



job name:

type:

36"/48" wāf.r.3™ spec sheet 90CRI

**material**  
**trim ring**  
wafer thin 3" h roll formed aluminum extrusion. 6061 T1 alloy. .100 typ. wall. available in 15 standard powder coat paint finishes listed below. premium RAL and wood finishes also available.

**diffuser**  
satinice WD855 minimum 72% light transmission, light scattering, glare reduction, colorless diffusion acrylic.

**optics**  
**reflector**  
.080" aluminum array platform painted high reflectance (>92%) matte white powder coat provides 100% downlight. for uplight, specify under options.

**LED**  
specification-grade LED modules with integrated batwing optics to minimize diffusion depth and increase illumination uniformity. 90+ CRI. L80>72,000 hrs. 3000K, 3500K, 4000K.

**driver**  
integral, programmable, UL class P, class2, universal input (120-277v), constant current, 0-10v controllable, 1% minimum dimming level. complies with Energy Star®, DLC (DesignLights Consortium™), and CA Title 24 technical requirements.

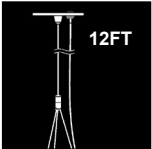
**mounting**  
5" dia. spun steel canopy in satin white is designed to mount to a 4" octagon junction box (by other). 6' tripod suspension of stainless steel cables attaches to reflector with field adjustable grippers that allow for exact AFF mounting heights. slip ring coupler at ceiling allows for easy wire connections. or select 12ft adjustable suspension. (drawing below)

**finish**  
select from 15 standard powder coat paint finishes listed below. premium RAL and wood finishes also available.

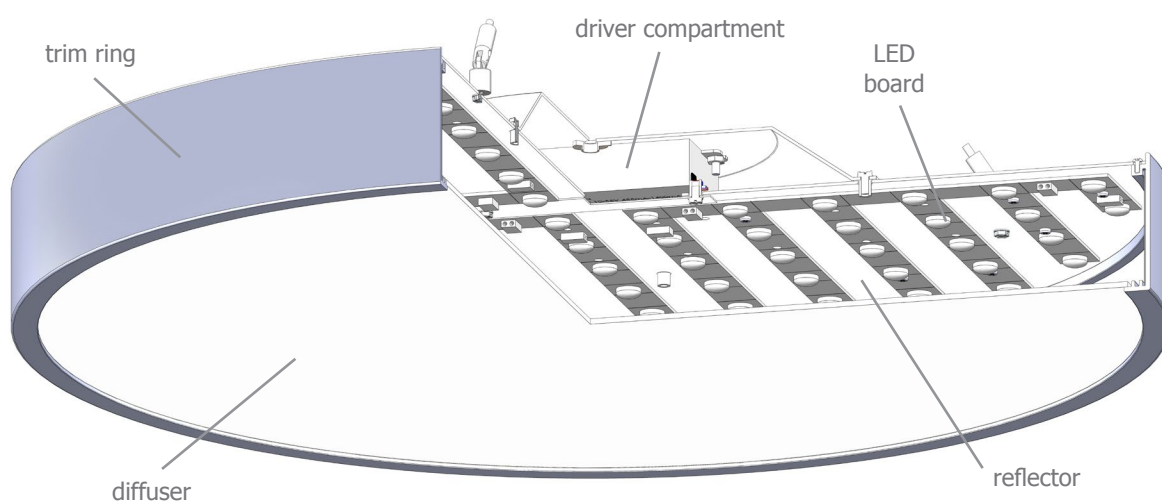
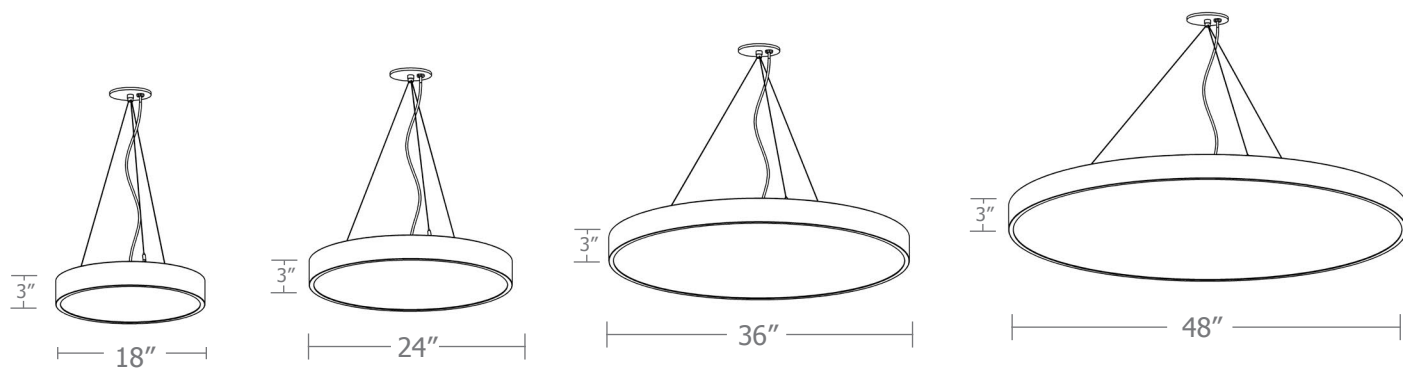
**emergency**  
recommend use of inverter (by other). optional WREM: wired for remote EM battery (by other).



