PRODUCT CODE(S):	
NOTES:	
TYPE:	

Interactive PDF. Click to type.

FLEX Area Lights

Power and 3CCT Selectable | 120-347V

Area lighting has never been easier with all the features you will ever need in one sleek, attractive package.
These rugged die-cast aluminum fixtures are photocell and sensor compatible.
Stocked in bronze, black, and white for quick shipping!

Power Selectable
3 power settings per fixture

3CCT Selectable
3000K / 4000K / 5000K

120-347V Universal Driver
0-10V dimming

Mounting Sold Separately
See page 6 for complete mounting options. Mount required for use

Easy Field-Interchangeable Optics (Sold Separately)

Photocell and Sensor Compatible

Rugged Die Cast Aluminum Housing



100W - 150W Models



240W - 300W Models



450W Model

*White models only available in 150W and 300W

DARKSKY APPROVED
Reduces light pollution
Certified by DarkSky.org

DarkSky approved when set to 3000K and used with optional Fixed Mount. (sold separately)

eco · IK08 · 3G VIBRATION · IP65 · 120-347V · 3CCT · DLC LISTED PREMIUM

LIGHT SPECIFICATIONS AND ELECTRICAL

PRODUCT CODE	WATTS	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	FACTORY SETTINGS	MAX CURRENT
FL05-100W-3P-3CCT-UD-BZ FL05-100W-3P-3CCT-UD-BK	60W	3000K	8825 lm	147 lm/W	120-347V	>80	100W 4000K Type III	1.0A
		4000K	9167 lm	153 lm/W				
		5000K	9216 lm	154 lm/W				
	80W	3000K	11228 lm	140 lm/W				
		4000K	11913 lm	149 lm/W				
		5000K	11748 lm	147 lm/W				
	100W	3000K	13306 lm	133 lm/W				
		4000K	14865 lm	149 lm/W				
		5000K	14483 lm	145 lm/W				
FL05-150W-3P-3CCT-UD-BZ FL05-150W-3P-3CCT-UD-BK FL05-150W-3P-3CCT-UD-WH	100W	3000K	13838 lm	138 lm/W	120-347V	>80	150W 4000K Type III	1.5A
		4000K	14839 lm	148 lm/W				
		5000K	14442 lm	144 lm/W				
	125W	3000K	16230 lm	131 lm/W				
		4000K	17789 lm	142 lm/W				
		5000K	17121 lm	137 lm/W				
	150W	3000K	19056 lm	127 lm/W				
		4000K	20618 lm	137 lm/W				
		5000K	19583 lm	131 lm/W				
FL05-240W-3P-3CCT-UD-BZ FL05-240W-3P-3CCT-UD-BK	180W	3000K	25604 lm	142 lm/W	120-347V	>80	240W 4000K Type III	2.4A
		4000K	27260 lm	151 lm/W				
		5000K	26639 lm	148 lm/W				
	210W	3000K	28410 lm	135 lm/W				
		4000K	30620 lm	146 lm/W				
		5000K	29739 lm	142 lm/W				
	240W	3000K	31092 lm	130 lm/W				
		4000K	34576 lm	144 lm/W				
		5000K	33324 lm	139 lm/W				
FL05-300W-3P-3CCT-UD-BZ FL05-300W-3P-3CCT-UD-BK FL05-300W-3P-3CCT-UD-WH	260W	3000K	33987 lm	131 lm/W	120-347V	>80	300W 4000K Type III	3.0A
		4000K	37011 lm	142 lm/W				
		5000K	35511 lm	137 lm/W				
	280W	3000K	36064 lm	129 lm/W				
		4000K	39358 lm	141 lm/W				
		5000K	37538 lm	134 lm/W				
	300W	3000K	38176 lm	127 lm/W				
		4000K	40953 lm	137 lm/W				
		5000K	38923 lm	130 lm/W				

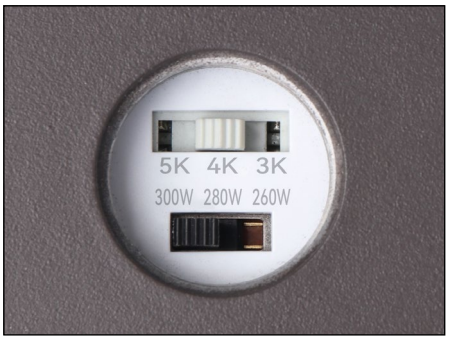
PRODUCT CODE	WATTS	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	FACTORY SETTINGS	MAX CURRENT
FL05-450W-3P-3CCT-UD-BZ	350W	3000K	44114 lm	126 lm/W	120-347V	>80	450W 4000K Type III	4.5A
		4000K	48875 lm	140 lm/W				
		5000K	46041 lm	132 lm/W				
	400W	3000K	49339 lm	123 lm/W				
		4000K	54918 lm	137 lm/W				
		5000K	53133 lm	133 lm/W				
	450W	3000K	54397 lm	121 lm/W				
		4000K	61020 lm	136 lm/W				
		5000K	58580 lm	130 lm/W				

DLC INFORMATION

Where XX represents finish colour (Bronze, Black or White)

