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METROPOLIS SYSTEM

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Designed by David Meckley in collaboration with Juniper, the Metropolis System spans the full length of any space with high-output cylindrical modules engineered to offer a powerful lighting solution for workspaces and hospitality settings. The top and bottom of the LED modules can be independently dimmed for direct and indirect illumination, and can be diffused by an optional black mesh, signature to the Metropolis Collection.



METROPOLIS SYSTEM AT A GLANCE

FEATURES AND BENEFITS



UNIQUE STRUCTURE

The Bauhaus-inspired design complements architectural spaces

ARCHITECTURAL DIMMING

TRIAC, ELV, or 0-10V to 1% standard

Independent Direct/Indirect control optional

LIGHT MODULES

Machined aluminum with decorative mesh option

Powerful, high quality light

26" light modules deliver 4000LM

36" light modules deliver 6100LM

ADVANCED POWER SUPPLIES

Remotely located 24VDC power supplies keep fixture installation simple and make maintenance easy

SUPERIOR LIGHT QUALITY

Custom in-house manufactured LED modules with 95+ CRI, 90+ R9 values are standard for enhanced color and vibrancy

RANGE OF COLOR TEMPERATURES

2700K, 3000K, 3500K, 4000K

FIELD ADJUSTABLE TUBE SECTION

Suspension tube sections can be cut on site for easy accommodation of changing project conditions

ARCHITECTURAL FINISHES

Satin Brass, Satin Aluminum, Polished Aluminum, Satin Black

Solid brass hardware combines with high-performance aluminum

EASY INSTALLATION

Field-cutttable tube sections, color coded conductors, and leveling screws make things simple

SPECIFICATION GUIDE

METROPOLIS SYSTEM



FEATURES AND BENEFITS

Flexible Design

Modular 6 ft section includes two light modules. Light modules come in two sizes: 26" (4000LM) and 36" (6100LM).

Advanced Power Supplies

Remotely located 24VDC power supplies

Superior Light Quality

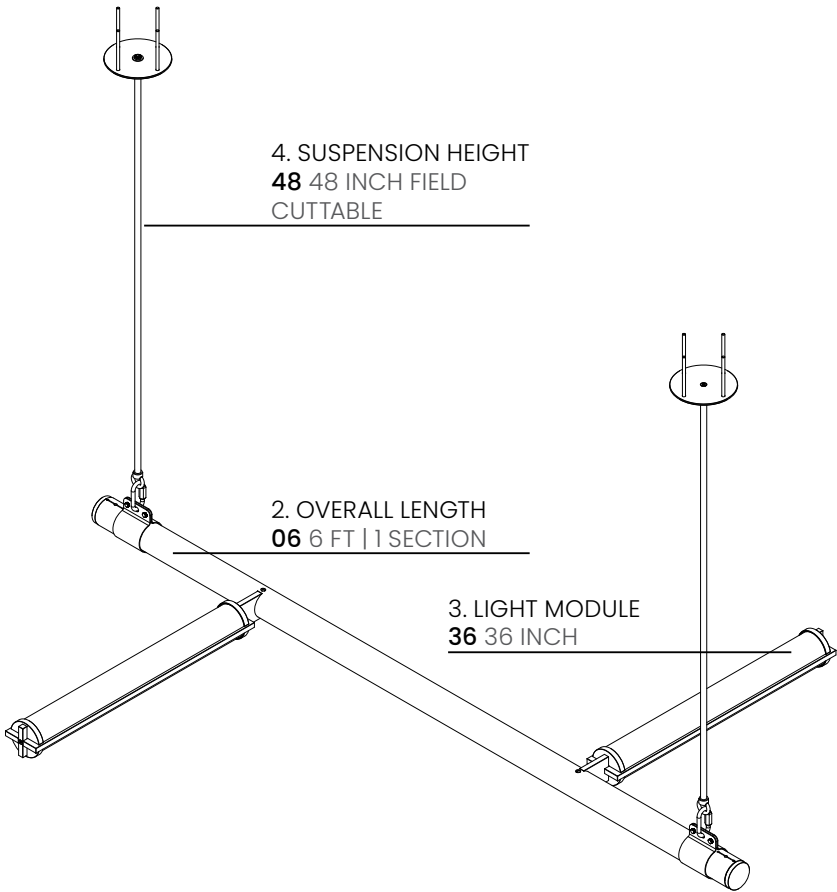
Custom LED modules with CRI of 95+ and 90+ R9 values

Range of color temperatures

2700K, 3000K, 3500K, 4000K

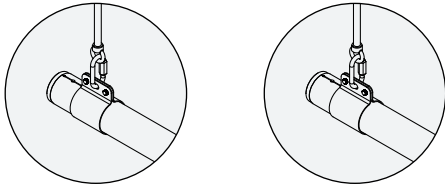
SYSTEM COMPONENTS

See p. 10

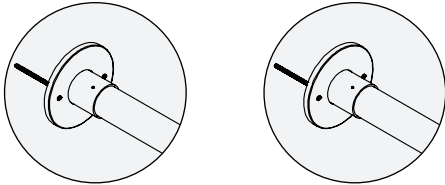


1.FAMILY

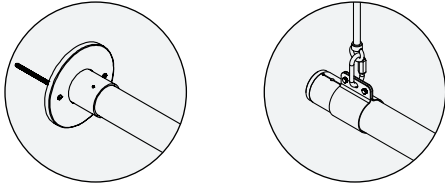
STS1 SUSPENSION TO SUSPENSION



WTW1 WALL TO WALL



WTS1 WALL TO SUSPENSION



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SPECIFICATION GUIDE

SKU BUILDER

SPECIFICATION BUILDER

JPR-MTRO-							
	1	2	3	4	5	6	7

MODEL	1. FAMILY		2. OVERALL LENGTH	3. LIGHT MODULE		
JPR-MTRO	STS1	SUSPENSION TO SUSPENSION	06	6 FT 1 SECTION	26	26 INCH
	WTW1	WALL TO WALL	12	12 FT 2 SECTIONS	36	36 INCH
	WTS1	WALL TO SUSPENSION	18	18 FT 3 SECTIONS		
			24	24 FT 4 SECTIONS		

4. SUSPENSION HEIGHT		5. POWER SUPPLY		6. CCT	
48	48 INCH FIELD CUTTABLE	R	REMOTE	27	2700K
CU	CUSTOM			30	3000K
				35	3500K
				40	4000K

7. MESH		8. FINISH	
M	MESH	14	SATIN BRASS SATIN BLACK TRIMS
N	NO MESH	16	SATIN BLACK SATIN BLACK TRIMS
		18	SATIN ALUMINUM SATIN BLACK TRIMS
		19	POLISHED ALUMINUM POLISHED ALUMINUM TRIMS
		42	SATIN ALUMINUM SATIN ALUMINUM TRIMS

* Call Juniper for customization

For detailed photometrics, see [Photometrics Guide](#).

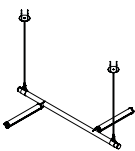
IES files available.



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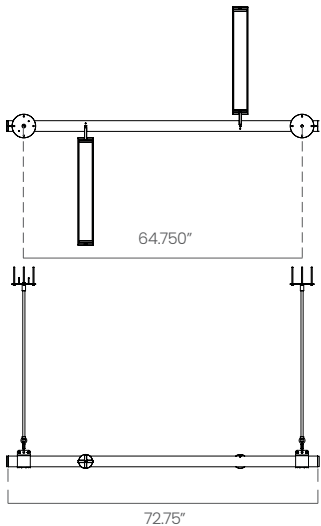
STANDARD LAYOUTS
SUSPENSION TO SUSPENSION **STS1**

06 6 FT | 1 SECTION

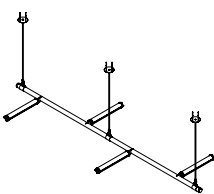


26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

28LBS | 1 POWER FEED 32LBS | 1 POWER FEED

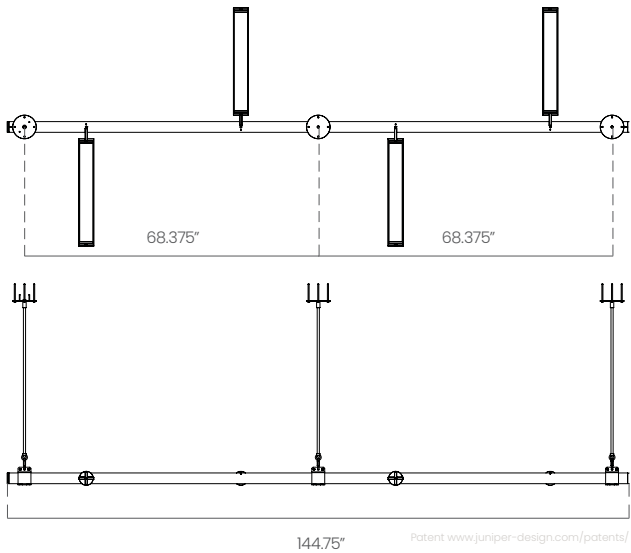


12 12 FT | 2 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

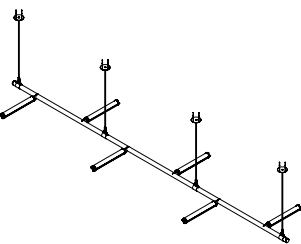
50LBS | 1 POWER FEED 57.5LBS | 1 POWER FEED



Updated: 07/27/2023

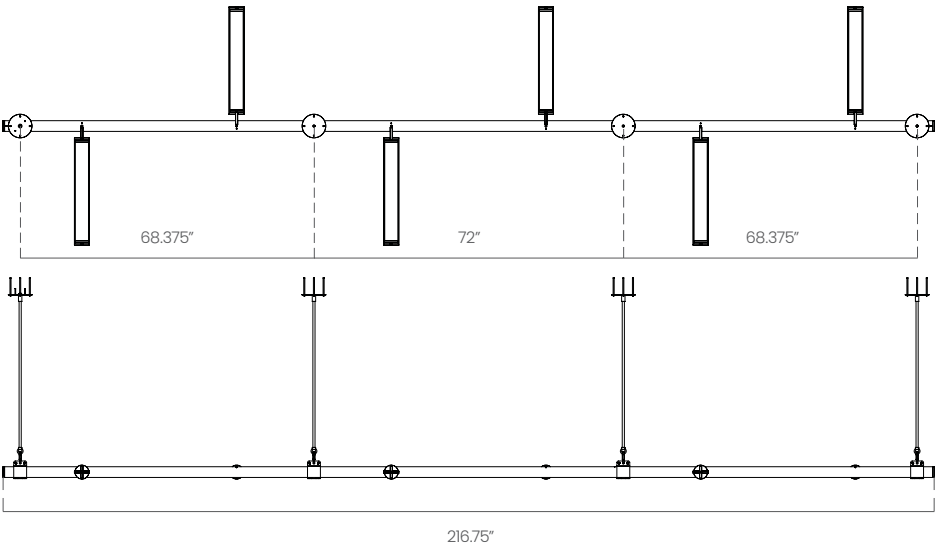
STANDARD LAYOUTS
SUSPENSION TO SUSPENSION **STS1**