catalog number

| size                                | CCT                                                   | lumens                                                                                                                                                         | paint                                                                                                                                                                                                                                                                                                                                              | power cord                                                                                                                                 | options                                                                                                                                                                                                                        |
|-------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P5636</b><br>(3ft) 36"dia X 3"ht | <b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K | <b>FX</b> 4900 lm<br><b>LO</b> 7400 lm<br><b>HI</b> 9200 lm<br><b>HX</b> 13900 lm<br><b>CL</b> xxxx lm<br>custom lumens<br>consult factory<br>4900 - 13900 lm  | <b>AP</b> anodized paint<br><b>BS</b> brass<br><b>BU</b> blue<br><b>BZ</b> bronze<br><b>CP</b> champagne<br><b>FB</b> flat black<br><b>GM</b> gun metal<br><b>MB</b> military blue<br><b>MW</b> matte white<br><b>OR</b> orange<br><b>RD</b> red<br><b>SB</b> satin black<br><b>SS</b> satin silver<br><b>TG</b> textured gray<br><b>YO</b> yellow | <b>WHPC</b> white power cord and canopy<br><b>BKPC</b> black power cord and canopy<br><b>SBPC</b> silver braid power cord and white canopy | <b>6FT</b> 72" adj cables<br><b>12FT</b> 12ft adj suspension<br><b>UP</b> uplight<br><b>WREM</b> wired for remote EM battery pack (by other) (see note above)<br><b>ELD</b> EIdoLED*<br><b>LUT</b> Lutron*<br>*consult factory |
| <b>P5648</b><br>(4ft) 48"dia X 3"ht | <b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K | <b>FX</b> 8100 lm<br><b>LO</b> 11600 lm<br><b>HI</b> 14800 lm<br><b>HX</b> 23000 lm<br><b>CL</b> xxxx lm<br>custom lumens<br>consult factory<br>2700 - 7000 lm | <b>premium finish</b><br><b>RAL</b> specify RAL#<br><b>wood finish</b><br><b>ASH</b> ashwood<br><b>ENG</b> english brown oak<br><b>ESP</b> espresso                                                                                                                                                                                                |                                                                                                                                            |                                                                                                                                           |
|                                     | <b>RGBW35</b><br><b>TW2765</b>                        | RGBW 3500K<br>tunable white<br>2700K - 6500K                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                                                                                |
|                                     | <b>RGBW35</b><br><b>TW2765</b>                        | RGBW 3500K<br>tunable white<br>2700K - 6500K                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                            |                                                                                                                                                                                                                                |

