

job name:   
 type:

## i.rod.6.hrz™ spec sheet 90CRI

### LED

flexible planar LED lighting sheet in 3000K, 3500K, or 4000K (90cri), utilizing emitters rated at >77,000hrs L<sub>70</sub> per TM21-11 from LM80 data. white power cord standard. optional silver braid power cord.

### end caps

comprised of two graduated diameter .100" thick aluminum plates. designed to center the acrylic diffuser and block light leaks. powder coat painted matte white.

### driver

in canopy, class 2, class P 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.

### diffuser

6" dia. .118" Satinice white acrylic cylinder, featuring light diffusion beads evenly distributed throughout the material for optimum light diffusion.

### mounting

7"dia. spun .064" aluminum canopy in matte white, 2 pt stainless steel cables and field adjustable grippers that allow for exact AFF mounting heights. non-powerfeed leg has 2" satin white canopy at top.

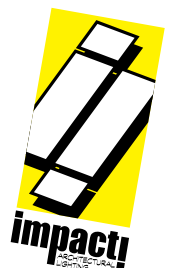
### emergency

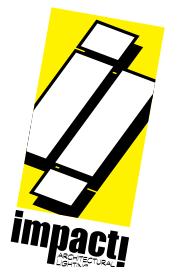
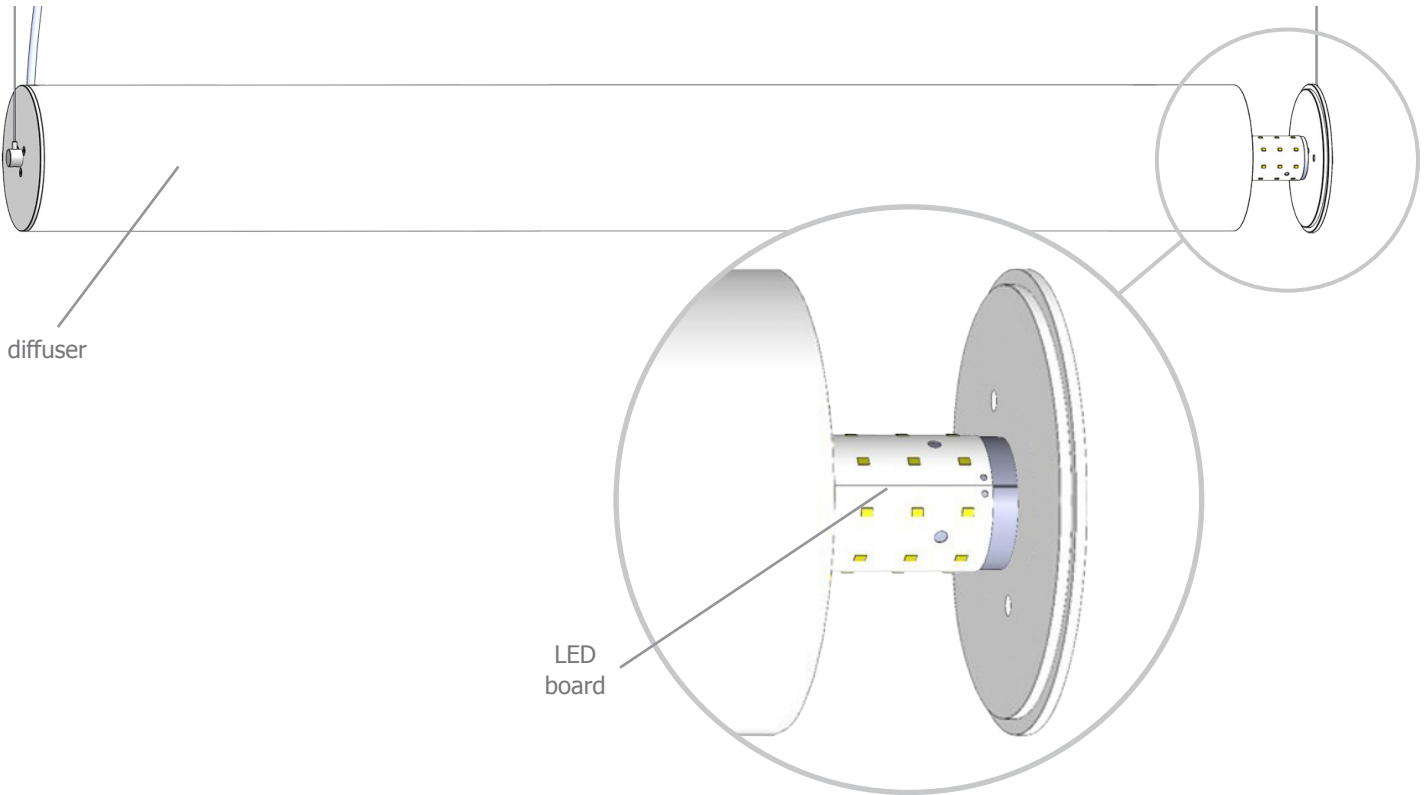
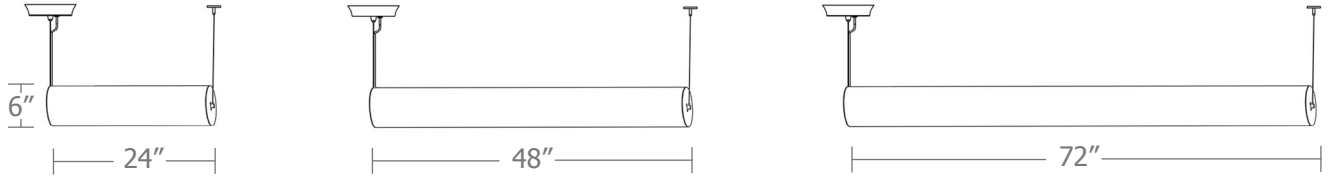
recommend use of inverter (by other).  
 optional WREM: wired for remote EM battery (by other).



