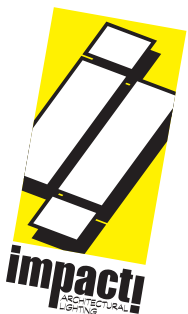
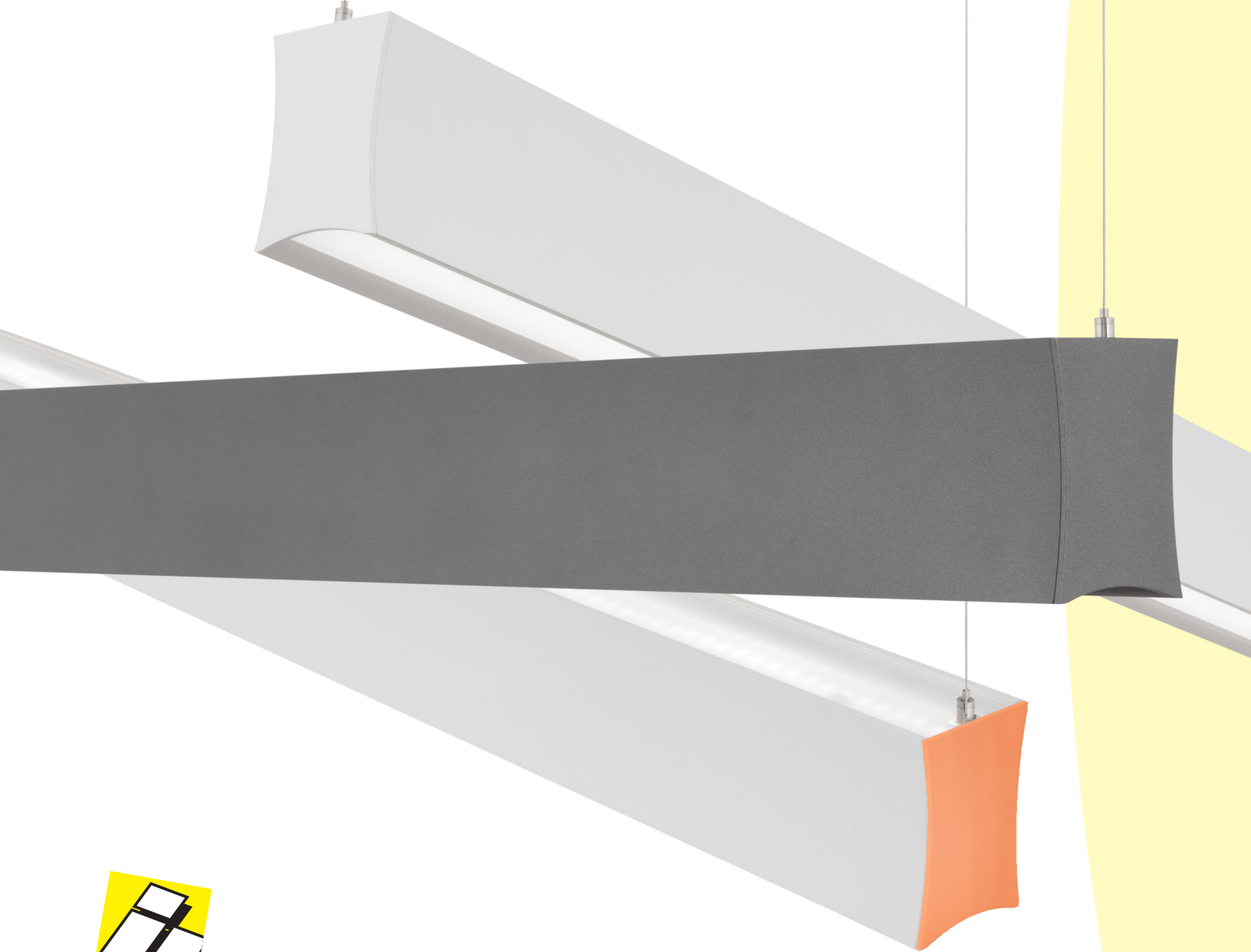
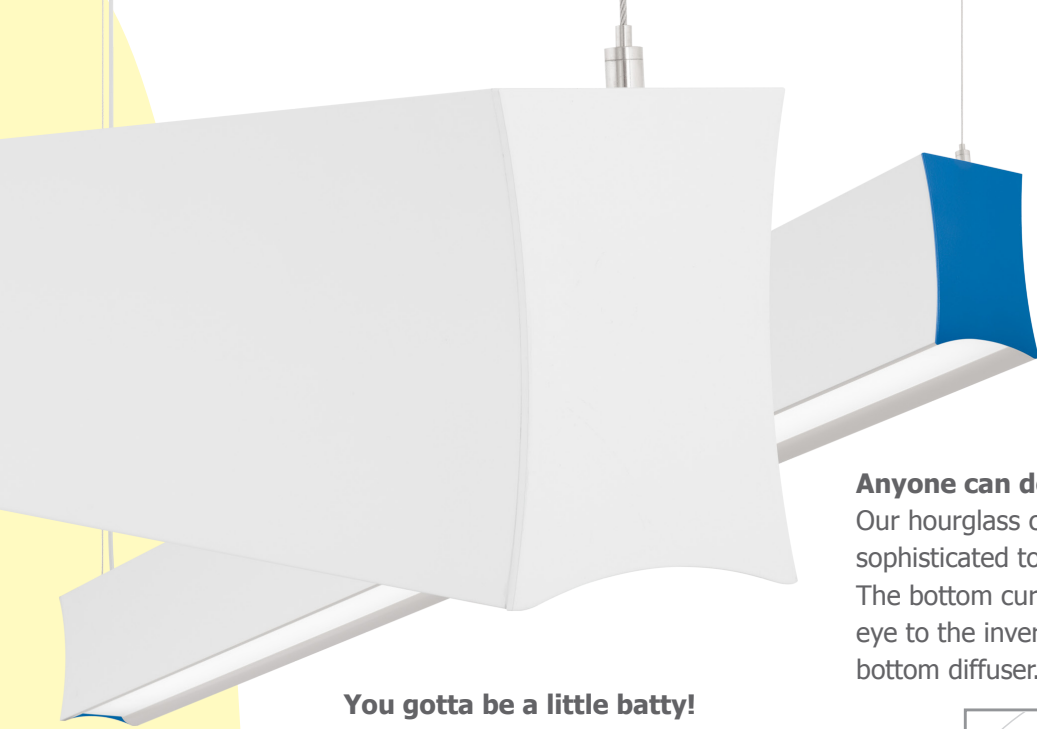