18 18 FT | 3 SECTIONS

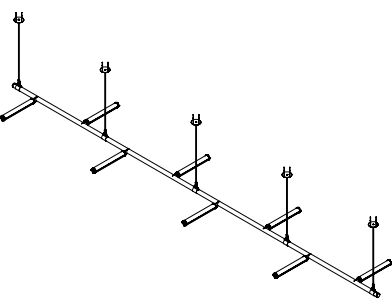


26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

71.5LBS | 1 POWER FEED 83LBS | 2 POWER FEEDS

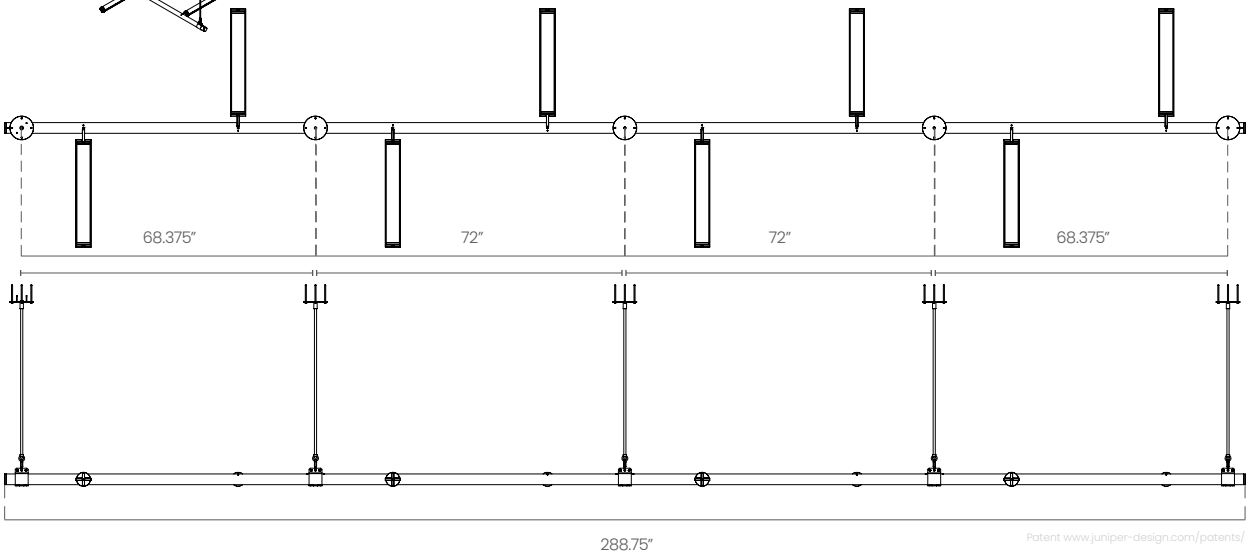


24 24 FT | 4 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

93LBS | 2 POWER FEEDS 108.5LBS | 2 POWER FEEDS



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STANDARD LAYOUTS
SUSPENSION TO SUSPENSION **STS1**

18' STS1 Shown Below

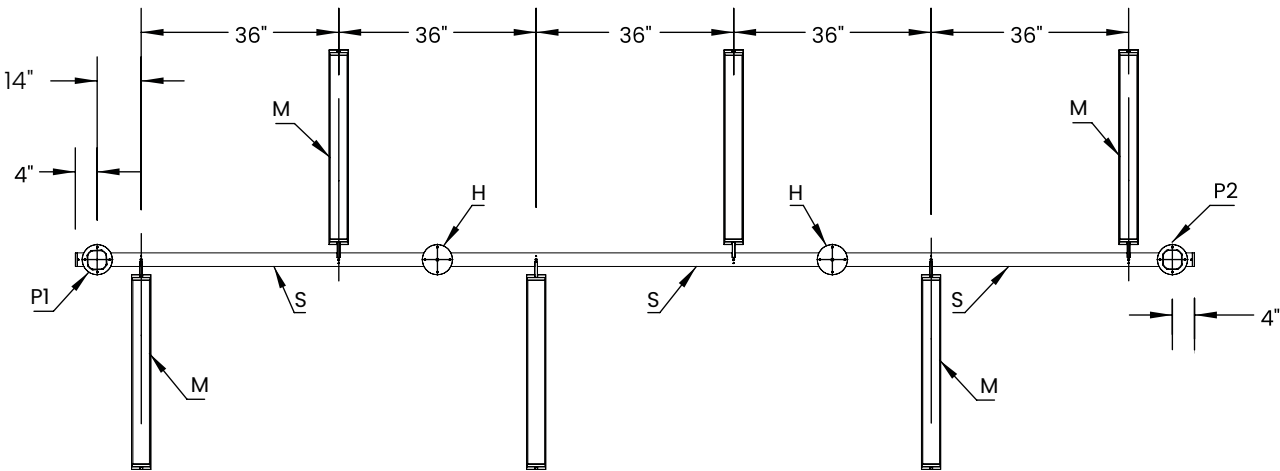


FIGURE 1A - TOP VIEW

Mounting point dimensions from center of ceiling mounting plate shown in Figure 1B.

- KEY**
- POWERED HANGERS (P1/P2)** - This hanger connects the fixture to the ceiling and powers the light modules.
 - SUPPORT HANGERS (H)** - These hangers support and connect the fixture to the ceiling. They are not powered.
 - LIGHT MODULES (M)** - Light modules are fastened and wired to the tubes.
 - TUBE SECTIONS (S)** - Light modules and hangers are connected to the tube sections. Sections also house wire harness to power the light modules.

STANDARD LAYOUTS
SUSPENSION TO SUSPENSION **STS1**

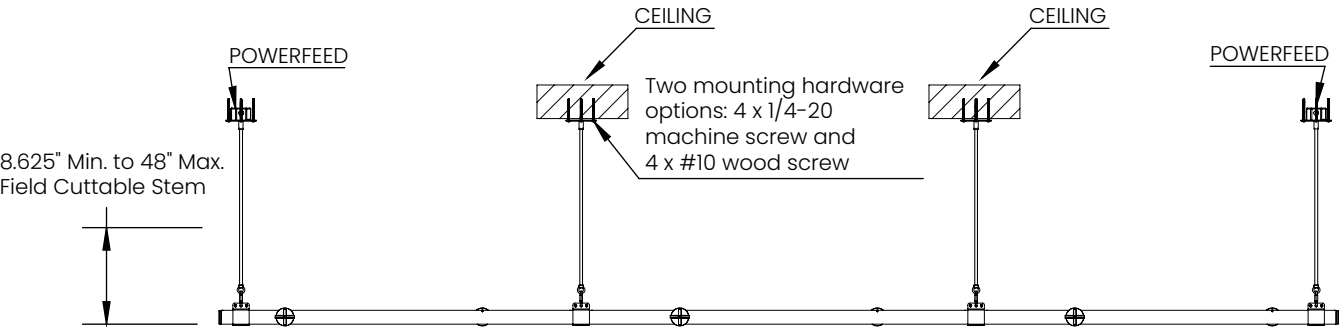


FIGURE 1B - SIDE VIEW

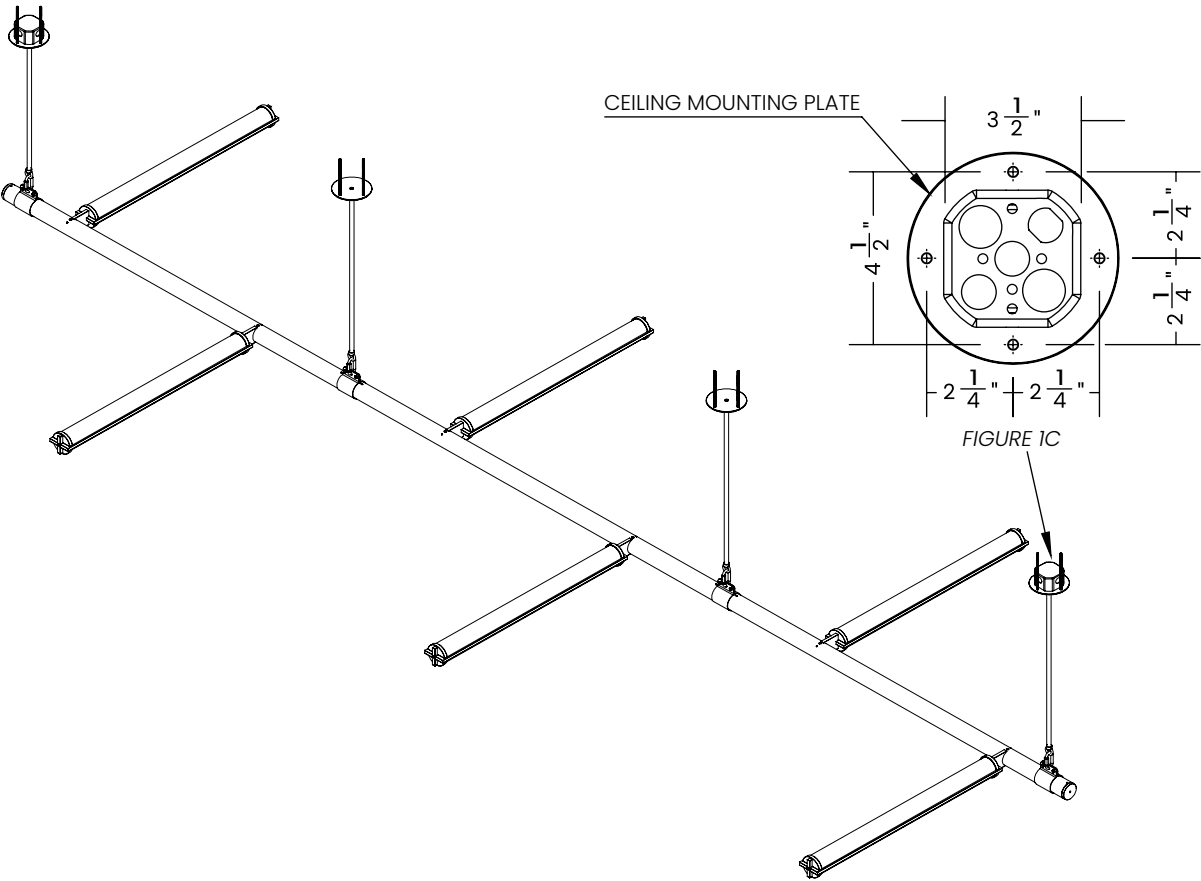
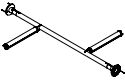


