

i.rod.4™ 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, single stainless steel cable and field adjustable gripper that allows for exact AFF mounting heights.

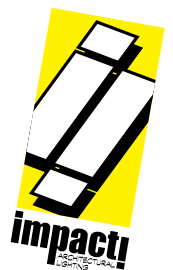
emergency

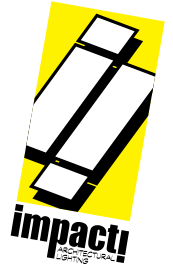
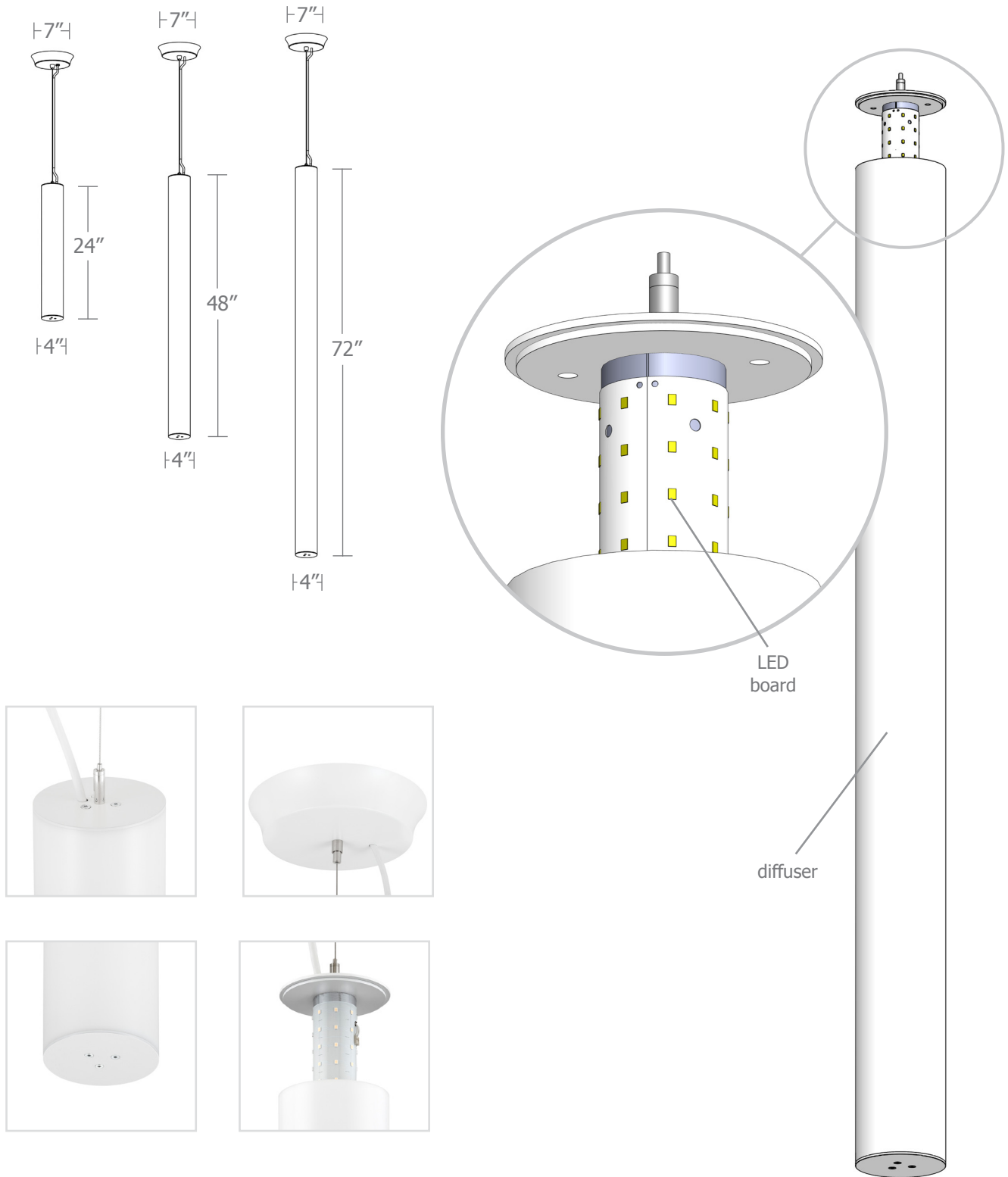
recommend use of inverter (by other).
 optional WREM: wired for remote EM battery (by other).



catalog number

size	CCT	lumens	power cord	options
P9324 (2ft) 4"dia X 24"ht	30 3000K	LO 1400 lm	WHPC white power cord and canopy SBPC silver braid power cord and white canopy	6FT 72" cables
	35 3500K	HI 2150 lm		12FT 144" cables
	40 4000K	CL* xxxx lm (940lm-3200lm) <small>custom lumens consult factory</small>		WREM wired for remote EM battery pack (by other) (see note above)
P9348 (4ft) 4"dia X 48"ht	30 3000K	LO 2400 lm		ELD EldoLED*
	35 3500K	HI 4300 lm		LUT Lutron* <small>*consult factory</small>
	40 4000K	CL* xxxx lm (1900lm-6450lm) <small>custom lumens consult factory</small>		
P9372 (6ft) 4"dia X 72"ht	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>		

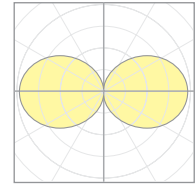




Calculation Table

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



12208
P9348-40HI

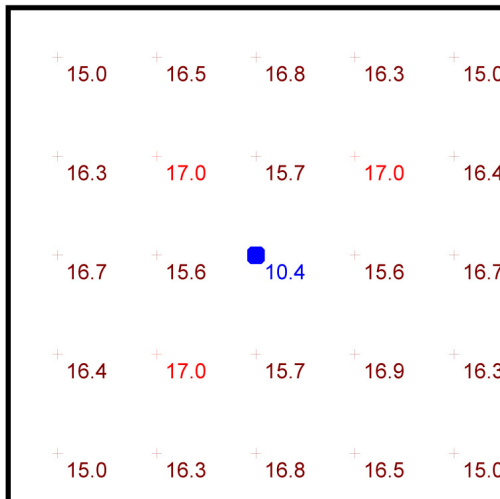
Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P9324 LO	1400	15	12206	.67
P9324 HI	2150	23	12206	1.03
P9348 LO	2400	25	12208	.59
P9348 HI	4300	45	12208	1.00
P9372 LO	3600	38	12208	.88
P9372 HI	6450	68	12208	1.40
P9372 HX	7500	79	12208	1.75

*delivered lumens based on 4000K, 90 cri

Typical Lighting Layout

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
i.rod.4	+	16.0 fc	17.0 fc	10.4 fc	1.6:1	1.5:1



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 P9372 7500 lumens (HX) output unit

