

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. silver braid power cord standard.

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

programmable, 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. remote driver enclosure standard. consult factory for distances over 33 feet.

diffuser

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

mounting

5" matte white canopy. 2 pt stainless steel cables and field adjustable grippers that allows for exact AFF mounting heights. non-powerfeed leg has 2" satin white canopy at top. silver braid power cord standard.

CDVR (optional)

7"dia. spun .064" aluminum canopy in matte white. surface mounted driver.

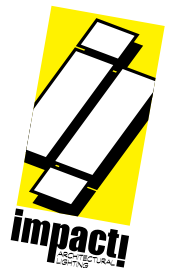
emergency

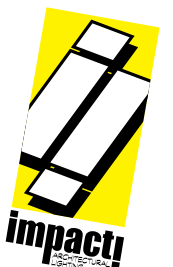
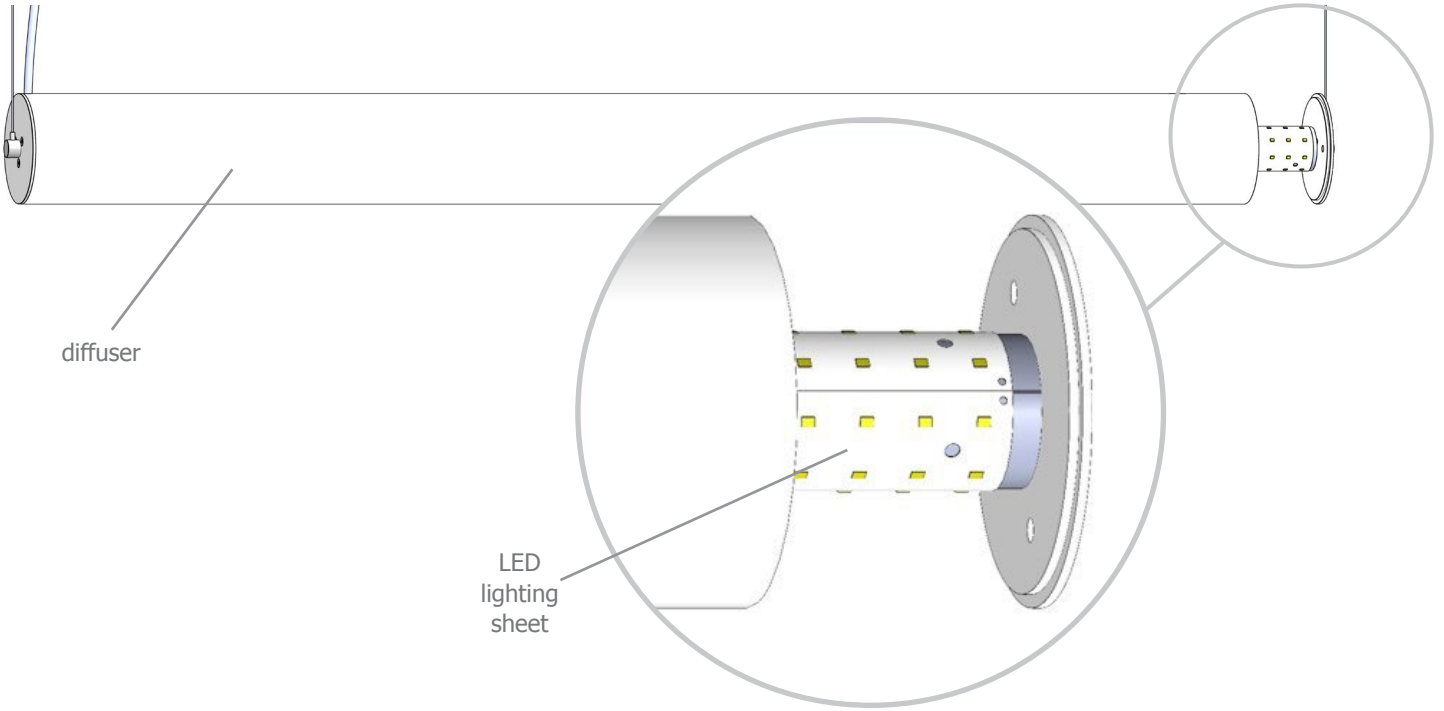
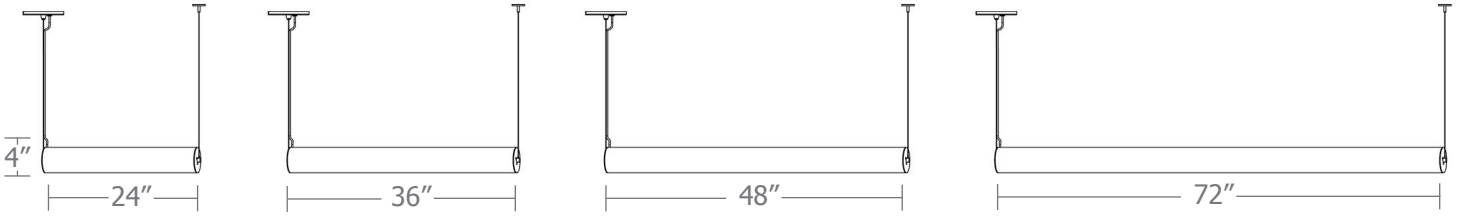
recommend use of inverter (by other).
 optional WREM: wired for remote EM battery (by other).