FIGURE 1C

*Junction box not included

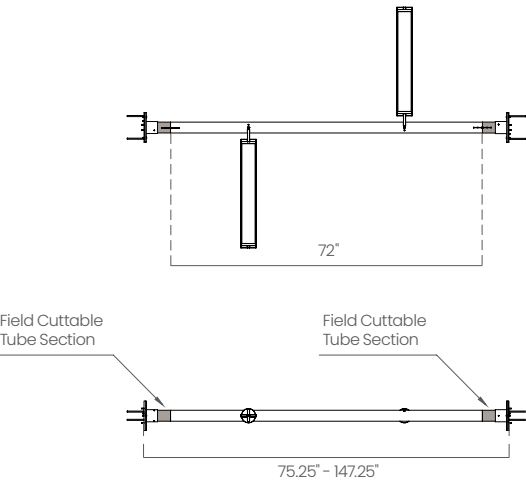
STANDARD LAYOUTS
WALL TO WALL WTW1

06 6 FT | 1 SECTION



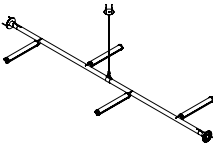
26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

31LBS | 1 POWER FEED 35LBS | 1 POWER FEED



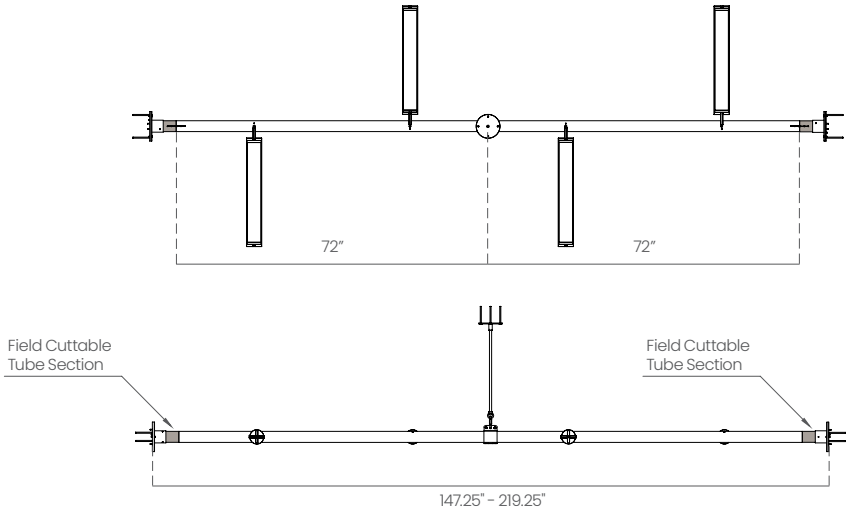
* Includes field-cuttable extension section. See p. 21

12 12 FT | 2 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

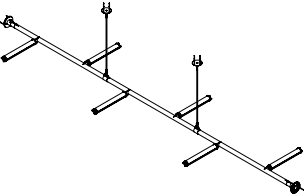
53LBS | 1 POWER FEED 60.5LBS | 1 POWER FEED



* Includes field-cuttable extension section. See p. 21

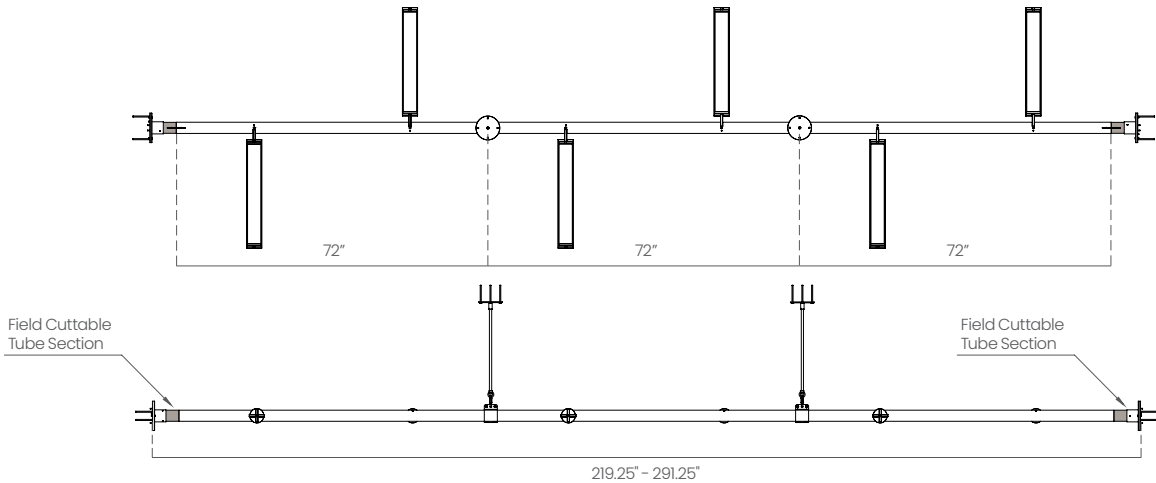
STANDARD LAYOUTS
WALL TO WALL WTW1

18 18 FT | 3 SECTIONS



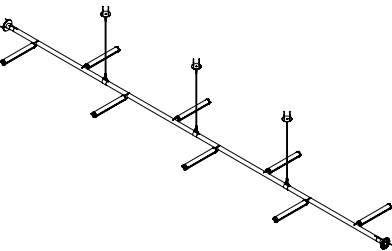
26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

74.5LBS | 1 POWER FEED 86LBS | 2 POWER FEEDS



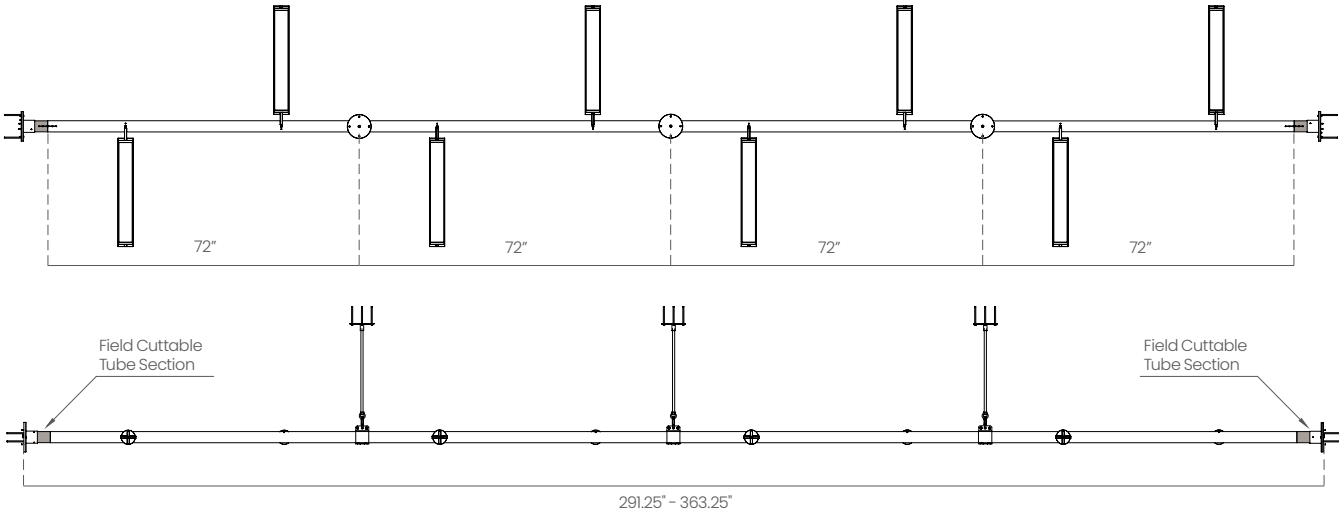
* Includes field-cuttable extension section. See p. 21

24 24 FT | 4 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

96.5LBS | 2 POWER FEEDS 112LBS | 2 POWER FEEDS



* Includes field-cuttable extension section. See p. 21

18' WTW1 Shown Below

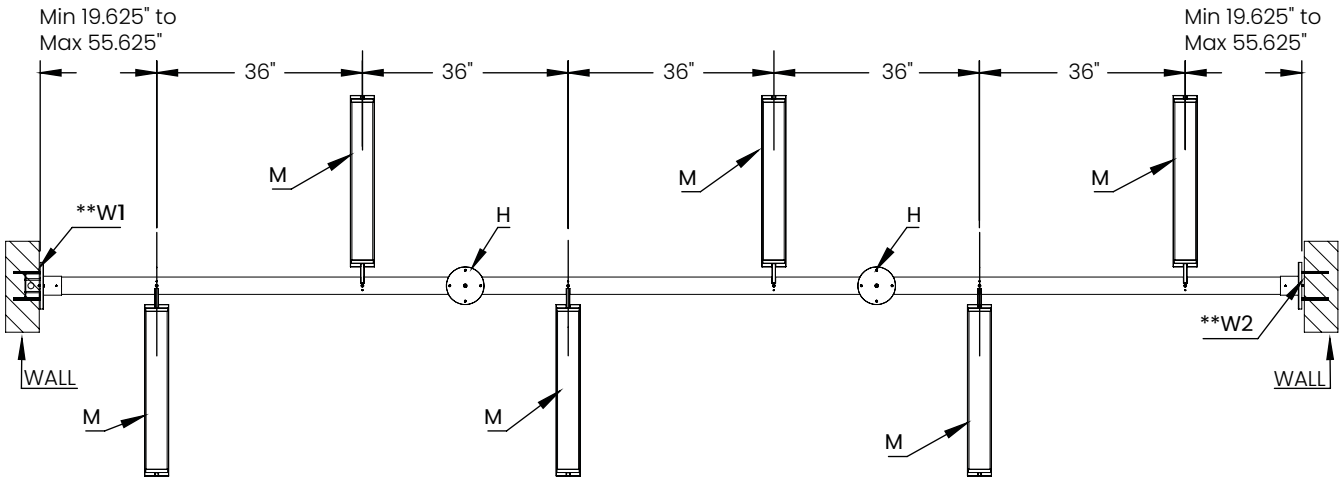


FIGURE 1A – TOP VIEW

Mounting point dimensions from center of ceiling mounting plate shown in Figure 1B.
Dimensions above are taken from center of hanger's ceiling mounting plate.
Mounting point dimensions for wall mount shown in figure 1C.

- KEY**
- WALL MOUNTS (W1, W2)** - Wall mounts are used to connect, support and supply power to the fixture from the wall.
 - SUPPORT HANGERS (H)** - These hangers support and connect the fixture to the ceiling.
 - LIGHT MODULES (M)** - Light modules contain lighting components. They are fastened and wired to the tubes.
 - TUBE SECTIONS (S1/S2)** - Light modules and hangers are connected to the tube sections. Tubes also house wire harness to power the light modules.

