tink.r.2™ spec sheet 90CRI

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

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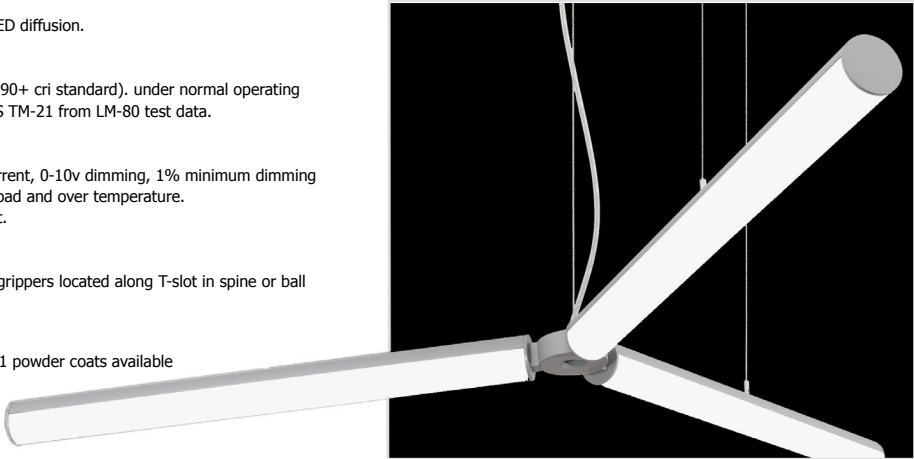proprietary extruded frosted acrylic with 80% transmission and excellent LED diffusion.

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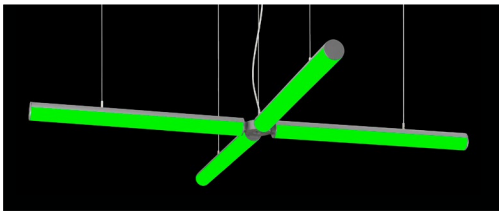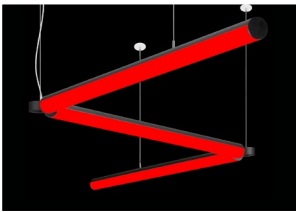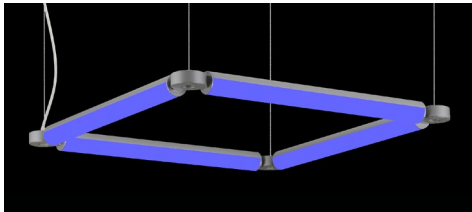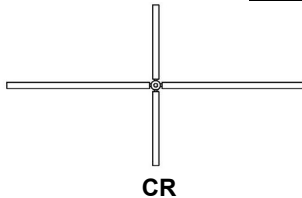
finish
select from 4 standard powder coat paint finishes listed below. additional 11 powder coats available for nominal setup fee. consult factory for RALs and custom colors

emergency
recommend use of inverter (by other).

catalog number

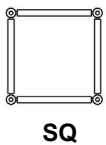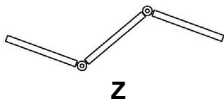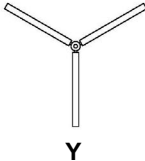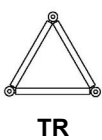| size	configuration		CCT		lumens		painted finishes		suspension		driver location	
P8524.LV 2"dia X 24"l legs	**TR**	triangle	**30**	3000K	**LO**	400 lm/ft	**FB**	flat black	**3FT**	36" cables	**RDVR**	remote enclosure (standard)
	Y	3 x 120°	**35**	3500K	**HI**	800 lm/ft	**MW**	matte white	**6FT**	72"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

RDVR (standard)
12" x 4" x 2"

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

TR

Y

Z

SQ

X

W

RC

CR

impactltg

specifications subject to change
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tink.r.2™ spec sheet 90CRI

