

specifications
subject
to change

© 2025
rev. 12/13/2025

job name:

type:

36" z.rō™ spec sheet 90CRI

material
trim ring
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. satin black canopy standard on wood finishes.

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

reflector
internal White Optics film, 97% reflective and highly diffuse, ensures consistent performance across all trim finishes.

LED
premium architectural grade flexible LED PCB in 3000K, 3500K, or 4000K. (90+ cri standard). under normal operating conditions, the LEDs employed are rated for >50,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data.

driver (remote)
programmable, UL class P, class2, universal input (120-277v), constant current, 0-10v controllable, 1% minimum dimming level. remote driver enclosure standard. consult factory for distances over 33 feet.

mounting
5" dia. spun steel canopy painted to match trim is designed to mount to a 4" octagon junction box (by other). satin black canopy standard on wood finishes. 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)

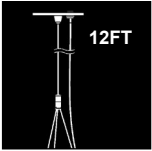
finish
select from 15 standard powder coat paint finishes listed below. premium RAL and wood finishes also available. satin black canopy standard on wood finishes.

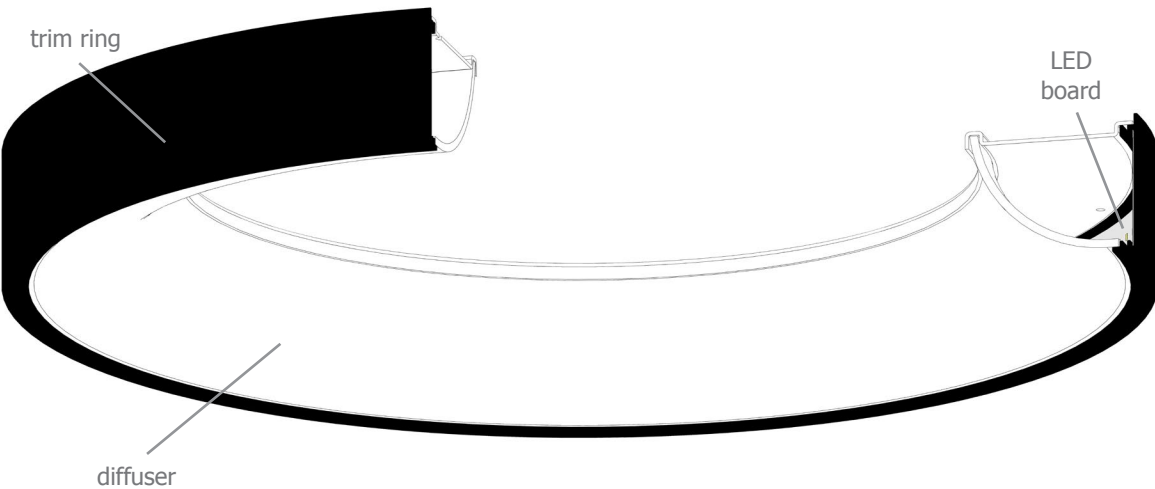
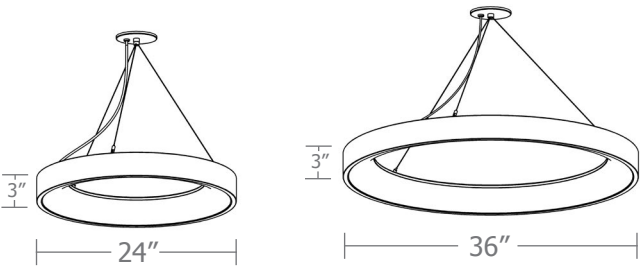
emergency
recommend use of inverter (by other).



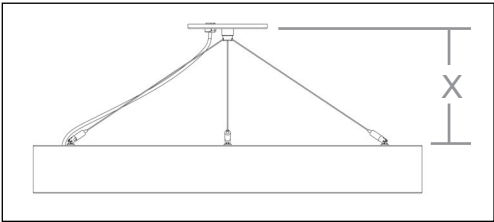
catalog number

size	CCT	lumens*	painting finish	power cord	options
P5736.LV (3ft) 36"dia X 3"ht	30 3000K 35 3500K 40 4000K RGBW35 TW2765	LO 3800 lm HI 7600 lm CL xxxx lm custom lumens consult factory 5000 - 20000 lm *preliminary delivered lumens RGBW 3500K tunable white 2700K - 6500K	AP anodized paint BS brass BU blue BZ bronze CP champagne FB flat black GM gun metal MB military blue MW matte white OR orange RD red SB satin black SS satin silver TG textured gray YO yellow premium finish RAL specify RAL# wood finish ASH ashwood ENG english brown oak ESP espresso	WHPC white power cord BKPC black power cord SBPC silver braid power cord	6FT 72" adj cables 12FT 12ft adj suspension ELD EldoLED* LUT Lutron* *consult factory





remote driver enclosure



min. suspension length.