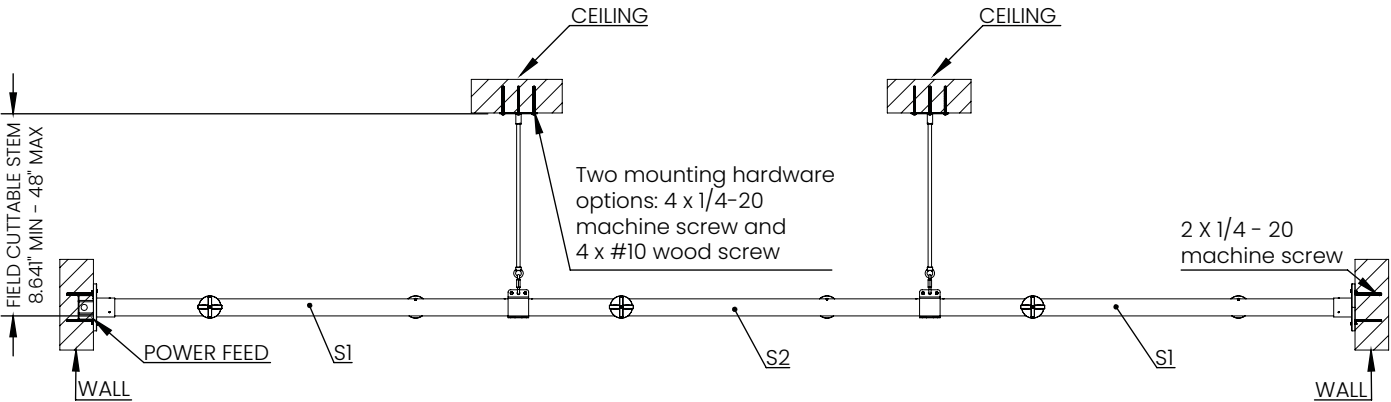


FIGURE 2 – SIDE VIEW

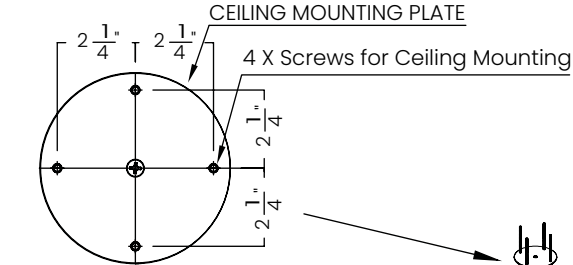


FIGURE 1C – SUPPORT HANGER

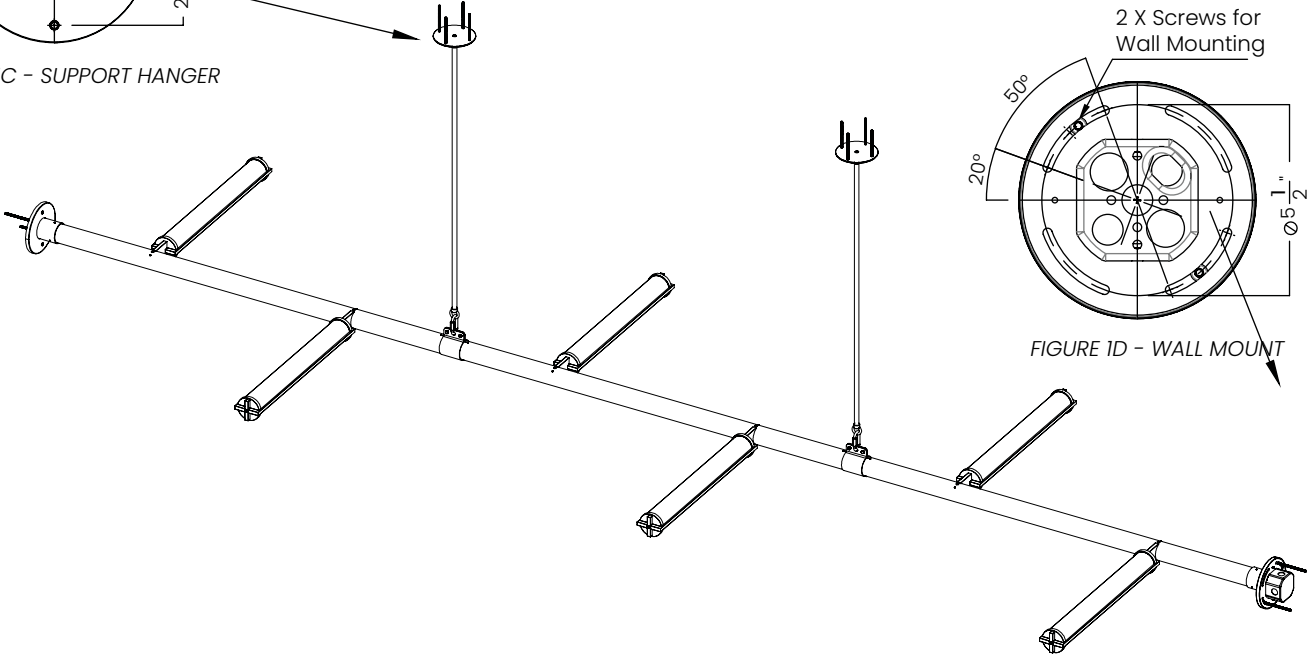
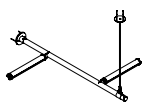


FIGURE 1D – WALL MOUNT

*Junction box not included

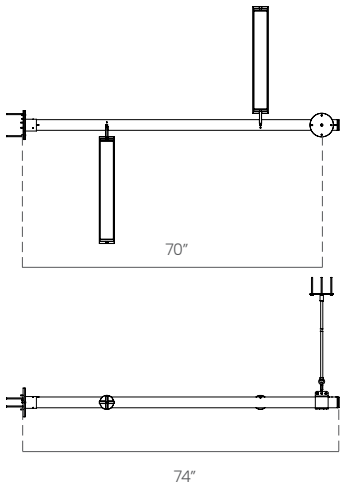
STANDARD LAYOUTS
WALL TO SUSPENSION WTS1

06 6 FT | 1 SECTION

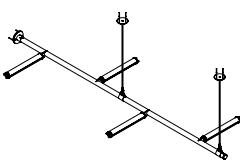


26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

25.5LBS | 1 POWER FEED 29.5LBS | 1 POWER FEED

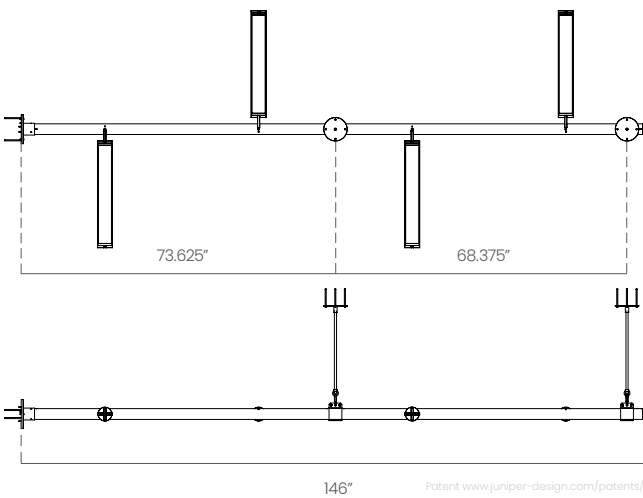


12 12 FT | 2 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

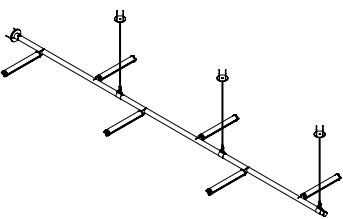
47.5LBS | 1 POWER FEED 55LBS | 1 POWER FEED



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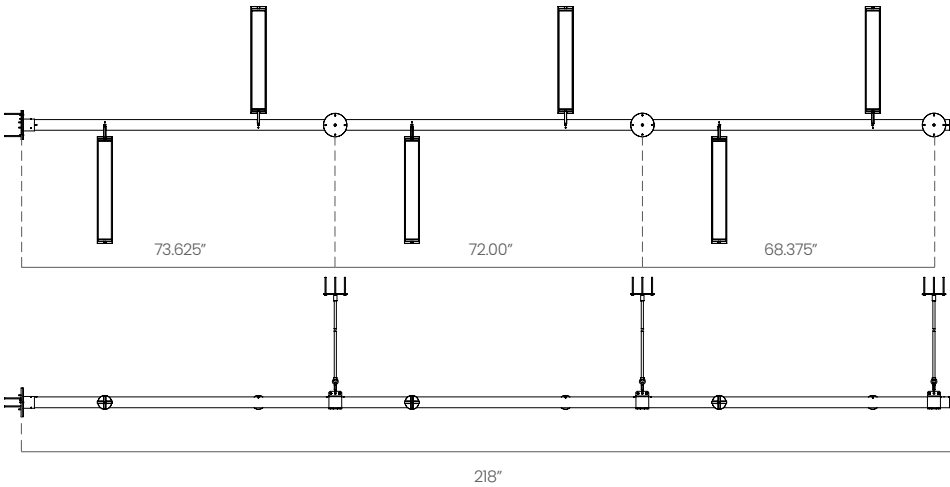
STANDARD LAYOUTS
WALL TO SUSPENSION WTS1

