

job name:
type:

sq.too™ cluster spec sheet 90CRI

material

2" smooth square extruded architectural 6063 aluminum outer housing in three lengths. satin black canopy and stem standard on wood finishes.

LED

COB in 2700K, 3000K, 3500K, or 4000K 90+ cri standard rated >36,000 hours L70 (6.8K) per LM-80 test data, and 71,000 hours projected life per IES TM-21.

downlight optics

Khatod® Cosmo 50mm dia 16mm high (RoHS compliant) available in 12° spot, 25° medium, 38° wide

drivers (in canopy)

constant current, class P, class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 5% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory.

mounting

canopy mounted drivers (standard)

12"sq x 2"h aluminum canopy painted to match fixture. rigid mount 3/8"dia stems standard (1 each, 2ft, 4ft, 6ft). painted to match fixture. satin black canopy and stem standard on wood finishes.

remote enclosure (.LV) (optional)

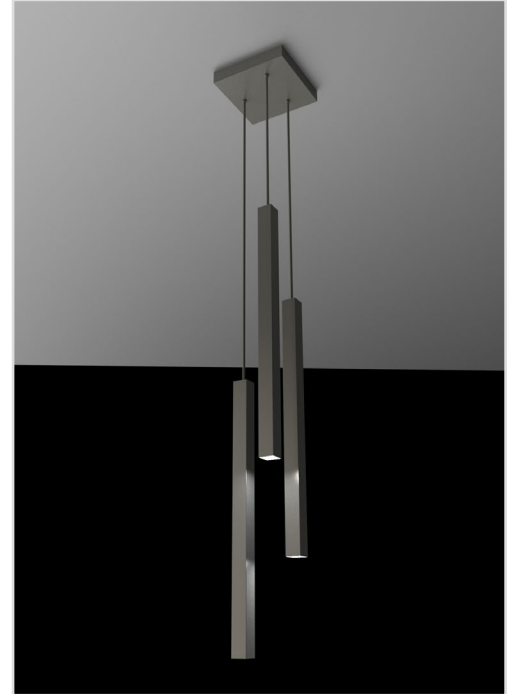
the standard drivers can be remote mounted up to 33ft from the LED. suspension length should be considered in distance. remote enclosure supplied. for distances greater than 33ft consult factory. for Chicago Plenum installation consult factory.

finish

select from 15 standard powder coat paint finishes or 3 wood finishes (listed below) or specify RAL# for custom colors. satin black canopy and stem standard on wood finishes.

emergency

if required, recommend use of inverter (by other).



catalog number

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size	beam	CCT	lumens per fixture	painted finish
P4024.3CL drivers in canopy	S 12° spot	27 2700K	L1 360 lm	AP anodized paint
P4024.3CL.LV remote enclosure 2"dia X 24"ht	M 25° med	30 3000K	L2 630 lm	BS brass
P4036.3CL drivers in canopy	W 38° wide	35 3500K	L3 900 lm	BU blue
P4036.3CL.LV remote enclosure 2"dia X 36"ht		40 4000K	H1 1265 lm	BZ bronze
P4048.3CL drivers in canopy			H2 1805 lm	CP champagne
P4048.3CL.LV remote enclosure 2"dia X 48"ht				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