PRODUCT CODE	PRIMARY USE	DLC ID	CLASSIFICATION
FL05-100W-3P-3CCT-UD-XX	Architectural Flood and Spot Luminaires	S-1MIKA7	Premium
	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	S-2YSG04	Premium
FL05-150W-3P-3CCT-UD-XX	Architectural Flood and Spot Luminaires	S-B0RLKJ	Premium
	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	S-RX7ZKG	Premium
FL05-240W-3P-3CCT-UD-XX	Architectural Flood and Spot Luminaires	S-WABIQ0	Premium
	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	S-RZOPS4	Premium
FL05-300W-3P-3CCT-UD-XX	Architectural Flood and Spot Luminaires	S-8AKUHV	Premium
	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	S-9KMRT8	Premium
FL05-450W-3P-3CCT-UD-BZ	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	S-D6B0F9	Premium

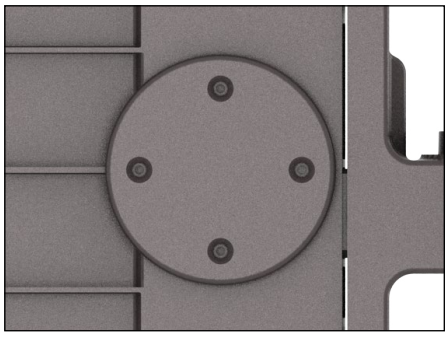
SELECTION SWITCHES AND PHOTOCELL OPTIONS



Power, CCT, and Photocell Selector Switches



Twist-In Motion Sensor Location



Blanking Plate for Photocell Installation

SPECIFICATIONS & ELECTRICAL

Surge Protection (100W-300W models)	10kV
Surge Protection (450W model)	6kV
Auxiliary Output	12V
Power Factor	≥0.9
THD	≤20%
Operating Temp	-40°C to 50°C
Operating Temp with Sensor	-30°C to 50°C
Distribution	Type III
Dimmable	0-10V
L70 Life	50,000 hrs
Warranty	10-year

APPROVALS & RATINGS

cUL	E482965
IP Rating	IP65
DarkSky	When set to 3000K and used with Fixed Mount (sold separately)
Vibration Rating	3G (ANSI C136.31)

CONSTRUCTION

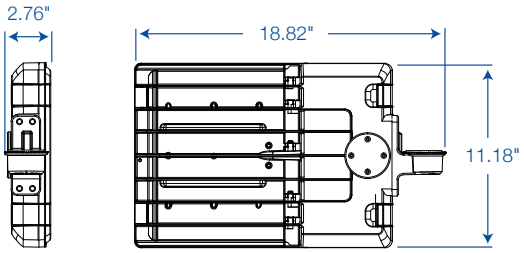
Housing	Die-Cast Aluminum
Lens	Polycarbonate
Finish	Powder Coated
Finish Colour	Bronze / Black / White
Cord Length	78"

MEASUREMENTS (IN) & WEIGHTS (LBS)

Where XX represents finish colour (Bronze, Black or White)

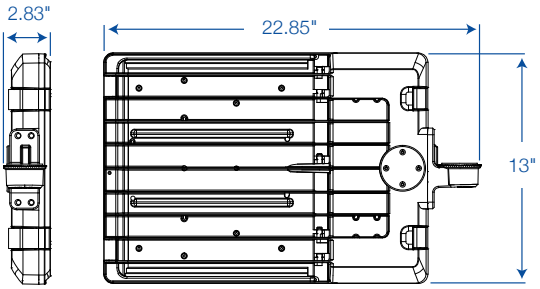
FL05-100W-3P-3CCT-UD-XX
FL05-150W-3P-3CCT-UD-XX

Product Meas.	18.82" x 11.18" x 2.76"
Fixture Weight	10.12 lbs
Carton Qty	1
Carton G.W.	11.88 lbs
Carton Meas.	20.47" x 13.15" x 4.84"



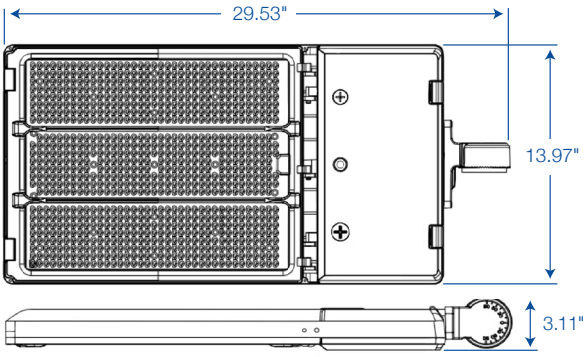
FL05-240W-3P-3CCT-UD-XX
FL05-300W-3P-3CCT-UD-XX

Product Meas.	22.85" x 13" x 2.83"
Fixture Weight	13.42 lbs
Carton Qty	1
Carton G.W.	15.62 lbs
Carton Meas.	24.8" x 15.94" x 4.84"



FL05-450W-3P-3CCT-UD-XX

Product Meas.	29.53" x 13.97" x 3.11"
Fixture Weight	16.5 lbs
Carton Qty	1
Carton G.W.	19.14 lbs
Carton Meas.	31.06" x 15.04" x 4.13"