18 18 FT | 3 SECTIONS

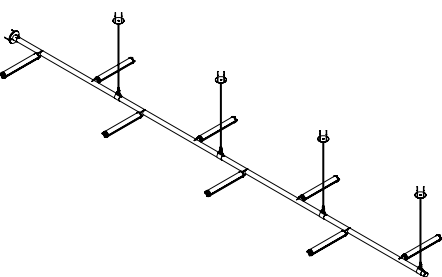


26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

69LBS | 1 POWER FEED 80.5LBS | 2 POWER FEEDS

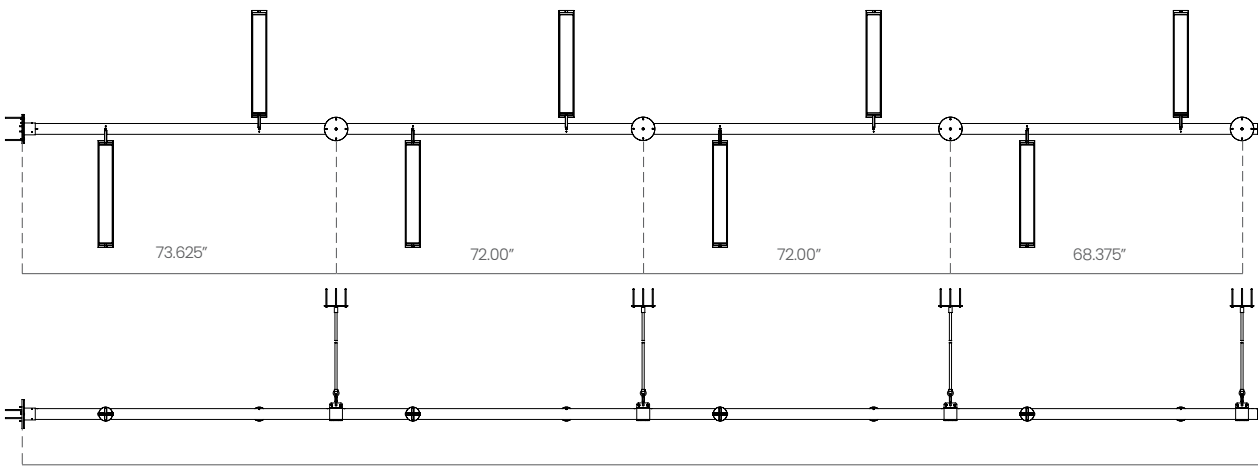


24 24 FT | 4 SECTIONS



26 26 INCH LIGHT MODULE 36 36 INCH LIGHT MODULE

90.5LBS | 2 POWER FEEDS 106LBS | 2 POWER FEEDS



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STANDARD LAYOUTS
WALL TO SUSPENSION WTS1

12' WTS1 Shown Below

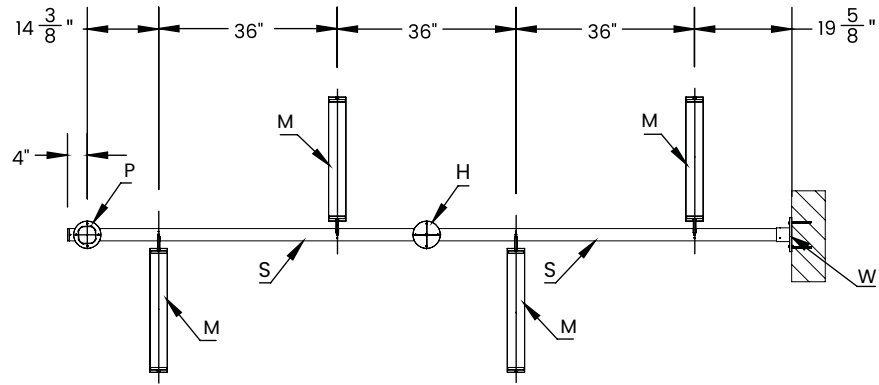


FIGURE 1A - TOP VIEW

Mounting point dimensions from center of ceiling mounting plate shown in Figure 1B.

- KEY**
- POWERED HANGERS (P)** - This hanger connects the fixture to the ceiling and powers the light modules.
 - SUPPORT HANGERS (H)** - These hangers support and connect the fixture to the ceiling. They are not powered.
 - LIGHT MODULES (M)** - Light modules are fastened and wired to the tubes.
 - TUBE SECTIONS (S)** - Light modules and hangers are connected to the tube sections. Tube Sections also house wire harness to power the light modules.
 - WALL MOUNTS (W)** - Wall mounts are used to connect, support and supply power to the fixture from the wall.

STANDARD LAYOUTS
WALL TO SUSPENSION WTS1

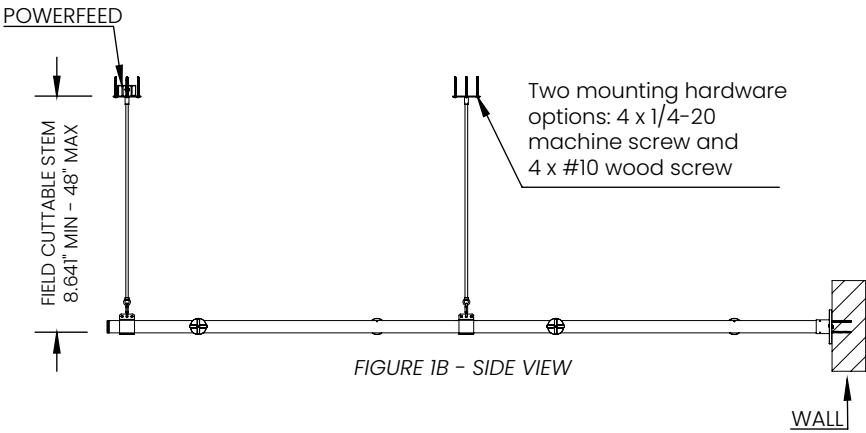


FIGURE 1B - SIDE VIEW

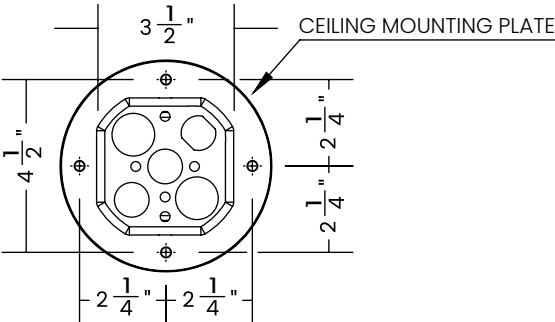


FIGURE 1C

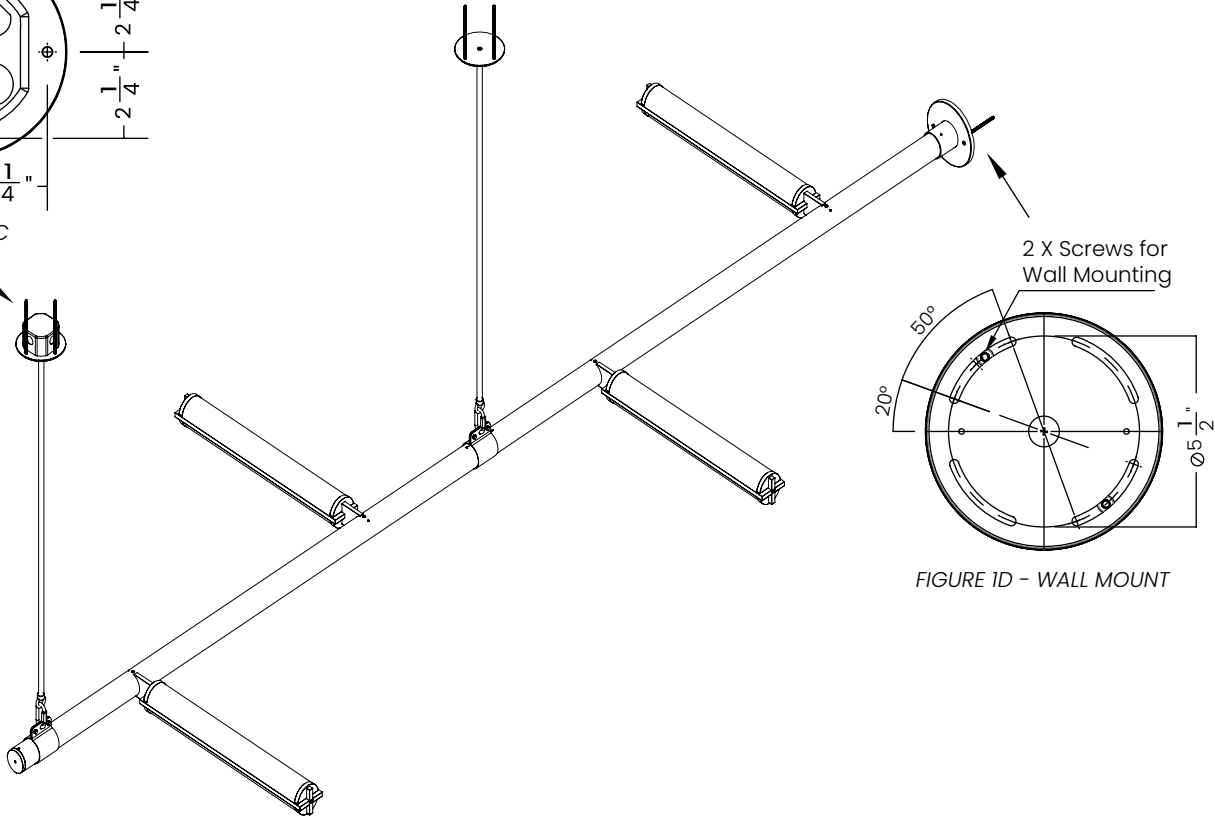
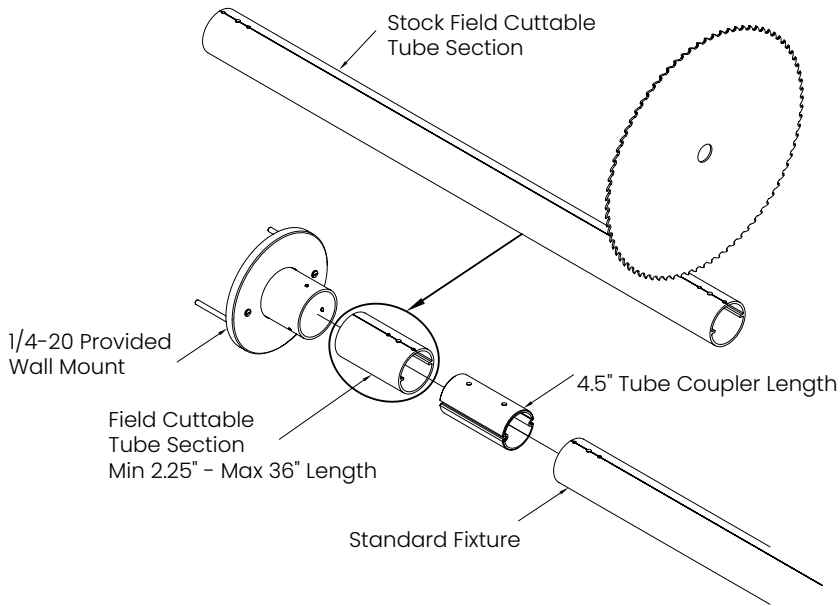


