

tink.r.2™ spec sheet 90CRI

job name:
type:

spine

2" dia extruded aluminum available in powder coat painted finishes listed below. 200° lens provides 14% uplight.

diffuser

proprietary extruded frosted acrylic with 80% transmission and excellent LED diffusion.

LED module

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

programmable, UL class P, class 2, 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.

mounting

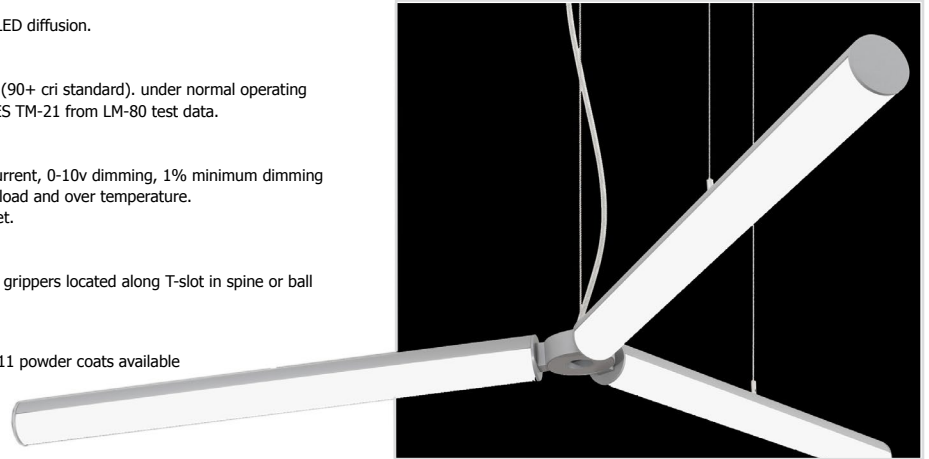
satin white canopies with ultra-thin aircraft cables, field-adjustable at mini grippers located along T-slot in spine or ball grippers located at hubs. ultra thin silver braid power cord standard.

finish

select from 4 standard powder coat paint finishes listed below. additional 11 powder coats available for nominal setup fee. consult factory for RALs and custom colors

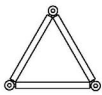
emergency

recommend use of inverter (by other).

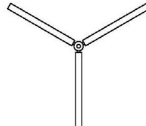


catalog number

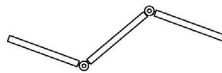
size	configuration	CCT	lumens	paint finishes	suspension	driver location
P8524.LV 2"dia X 24"l legs	TR triangle	30 3000K	LO 400 lm/ft	FB flat black	3FT 36" cables	RDVR remote enclosure (standard)
	Y 3 x 120°	35 3500K	HI 800 lm/ft	MW matte white	6FT 72" cables	
	Z 3-leg zig zag	40 4000K		SS satin silver		CDVR surface-mounted canopy
	SQ square	RGBW35*	RGBW 3500K (approx. 380 lm/ft white light)	TG textured gray		
	X 4 x 90°	TW2765*	tunable white 2700K - 6500K			
	W 4-leg zig zag					



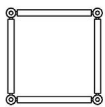
TR



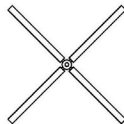
Y



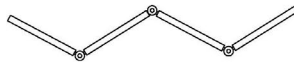
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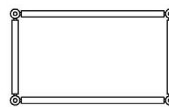
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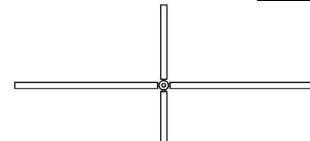
X



W



RC



CR

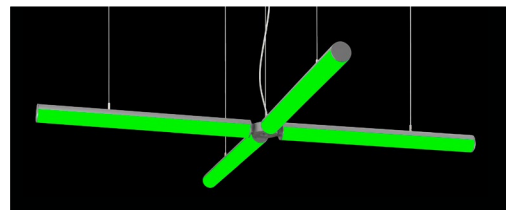
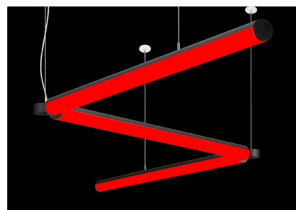
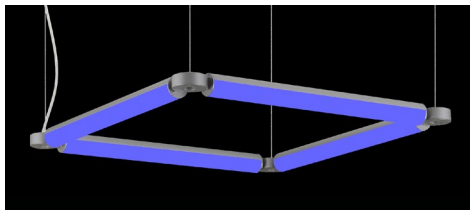


RDVR
(standard)



CDVR

7.7" d x 1.6" h
or
10" d x 1.6" h



made in the
usa!

Intertek
DRY / DAMP

impactltg

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

specifications
subject
to change © 2026
rev. 03/23/2026

spine

2" dia extruded aluminum available in powder coat painted finishes listed below. 200° lens provides 14% uplight.

diffuser

proprietary extruded frosted acrylic with 80% transmission and excellent LED diffusion.