)(ula.linear™





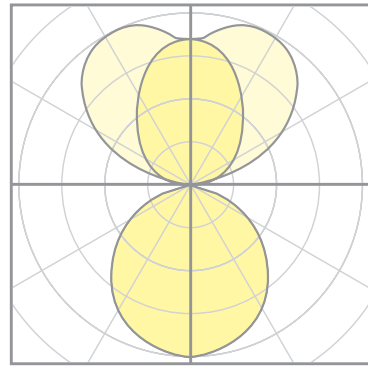
You gotta be a little batty!

Our indirect batwing curve is accomplished with the patent pending BrightWing™ 80 degree diffuser.

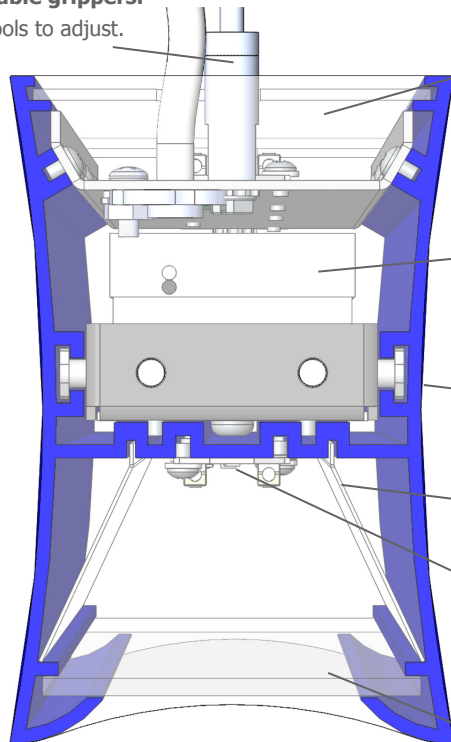
Our Lambertian curve direct distribution is achieved with an optimum light diffusing acrylic. The optic diffuser provides high light transmission with outstanding diffusion to eliminate LED hot spots.

