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 L_{70} per TM21-11 from LM80 data. silver braid power cord standard.

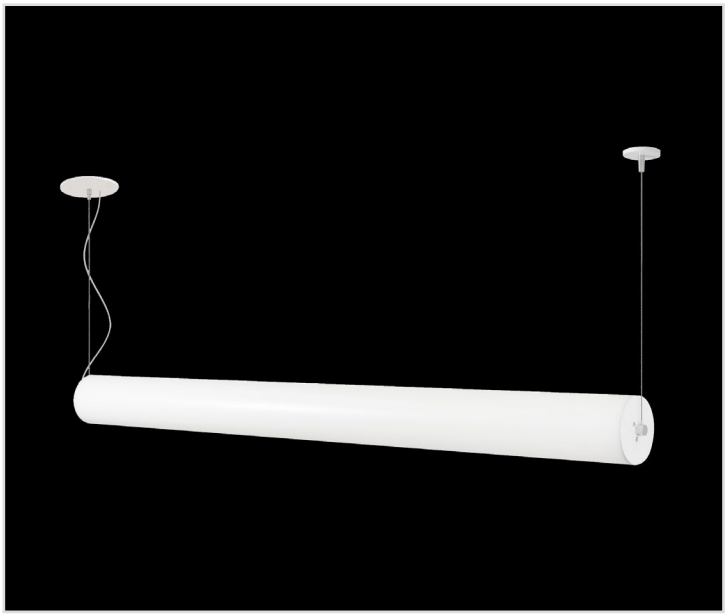
end caps
comprised of two graduated diameter .100" thick aluminum plates. designed to center the acrylic diffuser and block light leaks. powder coat painted matte white.

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
P9224.LV (2ft) 4"dia X 24"long	**30** 3000K	**LO** 1400 lm
	35 3500K	**HI** 2150 lm
	40 4000K	**CL*** xxxx lm (940lm-3200lm) custom lumens consult factory
P9236.LV (3ft) 4"dia X 36"long	**30** 3000K	**LO** 1880 lm
	35 3500K	**HI** 3750 lm
	40 4000K	**CL*** xxxx lm (1400lm-4570lm) custom lumens consult factory
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) custom lumens consult factory
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) custom lumens consult factory

options

3FT	36" cables
6FT	72" cables
CDVR	surface-mounted driver canopy
WREM	wired for remote EM battery pack (by other) (see note above)
ELD	EldoLED*
LUT	Lutron* *consult factory

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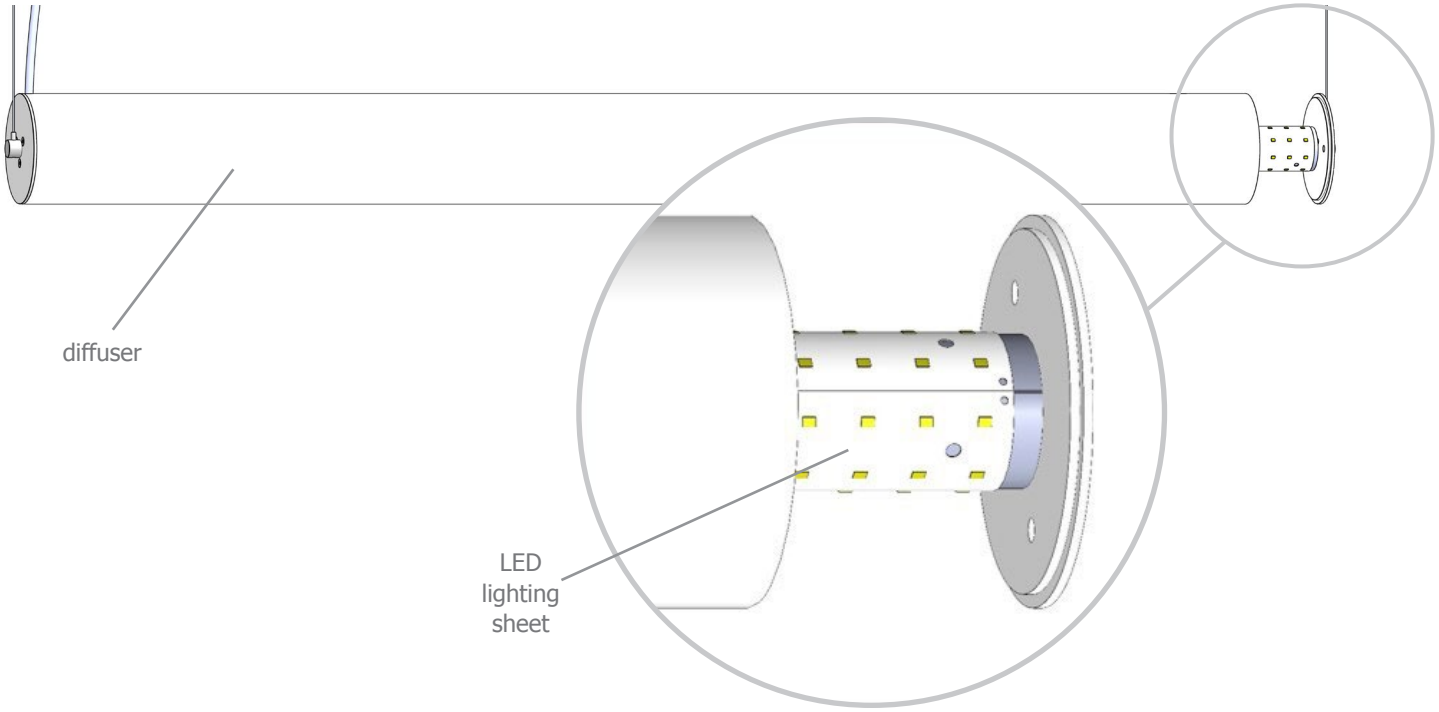

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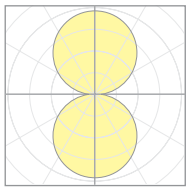
Calculation Table

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
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

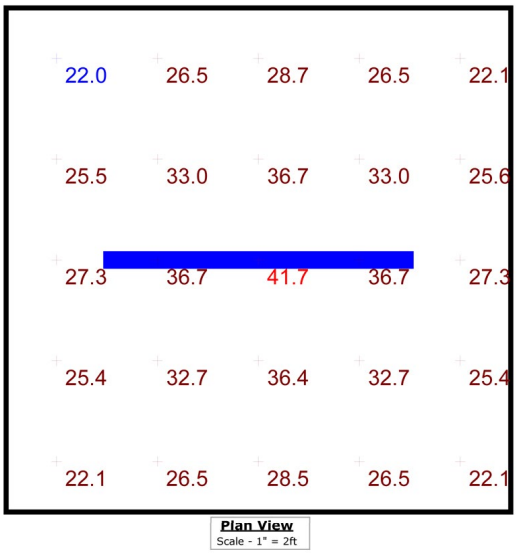


12207
P9248-40HI

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



- 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