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mounting

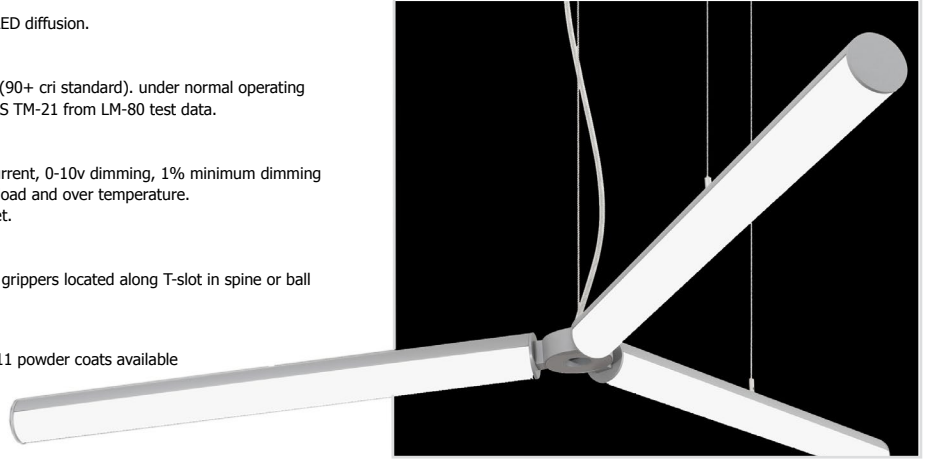
satin white canopies with ultra-thin aircraft cables, field-adjustable at mini grippers located along T-slot in spine or ball grippers located at hubs. ultra thin silver braid power cord standard.

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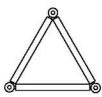
emergency

recommend use of inverter (by other).

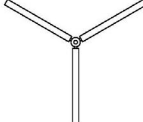


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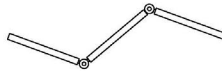
size	configuration	CCT	lumens	painted finishes	suspension	driver location
P8548.LV 2"dia X 48"l legs	TR triangle	30 3000K	LO 400 lm/ft	FB flat black	3FT 36" cables	RDVR remote enclosure (standard)
	Y 3 x 120°	35 3500K	HI 800 lm/ft	MW matte white	6FT 72" cables	
	Z 3-leg zig zag	40 4000K		SS satin silver		CDVR surface-mounted canopy
P8572.LV 2"dia X 72"l legs	SQ square	RGBW35*	RGBW 3500K (approx. 380 lm/ft white light)	TG textured gray		
	X 4 x 90°	TW2765*	tunable white 2700K - 6500K			
	W 4-leg zig zag					
	CR cross					
	RC rectangle					



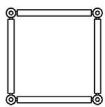
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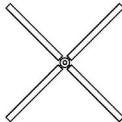
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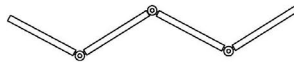
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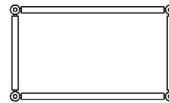
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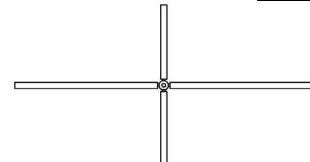
X