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

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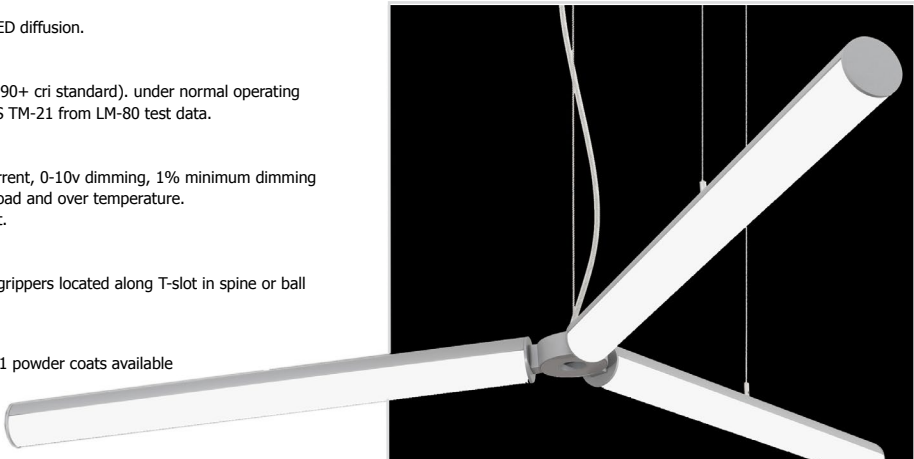proprietary extruded frosted acrylic with 80% transmission and excellent LED diffusion.

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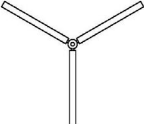
mounting
satin white canopies with ultra-thin aircraft cables, field-adjustable at mini grippers located along T-slot in spine or ball grippers located at hubs. ultra thin silver braid power cord standard.

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

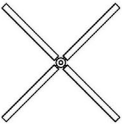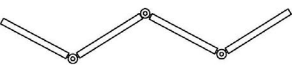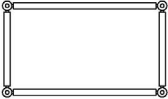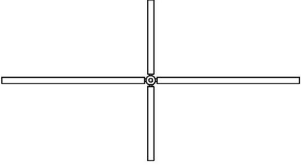| size	configuration		CCT		lumens		painted finishes		suspension		driver location	
P8548.LV 2"dia X 48"l legs	**TR**	triangle	**30**	3000K	**LO**	400 lm/ft	**FB**	flat black	**3FT**	36" cables	**RDVR**	remote enclosure (standard)
	Y	3 x 120°	**35**	3500K	**HI**	800 lm/ft	**MW**	matte white	**6FT**	72"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

TR

Y

Z

SQ

X

W

RC

CR

RDVR (standard)
12" x 4" x 2"

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

impactltg

spine

hub

diffuser

CDVR

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

RDVR
(standard)

12" x 4" x 2"

impactltg

specifications
subject
to change

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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 witha a 3-in-1 RGB LED to provide practical Nominal White Output at 1568 lm/board AND beautifully accented light with Excellent Color Consistency.

