LM |
| Lumen Per W | | 132LM/W | 129LM/W | 130LM/W | 130LM/W | 129LM/W | 128LM/W | 132LM/W | 129LM/W | 128LM/W |
| Lumen output | 5000K | 2660LM | 3900LM | 3930LM | 3930LM | 4550LM | 5160LM | 2660LM | 3900LM | 4644LM |
| Lumen Per W | | 133LM/W | 130LM/W | 131LM/W | 131LM/W | 130LM/W | 129LM/W | 133LM/W | 130LM/W | 129LM/W |
| Color Rendering Index | | Ra>80 | | | | | | | | |
| Flicker | | Flicker | | | | | | | | |
| Dimmable | | 0-10V | | | | | | | | |
| Emergency LED Driver | | Optional | | | | | | | | |
| Sensor | | Optional | | | | | | | | |
| AUX POWER | | Optional | | | | | | | | |
| Operating Temperature | | -4°F to 104°F | | | | | | | | |
| L70 Lumen Maintenance (Hours) | | 50000Hrs | | | | | | | | |
| Environment | | Damp Location | | | | | | | | |
| Frame Materials | | PC+STEEL | | | | | | | | |
| Certification | | ETL DLC5.0 | | | | | | | | |

Note:

- 1.Light optic with a little deviation for different color temperature LED ,deviation value≤5%
- 2.These parameters will exist tolerance of error according to related rules.

Light Distribution



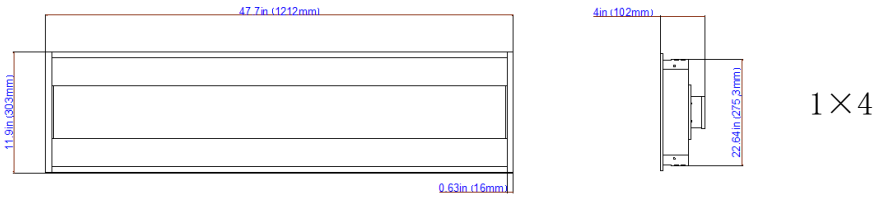
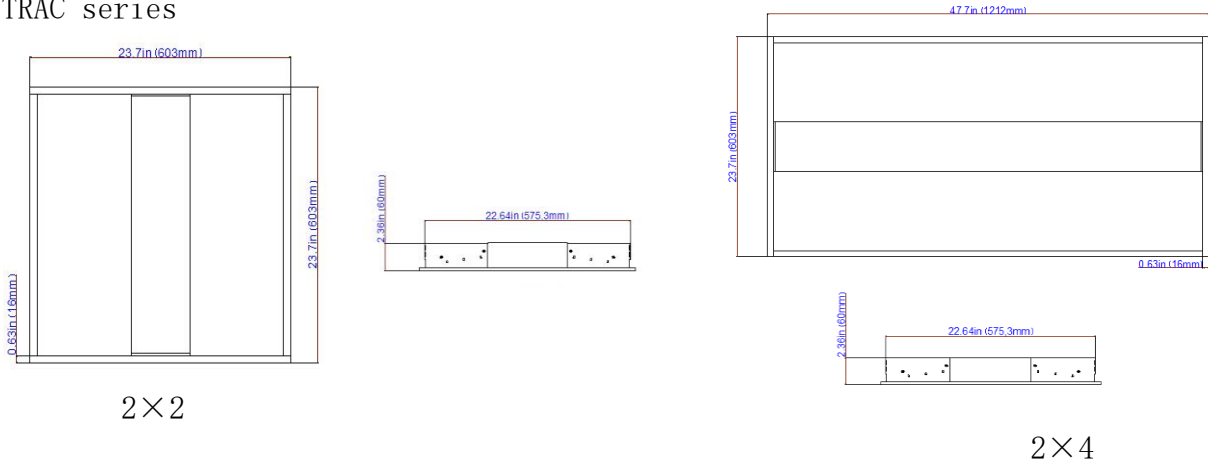
2×2

