

job name:   
 type:

## flt.maxx™ spec sheet 90CRI

### material

#### trim ring

precision CNC spun .063" aluminum. rolled bottom edge for added strength.

#### diffuser

.177" non-glare light matte high transmission acrylic drop lens held in place with allen key set screws recessed into trim ring.

#### top lens (optional)

.125" vibrant gloss acrylic, available in white or a variety of colors. subtle glow.

### optics

#### reflector

.050" aluminum array platform painted high reflectance (>92%) matte white powder coat provides 90% downlight.

### LED

custom LED board in 3000K, 3500K, or 4000K (90+ cri standard).

under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data. white power cord is standard with other color options listed below.

### driver

integral, programmable, UL class P, class 2, universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature.

### mounting

5" dia. spun steel canopy in satin white is designed to mount to a 4" octagon junction box (by other). 12' stainless steel cable connects to field adjustable collector. An array of cables branch off and attach to trim with adjustable grippers. cable system allows for exact AFF mounting heights. sloped ceiling adapter.

### emergency

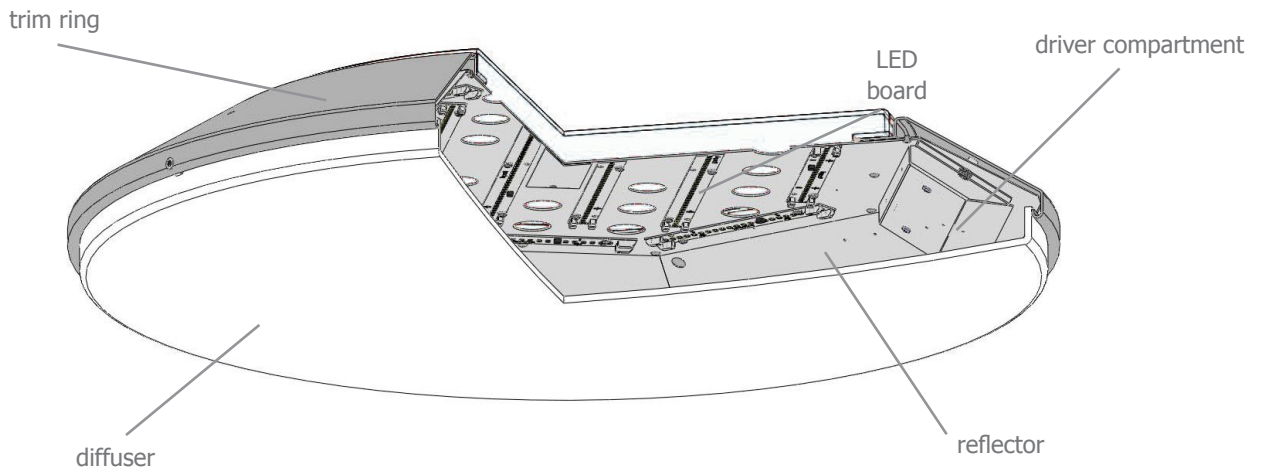
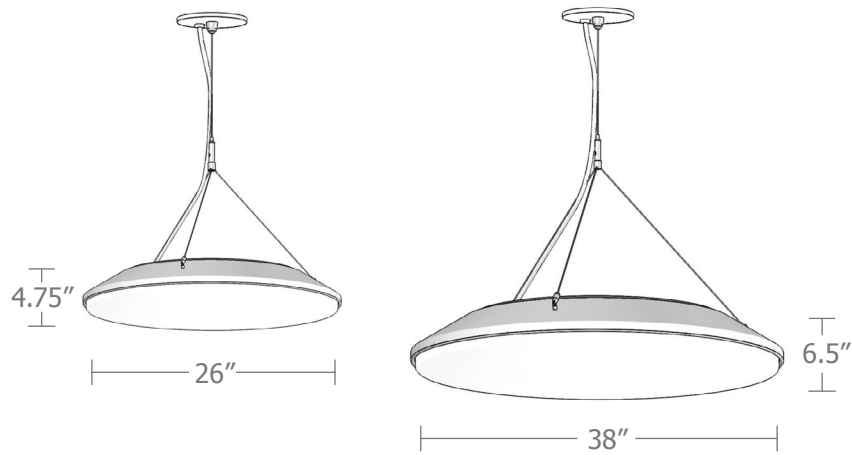
recommend use of inverter (by other).