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)
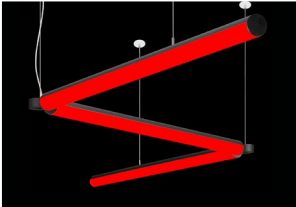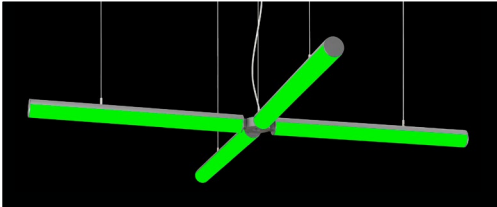
finish
select from 4 standard powder coat paint finishes listed below. additional 11 powder coats available for nominal setup fee. consult factory for RALs and custom colors
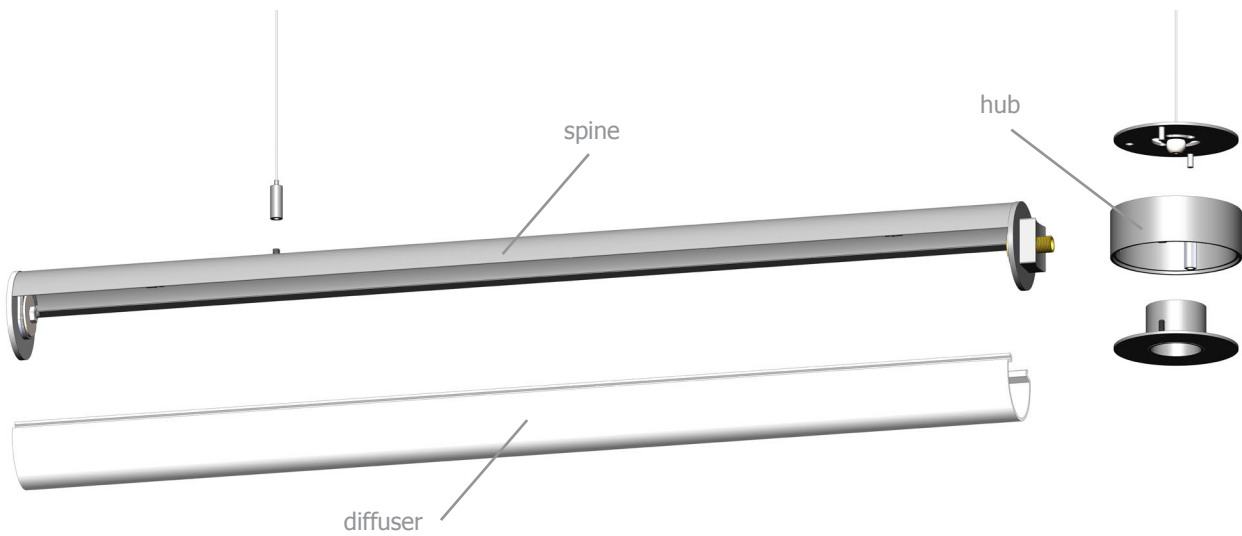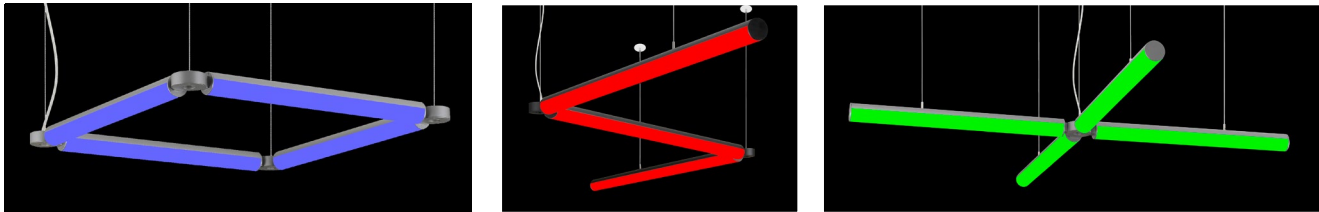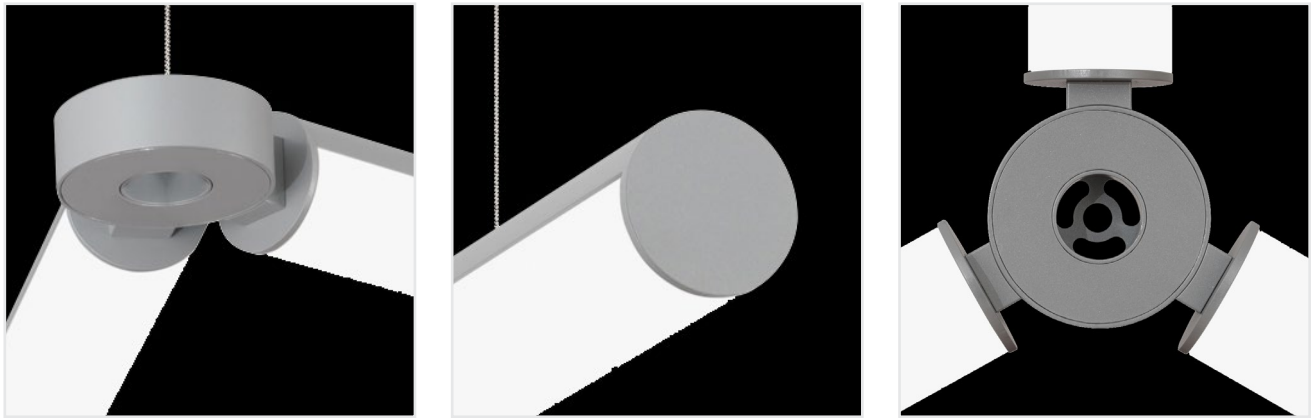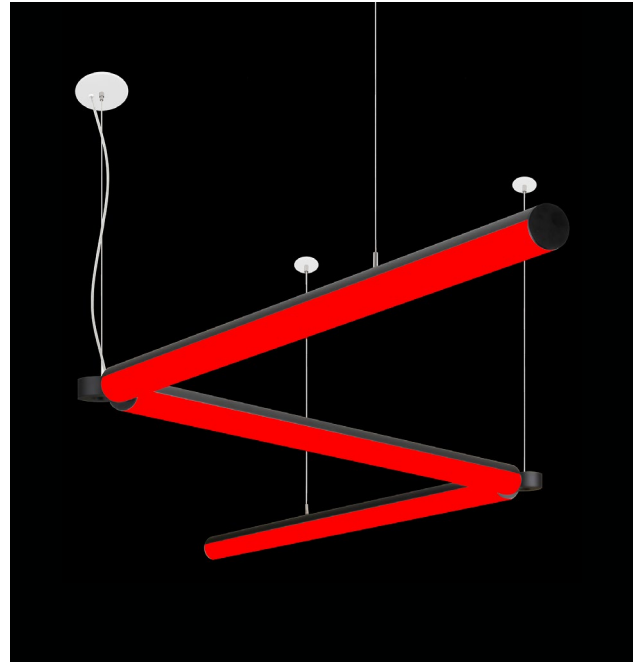
tink.r.2 TW2765™ spec sheet 90CRI

