



Façade Panel

Façade Panel is an indoor-rated, AC line input, multi-pixel lighting fixture that can generate a single color or color changing light effect. The Façade Panel comes in a variety of lengths that allows a gapless installation, making it a perfect solution for large scale media façade applications. The Façade Panels can be easily connected via a daisy-chain system and controllable over DMX512.



Product Specifications

| Models | Type A: 600 - 850mm | Type B: 900 - 1150mm | Type C: 1200 - 1400mm |
|--------------------------------------|--|---|--|
| Light Source (LEDs) | 24 | 36 | 48 |
| Number of Pixels (PXL) | 2 | 3 | 4 |
| Color Range | 16.7 million additive RGB colors | | |
| Color Resolution | 3 x 8-bit continuously variable intensity output range | | |
| Color Options | RGB | | |
| Cover Lens | Diffused PC | | |
| Housing | Aluminium extrusion | | |
| Adjustment Options | N/A | | |
| Dimensions (L x W x H) | 600-850 x 65 x 343.5mm 23.6" - 33.5" x 2.6" x 13.5" | 900-1150 x 65 x 343.5mm 35.4"-45.3" x 2.6" x 13.5" | 1200-1400 x 65 x 343.5mm 47.2"-55.1" x 2.6" x 13.5" |
| Weight | 2.8 - 3.8kg 6.16 - 8.36lbs | 3.9 - 4.9kg 8.58 - 10.78lbs | 5 - 5.8kg 11 - 12.76lbs |
| Regulatory Listing & Safety Approval | CB, cETLus, FCC | | |
| Operating Temperature | 0°C to +40°C / +32°F to +104°F | | |
| Storage Temperature | -20°C to +70°C / -4°F to +158°F | | |
| Environment | Indoor | | |
| Humidity | 0-90%, non-condensing | | |

Electrical Specifications

| | | | |
|-------------------|------------------------------|-----|-----|
| Operating Voltage | 120-127V, 220V-240V, 50/60Hz | | |
| Power Consumption | 42W | 63W | 83W |
| LED Current | 350mA DC | | |

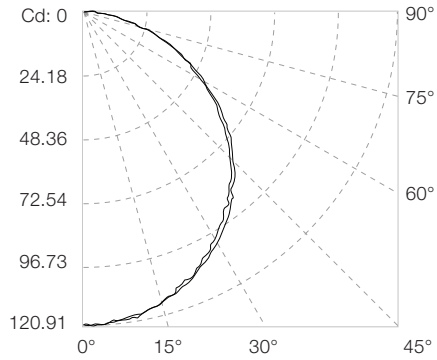
System Specifications

| | | | |
|----------------------|------------------------------|--|--|
| Power/Data Interface | IEC C19, C20; DMX512 on RJ45 | | |
| Control | DMX512 | | |
| Power Supply | Built-in | | |