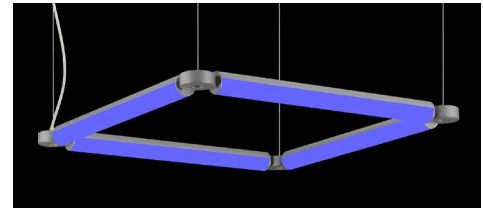
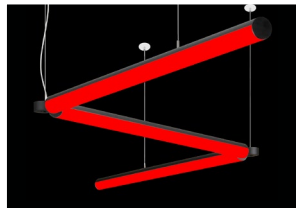
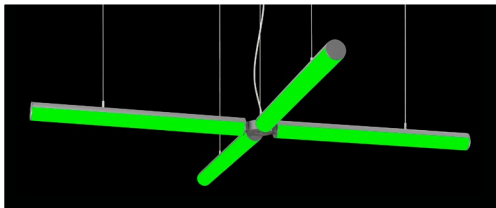
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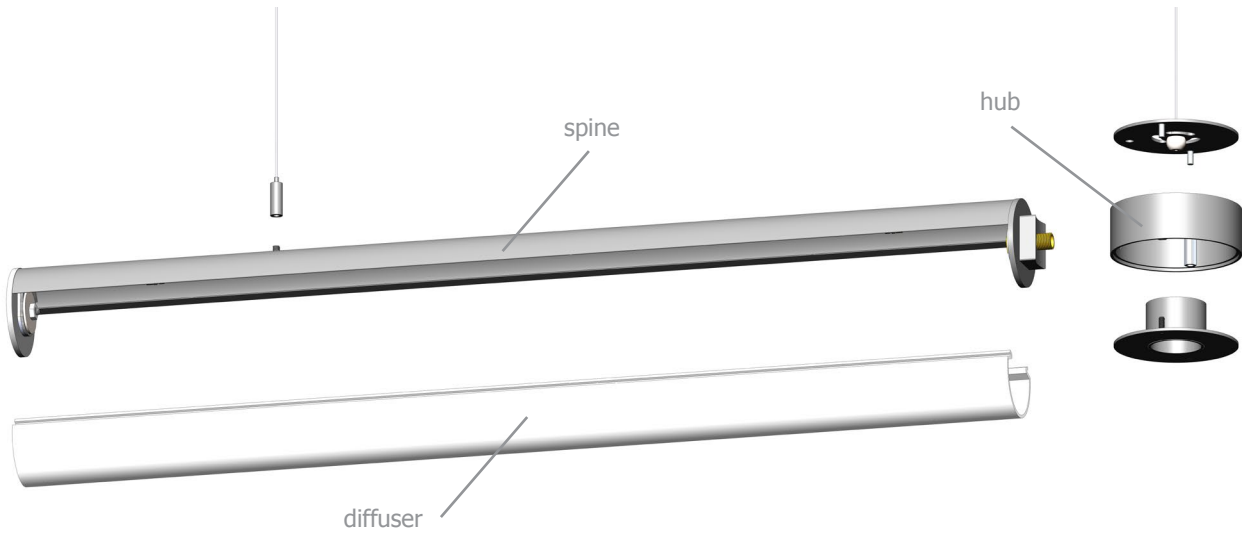
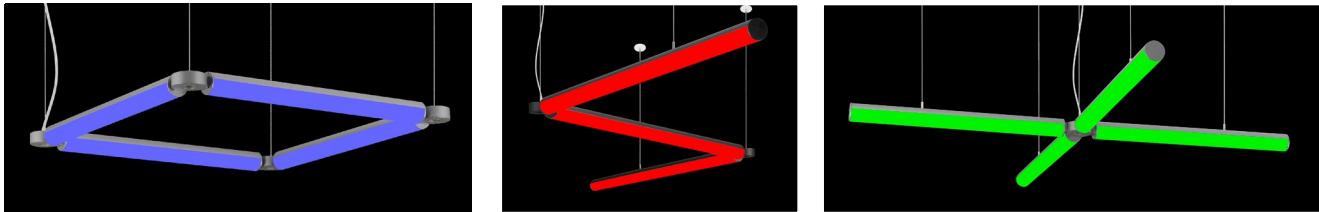
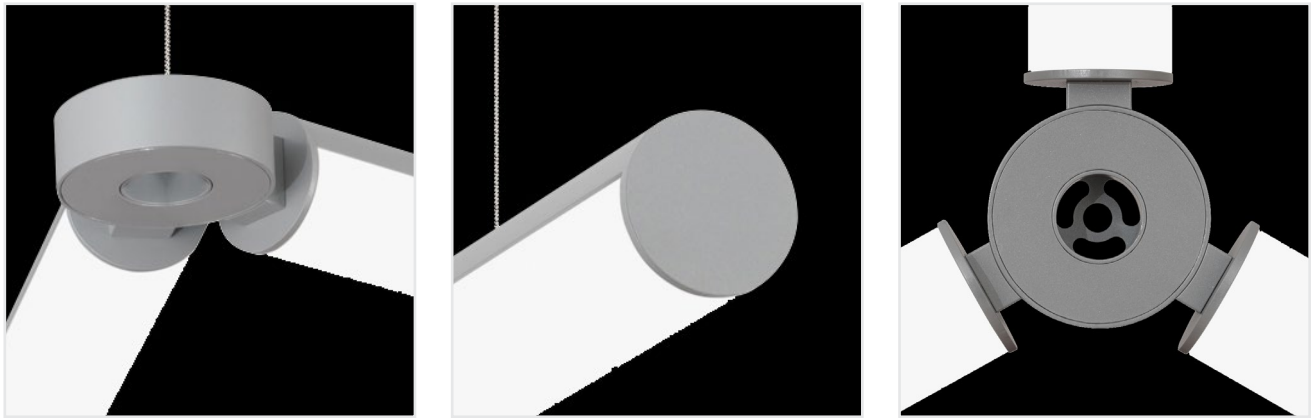


RC



CR





tink.r.2 RGBW™ spec sheet 90CRI

spine

2" dia extruded aluminum available in powder coat painted finishes listed below. 200° lens provides 14% uplight.

diffuser

proprietary extruded frosted acrylic with 80% transmission and excellent LED diffusion.

