

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 L<sub>70</sub> 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.

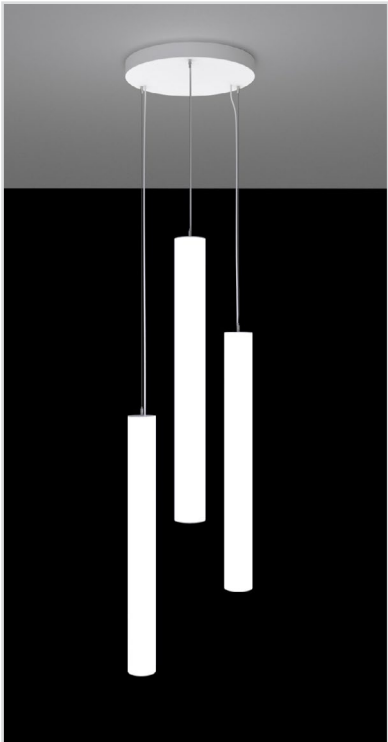
**driver (in canopy)**  
programmable, class 2, class P universal input (120-277v), constant current, 0-10v dimming, 1% minimum dimming level, PF >.9, THD <20%, protections include open and short circuit, overload and over temperature. remote driver enclosure standard. consult factory for distances over 33 feet.

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

**mounting**  
**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.

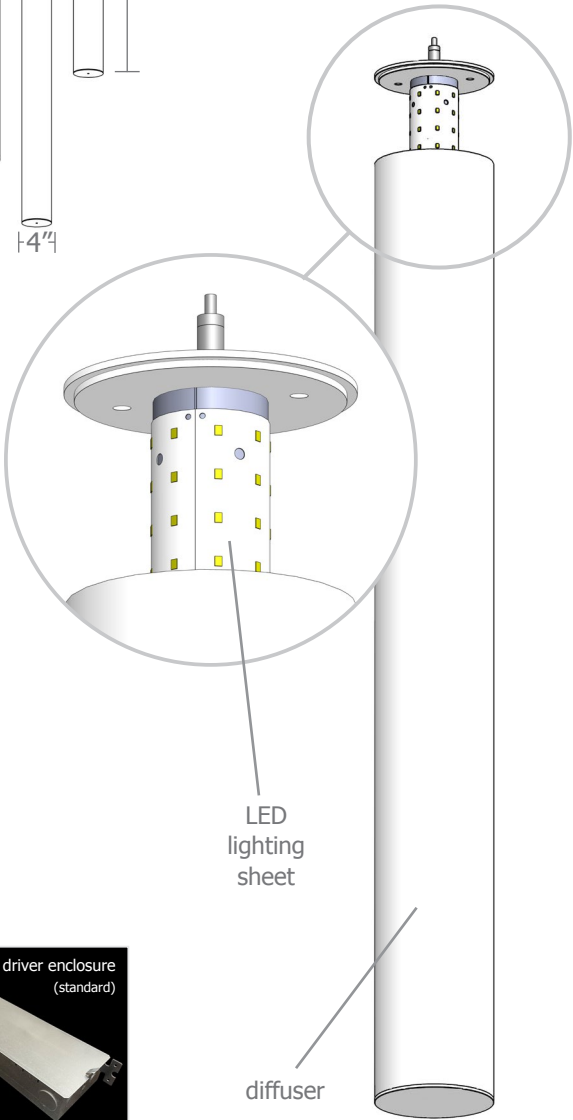
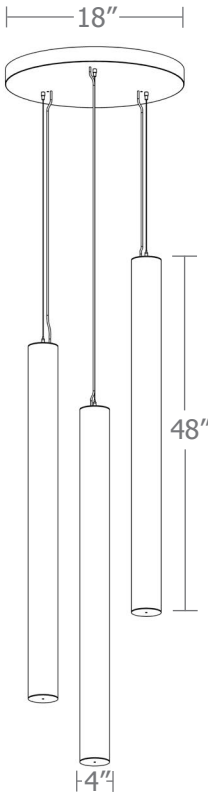
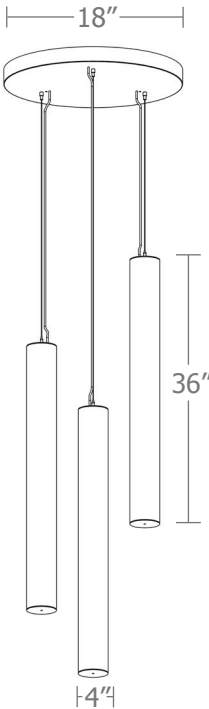
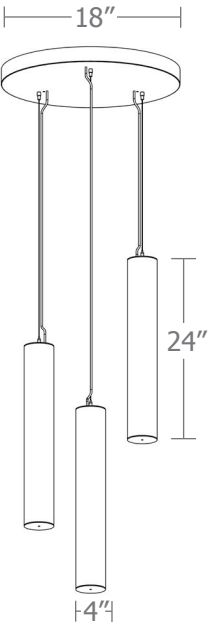
**emergency**  
recommend use of inverter (by other).  
optional WREM: wired for remote EM battery (by other).



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



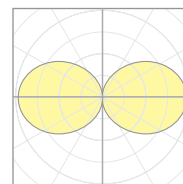


## Calculation Table

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*<br>Lumens | Watts<br>120V / 277V | IES File # | LLF to<br>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                 |

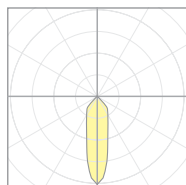


12208  
P9348-40HI

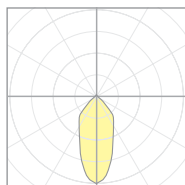
\*delivered lumens based on 4000K, 90 cri

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

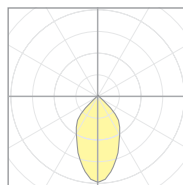
\*delivered lumens based on 4000K, 90+ cri



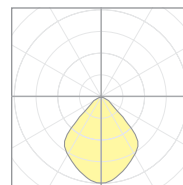
20921  
P7506-S-40H3  
S 20° spot



20922  
P7506-M-40H3  
M 30° med



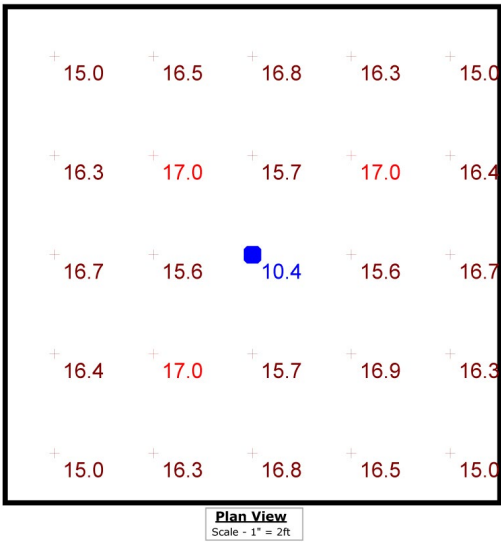
20923  
P7506-W-40H3  
W 50° wide



20924  
P7506-EW-40H3  
XW 90° extra wide

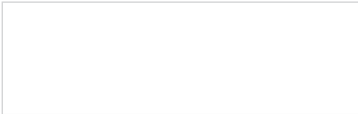
Typical Lighting Layout

| 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   |



- 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

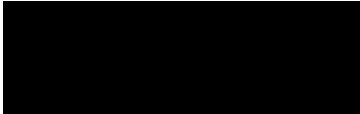
Downlight Housing Finish



MW matte white



AN silver anodized



ANB anodized black