

Polygon 44P Series

The Square/Rectangle

The Polygon 44P Series creates a new method for customizing the lighting in your space. Choose from multiple different bracket styles and fixture lengths to construct a unique, personalized lighting system. The popular 44P fixtures provide bright, white and energy efficient illumination with up and down lighting options. Rejuvenate your space with an interesting custom fixture!

CONSTRUCTION

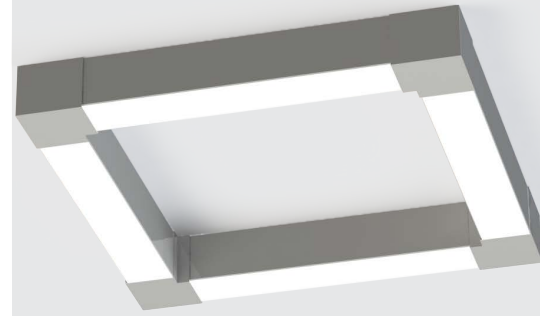
Fixture housing is welded and die-formed 22 gauge powder coated cold-rolled steel; brackets are fabricated from 18 gauge cold-rolled steel.

OPTIONS

14W emergency battery backup integrated in fixtures 4 ft and up.

FLAIR

Customize the color of your brackets and/or end caps to add flair to your unique hanging luminaire system. Consult factory for more information.



DIMENSIONS

- 24" 44P: 34"L x 34"W x 4.05"H
- 48" 44P: 58"L x 58"W x 4.05"H
- 72" 44P: 82"L x 82"W x 4.05"H
- 96" 44P: 108"L x 108"W x 4.05"H

SPECIFICATIONS

- 4 standard fixture sizes – 24", 48", 72", and 96"
- Customizable bracket colors available
- Pendant mount for most ceilings
- Many lumen package / wattage options via programmable drivers
- Multiple Kelvin temperature options (3000K, 3500K, 4000K, 5000K)
- Emergency battery backup options available
- CRI >80 (90 CRI available)
- >50,000 hrs of L70 LED life
- Rated for dry and damp locations
- 0-10 Volt dimmable 120-277V (120V ELV/TRIAC avail)
- Power factor >0.90
- 5 year warranty



ORDERING GUIDE

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration. Sample Part Number: PLY44 -SF-58X58-LR-U112-D192-DMV-WH-30K-SL-EM14-SQ

SERIES	DIFFUSER	WIDTH X LENGTH ¹	GEAR	WATTAGE & LUMENS* ²	
PLY44	SF Snap-in Frosted acrylic	34X34 34"W x 34"L	LR	Up & Down	U56D96 Uplight 56W & 5600 Lumens, Downlight 96W & 9600 Lumens
					D96 Downlight 96W & 9600 Lumens
				Down Only	U112D192 Uplight 112W & 11200 Lumens, Downlight 192W & 19200 Lumens
					D192 Downlight 192W & 19200 Lumens
		58X58 58"W x 58"L	LR	Up & Down	U168D288 Uplight 168W & 16800 Lumens, Downlight 288W & 28800 Lumens
					D288 Downlight 288W & 28800 Lumens
				Down Only	U224D384 Uplight 224W & 22400 Lumens, Downlight 384W & 38400 Lumens
					D384 Downlight 384W & 38400 Lumens
		82X82 82"W x 82"L	LR	Up & Down	U168D288 Uplight 168W & 16800 Lumens, Downlight 288W & 28800 Lumens
					D288 Downlight 288W & 28800 Lumens
				Down Only	U224D384 Uplight 224W & 22400 Lumens, Downlight 384W & 38400 Lumens
					D384 Downlight 384W & 38400 Lumens
108X108 108"W x 108"L	LR	Up & Down	U168D288 Uplight 168W & 16800 Lumens, Downlight 288W & 28800 Lumens		
			D288 Downlight 288W & 28800 Lumens		
		Down Only	U224D384 Uplight 224W & 22400 Lumens, Downlight 384W & 38400 Lumens		
			D384 Downlight 384W & 38400 Lumens		

DRIVER		FINISH		CCT		FLAIR ³		OPTIONS	
DMV	0-10V Dimming	WH	White	30K	3000K	SL	Silver		
		BK	Black	35K	3500K	BK	Black	EM14 14W Emergency battery backup (integrated in fixtures 4ft and over)	SQ Square
DMV11	0-10V Dimming Separate drivers for uplight and downlight	SL	Silver	40K	4000K	RD	Red		
				50K	5000K				