	X
P5724	8"
P5736	11"

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

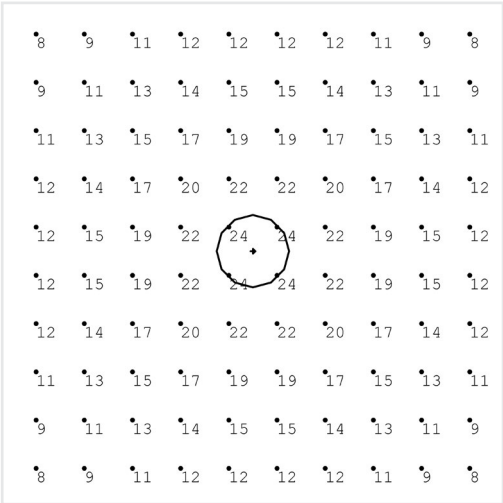
Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
P5718 LO	2350	30	L06251051	.74
P5718 HI	2700	36	L06251051	.85
P5724 LO	4100	43	L06251053	.65
P5724 HI	4900	52	L06251053	.77
P5736 LO	7400	70	L06251054	.60
P5736 HI	9200	90	L06251054	.74
P5748 LO	11600	107	L06251055	.56
P5748 HI	14800	142	L06251055	.72

*preliminary 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)

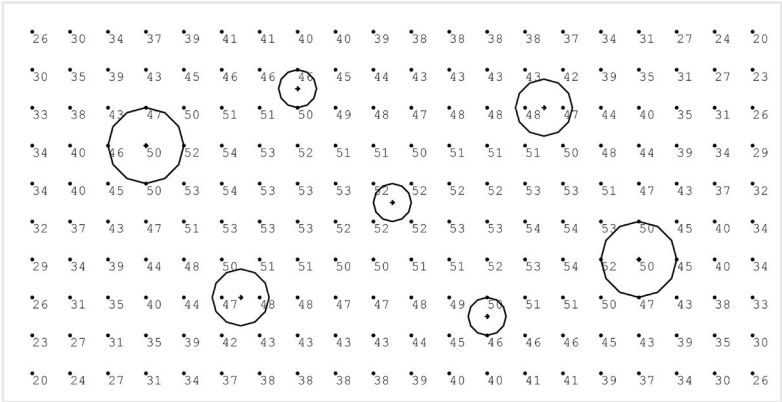


Schedule						
Symbol	Qty	Manufacturer	Test#	Description	LED	LLF
	1	Impact Architectural Lighting	L062510504 . P5636 40HI . WAF_R_3	P5636 40 HI	4000K 90CRI	0.740

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

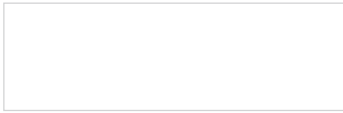


Schedule						
Symbol	Qty	Manufacturer	Test#	Description	LED	LLF
	2	Impact Architectural Lighting	L062510504 . P5636 40HI . WAF_R_3	P5636 40LO	4000K 90CRI	.60
	3	Impact Architectural Lighting	L062510503 . P5624 40HI . WAF_R_3	P5624 40LO	4000K 90CRI	.65
	2	Impact Architectural Lighting	L062510505 . P5648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



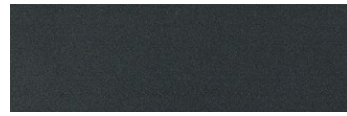
SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



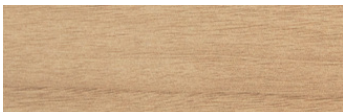
YO yellow 1018



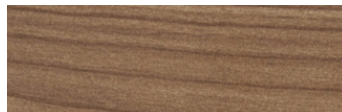
MB military blue

Premium Finishes*

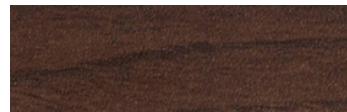
Wood Finishes



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.