ACCESSORIES (Sold Separately)

PRODUCT NUMBER	FINISH COLOUR	PRODUCT NAME	SHADED CELLS INDICATE COMPATIBILITY				
			100W	150W	240W	300W	450W
FL-SF01-XX†**	BZ / BK / WH	Slip Fitter	■	■	■	■	
FL-SF01-XL-BZ**	Bronze	Slip Fitter, Extra Large					■
FL-PM01-XX†*	BZ / BK / WH	Pole Mount	■	■	■	■	
FL-PM01-XL-BZ*	Bronze	Pole Mount, Extra Large					■
FL-TR01-XX†**	BZ / BK / WH	Trunnion Mount	■	■	■	■	
FL-TR01-XL-BZ**	Bronze	Trunnion Mount, Extra Large					■
FL-MM01-XX†**	BZ / BK / WH	Multi Mount	■	■	■	■	
FL-MM01-XL-BZ**	Bronze	Multi Mount, Extra Large					■
FL-FM01-XX†	BZ / BK / WH	Fixed Mount	■	■	■	■	■
FL-YM01-SM-XX†	BZ / BK / WH	Yoke Mount, Small	■	■			
FL-YM01-LG-XX†	BZ / BK / WH	Yoke Mount, Large			■	■	
FL-YM01-XL-BZ	Bronze	Yoke Mount, Extra Large					■
FL-VISOR01-SM-XX†	BZ / BK / WH	Visor, Small	■	■			
FL-VISOR01-LG-XX†	BZ / BK / WH	Visor, Large			■	■	
FL-VISOR01-XL-BZ	Bronze	Visor, Extra Large					■
FL-TYPE-II-SM	N/A	Type II Optics, Small	■	■			
FL-TYPE-II-LG	N/A	Type II Optics, Large			■	■	
FL-TYPE-II-XL	N/A	Type II Optics, Extra Large					■
FL-TYPE-IV-SM	N/A	Type IV Optics, Small	■	■			
FL-TYPE-IV-LG	N/A	Type IV Optics, Large			■	■	
FL-TYPE-IV-XL	N/A	Type IV Optics, Extra Large					■
FL-TYPE-V-SM	N/A	Type V Optics, Small	■	■			
FL-TYPE-V-LG	N/A	Type V Optics, Large			■	■	
FL-TYPE-V-XL	N/A	Type V Optics, Extra Large					■
MS-KN01-XX†	BZ / BK / WH	Motion Sensor Knuckle Mount	■	■	■	■	■
MS01-PIR-TW-DC	N/A	Infrared Motion Sensor	■	■	■	■	■
MS04-MW-TW-DC	N/A	Microwave Motion Sensor	■	■	■	■	■
MS04-RC	N/A	Remote **REQUIRED** for MS04-MW-TW-DC and MS01-PIR-TW-DC	■	■	■	■	■
JL-200	N/A	Photocell Receptacle (**REQUIRED** for use with Photocell)	■	■	■	■	■
JL-205LV	N/A	Photocell (120-277V)	■	■	■	■	■
JL-207E	N/A	Photocell (347V)	■	■	■	■	■
JL-208	N/A	Shorting Cap	■	■	■	■	■
EW-M20-3P	N/A	Inline Connector	■	■	■	■	■

† Where XX represents finish colour (Bronze, Black or White)
* Angles for this mount can be set between 0° and 35° down.
** Angles for this mount can be set between 0° and 90° up and down.

MOUNTING (SOLD SEPARATELY & REQUIRED)

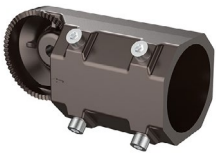
Mounts are available in Bronze, Black, and White. Full part numbers are listed in the table on page 5.



Trunnion Mount



Fixed Mount



Slip Fitter



Pole Mount



Multi Mount



Yoke Mount



FL05 Flood Light pictured **without mount**



FL05 Flood Light pictured with optional **Trunnion Mount**

BULLHORNS & TENON ADAPTORS (Sold Separately)

For more information on Pole Accessories, see series product sheet

- Slip Fitter is sold separately and is required for use
- Available in Bronze and Black



Inline 2-head



Inline 3-head



Round
3", 4", or 5" to 2 3/8"



Square
4" or 5" to 2 3/8"

INTERCHANGEABLE OPTICS (Sold Separately)

Easy field interchangeable optics



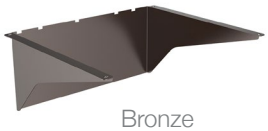
FL05 FLEX Area Light shown with the hinged optic plate open

VISORS (Sold Separately)

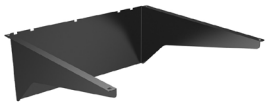
Full part numbers are listed in the table on page 5







