

job name:
 type:

i.rod.4.hrz™ spec sheet 90CRI

LED

flexible planar LED lighting sheet in 3000K, 3500K, or 4000K (90cri), utilizing emitters rated at >77,000hrs L₇₀ 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

4" 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.

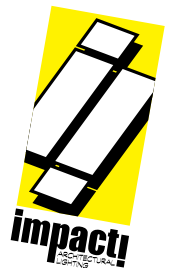
emergency

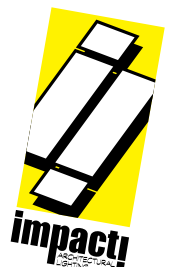
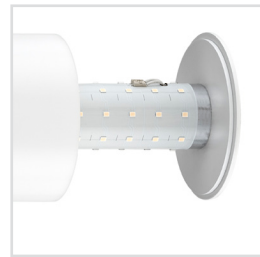
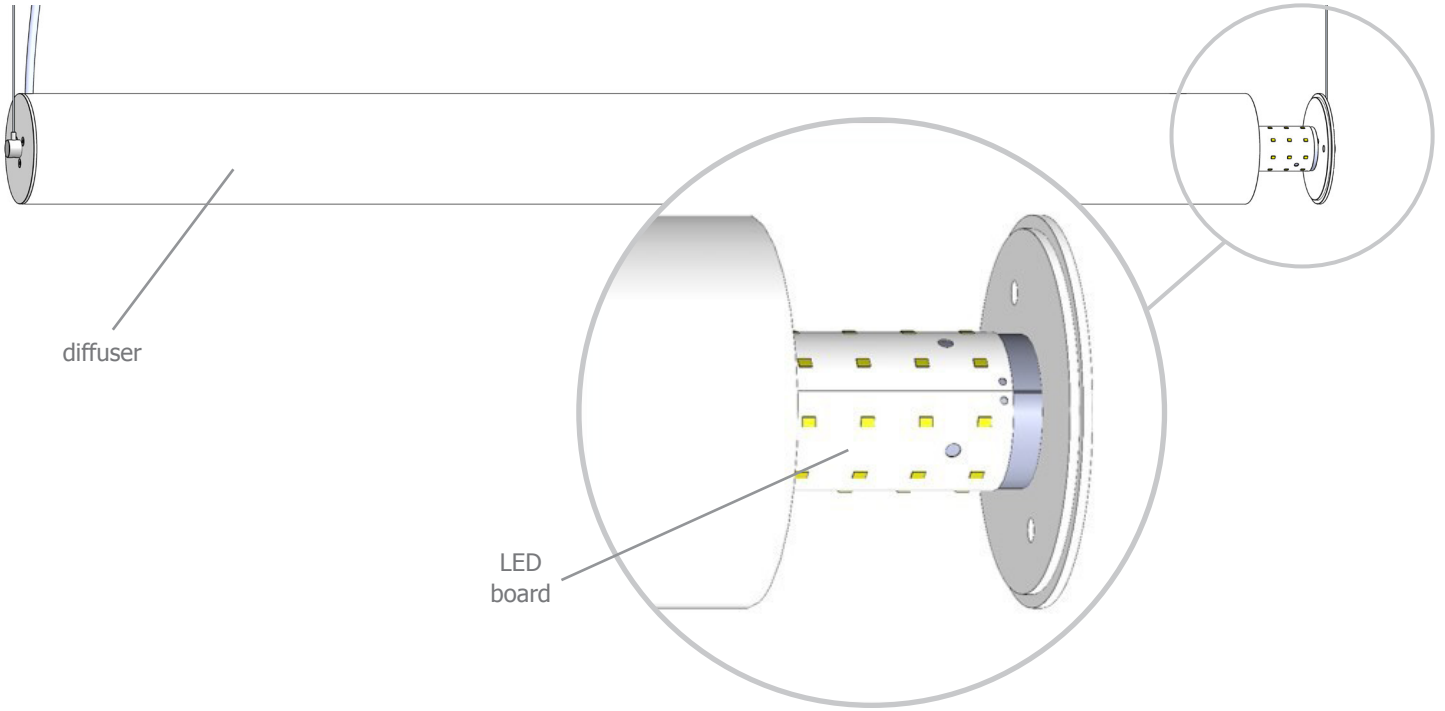
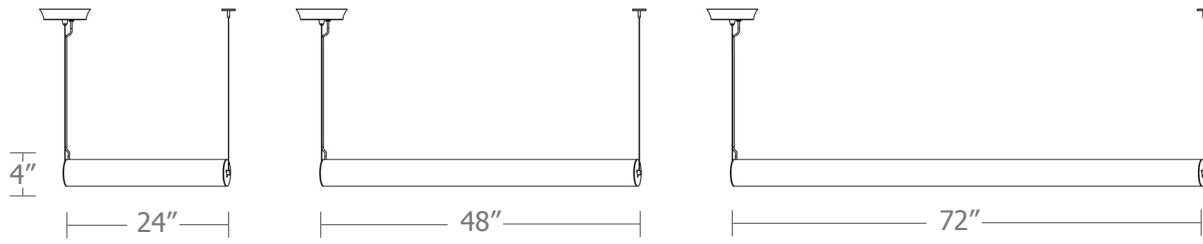
recommend use of inverter (by other).
 optional WREM: wired for remote EM battery (by other).