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.

ETL LISTED
c US
Intertek
DRY / DAMP

made in the **usa!**

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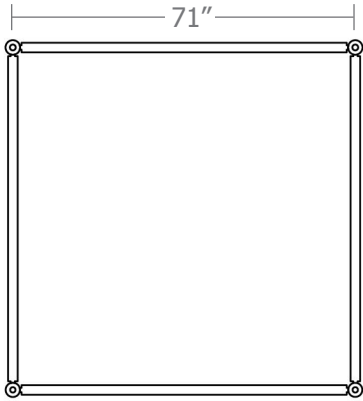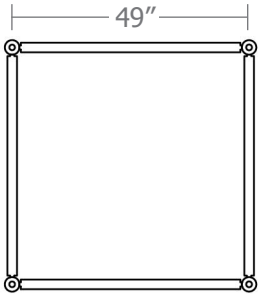
P8524.LV-SQ
P8548.LV-SQ
P8572.LV-SQ

71″

49″

27″

139″

70″

26″

95″

48″

26″
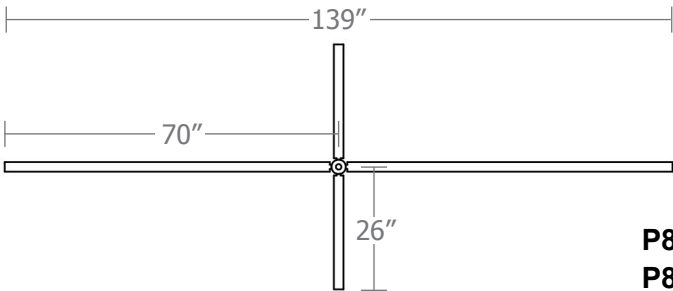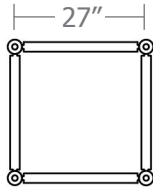
P8548.LV-CR
P8572.LV-CR