## catalog number

size	CCT	lumens	power cord	options
<b>P9124 (2ft)</b> 6"dia X 24"long	<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K	<b>LO</b> 1400 lm <b>HI</b> 2150 lm <b>CL*</b> xxxx lm (940lm-3200lm) custom lumens consult factory	<b>WHPC</b> white power cord and canopy <b>SBPC</b> silver braid power cord and white canopy	<b>3FT</b> 36" cables <b>6FT</b> 72" cables <b>WREM</b> wired for remote EM battery pack (by other) (see note above) <b>ELD</b> EldoLED* <b>LUT</b> Lutron* *consult factory
<b>P9148 (4ft)</b> 6"dia X 48"long	<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K	<b>LO</b> 2400 lm <b>HI</b> 4300 lm <b>CL*</b> xxxx lm (1900lm-6450lm) custom lumens consult factory		
<b>P9172 (6ft)</b> 6"dia X 72"long	<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K	<b>LO</b> 3600 lm <b>HI</b> 6450 lm <b>HX</b> 7500 lm <b>CL*</b> xxxx lm (3000lm-9100lm) custom lumens consult factory		





# Calculation Table

The application of a Light Loss Factor is required to:

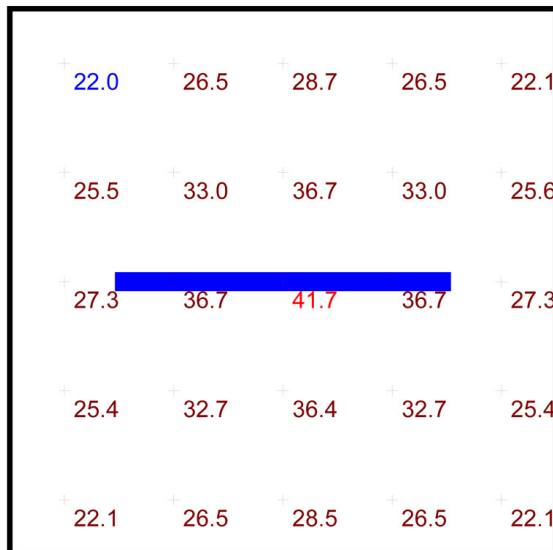
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
<b>P9124 LO</b>	1400	15	<b>12205</b>	.63
<b>P9124 HI</b>	2150	23	<b>12205</b>	.98
<b>P9148 LO</b>	2400	25	<b>12207</b>	.62
<b>P9148 HI</b>	4300	45	<b>12207</b>	1.06
<b>P9172 LO</b>	3600	38	<b>94267</b>	.59
<b>P9172 HI</b>	6450	68	<b>94267</b>	.94
<b>P9172 HX</b>	7500	79	<b>94267</b>	1.17

\*delivered lumens based on 4000K, 90 cri

## Typical Lighting Layout

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
i.rod.6.hrz	+	29.1 fc	41.7 fc	22.0 fc	1.9:1	1.3:1



Plan View  
Scale - 1" = 2ft

- 10' x 10' x 16'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using P9172 7500 lumens (HX) output unit