Note:

- Width and length measured as overall system dimensions, dimensions will change for each custom pattern created.
- Values shown are per fixture. Minimum fixture wattage of 10W. Minimum 5W per fixture foot uplight and downlight. Maximum 9W per fixture foot uplight and 18W per fixture foot downlight. Power feed cable is 18AWG, power drop is required every 800W or 48 feet for 1-10V dimming, whichever comes first. EM not available in fixtures with sections 2' and shorter if there is uplight and downlight.
- NEW! Personalize your lighting even further by choosing a standard flair color for your brackets, at no additional cost, from the guide on the following page.
- Create your own custom pattern to fit your space! All custom patterns require design and drawing approval, contact factory for more information.
- HC712 hanging kit comes standard with PLY44 fixtures. Consult factory for other options.

*Programmable LED drivers allow custom configured wattages and corresponding lumens.

We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

CATALOG#: _____
PROJECT: _____
TYPE: _____

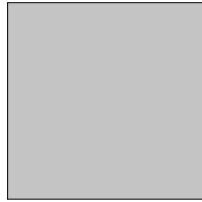
STANDARD FLAIR BRACKET COLORS AND FINISHES



Gloss Black
(GB)



Matte Black
(BK)



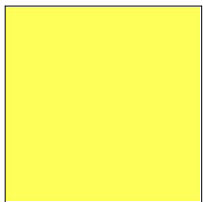
Matte Silver
(SL)



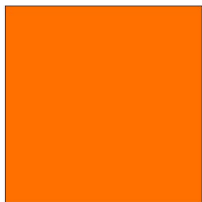
Statuary Bronze
(BZ)



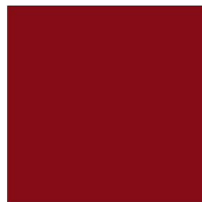
Glimmer (Iron)
(IR)



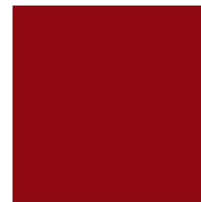
Safety Yellow
(YL)



Safety Orange
(OR)



Red
(RD)



Fire Engine Red
(FR)



Blue
(BL)

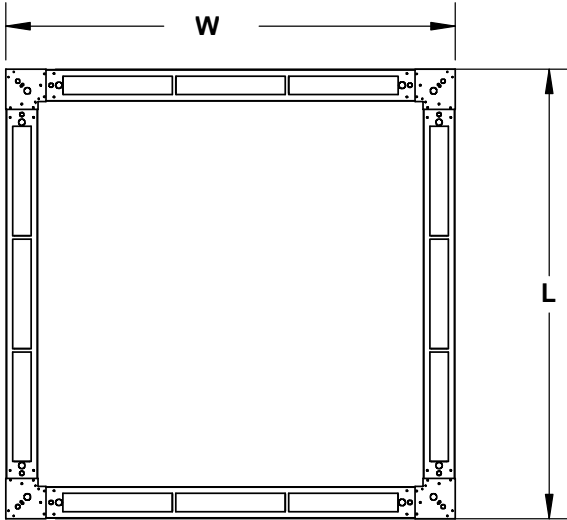
NOTE: Factory offers any Tiger Drylac RAL finish, contact Saylite for more information. Consult factory for information on specialty "real wood" finishes.

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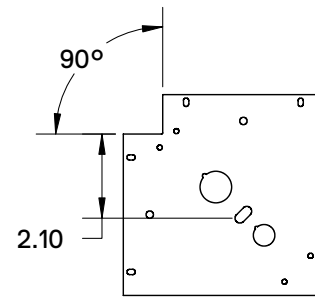
Polygon 44P Series

Geometric 44P Pendant Bracket System

PRODUCT DIMENSIONS



Sample Part Number	W	L
PLY44SF34X34LRU56D96DMVWH30KBK-SQ	34 in.	34 in.
PLY44SF58X58LRU112D192DMVWH30KBK-SQ	58 in.	58 in.
PLY44SF82X82LRU168D288DMVWH30KBK-SQ	82 in.	82 in.
PLY44SF108X108LRU224D384DMVWH30KBK-SQ	108 in.	108 in.



90° Bracket

