

job name:

type:

i.rod.4™ cluster spec sheet 90CRI

LED

body illumination

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. bottom end cap features no visible hardware.

driver (in canopy)

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.

diffuser

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

mounting

canopy mounted drivers (standard)

18" dia x 2" ht matte white canopy. stainless steel cables and field adjustable grippers that allow for exact AFF mounting heights. silver braid power cord standard.

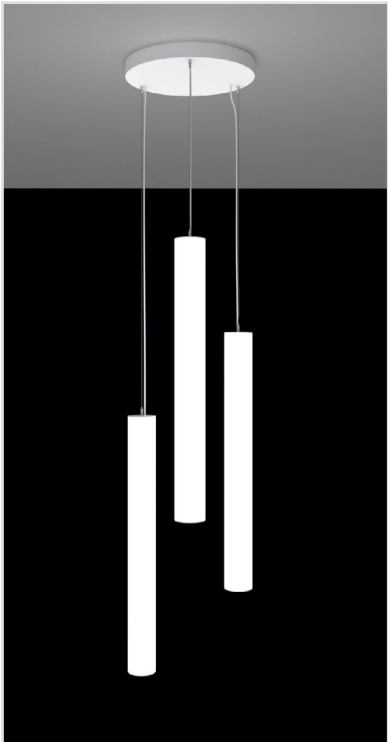
remote enclosure (.LV) (optional)

the standard drivers can be remote mounted up to 33ft from the LED. suspension length should be considered in distance. remote enclosure supplied. for distances greater than 33ft consult factory. for Chicago Plenum installation consult factory.

emergency

recommend use of inverter (by other).

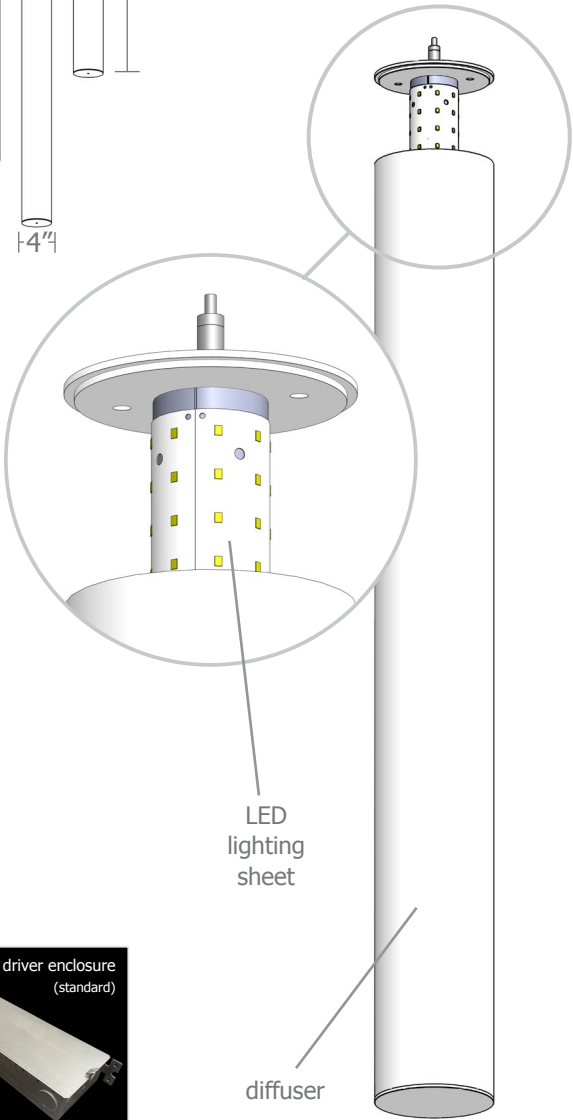
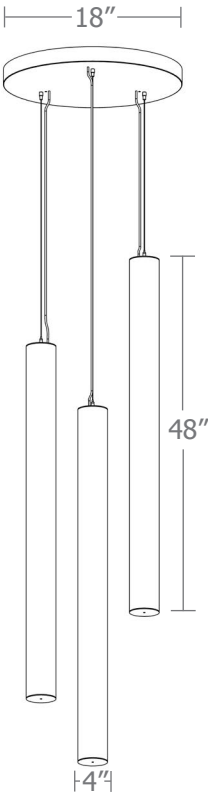
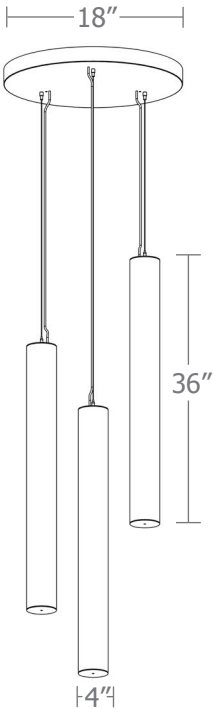
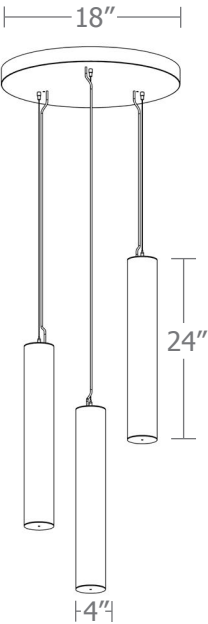
optional WREM: wired for remote EM battery (by other).