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Candela Distribution

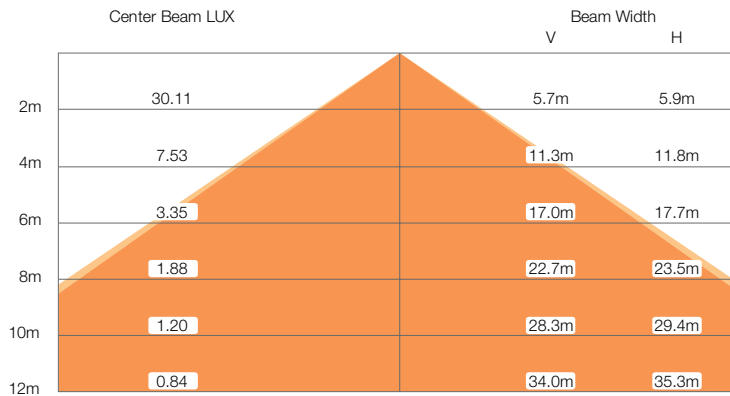


Type A measured on: White

Light Output

| | Color | Luminous Flux (lm) | Efficacy (lm/W) |
|------------------------|-------|--------------------|-----------------|
| Type A (24 LED) | White | 346.12 | 8.24 |
| | Red | 117.66 | 2.80 |
| | Green | 201.05 | 4.79 |
| | Blue | 52.37 | 1.25 |
| Type B (36 LED) | White | 519.18 | 8.24 |
| | Red | 176.49 | 2.80 |
| | Green | 301.57 | 4.79 |
| | Blue | 78.55 | 1.25 |
| Type C (48 LED) | White | 692.24 | 8.34 |
| | Red | 235.24 | 2.84 |
| | Green | 402.10 | 4.84 |
| | Blue | 104.74 | 1.26 |