LED

RGBW premium architectural grade flexible LED PCB combines architectural grade white LEDs with a 3-in-1 RGB LED to provide practical nominal white output and beautifully accented light with excellent color consistency. fixture provides 380 lm/ft white light output. consult factory for higher lumen output.

driver

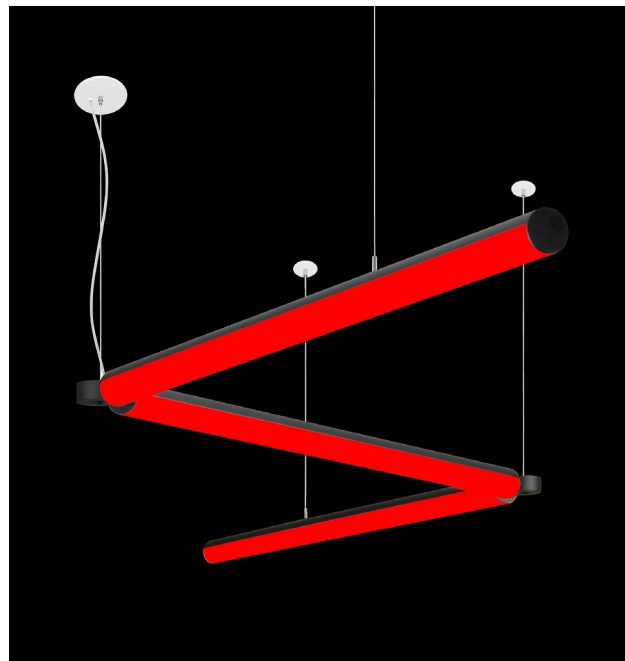
infinite color control, enabling stunning lighting effects with constant voltage LEDs for architectural lighting applications. whether single color for accent, tunable white for circadian applications, or full color RGB for entertainment product solutions, these drivers provide flicker-safe dimming to 1% with DALI or DMX and allows you to create your color or dynamic show without an external controller. additionally, these LED drivers work seamlessly with other controls, and intelligent luminaire elements.

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

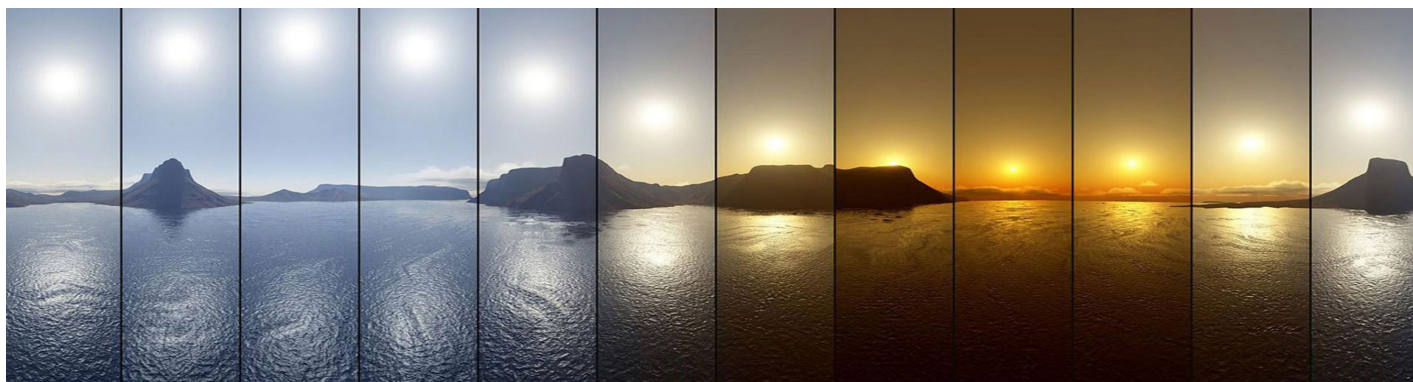
select from 4 standard powder coat paint finishes listed below. additional 11 powder coats available for nominal setup fee. consult factory for RALs and custom colors

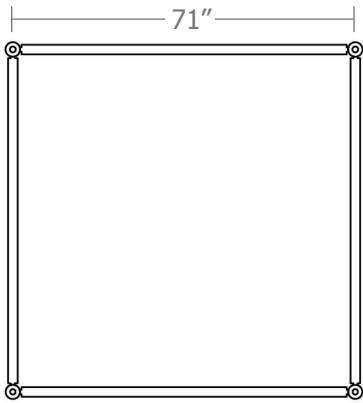
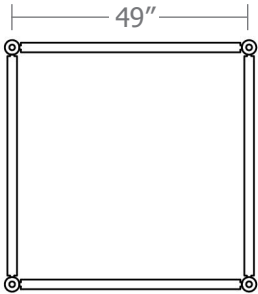


tink.r.2 TW2765™ spec sheet 90CRI

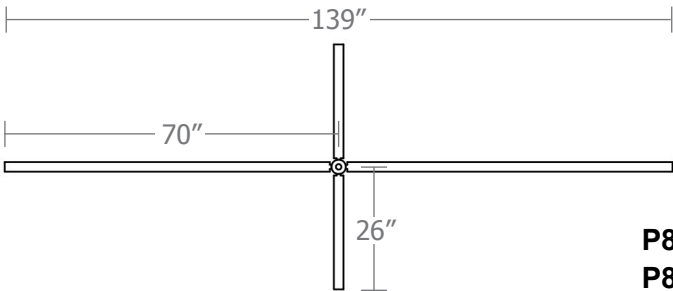
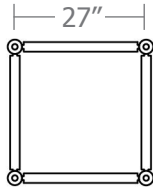
LED

high performance tunable white spec-grade LED modules for excellent circadian lighting effects. from 2700K – 6500K CCT and anywhere in between with beautiful uniform color blending. with 2 channel constant current architecture, this high performance LED module provides the versatility needed to bring color tunable white capability to any architectural application.