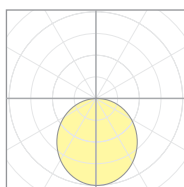




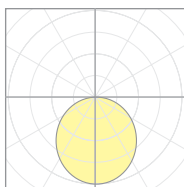
## Calculation Table

The application of a Light Loss Factor is required to:

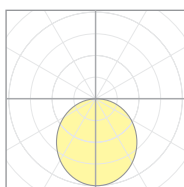
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



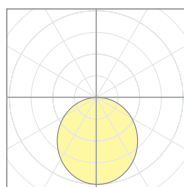
**L062510501**  
P5618-40HI



**L062510503**  
P5624-40HI



**L062510504**  
P5636-40HI



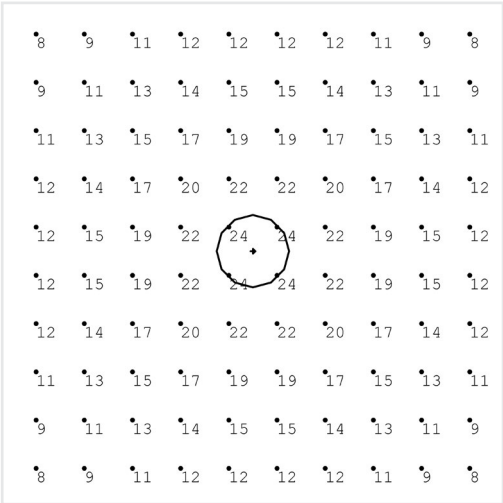
**L062510505**  
P5648-40HI

| Cat No          | Delivered*<br>Lumens | Watts<br>120V / 277V | IES File #       | LLF to<br>be applied |
|-----------------|----------------------|----------------------|------------------|----------------------|
| <b>P5618 FX</b> | 1350                 | 15                   | <b>L06251051</b> | .43                  |
| <b>P5618 LO</b> | 2350                 | 30                   | <b>L06251051</b> | .74                  |
| <b>P5618 HI</b> | 2700                 | 36                   | <b>L06251051</b> | .85                  |
| <b>P5624 FX</b> | 2700                 | 27                   | <b>L06251053</b> | .43                  |
| <b>P5624 LO</b> | 4100                 | 43                   | <b>L06251053</b> | .65                  |
| <b>P5624 HI</b> | 4900                 | 52                   | <b>L06251053</b> | .77                  |
| <b>P5624 HX</b> | 7000                 | 79                   | <b>L06251053</b> | 1.11                 |
| <b>P5636 FX</b> | 4900                 | 47                   | <b>L06251054</b> | .40                  |
| <b>P5636 LO</b> | 7400                 | 70                   | <b>L06251054</b> | .60                  |
| <b>P5636 HI</b> | 9200                 | 90                   | <b>L06251054</b> | .74                  |
| <b>P5636 HX</b> | 13900                | 148                  | <b>L06251054</b> | 1.12                 |
| <b>P5648 FX</b> | 8100                 | 72                   | <b>L06251055</b> | .39                  |
| <b>P5648 LO</b> | 11600                | 107                  | <b>L06251055</b> | .56                  |
| <b>P5648 HI</b> | 14800                | 142                  | <b>L06251055</b> | .72                  |
| <b>P5648 HX</b> | 23000                | 231                  | <b>L06251055</b> | 1.12                 |

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

Typical Lighting Layout

- 20' x 20' x 18'H space
- 80/50/20 reflectances
- bottom of fixture at 15' aff
- FC readings at 2.5' aff
- layout conducted using HI lumen package (9200 delivered lumens)