Bronze



Black



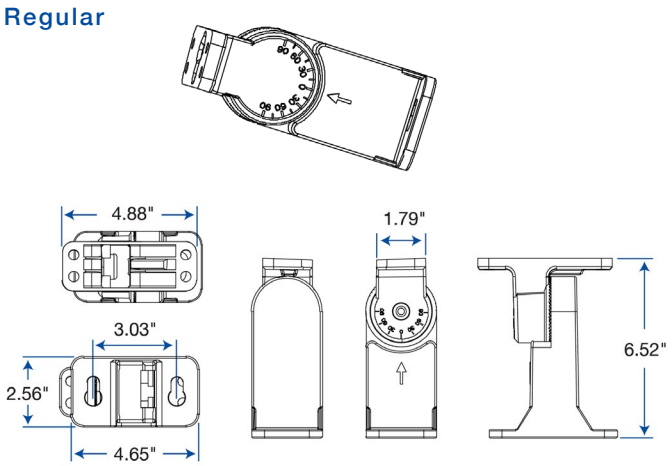
White

- Can be installed on front or back of fixture
- Available in small, large, and extra large

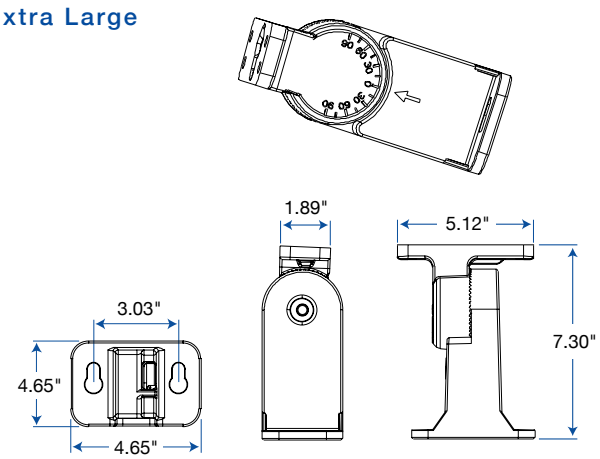
MOUNT DIMENSIONAL DRAWINGS

TRUNNION MOUNT

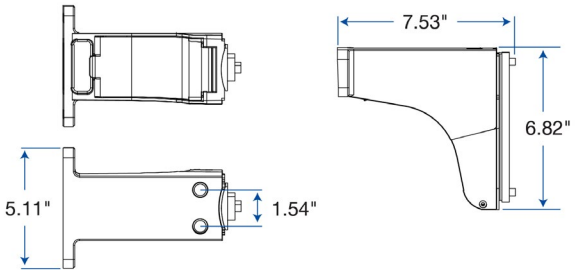
Regular

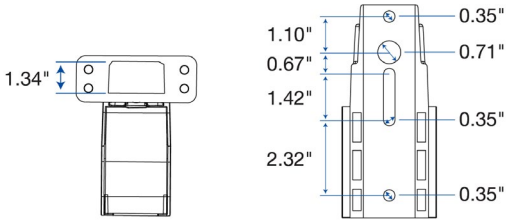


Extra Large



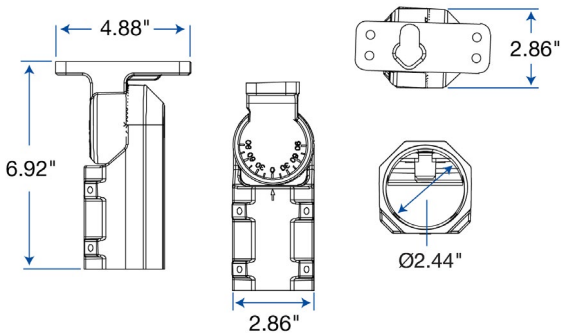
FIXED MOUNT



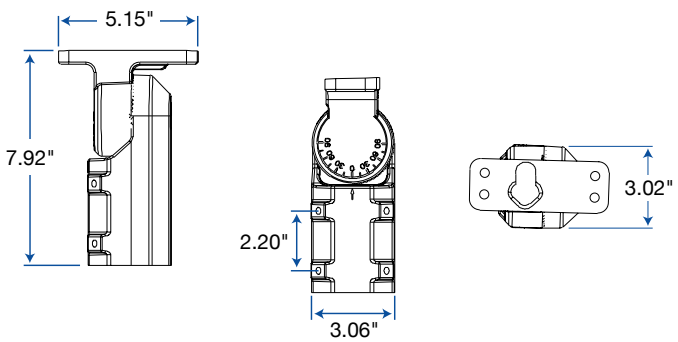


SLIP FITTER

Regular

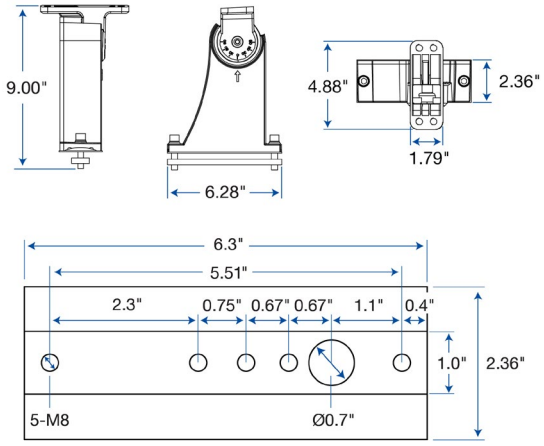


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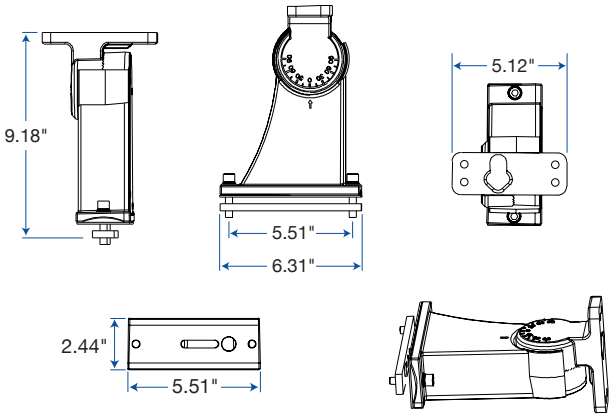


