



# Linear Architectural FLEXILINE



The ultimate solution for highly versatile and adaptable lighting for indoor spaces. FLEXILINE offers unparalleled flexibility by enabling the user to effortlessly switch between direct/indirect light, different CCTs, and lumens. FLEXILINE offers multiple mounting options and unique shape configurations allowing for precise illumination tailored to any environment. Elevate your architectural designs with FLEXILINE and illuminate your vision with endless possibilities.

## IDEAL APPLICATIONS

- ✓ Offices
- ✓ Boardrooms
- ✓ Hallways
- ✓ Receptions
- ✓ Condos

## SPECIFICATIONS

	FLEX24- LED20A12	FLEX48- LED40A24	FLEX72- LED60A36	FLEX96- LED80A48
PERFORMANCE				
Light Output	Up to 1300lm/ft			
	2700/1900/ 1600 lm	5200/4200/ 3400 lm	8100/5900/ 4600 lm	10400/7900/ 6100 lm
	Lumen Selectable			
Efficacy	136 lm/W			
CCT	CCT Selectable - 3000K/3500K/ 4000K			
Up%-Down% Selection	0%-100%, 15%-85%, 30%-70%			
Beam Distribution	120°			
LED Lifetime (L80)	>100,000 Hrs			
CRI	85			
ELECTRICAL				
Wattage	20/15/12W	40/30/24W	60/45/36W	80/60/48W
Voltage	120-347V			
Surge Protection	2kV as per IEC/EN61000-4-5			
THD	<10%			
Power Factor	>0.99			
Cord	Pre-installed 6' Power Cable (5x18 AWG)			
Daisy Chain¹	4A Max (Max. length of 40ft at 120V & 100ft at 347V)			

	FLEX24-LED20A12	FLEX48-LED40A24	FLEX72-LED60A36	FLEX96-LED80A48
CONSTRUCTION				
Housing	Extruded Aluminum			
Lens	Frosted Polycarbonate Lens			
Weight	3.0lbs	4.5lbs	6.2lbs	8.2lbs
AMBIENT OPERATING TEMPERATURE				
-20°C to 45°C (-4°F to 113°F)				
MOUNTING				
Suspension Mount - 6' power cable & air craft cable (Standard)				
Suspension Mount for T-grid, Surface mount, Wall mount				
CERTIFICATIONS				
cULus Listed for Canada and USA, per UL 1598, CSA C22.2 No. 250.0, DLC Standard & Premium				
CONTROLS				
0-10V Dimming (Dim to Off)				

**Note:** - All reported values were tested at 120V and 3500K and shown for the highest lumen setting.

**Default Setting:** Highest wattage/ 4000K/ 100% Downlight

<sup>1</sup> Connectors do not draw additional power, as they share the power supply with the fixture.

## CREATE CONFIGURATIONS WITH EASE




Create any configuration of your choice with six different illuminated corner connector shapes.



## ORDERING GUIDE

		H	VK		DIM		
Fixture	Wattage	Voltage	Colour Temp.	Finish	Dimming	Mounting	
FLEX24	LED20A12	H - 120-347V	VK - CCT Selectable 3000K/3500K/ 4000K	WHT - White	DIM - 0-10V Dimming	BLANK - Suspension Mount	
FLEX48	LED40A24			BLK - Black			
FLEX72	LED60A36			BLK - Black		WM - Wall Mount	
FLEX96	LED80A48						

STOCK CODES		INCLUDED IN THE BOX	
<b>083733</b>	FLEX24-LED20A12-H-VK-WHT-DIM	6FT AIR CRAFT CABLES & SUSPENSION MOUNT HARDWARE	
<b>083726</b>	FLEX48-LED40A24-H-VK-WHT-DIM		
<b>083727</b>	FLEX72-LED60A36-H-VK-WHT-DIM		
<b>083728</b>	FLEX96-LED80A48-H-VK-WHT-DIM		
<b>083729</b>	FLEX24-LED20A12-H-VK-BLK-DIM		
<b>083730</b>	FLEX48-LED40A24-H-VK-BLK-DIM		
<b>083731</b>	FLEX72-LED60A36-H-VK-BLK-DIM		
<b>083732</b>	FLEX96-LED80A48-H-VK-BLK-DIM		

ACCESSORIES SOLD SEPARATELY					
<b>083734</b>	VK 90 DEGREE L CONNECTOR WHT		<b>083737</b>	VK 90 DEGREE T CONNECTOR WHT	
<b>083864</b>	VK 90 DEGREE L CONNECTOR BLK		<b>083982</b>	VK 90 DEGREE T CONNECTOR BLK	
<b>083735</b>	VK 60 DEGREE L CONNECTOR WHT		<b>083738</b>	VK 90 DEGREE X CONNECTOR WHT	
<b>083985</b>	VK 60 DEGREE L CONNECTOR BLK		<b>083983</b>	VK 90 DEGREE X CONNECTOR BLK	
<b>083736</b>	VK 120 DEGREE L CONNECTOR WHT		<b>083739</b>	VK 120 DEGREE Y CONNECTOR WHT	
<b>083987</b>	VK 120 DEGREE L CONNECTOR BLK		<b>083986</b>	VK 120 DEGREE Y CONNECTOR BLK	
<b>083741</b>	VK 1FT STRAIGHT CONNECTOR WHT		<b>083743</b>	CANOPY MOUNTING DISCS & CROSSBAR KIT WHT	
<b>083988</b>	VK 1FT STRAIGHT CONNECTOR BLK		<b>083882</b>	CANOPY MOUNTING DISCS & CROSSBAR KIT BLK	
<b>083744</b>	SURFACE MOUNT KIT WHT		<b>083745</b>	JUNCTION BOX COVER WHT	
<b>083883</b>	SURFACE MOUNT KIT BLK		<b>083865</b>	JUNCTION BOX COVER BLK	
<b>083742</b>	STRAIGHT FIXTURE CONNECTOR BRACKET <i>(Required for row-mounting fixtures)</i>		<b>084637</b>	40FT SEAMLESS CONTINUOUS LENS ROLL	
<b>083746</b>	T-GRID MOUNTING BRACKET		<b>084638</b>	100FT SEAMLESS CONTINUOUS LENS ROLL	