Illuminance at a Distance

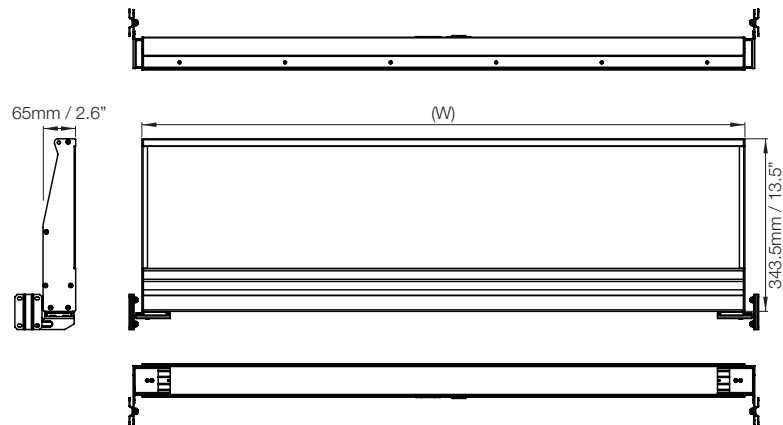


For fc divide by 10.7

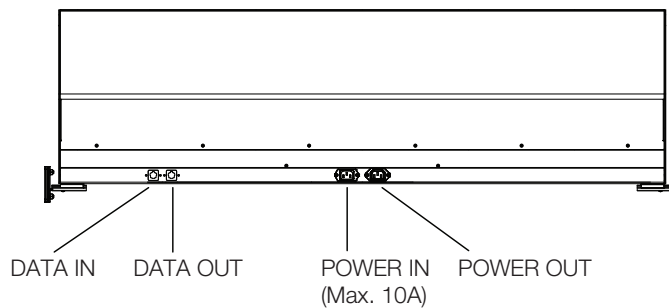
● Vert. Spread: 109.6°

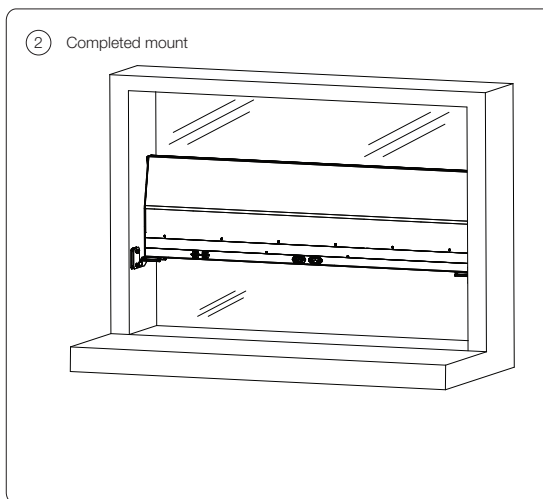
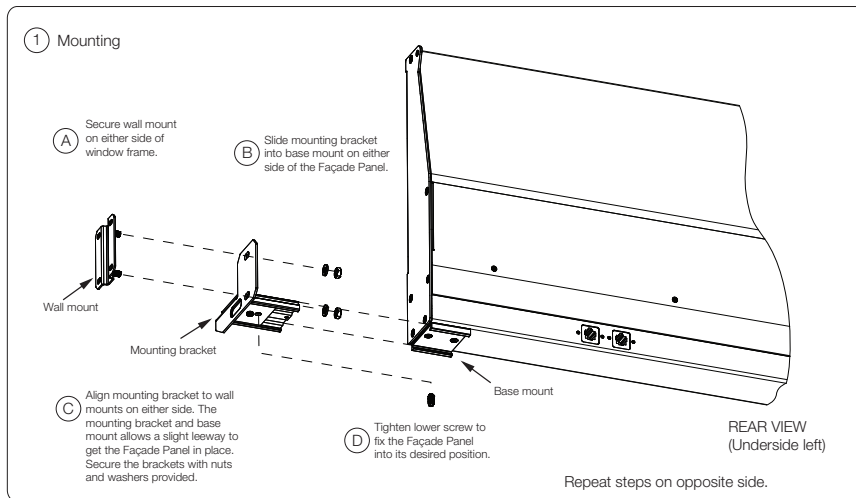
● Horiz. Spread: 111.7°