POLE MOUNT

Regular

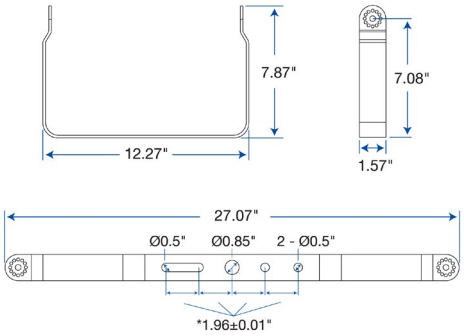


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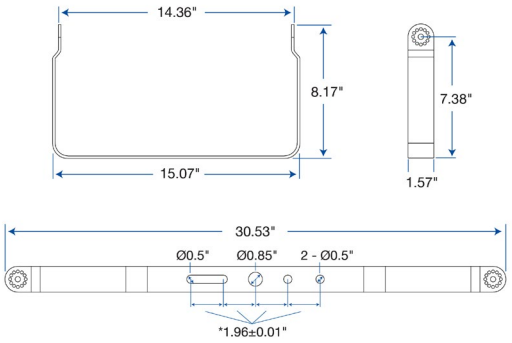


YOKE MOUNT

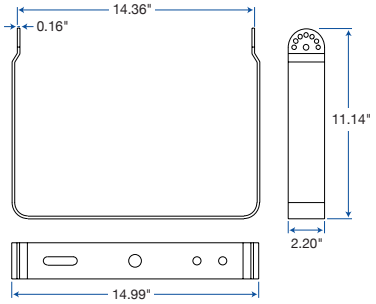
Small



Large

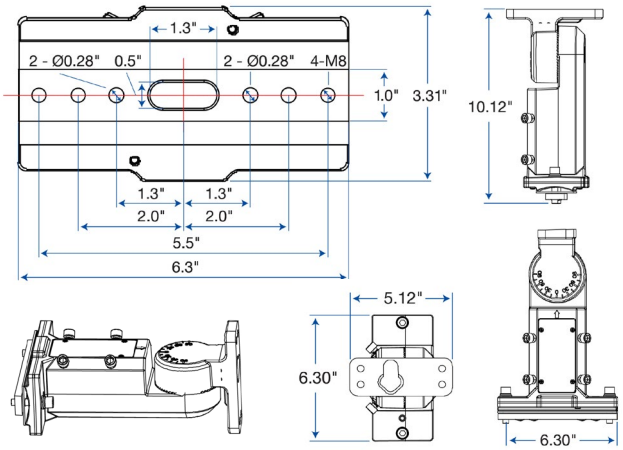


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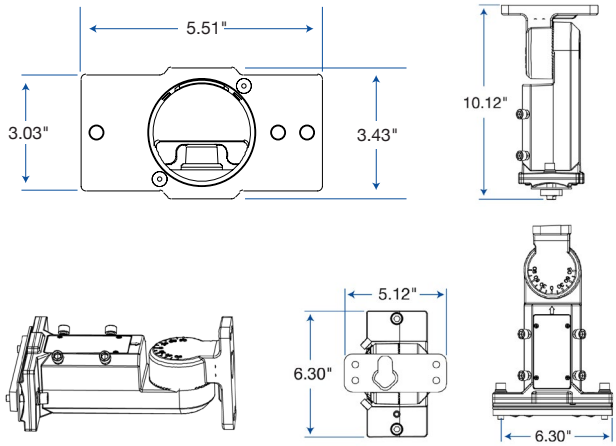


MULTI MOUNT

Regular



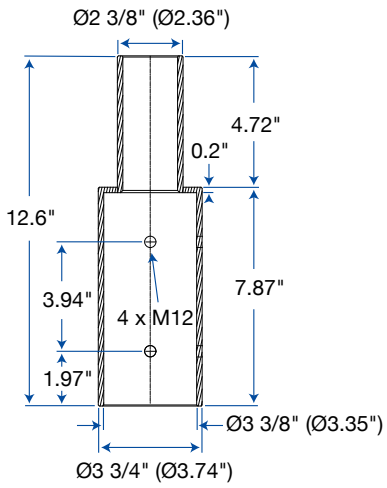
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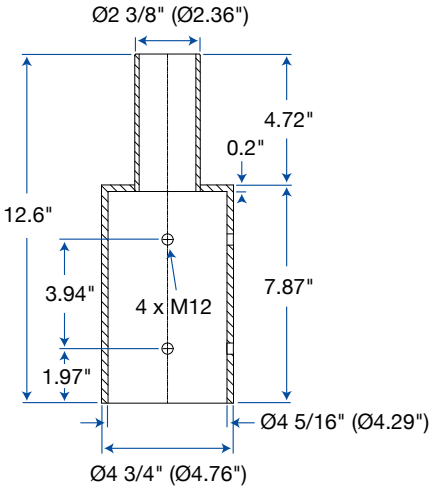
TENON ADAPTORS DIMENSIONAL DRAWINGS