catalog number

size	CCT	lumens	power cord	options
P9224 (2ft) 4"dia X 24"long	30 3000K 35 3500K 40 4000K	LO 1400 lm HI 2150 lm CL* xxxx lm (940lm-3200lm) custom lumens consult factory	WHPC white power cord and canopy SBPC silver braid power cord and white canopy	3FT 36" cables 6FT 72" cables WREM wired for remote EM battery pack (by other) (see note above) ELD EldoLED* LUT Lutron* *consult factory
P9248 (4ft) 4"dia X 48"long	30 3000K 35 3500K 40 4000K	LO 2400 lm HI 4300 lm CL* xxxx lm (1900lm-6450lm) custom lumens consult factory		
P9272 (6ft) 4"dia X 72"long	30 3000K 35 3500K 40 4000K	LO 3600 lm HI 6450 lm HX 7500 lm CL* xxxx lm (3000lm-9100lm) custom lumens consult factory		

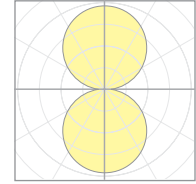




Calculation Table

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



12207
P9248-40HI

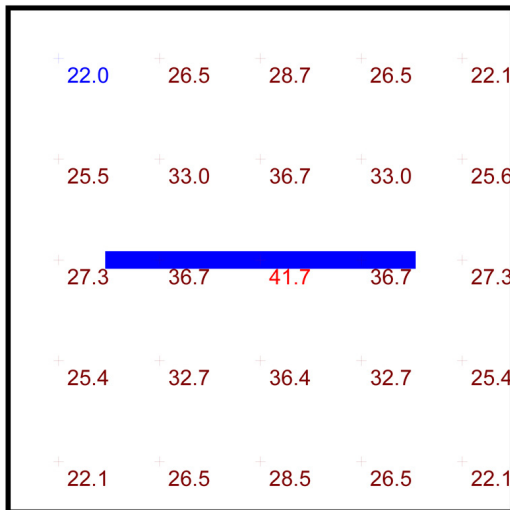
Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P9224 LO	1400	15	12205	.63
P9224 HI	2150	23	12205	.98
P9248 LO	2400	25	12207	.62
P9248 HI	4300	45	12207	1.06
P9272 LO	3600	38	94267	.59
P9272 HI	6450	68	94267	.94
P9272 HX	7500	79	94267	1.17

*delivered lumens based on 4000K, 90 cri

Typical Lighting Layout

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
i.rod.4.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 10'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using P9272 7500 lumens (HX) output unit