catalog number

size	CCT	lumens	options
P9224.LV (2ft) 4"dia X 24"long	30 3000K	LO 1400 lm	3FT 36" cables
	35 3500K	HI 2150 lm	6FT 72" cables
	40 4000K	CL* xxxx lm (940lm-3200lm) <small>custom lumens consult factory</small>	CDVR surface-mounted driver canopy
P9236.LV (3ft) 4"dia X 36"long	30 3000K	LO 1880 lm	WREM wired for remote EM battery pack <small>(by other) (see note above)</small>
	35 3500K	HI 3750 lm	ELD EldoLED*
	40 4000K	CL* xxxx lm (1400lm-4570lm) <small>custom lumens consult factory</small>	LUT Lutron* <small>*consult factory</small>
P9248.LV (4ft) 4"dia X 48"long	30 3000K	LO 2400 lm	
	35 3500K	HI 4300 lm	
	40 4000K	CL* xxxx lm (1900lm-6450lm) <small>custom lumens consult factory</small>	
P9272.LV (6ft) 4"dia X 72"long	30 3000K	LO 3600 lm	
	35 3500K	HI 6450 lm	
	40 4000K	HX 7500 lm	
		CL* xxxx lm (3000lm-9100lm) <small>custom lumens consult factory</small>	

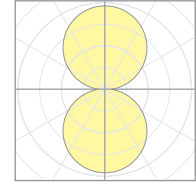




Calculation Table

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

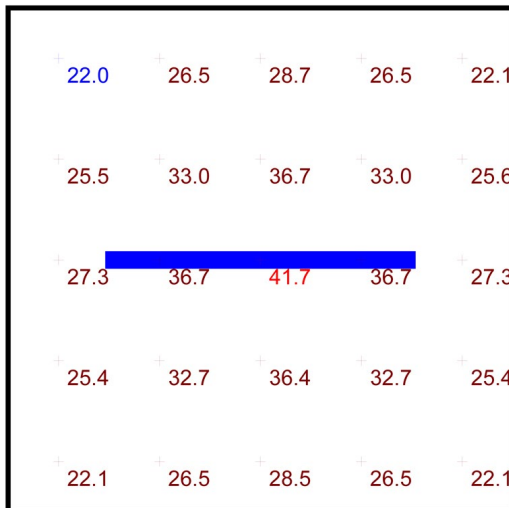
Cat No		Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P9224.LV	LO	1400	15	12205	.63
P9224.LV	HI	2150	23	12205	.98
P9236.LV	LO	1880	20	12205	.85
P9236.LV	HI	3750	40	12205	1.70
P9248.LV	LO	2400	25	12207	.59
P9248.LV	HI	4300	45	12207	1.06
P9272.LV	LO	3600	38	94267	.56
P9272.LV	HI	6450	68	94267	1.01
P9272.LV	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