Where XX denotes finish colour

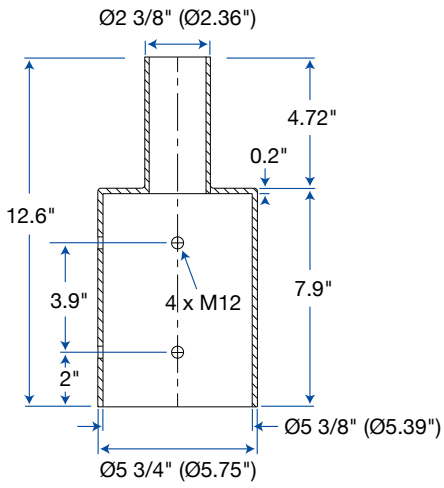
PA-TA-R3-XX



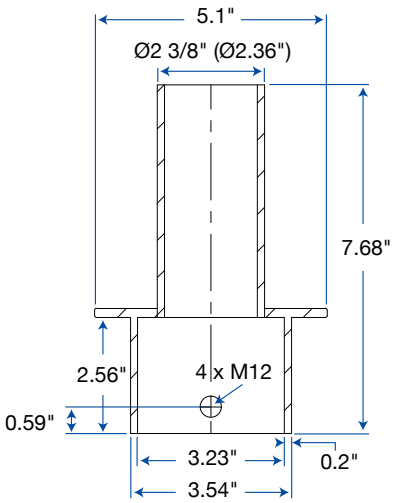
PA-TA-R4-XX



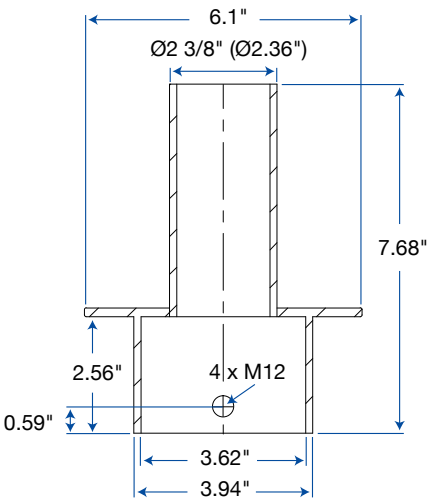
PA-TA-R5-XX



PA-TA-S4-XX



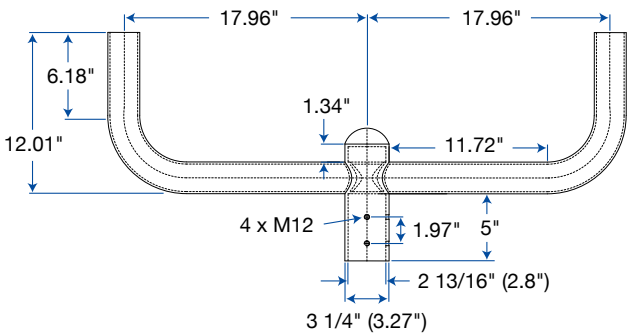
PA-TA-S5-XX



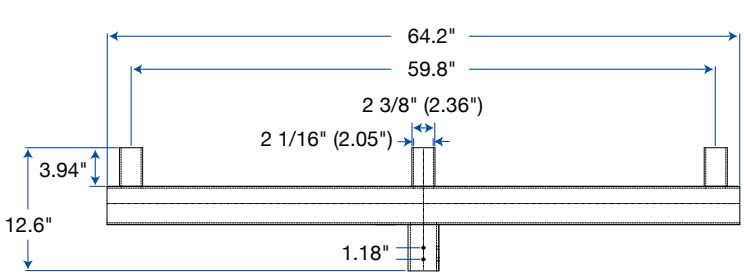
BULLHORNS DIMENSIONAL DRAWINGS

Where XX denotes finish colour

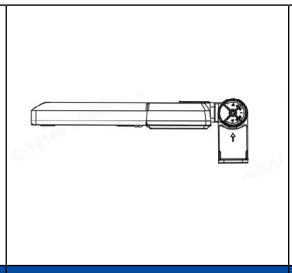
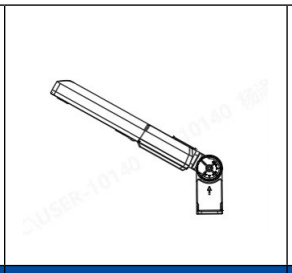
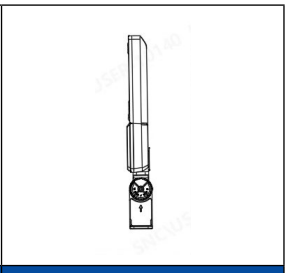
PA-BH-I2-XX