satin black canopy and stem standard on wood finishes



remote enclosure

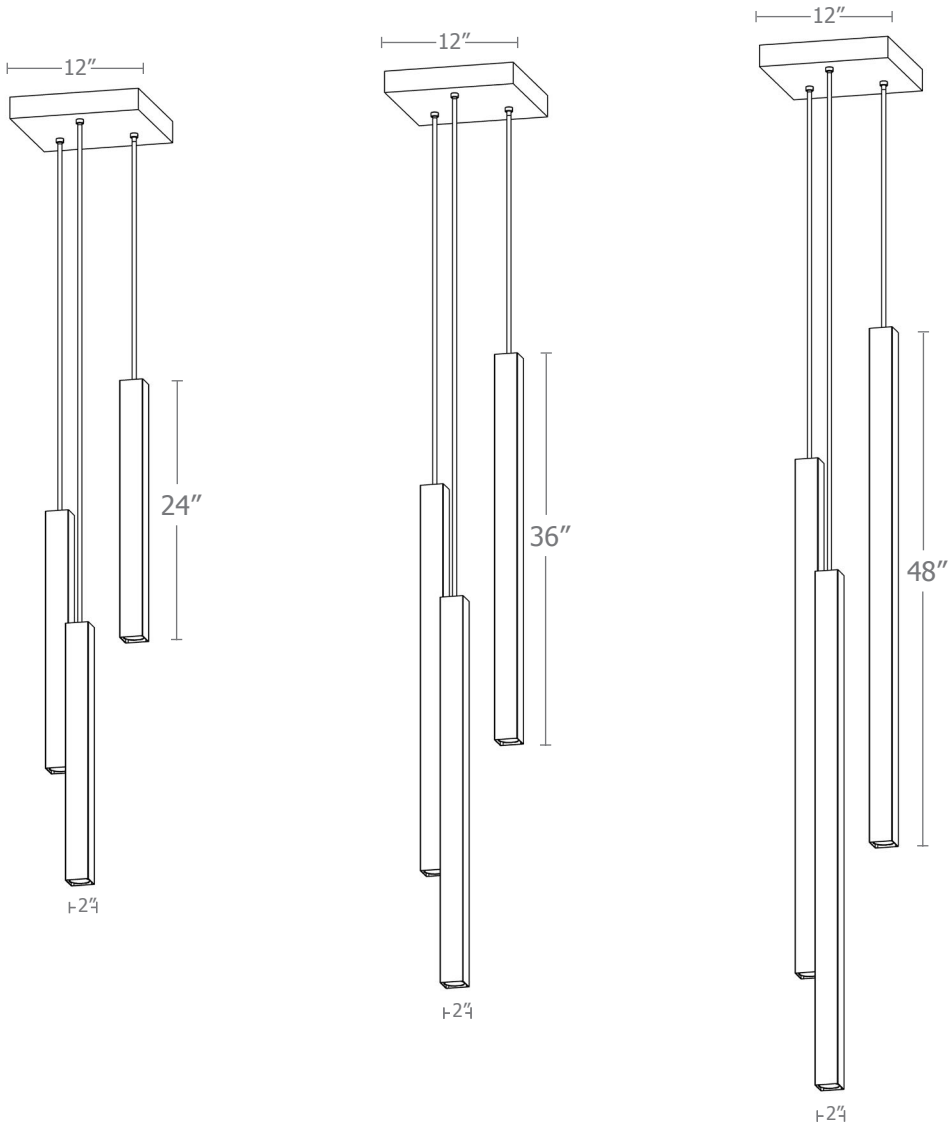


made in the
usa!