2×4

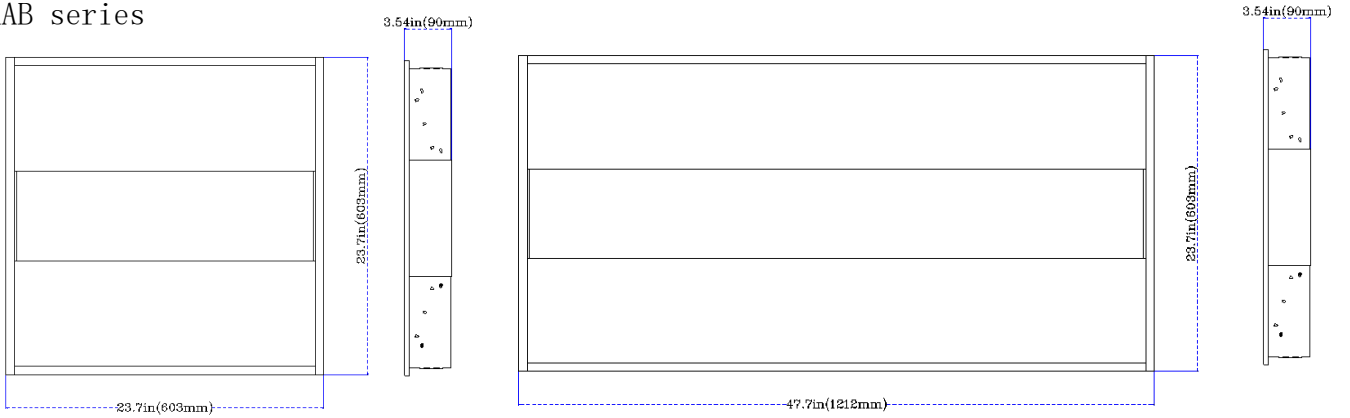
1×4

Dimension

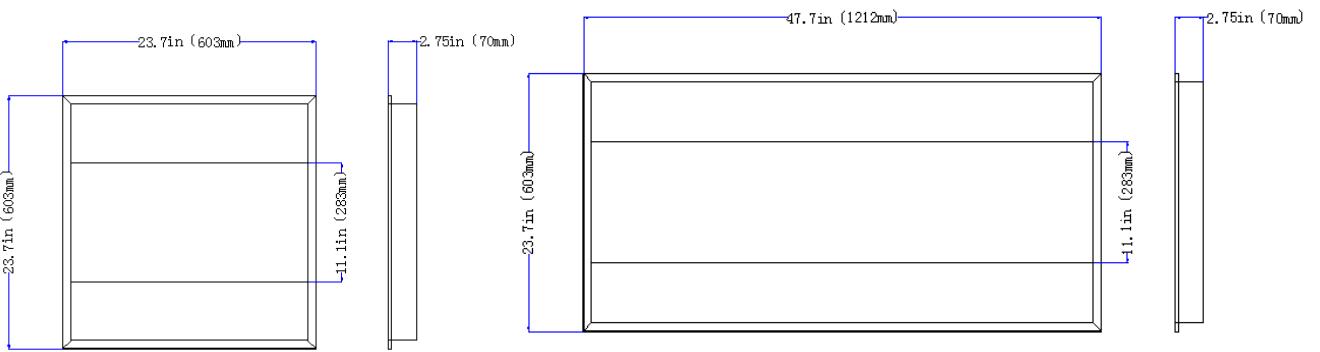
TRAC series



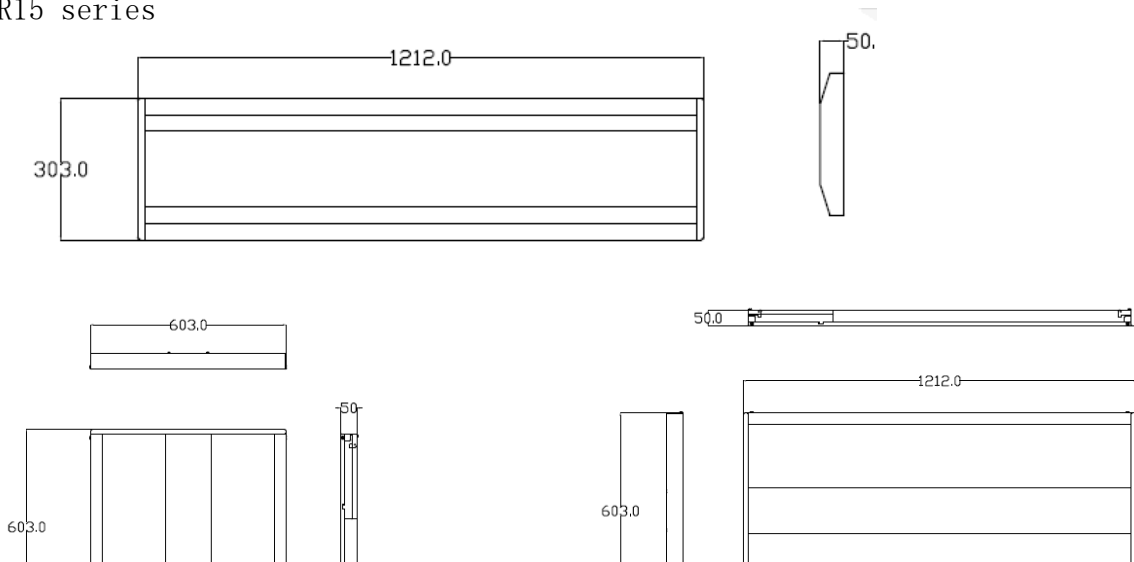
TRAB series



TRAE series



TR15 series



Accessories

| | | |
|-----------------|---------------------------------|--|
| AC04-SF22-UW | 2×2 SURFACE MOUNT KIT |  |
| AC04-SF24-UW | 2×4 SURFACE MOUNT KIT | |
| AC04-SF14-UW | 1×4 SURFACE MOUNT KIT | |
| AC07-TES2224-UW | 2×2 or 2×4 SENSOR'S Accessories |  |
| AC07-TES14-UW | 1×4 SENSOR'S Accessories | |
| AC07-TEM24-UW | 2×4 Emergency Accessories |  |
| AC07-TEM22-UW | 2×2 Emergency Accessories | |
| AC07-TEM14-UW | 1×4 Emergency Accessories |  |
| HC403VRC-KD | SENSOR |  |
| SL-60A | EMERGENCY LED DRIVER |  |