FIGURE 1D - WALL MOUNT

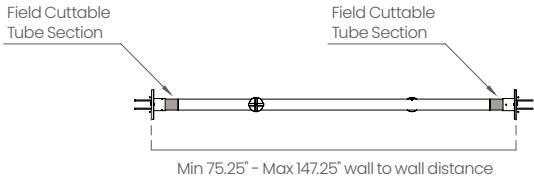
Updated: 07/27/2023

STANDARD LAYOUTS
FIELD CUTTABLE TUBE SECTION **WTW1**

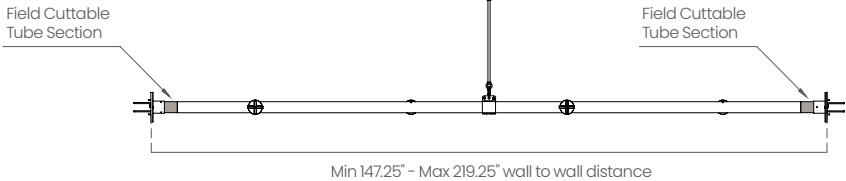


*Junction box not included and use of field cuttable tube section is optional

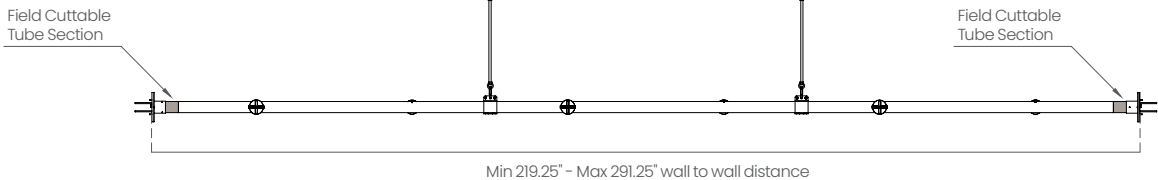
06 6 FT | 1 SECTION



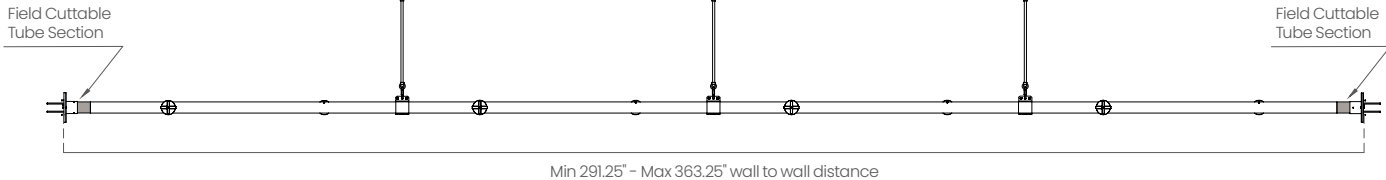
12 12 FT | 2 SECTIONS



18 18 FT | 3 SECTIONS

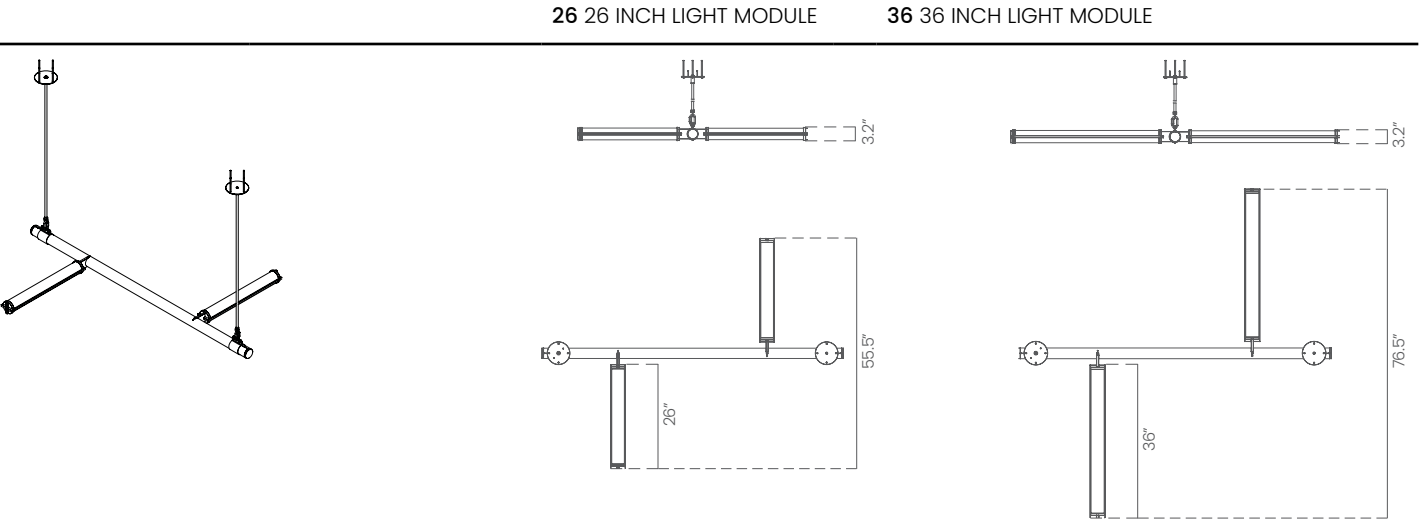


24 24 FT | 4 SECTIONS



Updated: 07/27/2023

STANDARD LAYOUTS
LIGHT MODULE **26 | 36**



STS1 SUSPENSION TO SUSPENSION	26 26 INCH LIGHT MODULE	36 36 INCH LIGHT MODULE
06 6 ft 1 section	28LBS 1 POWER FEED	32LBS 1 POWER FEED
12 12 ft 2 sections	50LBS 1 POWER FEED	57.5LBS 1 POWER FEED
18 18 ft 3 sections	71.5LBS 1 POWER FEED	83LBS 2 POWER FEEDS
24 24 ft 4 sections	93LBS 2 POWER FEEDS	108.5LBS 2 POWER FEEDS

WTW1 WALL TO WALL	26 26 INCH LIGHT MODULE	36 36 INCH LIGHT MODULE
06 6 ft 1 section	31LBS 1 POWER FEED	35LBS 1 POWER FEED
12 12 ft 2 sections	53LBS 1 POWER FEED	60.5LBS 1 POWER FEED
18 18 ft 3 sections	74.5LBS 1 POWER FEED	86LBS 2 POWER FEEDS
24 24 ft 4 sections	96.5LBS 2 POWER FEEDS	112LBS 2 POWER FEEDS

WTS1 WALL TO SUSPENSION	26 26 INCH LIGHT MODULE	36 36 INCH LIGHT MODULE
06 6 ft 1 section	25.5LBS 1 POWER FEED	29.5LBS 1 POWER FEED
12 12 ft 2 sections	47.5LBS 1 POWER FEED	55LBS 1 POWER FEED
18 18 ft 3 sections	69LBS 1 POWER FEED	80.5LBS 2 POWER FEEDS
24 24 ft 4 sections	90.5LBS 2 POWER FEEDS	106LBS 2 POWER FEEDS

SYSTEM SPECIFICATIONS
SYSTEM AND DRIVER MATRIX STS1 WTW1 WTS1

SIZE OF LIGHT MODULE (IN)	OVERALL LENGTH (FT)	NO. OF LIGHT MODULES	TOTAL WATTS (W)	NO. OF DRIVERS	WATTAGE / DRIVER (W)	NO. OF POWER FEEDS	TOTAL DRIVER WATTAGE (W)
26	6 FT 1 SECTION	2	71.6	2	60	1	120
	12 FT 2 SECTIONS	4	143.2				192
	18 FT 3 SECTIONS	6	214.8	4	384		
	24 FT 4 SECTIONS	8	286.4		384		
	36	6 FT 1 SECTION	2	107.6	2		60
12 FT 2 SECTIONS		4	215.2	4	240		
18 FT 3 SECTIONS		6	322.8	6	2	360	
24 FT 4 SECTIONS		8	430.4	8		480	

Notes:

2 conductors required per driver, per fixture

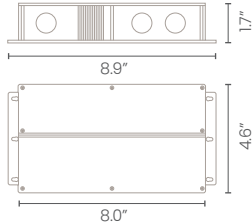
14 AWG feeder cable recommended

Direct / Indirect or Unison dimming does not change driver requirements

SYSTEM SPECIFICATIONS
POWER SUPPLY

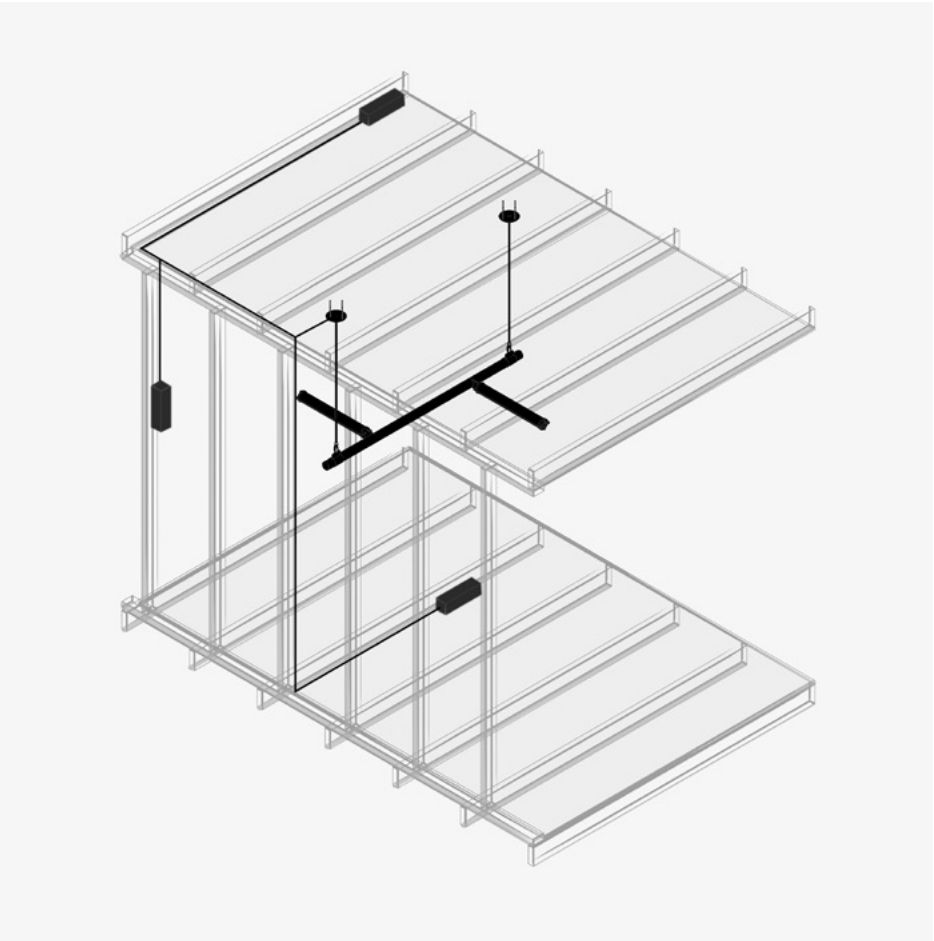
- The METROPOLIS System power supplies are 120–277V AC input, forward-phase, reverse-phase, and 0–10V dimming to 1% in one package
- UL Listed power supplies are available for remote applications
- Use chart to determine the best wattage for the required layout and run length

ITEM	PART NUMBER	WATTAGE	INPUT VOLTAGE	DIMMING
POWER SUPPLY 24VDC, TRIAC/ELV/0-10V 1% DIMMING, REMOTE, UL LISTED				
	JPR-PWR-0128	60W	120–277V AC	FORWARD PHASE, REVERSE PHASE, 0-10V TO 1%
	JPR-PWR-0129	96W		



LOCATING THE REMOTE POWER SUPPLIES

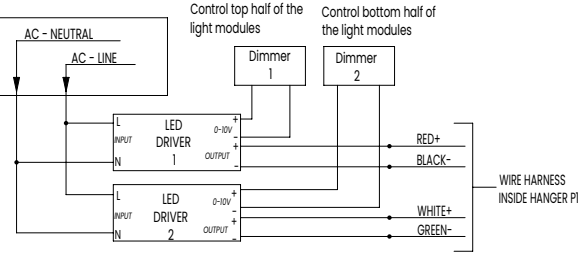
Remote power supplies are typically located within 50' of the power feed, in an accessible location. minimum 16AWG feeder cable recommended (supplied by electrician)– voltage drop calculations by electrician.