Anyone can do square and everyone does!

Our hourglass curved extrusion brings a soft sophisticated touch to the rigid world of linear. The bottom curve of our endplate draws the eye to the inverted cove edge supporting the bottom diffuser.



Unique, self-locking, **completely adjustable cable grippers.**
Requires no tools to adjust.



80 degree batwing diffuser achieves a flat-field beam profile, uniformly illuminating the ceiling without a central hot-spot. **94% efficiency.**

Programmable, digital, wide-range adjustable current, **0-10V dimming protocol and 1-100% dimming range Class P drivers.**

Precision 6063 prime T5 aluminum extrusion. **Non -VOC powder coat paint finish.**

WhiteOptics **98% high diffuse reflector** panels.

47" white module LED board. CREE JK2835 281B LEDs. **L80 > 72,000 hrs. 90+ CRI.**
3-step MacAdam Ellipse color binning.

Satinice **71% high light transmission diffuser.** Fingerprint resistant, frosted, light scattering finish eliminates LED hotspots and provides colorless light diffusion.

Quick Calc Table

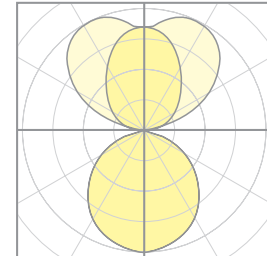
Tests indicated below are a combination of direct and indirect. LLF are as close as possible.

The application of a Light Loss Factor is required to:

- match the lumen output for the power module specified

for more detailed calculations see table on next page.
BUG rating B2-U5-G1

| Cat No | Direct Delivered* Lumens | Indirect Delivered* Lumens | Watts 120V / 277V | IES File # | LLF to be applied |
|-------------|--------------------------|----------------------------|-------------------|------------|-------------------|
| P7248 FX FX | 1600 | 1600 | 38 | 06212A | .35 |
| P7248 LO LO | 2500 | 2500 | 58 | 06212A | .55 |
| P7248 HI HI | 3500 | 3500 | 81 | 06212A | .76 |
| P7248 HX HX | 4000 | 4000 | 93 | 06212A | .87 |
| P7296 FX FX | 3200 | 3200 | 75 (2) | 06212A | .35 |
| P7296 LO LO | 5000 | 5000 | 115 (2) | 06212A | .55 |
| P7296 HI LO | 7100 | 7000 | 161 (2) | 06212A | .76 |
| P7296 HX HX | 8100 | 8100 | 185 (2) | 06212A | .87 |



P7248-HX-HX

*delivered lumens based on 4000K, 90+ cri (3000K multiplier .95)

Quick Calc Typical Lighting Layout

- room dimensions 20' x 60'
- 10' on-center spacing between rows other than 4' sections on ends of room that are spaced at 8'
- room height 12'
- fixtures mounted at 10' AFF
- 80/50/20 reflectances
- FC readings at 2.5' AFF

Power Statistics

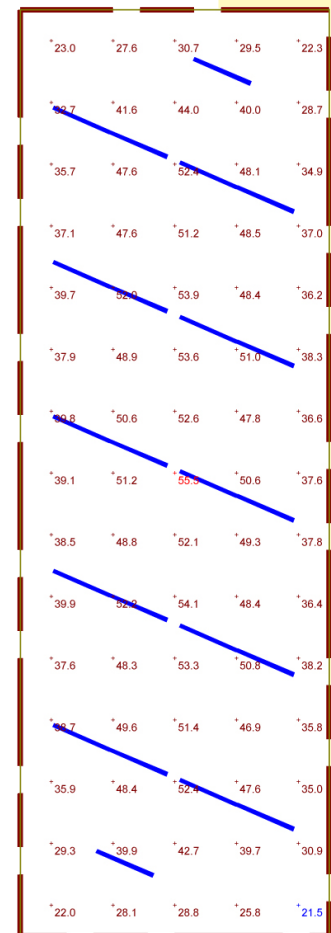
| Description | # Luminaires | Total Watts | Area | Density |
|--------------|--------------|-------------|------------------------|-----------------------|
| Diag. Linear | 22 | 836.0 W | 1200.0 ft ² | 0.7 W/ft ² |