impactltg

www.impactltg.com / 314-427-1212 / saint louis, mo

specifications subject to change © 2026 rev. 09/15/2026



ESP



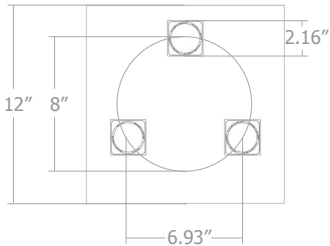
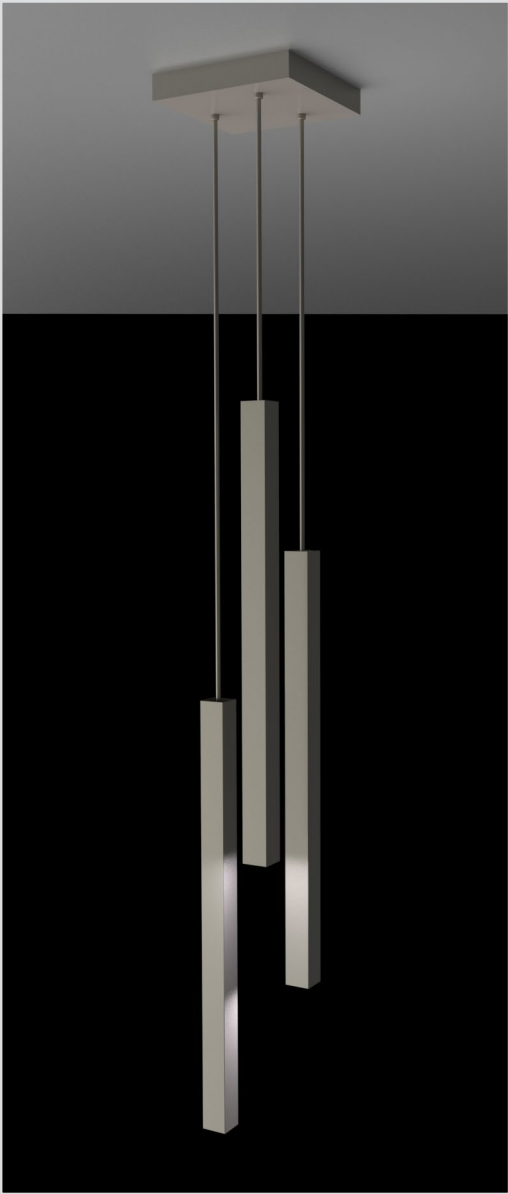
ASH



ENG



.LV



Calculation Table

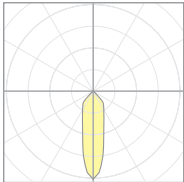
Consult factory for applications assistance

Cat No	Delivered* Lumens	Watts 120V / 277V	IES File #	LLF to be applied
L1	360	3	07222C spot	.30
			07222B med	.30
			07222A wide	.30
L2	630	6	07222C spot	.53
			07222B med	.53
			07222A wide	.53
L3	900	9	07222C spot	.76
			07222B med	.76
			07222A wide	.76
H1	1265	13	07222C spot	1.07
			07222B med	1.07
			07222A wide	1.07
H2	1805	19	07222C spot	1.52
			07222B med	1.52
			07222A wide	1.52

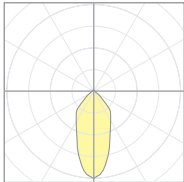
*delivered lumens based on 4000K, 90+ cri

The application of a Light Loss Factor is required to:

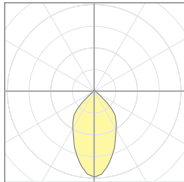
- match the lumen output for the power module specified
- incorporate the increased lumen output due to LED/Driver upgrades



07222C
P40xx-S-40H1
S 12° spot

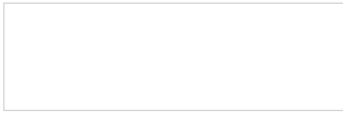


07222B
P40xx-M-40H1
M 25° med



07222A
P40xx-W-40H1
W 38° wide

Powder Coat Paint Finishes



MW matte white



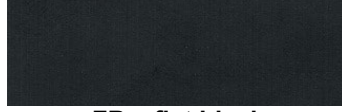
AP anodized paint



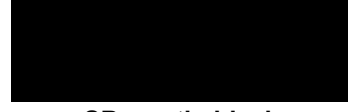
SS satin silver



TG textured gray



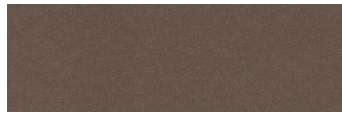
FB flat black



SB satin black



CP champagne



BZ bronze



GM gun metal



OR orange 2011



BU blue 5017



BS brass



RD red 3020



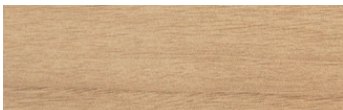
YO yellow 1018



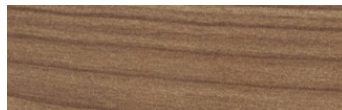
MB military blue

Premium Finishes*

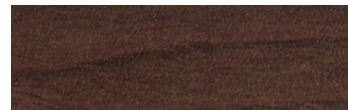
Wood Finishes



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.