100″

70″

69″

48″

26″
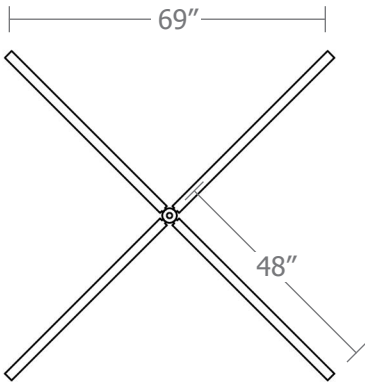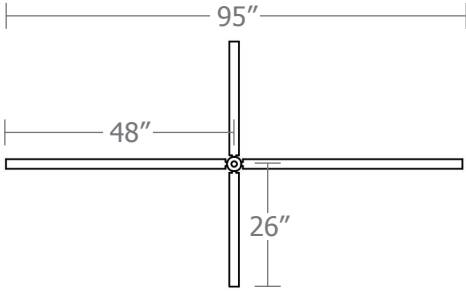
P8524.LV-X
P8548.LV-X
P8572.LV-X

impactltg

49″

46″

65″

71″

27″

27″
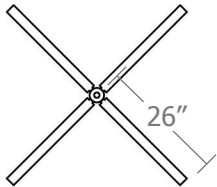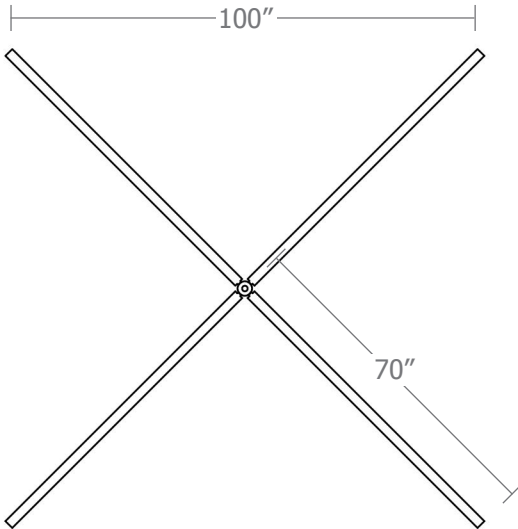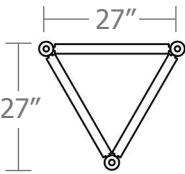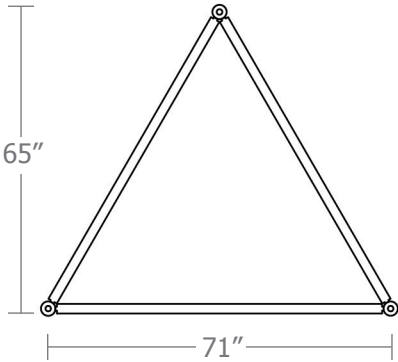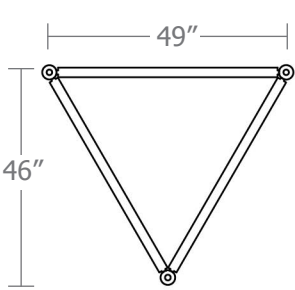
P8524.LV-TR
P8548.LV-TR
P8572.LV-TR

49″

27″

P8548.LV-RC
P8572.LV-RC

71″

27″

121″

70″

72″

48″

105″

83″

39″

26″

45″
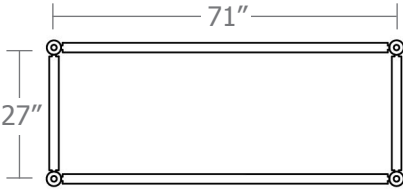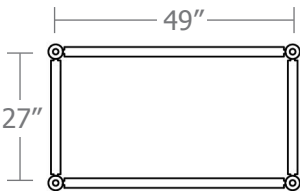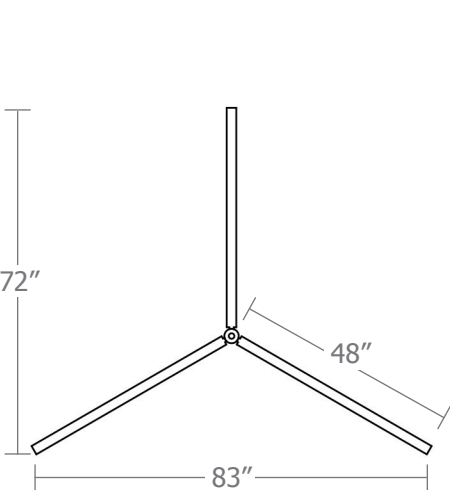
P8524.LV-Y
P8548.LV-Y
P8572.LV-Y