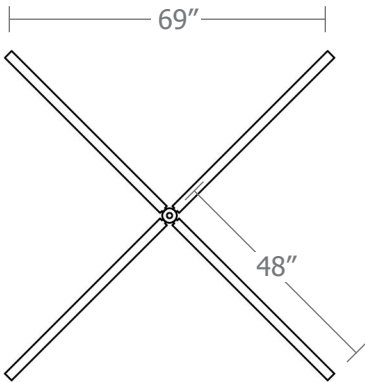
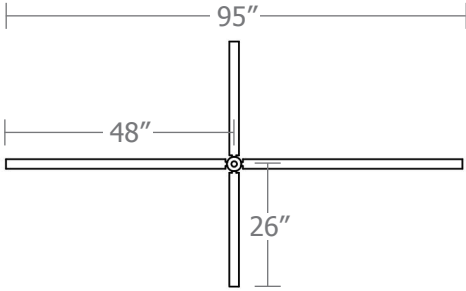




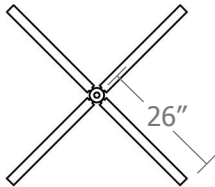
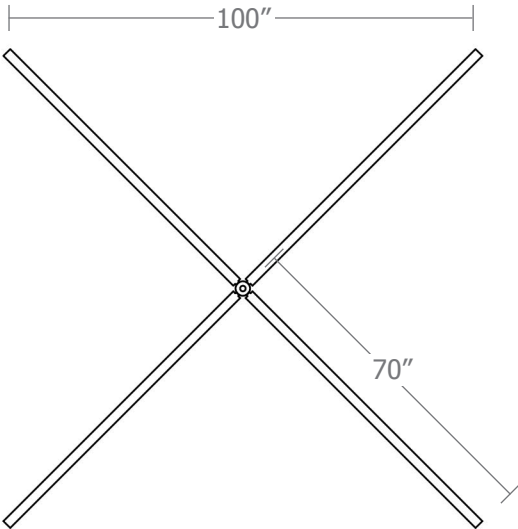
P8524.LV-SQ
P8548.LV-SQ
P8572.LV-SQ

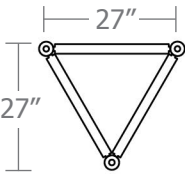
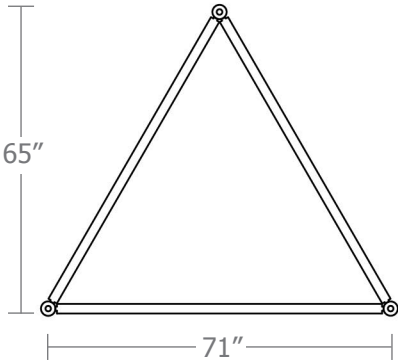
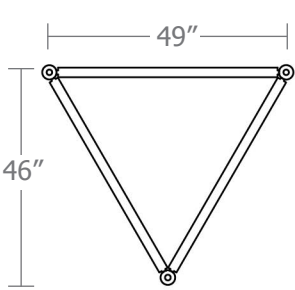


P8548.LV-CR
P8572.LV-CR

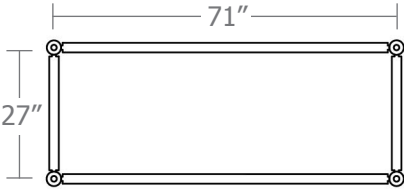
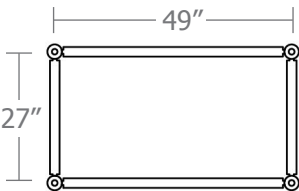