## catalog number

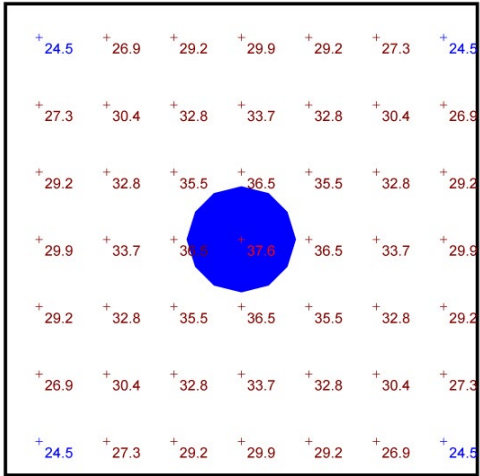
size	top lens	CCT	lumens	painting finish	power cord	options
<b>P7826</b> (2ft) 26"dia X 4.75"ht	<b>N</b> no top lens <small>(10% up light)</small> <b>A</b> amber <b>B</b> blue <b>R</b> red <b>W</b> white	<b>30</b> 3000K	<b>FX</b> 2600 lm	<b>AP</b> anodized paint <b>BS</b> brass <b>BU</b> blue <b>BZ</b> bronze <b>CP</b> champagne <b>FB</b> flat black <b>GM</b> gun metal <b>MB</b> military blue <b>MW</b> matte white <b>OR</b> orange <b>RD</b> red <b>SB</b> satin black <b>SS</b> satin silver <b>TG</b> textured gray <b>YO</b> yellow	<b>WHPC</b> white power cord and canopy <b>BKPC</b> black power cord and canopy <b>SBPC</b> silver braid power cord and white canopy	<b>WREM</b> wired for remote EM battery pack <small>(by other) (see note above)</small> <b>ELD</b> EldoLED* <b>LUT</b> Lutron* <small>*consult factory</small>
		<b>35</b> 3500K	<b>LO</b> 5100 lm			
		<b>40</b> 4000K	<b>HI</b> 8300 lm			
			<b>HX</b> 9700			
<b>P7838</b> (3ft) 38"dia X 6.75"ht		<b>30</b> 3000K	<b>FX</b> 5150 lm	<b>CL</b> xxxx lm <small>custom lumens consult factory</small>		
		<b>35</b> 3500K	<b>LO</b> 10200 lm			
		<b>40</b> 4000K	<b>HI</b> 16600 lm			
			<b>HX</b> 19400 lm			
			<b>CL</b> xxxx lm <small>custom lumens consult factory</small>			
				<b>premium finish</b> RAL specify RAL#		





### Typical Lighting Layout

- 14' x 14' x 20'H space
- 80/50/20 reflectances
- bottom of fixture at 16' aff
- FC readings at 2.5' aff
- layout conducted using 38" dia. unit with HI lumen 90 CRI package providing 16600 delivered lumens



**Plan View**  
Scale - 1" = 4ft

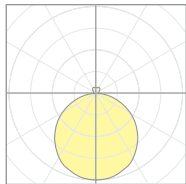
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
flt.maxx	+	30.9 fc	37.6 fc	24.5 fc	1.5:1	1.3:1



## Calculation Table

The application of a Light Loss Factor is required to:

- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



18689  
P7838 (no top lens)

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
<b>P7826 FX</b>	2600	30	<b>18685</b>	.38
<b>P7826 LO</b>	5100	59	<b>18685</b>	.75
<b>P7826 HI</b>	8300	96	<b>18685</b>	1.21
<b>P7826 HX</b>	9700	112	<b>18685</b>	1.42
<b>P7838 FX</b>	5150	59	<b>18688</b>	.70
<b>P7838 LO</b>	10200	118	<b>18688</b>	1.40
<b>P7838 HI</b>	16600	192	<b>18689</b>	1.40
<b>P7838 HX</b>	19400	224	<b>18689</b>	1.63

\*delivered lumens based on 4000K, 90+ cri

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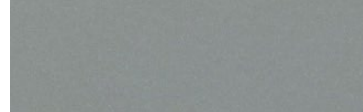
## Powder Coat Paint Finishes



**MW** matte white



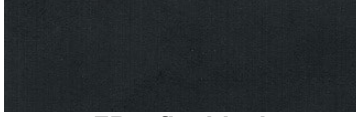
**AP** anodized paint



**SS** satin silver



**TG** textured gray



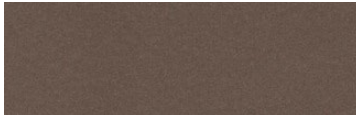
**FB** flat black



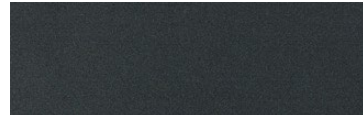
**SB** satin black



**CP** champagne



**BZ** bronze



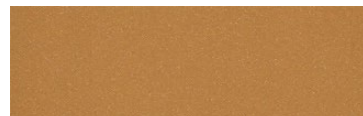
**GM** gun metal



**OR** orange 2011



**BU** blue 5017



**BS** brass



**RD** red 3020



**YO** yellow 1018



**MB** military blue

For accurate color verification, actual finish samples are available upon request.

## Premium Finishes\*



**RAL#**

\*Available on select series. Consult product submittal for availability.