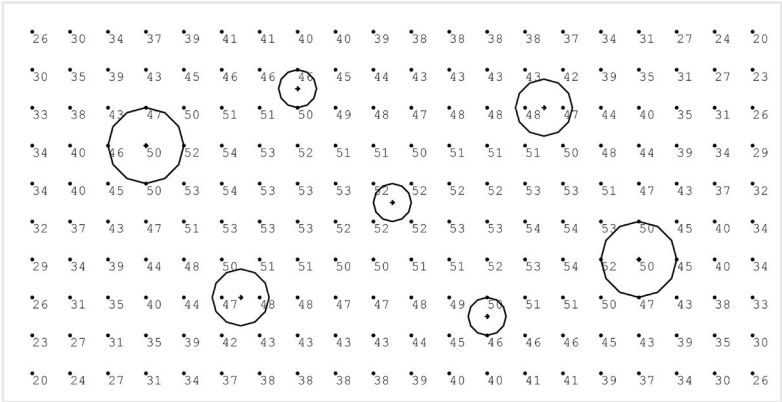


| Schedule |     |                               |                                   |             |             |       |
|----------|-----|-------------------------------|-----------------------------------|-------------|-------------|-------|
| Symbol   | Qty | Manufacturer                  | Test#                             | Description | LED         | LLF   |
|          | 1   | Impact Architectural Lighting | L062510504 . P5636 40HI . WAF_R_3 | P5636 40 HI | 4000K 90CRI | 0.740 |

| Statistics           |          |       |      |         |         |
|----------------------|----------|-------|------|---------|---------|
| Description          | Avg      | Max   | Min  | Max/Min | Avg/Min |
| waf.r.3 36" diameter | 14.64 fc | 24 fc | 8 fc | 3.00    | 1.83    |

Typical Lighting Layout

- 40' x 20' x 18'H space
- 80/50/20 reflectances
- bottom of fixture at 15' aff
- FC readings at 2.5' aff
- layout conducted using LO lumen package  
24" - 4100 lm  
36" - 7400 lm  
48" - 11600 lm

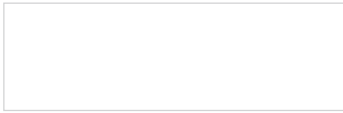


| Schedule |     |                               |                                   |             |             |     |
|----------|-----|-------------------------------|-----------------------------------|-------------|-------------|-----|
| Symbol   | Qty | Manufacturer                  | Test#                             | Description | LED         | LLF |
|          | 2   | Impact Architectural Lighting | L062510504 . P5636 40HI . WAF_R_3 | P5636 40LO  | 4000K 90CRI | .60 |
|          | 3   | Impact Architectural Lighting | L062510503 . P5624 40HI . WAF_R_3 | P5624 40LO  | 4000K 90CRI | .65 |
|          | 2   | Impact Architectural Lighting | L062510505 . P5648 40HI . WAF_R_3 | P5648 40LO  | 4000K 90CRI | .56 |

| Statistics                        |          |       |       |         |         |
|-----------------------------------|----------|-------|-------|---------|---------|
| Description                       | Avg      | Max   | Min   | Max/Min | Avg/Min |
| waf.r.3 24", 36", & 48" diameters | 42.43 fc | 54 fc | 20 fc | 2.70    | 2.12    |



## Powder Coat Paint Finishes



**MW** matte white



**AP** anodized paint



**SS** satin silver



**TG** textured gray



**FB** flat black



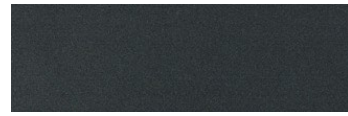
**SB** satin black



**CP** champagne



**BZ** bronze



**GM** gun metal



**OR** orange 2011



**BU** blue 5017



**BS** brass



**RD** red 3020



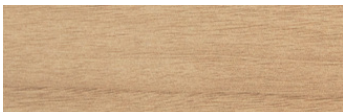
**YO** yellow 1018



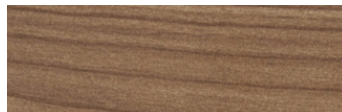
**MB** military blue

## Premium Finishes\*

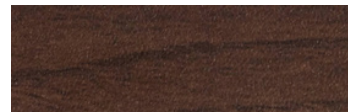
### Wood Finishes



**ASH** ashwood



**ENG** english brown oak



**ESP** espresso

For accurate color verification, actual finish samples are available upon request.



**RAL#**

\*Available on select series. Consult product submittal for availability.