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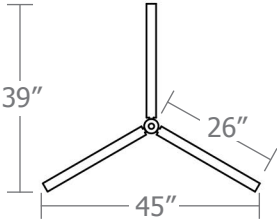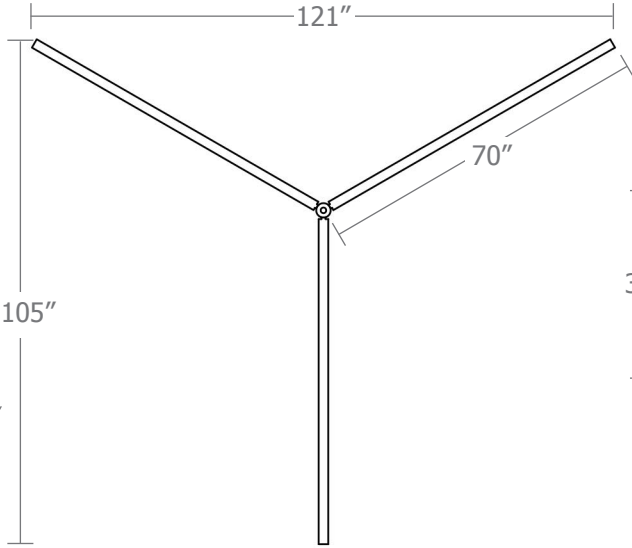
P8524.LV-Z
P8548.LV-Z
P8572.LV-Z

44″

19″

31″

120°

120°

120°

185″

127″

71″

69″

27″

49″
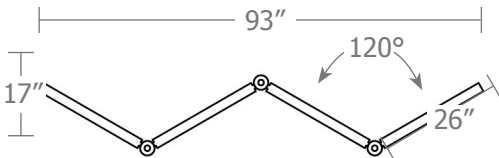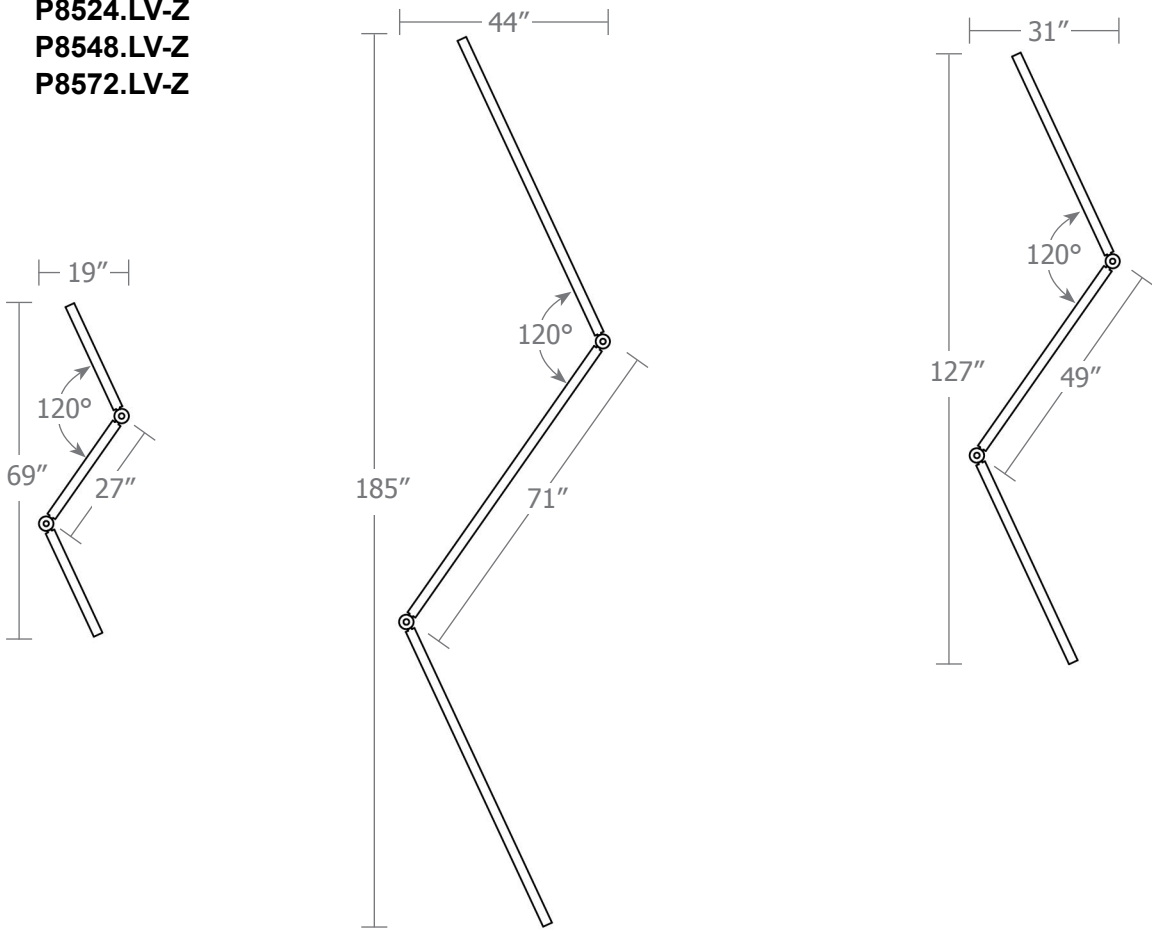
P8524.LV-W
P8548.LV-W
P8572.LV-W