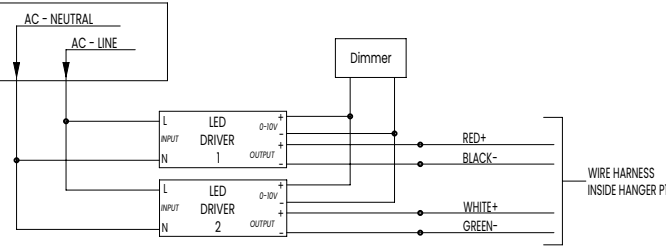
SYSTEM SPECIFICATIONS
WIRING DIAGRAMS 6FT | 1 SECTION STS1 WTW1 WTS1

26" AND 36" LIGHT MODULES

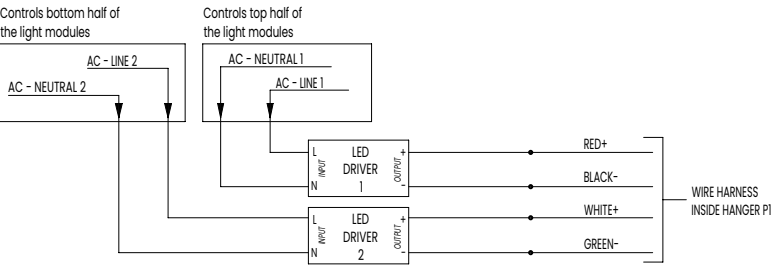
0-10V Direct/Indirect Dimming



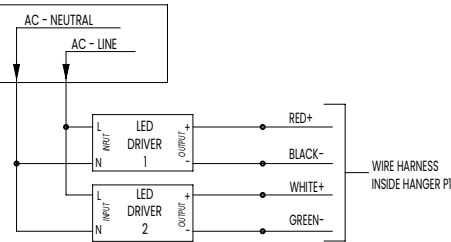
0-10V Unison Dimming



ELV/Triac Direct/Indirect Dimming



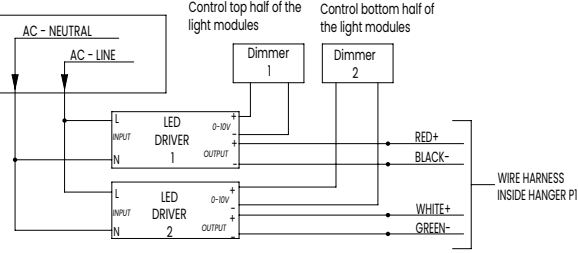
ELV/Triac Unison Dimming



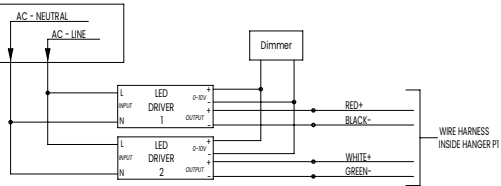
SYSTEM SPECIFICATIONS
WIRING DIAGRAMS 12FT | 2 SECTIONS STS1 WTW1 WTS1

26" LIGHT MODULES

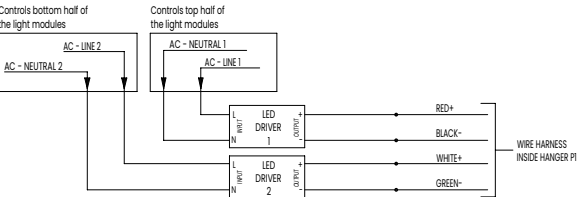
0-10V Direct/Indirect Dimming



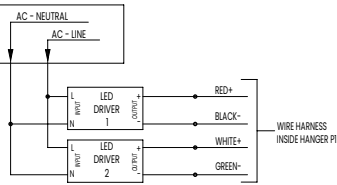
0-10V Unison Dimming



ELV/Triac Direct/Indirect Dimming

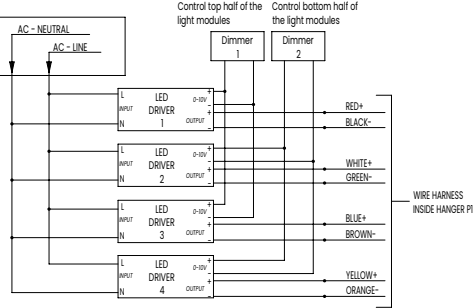


ELV/Triac Unison Dimming

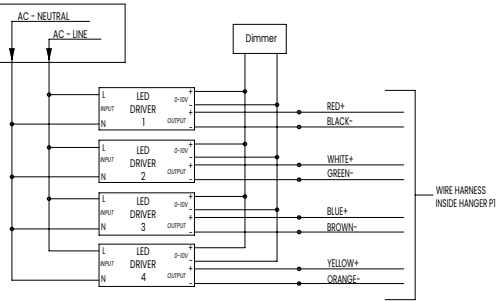


36" LIGHT MODULES

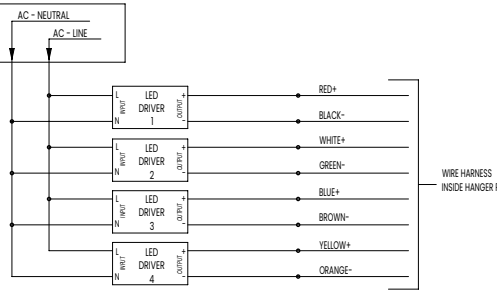
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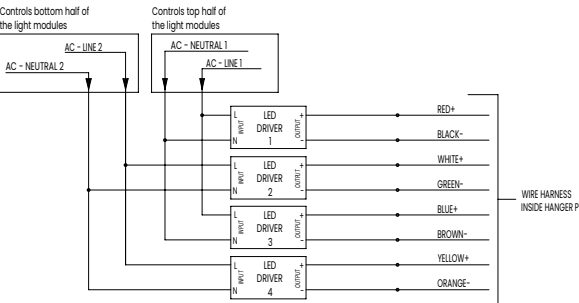
0-10V Unison Dimming



ELV/Triac Direct/Indirect Dimming



ELV/Triac Unison Dimming



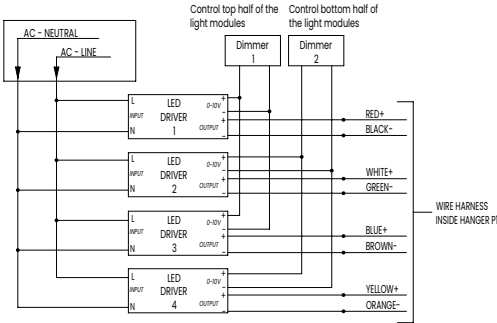
27

SYSTEM SPECIFICATIONS

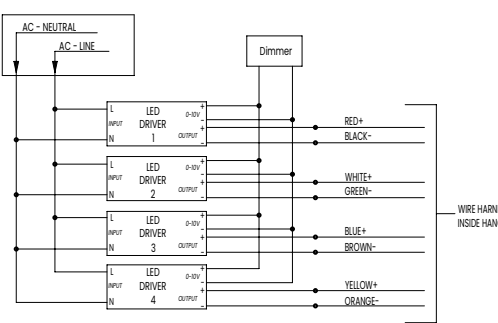
WIRING DIAGRAMS 18FT | 3 SECTIONS STS1 WTW1 WTS1

26" LIGHT MODULES

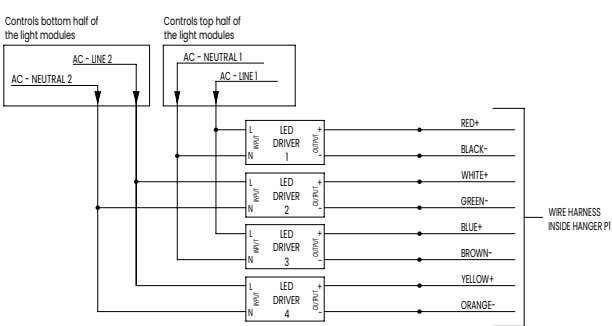
0-10V Direct/Indirect Dimming



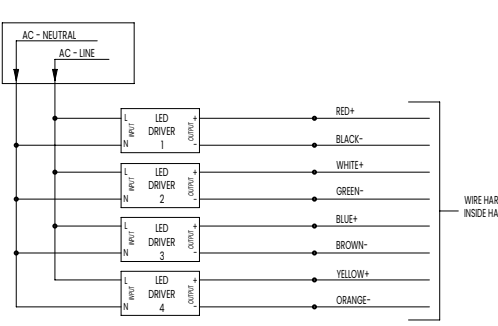
0-10V Unison Dimming



ELV/Triac Direct/Indirect Dimming

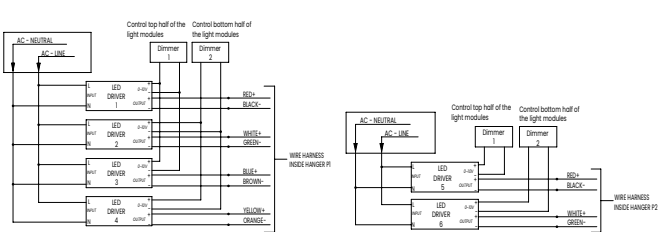


ELV/Triac Unison Dimming

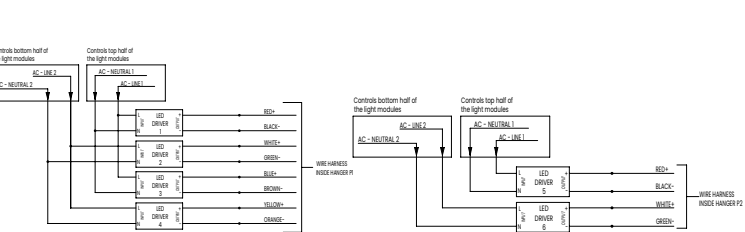


36" LIGHT MODULES

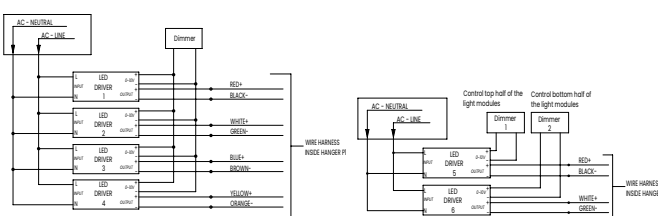
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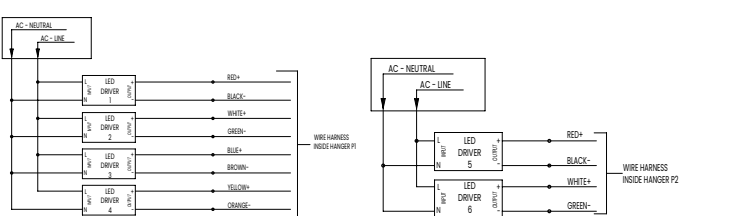
ELV/Triac Direct/Indirect Dimming