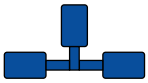
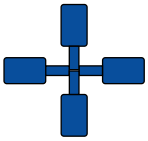


PA-BH-I3-XX



EPA VALUES

				
Installation Type	Installation Angle **0°**	Installation Angle **30°**	Installation Angle **60°**	Installation Angle **90°**
100W-150W	0.32 ft²	0.69 ft²	1.13 ft²	1.13 ft²
240W-300W	0.38 ft²	1.03 ft²	1.73 ft²	1.73 ft²
450W	0.4 ft²	1.36 ft²	2.26 ft²	2.26 ft²

Pattern (Installation Angle = 0°)					
EPA for FL05 (100W-150W)	0.275 ft²	0.550 ft²	0.829 ft²	1.104 ft²	1.104 ft²
EPA for FL05 (240W-300W)	0.344 ft²	0.688 ft²	0.997 ft²	1.341 ft²	1.341 ft²
EPA for FL05 (450W)	0.362 ft²	0.724 ft²	1.233 ft²	1.595 ft²	1.595 ft²

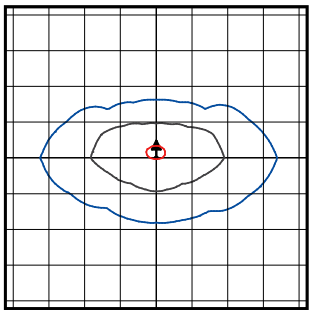
LIGHT DISTRIBUTION CHARTS

Where XX represents all finish colours (Bronze, Black, and White)

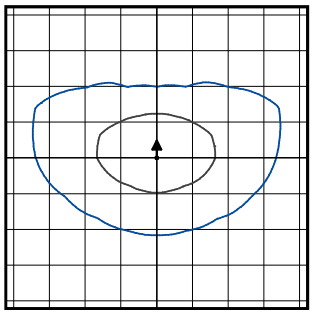
0.1 fc 1 fc 10 fc

20' MH. Grid spaces 20' x 20'

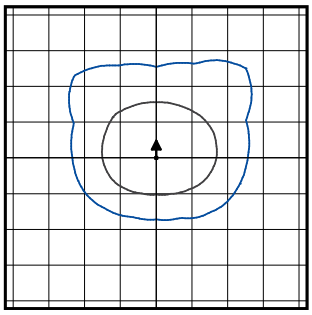
FL05-100W-3P-3CCT-UD-XX



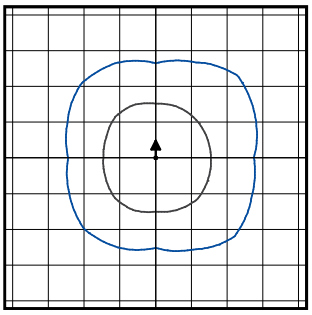
Type II
FL-TYPE-II-SM



Type III
Standard

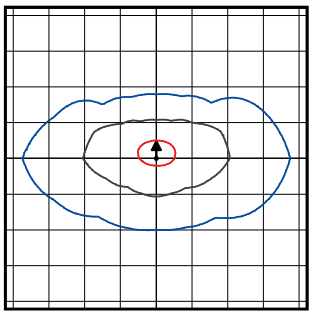


Type IV
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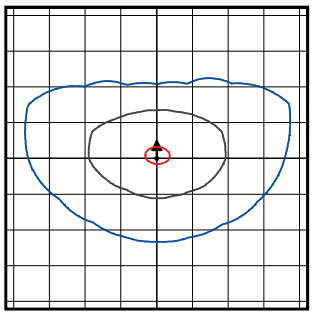


Type V
FL-TYPE-V-SM

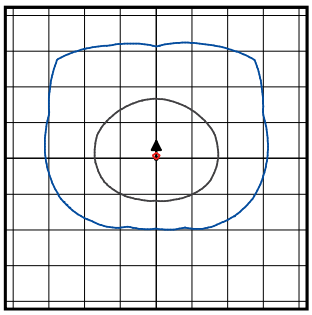
FL05-150W-3P-3CCT-UD-XX



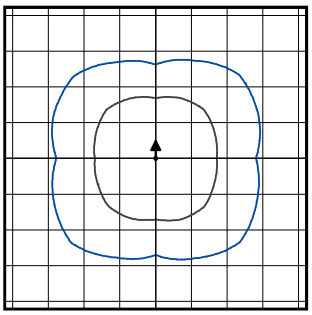
Type II
FL-TYPE-II-SM



Type III
Standard



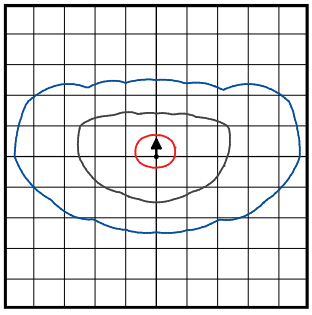
Type IV
FL-TYPE-IV-SM



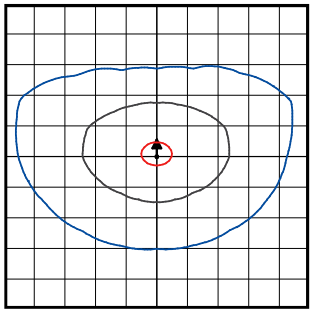
Type V
FL-TYPE-V-SM

25' MH. Grid spaces 25' x 25'