93″

120°

17″

26″

245″

39″

120°

70″

169″

28″

120°

48″

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subject
to change

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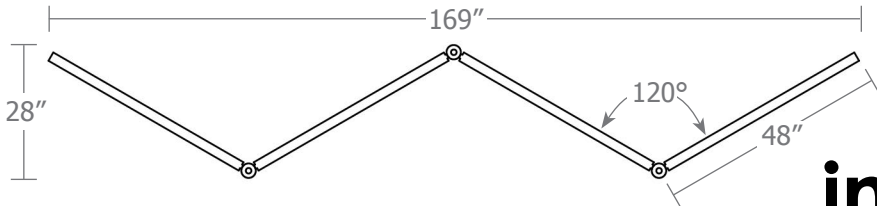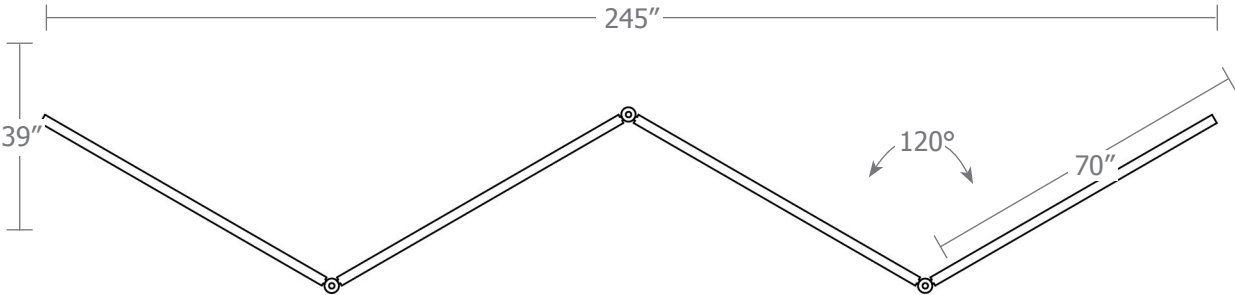
Calculation Table

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.