0-10V Unison Dimming



ELV/Triac Unison Dimming



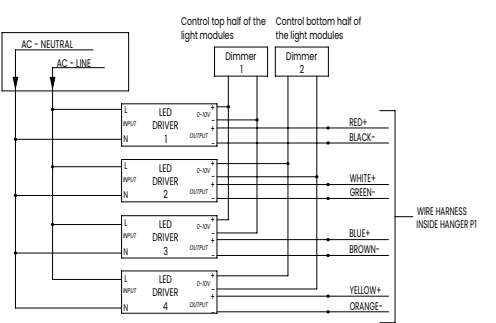
28

SYSTEM SPECIFICATIONS

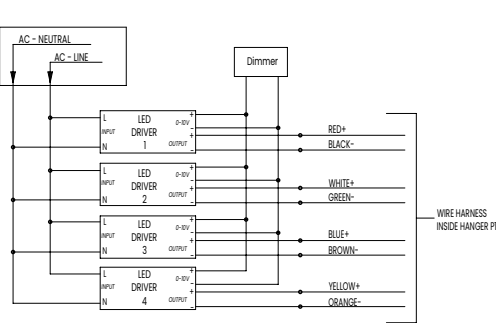
WIRING DIAGRAMS 24FT | 4 SECTIONS STS1 WTW1 WTS1

26" LIGHT MODULES

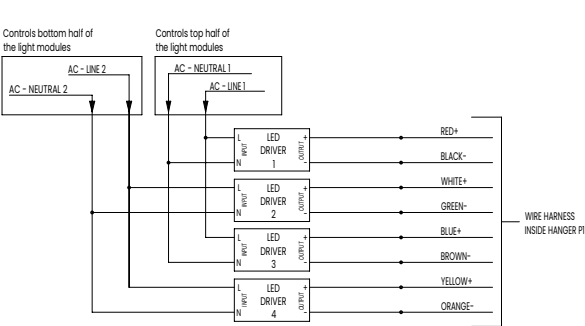
0-10V Direct/Indirect Dimming



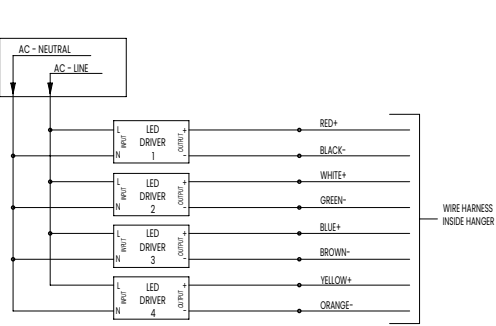
0-10V Unison Dimming



ELV/Triac Direct/Indirect Dimming

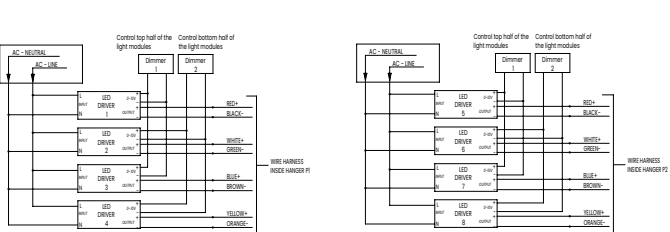


ELV/Triac Unison Dimming

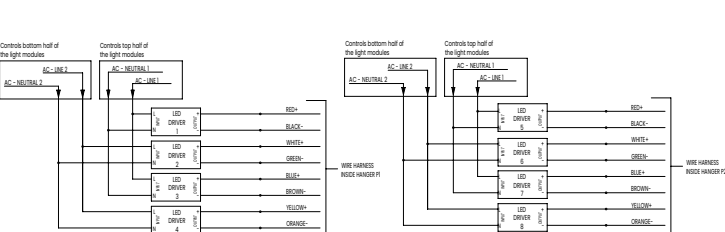


36" LIGHT MODULES

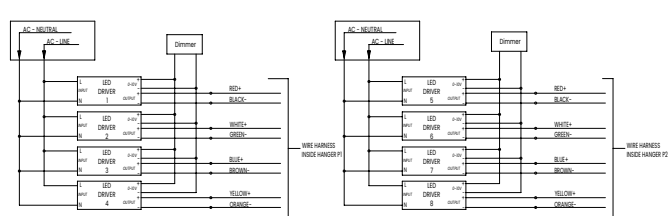
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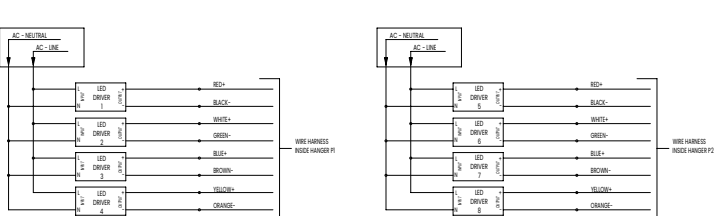
ELV/Triac Direct/Indirect Dimming



0-10V Unison Dimming

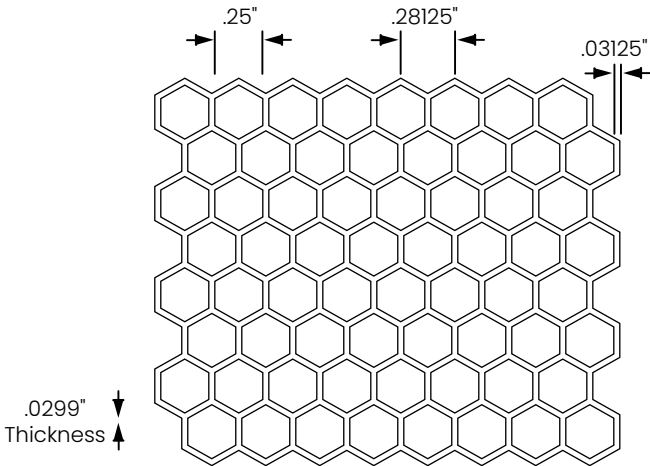
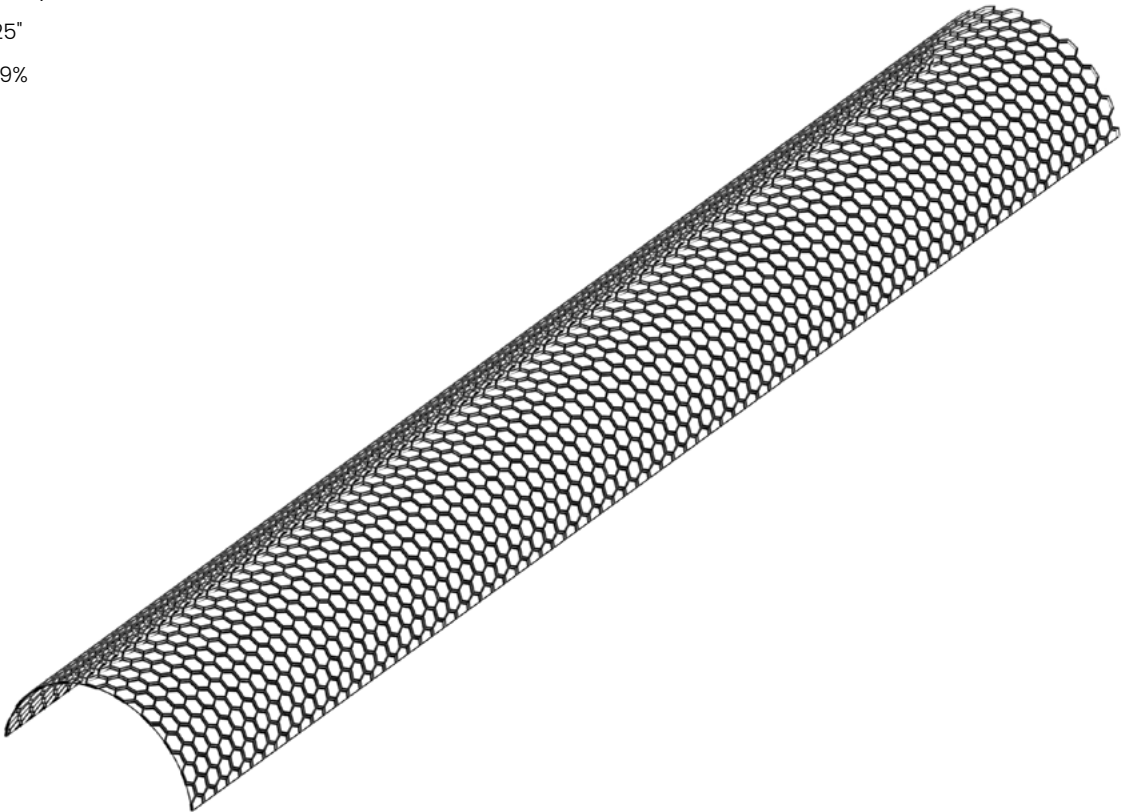


ELV/Triac Unison Dimming



SYSTEM SPECIFICATIONS
HEXAGONAL MESH DETAILS

Material: Steel
Finish: Black
Gauge: 22 (0.031")
Hole Size: 0.25"
Open Area: 79%



1:1 Scale | Hexagonal Mesh

SYSTEM SPECIFICATIONS
FINISHES



14 Satin Brass | Satin Black Trims



16 Satin Black | Satin Black Trims



18 Satin Aluminum | Satin Black Trims



19 Polished Aluminum | Polished Aluminum Trims



42 Satin Aluminum | Satin Aluminum Trims