P8524.LV-X
P8548.LV-X
P8572.LV-X

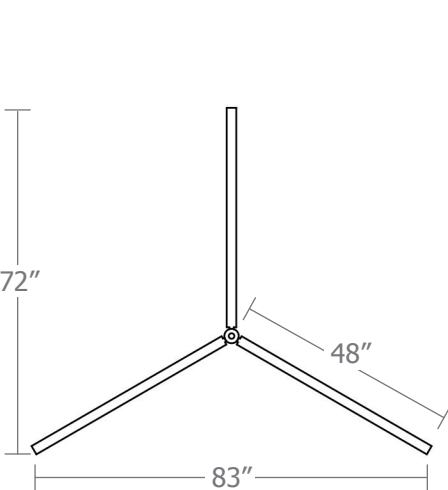




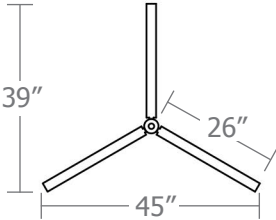
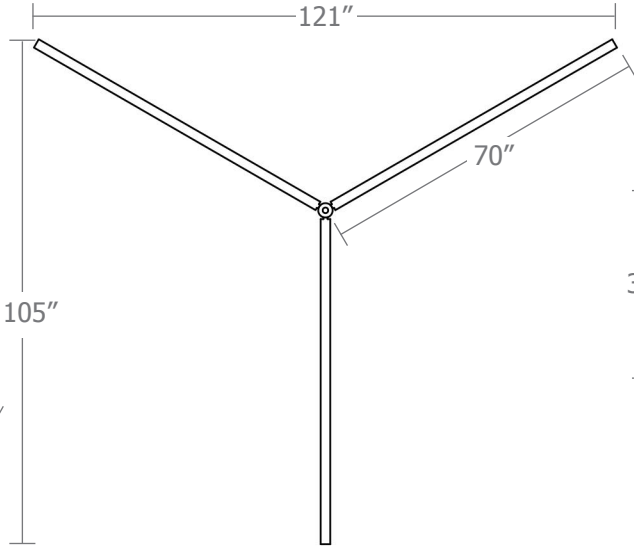
P8524.LV-TR
P8548.LV-TR
P8572.LV-TR



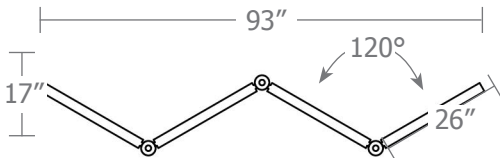
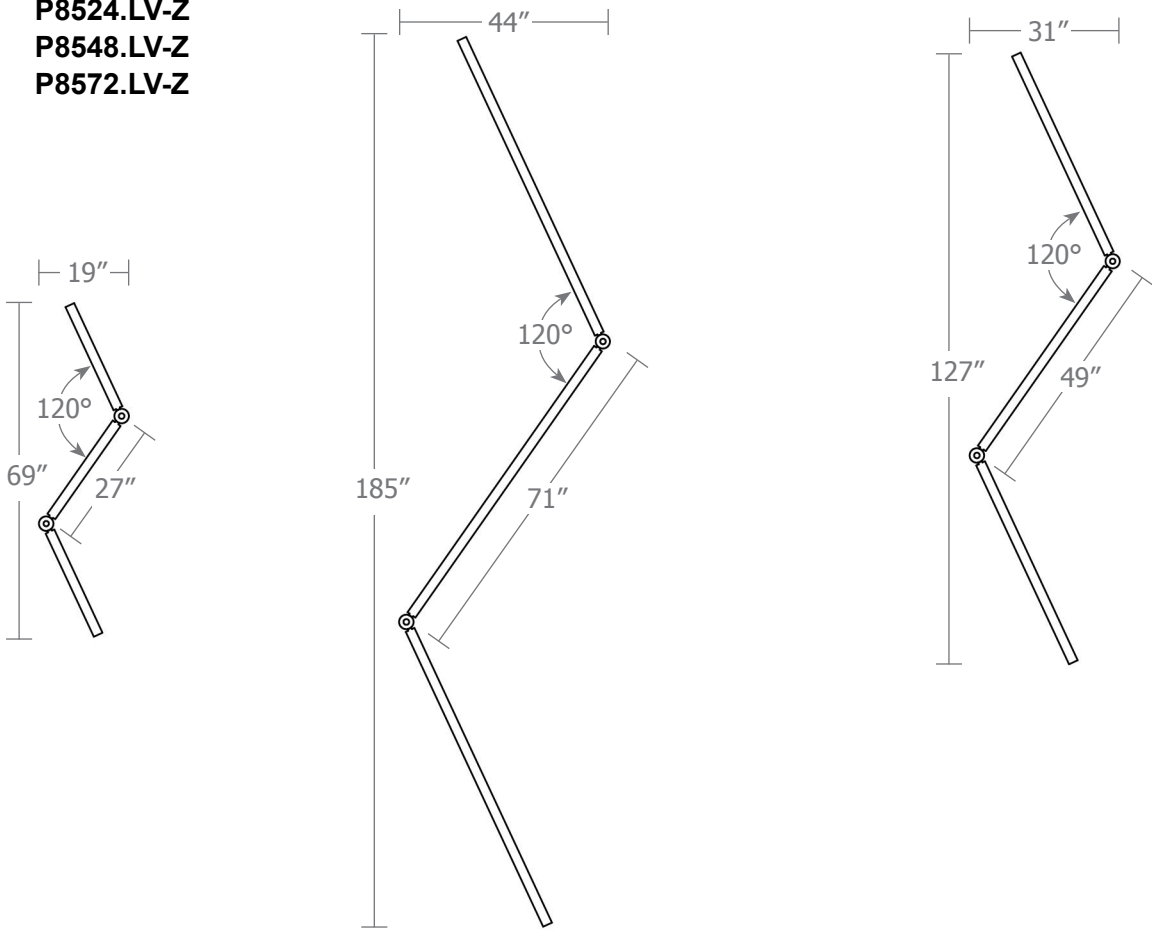
P8548.LV-RC
P8572.LV-RC