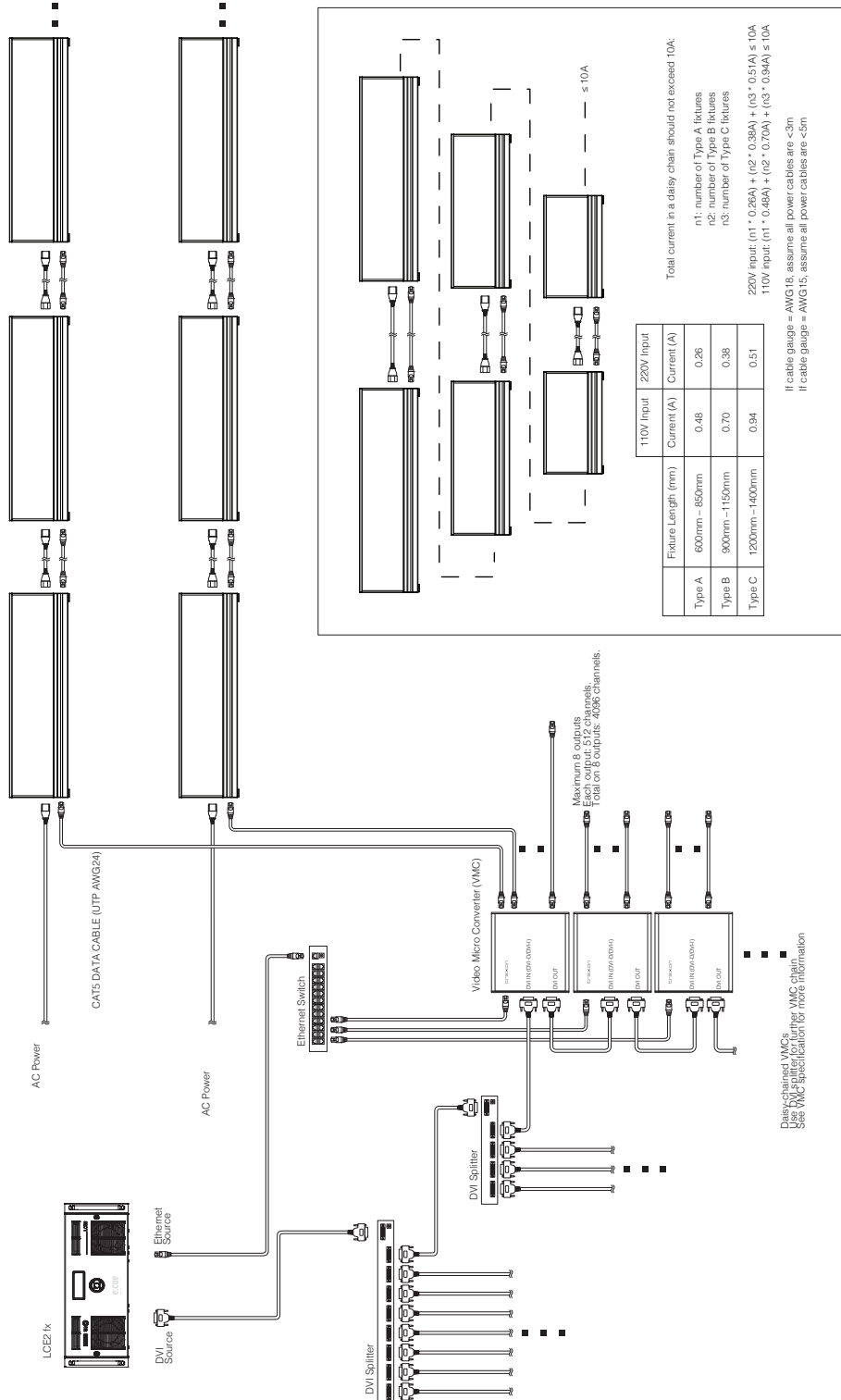
For feet multiply by 3.28



W = Type A: 600mm-850mm / 23.6"-33.5"
 Type B: 900mm-1150mm / 35.4"-45.3"
 Type C: 1200mm-1400mm / 47.2"-55.1"







Fixtures

| Model No. | Description | Item Code |
|---------------|------------------------------|-------------|
| PA.BK.0000600 | Façade Panel 600mm RGB 2PXL | AA565500055 |
| PA.BK.0000650 | Façade Panel 650mm RGB 2PXL | AA565510055 |
| PA.BK.0000700 | Façade Panel 700mm RGB 2PXL | AA565520055 |
| PA.BK.0000800 | Façade Panel 800mm RGB 2PXL | AA565530055 |
| PA.BK.0000850 | Façade Panel 850mm RGB 2PXL | AA565540055 |
| PA.BK.0000900 | Façade Panel 900mm RGB 3PXL | AA565550055 |
| PA.BK.0000950 | Façade Panel 950mm RGB 3PXL | AA565560055 |
| PA.BK.0001000 | Façade Panel 1000mm RGB 3PXL | AA565570055 |
| PA.BK.0001050 | Façade Panel 1050mm RGB 3PXL | AA565580055 |
| PA.BK.0001100 | Façade Panel 1100mm RGB 3PXL | AA565590055 |
| PA.BK.0001150 | Façade Panel 1150mm RGB 3PXL | AA565600055 |
| PA.BK.0001200 | Façade Panel 1200mm RGB 3PXL | AA436810055 |
| PA.BK.0001250 | Façade Panel 1250mm RGB 4PXL | AA565610055 |
| PA.BK.0001300 | Façade Panel 1300mm RGB 4PXL | AA565620055 |
| PA.BK.0001350 | Façade Panel 1350mm RGB 4PXL | AA565630055 |
| PA.BK.0001400 | Façade Panel 1400mm RGB 4PXL | AA565640055 |

Standard Accessories

| Model No. | Description | Item Code |
|---------------|---|-------------|
| EN.LC.9400000 | LCE2 fx | AA629460035 |
| 160136 | Video Micro Converter DMX Version | AA438950235 |
| EN.BU.0000001 | Butler S2 | AA624080072 |
| EN.BX.0000001 | Butler XT2 | AA557270131 |
| EN.BP.0000100 | Butler PRO DMX | AA628600035 |
| PA.AC.0000001 | Mounting Extension Arm – Fixed Windows | AA569230055 |
| PA.AC.0000004 | Wall mounting plate – 2pcs | AA569240055 |
| PA.AC.0000010 | 1.6m power cable, with molded angled connectors | AA612830055 |