With sensor

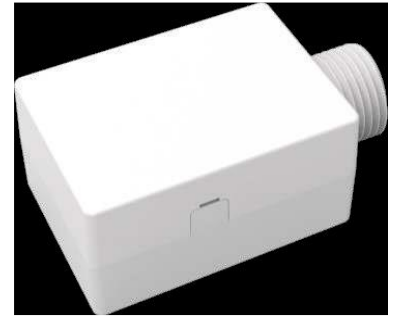


With EMERGENCY LED DRIVER

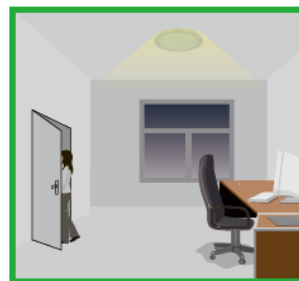
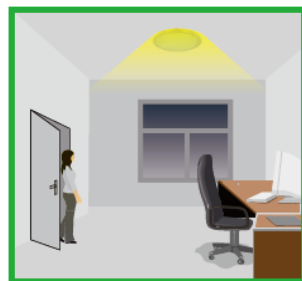
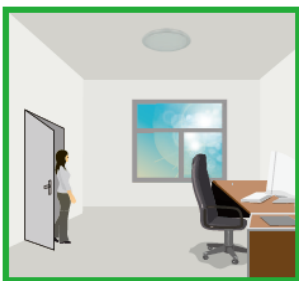
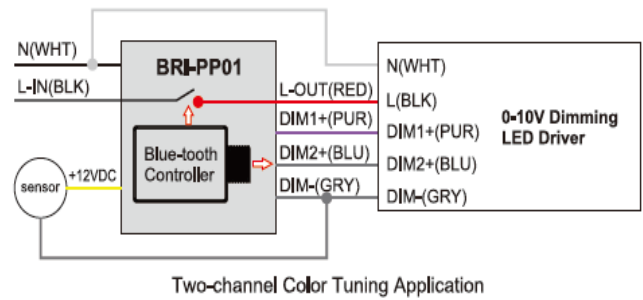
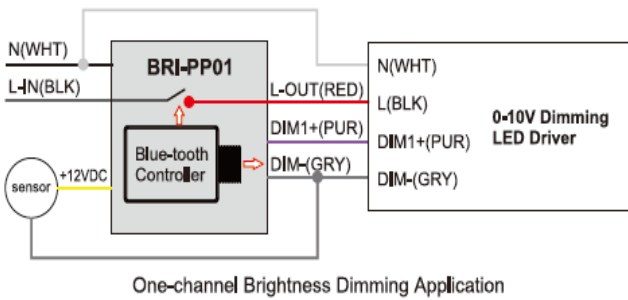


Fixture Controller

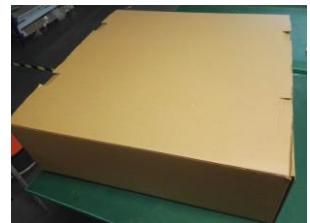
The Fixture Controller is wired to the fixture's LED driver to control light levels with high reliability. It also connects to the sensor units which contain microprocessors and sensor arrays that integrate occupancy, daylight. Customizable software profiles that drive each sensor unit support both energy efficiency and occupant comfort goals. The sensor unit continuously takes occupancy, vacancy and light readings; it also interprets this data and instructs. The Fixture Controller to adjust illumination levels accordingly.



Wire Connection Diagram



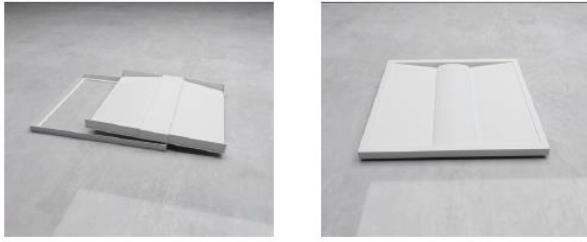
Packaging



| Item No. | N.W | G.W | QTY/Carton | Carton Size |
|------------------|--------|--------|------------|--------------|
| TRAC22PXXXOD-YY | 7.0KG | 8.0KG | 2 | 675*675*135 |
| TRAC24PXXXOD-YY | 13.0KG | 14.0KG | 2 | 1290*675*135 |
| TRAC14P36XXOD-YY | 7.0KG | 8.0KG | 2 | 1303*380*260 |

Installation Introduction

Surface Mount



Recessed



Warranty

5 years warranty for the products

Remark: The warranty on the base of right storing way, right installing way, right using way, right maintaining way. Any broken out of our rule, it will be out of our warranty. During the warranty time, we can choose repairing, replacing parts or replacing the whole products according to the detail information. And we'll charge the customers some material fee and labor cost if the product is out of our warranty time.

▲ please read the instruction carefully before you use the product. We keep the right of final explanation for instruction and product. The product will keep updating continues. And sorry for the no notice for the updating.