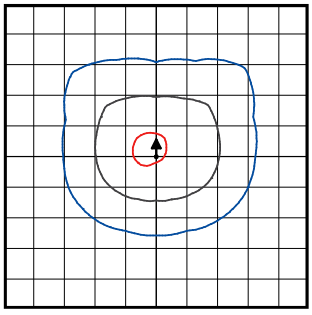
FL05-240W-3P-3CCT-UD-XX



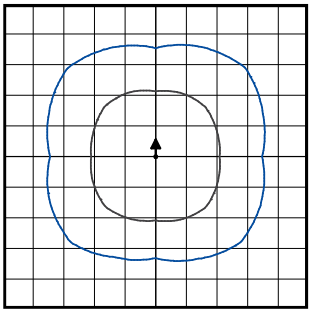
Type II
FL-TYPE-II-LG



Type III
Standard



Type IV
FL-TYPE-IV-LG



Type V
FL-TYPE-V-LG

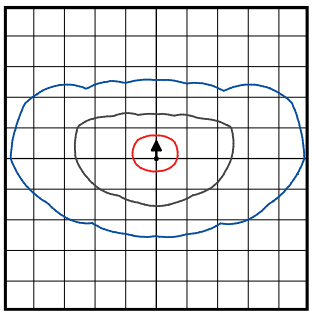
LIGHT DISTRIBUTION CHARTS

Where XX represents all finish colours (Bronze, Black, and White)

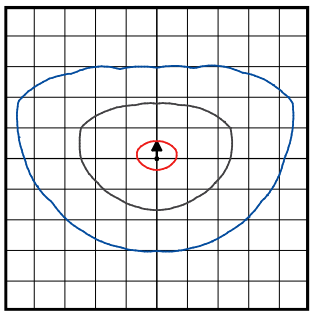
0.1 fc 1 fc 10 fc

25' MH. Grid spaces 25' x 25'

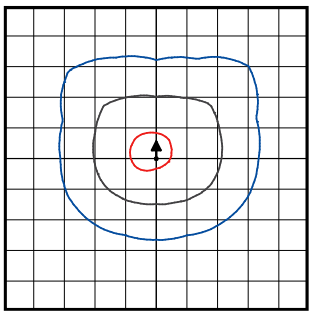
FL05-300W-3P-3CCT-UD-XX



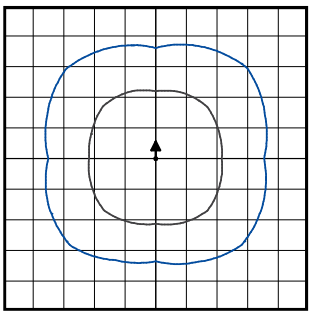
Type II
FL-TYPE-II-LG



Type III
Standard



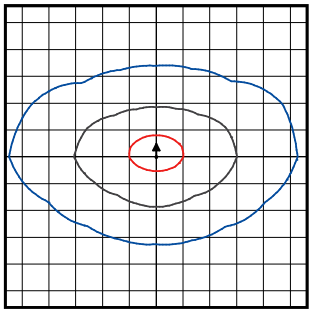
Type IV
FL-TYPE-IV-LG



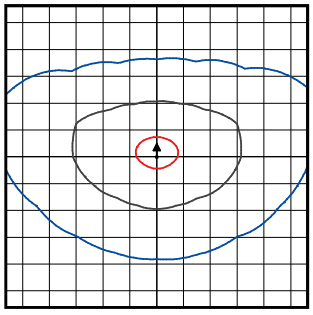
Type V
FL-TYPE-V-LG

30' MH. Grid spaces 30' x 30'

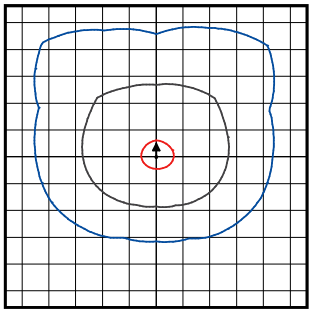
FL05-450W-3P-3CCT-UD-XX



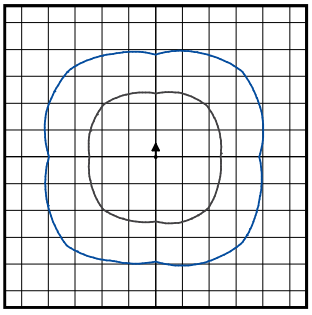
Type II
FL-TYPE-II-XL



Type III
Standard



Type IV
FL-TYPE-IV-XL



Type V
FL-TYPE-V-XL