Cat No	Delivered* Lumens	Watts 120V/ 277V	IES File #	LLF to be applied
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

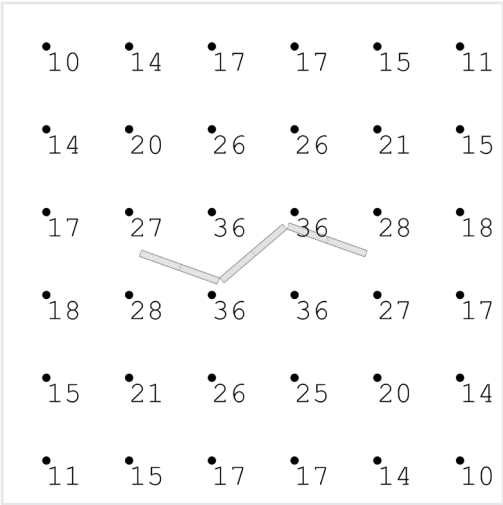| Cat No	Delivered* Lumens	Watts 120V/ 277V	IES File #	LLF to be applied
P8548-**CR** LO	4800	53	**	
P8548-**CR** HI	9600	105	**	
P8572-**CR** LO	6400	70	**	
P8572-**CR** HI	12800	140	**	
P8548-**RC** LO	4800	50	12231RC48	0.56
P8548-**RC** HI	9600	100	**12231RC48**	1.11
P8572-**RC** LO	6400	70	**	
P8572-**RC** 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
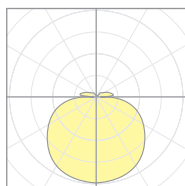
12231
P8524 TR 40 HI

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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
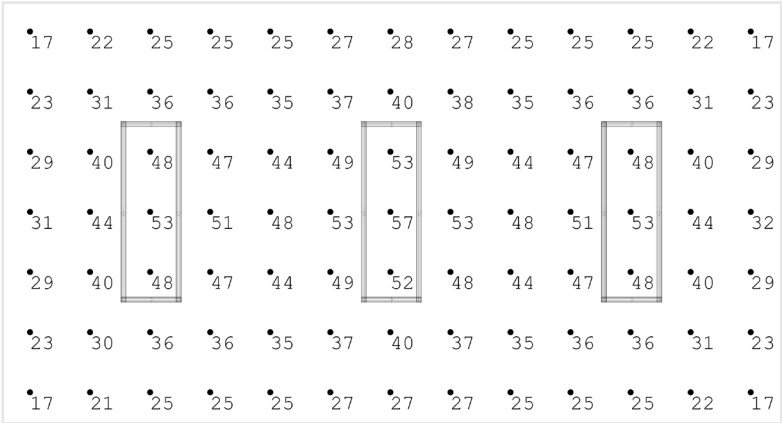- layout conducted using HI lumen package (4800 delivered lumens)

10	14	17	17	15	11
14	20	26	26	21	15
17	27	36	36	28	18
18	28	36	36	27	17
15	21	26	25	20	14
11	15	17	17	14	10

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	20.4 fc	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)

17	22	25	25	25	27	28	27	25	25	25	22	17
23	31	36	36	35	37	40	38	35	36	36	31	23
29	40	48	47	44	49	53	49	44	47	48	40	29
31	44	53	51	48	53	57	53	48	51	53	44	32
29	40	48	47	44	49	52	48	44	47	48	40	29
23	30	36	36	35	37	40	37	35	36	36	31	23
17	21	25	25	25	27	27	27	25	25	25	22	17

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	35.6 fc	57 fc	17 fc	3.35	2.09

impactltg

Powder Coat Paint Finishes
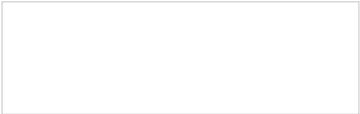
MW   matte white
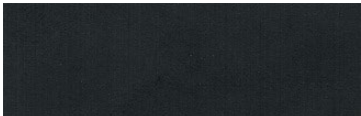
FB   flat black

TG   textured gray

SS   satin silver

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

MW

FB

TG

SS