catalog number

size	CCT	lumens per fixture	options
P9324.3CL drivers in canopy	30 3000K	LO 1400 lm	6FT 72" cable
P9324.3CL.LV remote enclosure 4"dia X 24"ht	35 3500K	HI 2150 lm	WREM wired for remote EM battery pack (by other) (see note above)
	40 4000K	CL* xxxx lm (940lm-3200lm) custom lumens consult factory	
P9336.3CL drivers in canopy	30 3000K	LO 1880 lm	
P9336.3CL.LV remote enclosure 4"dia X 36"ht	35 3500K	HI 3750 lm	
	40 4000K	CL* xxxx lm (1400lm-4570lm) custom lumens consult factory	
P9348.3CL) drivers in canopy	30 3000K	LO 2400 lm	
P9348.3CL.LV remote enclosure 4"dia X 48"ht	35 3500K	HI 4300 lm	
	40 4000K	CL* xxxx lm (1900lm-6450lm) custom lumens consult factory	



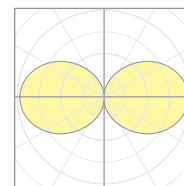
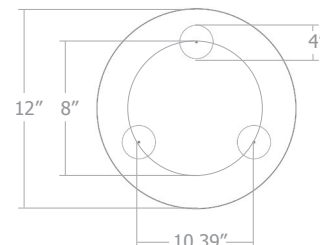


Calculation Table

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
P9306.LV	LO	400	4	12206	.119
P9306.LV	HI	740	8	12206	.35
P9312.LV	LO	995	10	12206	.48
P9312.LV	HI	1400	15	12206	.67
P9324.LV	LO	1400	15	12206	.67
P9324.LV	HI	2150	23	12206	1.03
P9336.LV	LO	1880	20	12206	.90
P9336.LV	HI	3750	40	12206	1.80
P9348.LV	LO	2400	25	12208	.56
P9348.LV	HI	4300	45	12208	1.00
P9372.LV	LO	3600	38	12208	.84
P9372.LV	HI	6450	68	12208	1.51
P9372.LV	HX	7500	79	12208	1.75

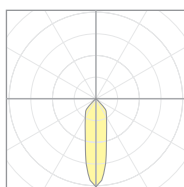


12208
P9348-40HI

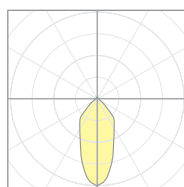
*delivered lumens based on 4000K, 90 cri

Downlight	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
	1300	14	20921 spot	.40
			20922 med	.40
			20923 wide	.40
			20924 x-wide	.40

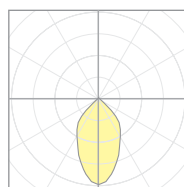
*delivered lumens based on 4000K, 90+ cri



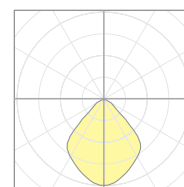
20921
P7506-S-40H3
S 20° spot



20922
P7506-M-40H3
M 30° med



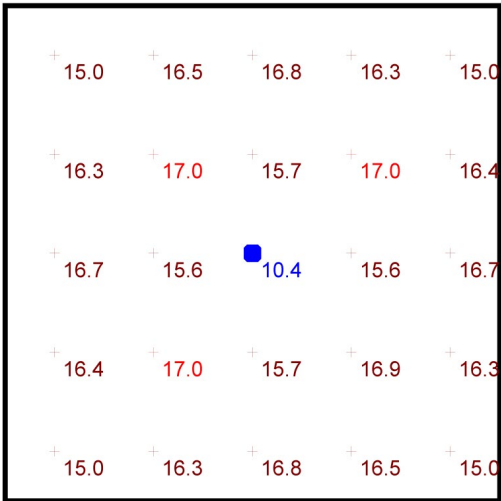
20923
P7506-W-40H3
W 50° wide



20924
P7506-EW-40H3
XW 90° extra wide

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