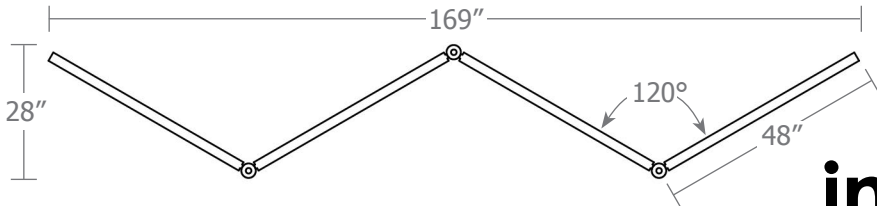
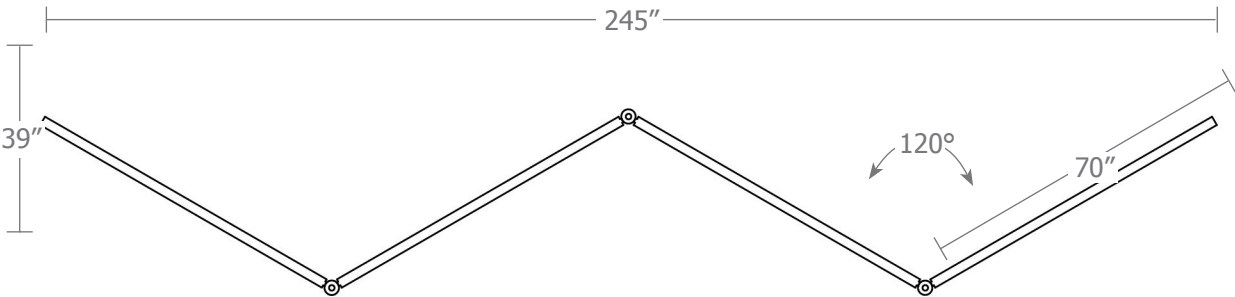
P8524.LV-Y
P8548.LV-Y
P8572.LV-Y



P8524.LV-Z
P8548.LV-Z
P8572.LV-Z



P8524.LV-W
P8548.LV-W
P8572.LV-W



Calculation Table

Tests are for each element separately and must be "stacked" to represent single fixture
Consult factory for applications assistance

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
P8524-TR LO	2400	26	12231TR24	0.50
P8524-TR HI	4800	52	12231TR24	1.01
P8548-TR LO	4800	53	12231TR48	0.50
P8548-TR HI	9600	105	12231TR48	1.01
P8572-TR LO	7200	79	12231TR72	0.50
P8572-TR HI	14400	157	12231TR72	1.01
P8524-Y LO	2400	26	12231Y24	0.49
P8524-Y HI	4800	52	12231Y24	0.98
P8548-Y LO	4800	52	12231Y48	0.49
P8548-Y HI	9600	104	12231Y48	0.98
P8572-Y LO	7200	79	12231Y72	0.49
P8572-Y HI	14400	157	12231Y72	0.98
P8524-Z LO	2400	26	12231Z24	0.50
P8524-Z HI	4800	53	12231Z24	1.01
P8548-Z LO	4800	53	12231Z48	0.50
P8548-Z HI	9600	105	12231Z48	1.01
P8572-Z LO	7200	79	12231Z72	0.50
P8572-Z HI	14400	158	12231Z72	1.01

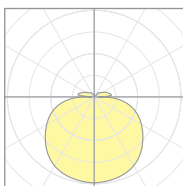
** For configurations without an IES test, use **-LEG** below to build specified configuration. Consult Factory for assistance.

P8524-LEG LO	800	9	12231LEG24	0.49
P8524-LEG HI	1600	18	12231LEG24	0.99
P8548-LEG LO	1600	18	12231LEG48	0.49
P8548-LEG HI	3200	35	12231LEG48	0.99
P8572-LEG LO	2400	26	12231LEG72	0.49
P8572-LEG HI	4800	53	12231LEG72	0.99