Statistics

| Description | Avg | Max | Min | Max/Min | Symbol | Avg/Min |
|--------------|---------|---------|---------|---------|--------|---------|
| diag. design | 41.6 fc | 55.5 fc | 21.5 fc | 2.6:1 | + | 1.9:1 |

Schedule

| Symbol | Label | Quantity | Manufacturer | Catalog Number | Description | Lamp | Wattage |
|--------|-------|----------|-------------------------------|---------------------|---|-----------------|---------|
| ⏏ | A | 22 | Impact Architectural Lighting | P7248(96) 40FX 40FX | 48" and 96" length Linear pendants w/ up/down light distributions. FX very low light output | 4000k 90cri LED | 38 |



Plan View
Scale - 1" = 8ft



catalog number

| size | direct LED | indirect LED | painting finish | power cord | options |
|-------------------------------------|---|---|--|--|--|
| P7248 (4ft) 48" X 4.5"ht | CCT lumens 30 3000K FX 1600 lm <small>(400 lm/ft ; 5w/ft)</small> 35 3500K LO 2500 lm <small>(625 lm/ft ; 8w/ft)</small> 40 4000K HI 3500 lm <small>(875 lm/ft ; 12w/ft)</small> HX 4000 lm <small>(1000 lm/ft ; 14w/ft)</small> CL xxxx lm <small>custom lumens consult factory (1200-4400 lm)</small> | CCT lumens 30 3000K FX 1600 lm <small>(400 lm/ft ; 4w/ft)</small> 35 3500K LO 2500 lm <small>(625 lm/ft ; 7w/ft)</small> 40 4000K HI 3500 lm <small>(875 lm/ft ; 9w/ft)</small> HX 4000 lm <small>(1000 lm/ft ; 11w/ft)</small> NUL no uplight CL xxxx lm <small>custom lumens consult factory (1200-5600 lm)</small> | AP anodized paint BS brass BU blue BZ bronze CP champagne FB flat black GM gun metal MB military blue MW matte white OR orange RD red SB satin black SS satin silver TG textured gray YO yellow | WHPC white power cord and canopy BKPC black power cord and canopy SBPC silver braid power cord and white canopy | 3FT 36" cables 6FT 72" cables DCDM Dual circuit dimming <small>(requires second power cord)</small> ECXX color end caps <small>(XX = painted finish)</small> WREM wired for remote EM battery pack <small>(by other see note above)</small> |
| P7296* (8ft) 96" X 4.5"ht | 30 3000K FX 3300 lm <small>(375 lm/ft ; 5W/ft)</small> 35 3500K LO 5000 lm <small>(625 lm/ft ; 8W/ft)</small> 40 4000K HI 7100 lm <small>(875 lm/ft ; 12W/ft)</small> HX 8100 lm <small>(1012 lm/ft ; 14W/ft)</small> CL xxxx lm <small>custom lumens consult factory (3200-8800 lm)</small> | 30 3000K FX 3200 lm <small>(375 lm/ft ; 4w/ft)</small> 35 3500K LO 5000 lm <small>(625 lm/ft ; 6w/ft)</small> 40 4000K HI 7000 lm <small>(875 lm/ft ; 9w/ft)</small> HX 8100 lm <small>(1012 lm/ft ; 11w/ft)</small> NUL no uplight CL xxxx lm <small>custom lumens consult factory (3200-11000 lm)</small> | RAL specify RAL# | | |

matrix

Associated Product