bold IES File # indicates actual test, others are derived from the actual tests

Cat No	Delivered* Lumens	Watts 120V/ 277V	IES File #	LLF to be applied
P8548-CR LO	4800	53	**	
P8548-CR HI	9600	105	**	
P8572-CR LO	6400	70	**	
P8572-CR HI	12800	140	**	
P8548-RC LO	4800	50	12231RC48	0.56
P8548-RC HI	9600	100	12231RC48	1.11
P8572-RC LO	6400	70	**	
P8572-RC HI	12800	140	**	
P8524-SQ LO	3200	33	12231SQ24	0.56
P8524-SQ HI	6400	67	12231SQ24	1.11
P8548-SQ LO	6400	67	12231SQ48	0.56
P8548-SQ HI	12800	133	12231SQ48	1.11
P8572-SQ LO	9600	100	12231SQ72	0.56
P8572-SQ HI	19200	200	12231SQ72	1.11
P8524-W LO	3200	35	**	
P8524-W HI	6400	70	**	
P8548-W LO	6400	70	**	
P8548-W HI	12800	140	**	
P8572-W LO	9600	105	**	
P8572-W HI	19200	210	**	
P8524-X LO	3200	33	12231X24	0.52
P8524-X HI	6400	67	12231X24	1.04
P8548-X LO	6400	67	12231X48	0.52
P8548-X HI	12800	133	12231X48	1.04
P8572-X LO	9600	101	12231X72	0.52
P8572-X HI	19200	201	12231X72	1.04

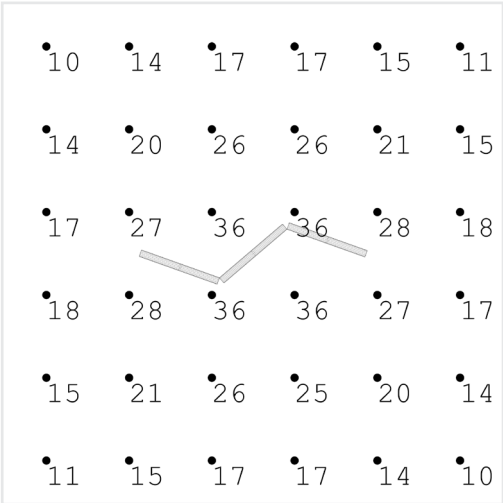
* delivered lumens based on 4000K, 90CRI



12231
P8524 TR 40 HI

Typical Lighting Layout

- 12' x 12' x 10'H space
- 80/50/20 reflectances
- bottom of fixture at 8' aff
- FC readings at 2.5' aff
- layout conducted using HI lumen package (4800 delivered lumens)

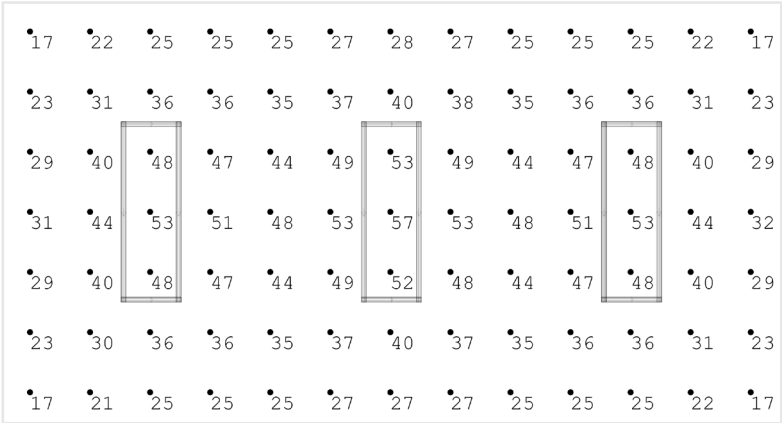


Schedule							
Symbol	Qty	Tag	Manufacturer	Description	Lamp	LLF	Wattage
	1	P8524.LV-Z-40HI	IMPACT ARCHITECTURAL LIGHTING	tink.r.2	4000K, 90CRI LED	0.980	52.5

Statistics					
Description	Avg	Max	Min	Max/Min	Avg/Min
tink.r.2 Z configuration	20.4fc	36 fc	10 fc	3.60	2.04

Typical Lighting Layout

- 26' x 14' x 12'H space
- 80/50/20 reflectances
- bottom of fixture at 10' aff
- FC readings at 2.5' aff
- layout conducted using (3) 2x6 RC LO lumen package (6400 delivered lumens each)

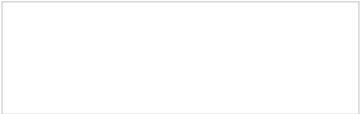


Schedule							
Symbol	Qty	Tag	Manufacturer	Description	Lamp	LLF	Wattage
	3	P8572.LV-RC-40HI	IMPACT ARCHITECTURAL LIGHTING	tink.r.2	4000K, 90CRI LED	0.490	420

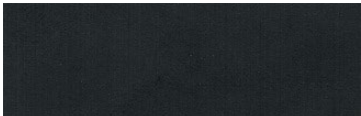
Statistics					
Description	Avg	Max	Min	Max/Min	Avg/Min
tink.r.2 RC configuration	35.6fc	57 fc	17fc	3.35	2.09



Powder Coat Paint Finishes



MW matte white



FB flat black



TG textured gray



SS satin silver

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