**Note:**

- Please reach out to our Customer Success team for any inquiries about components needed to create your configurations.
- The 1ft straight connector can be used in between two fixtures to create custom lengths.
- Connectors have down LED boards only but can be used for both downlight and up-and-downlight configurations.

**MAX AMPERAGE DRAW (A)**

	120V	240V	277V	347V
FLEX24-LED20A12	0.183	0.092	0.079	0.063
FLEX48-LED40A24	0.367	0.183	0.159	0.127
FLEX72-LED60A36	0.550	0.275	0.238	0.190
FLEX96-LED80A48	0.733	0.367	0.318	0.254

**LUMEN MAINTENANCE**

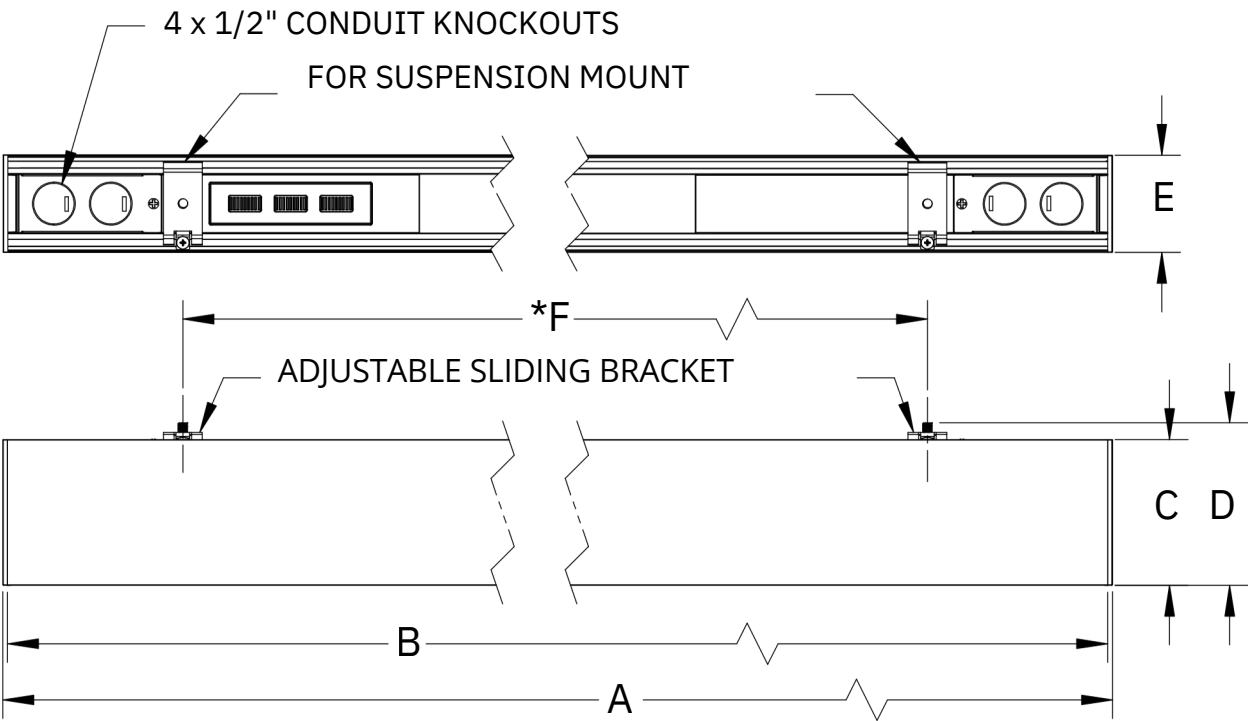
L90	L80	L70
58,000 Hrs	110,000 Hrs	130,000 Hrs

**Note:** Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

**UPLIGHT - DOWNLIGHT LUMENS**

Model	Wattage (W)	0% Uplight - 100% Downlight		15% Uplight - 85% Downlight		30% Uplight - 70% Downlight	
		Uplight (lm)	Downlight (lm)	Uplight (lm)	Downlight (lm)	Uplight (lm)	Downlight (lm)
FLEX24-LED20A12	20	0	2700	400	2300	800	1900
	15	0	1900	300	1600	600	1300
	12	0	1600	200	1400	500	1100
FLEX48-LED40A24	40	0	5200	800	4400	1600	3600
	30	0	4200	600	3600	1300	2900
	24	0	3400	500	2900	1000	2400
FLEX72-LED60A36	60	0	8100	1200	6900	2400	5700
	45	0	5900	900	5000	1800	4100
	36	0	4600	700	3900	1400	3200
FLEX96-LED80A48	80	0	10400	1600	8800	3100	7300
	60	0	7900	1200	6700	2400	5500
	48	0	6100	900	5200	1800	4300

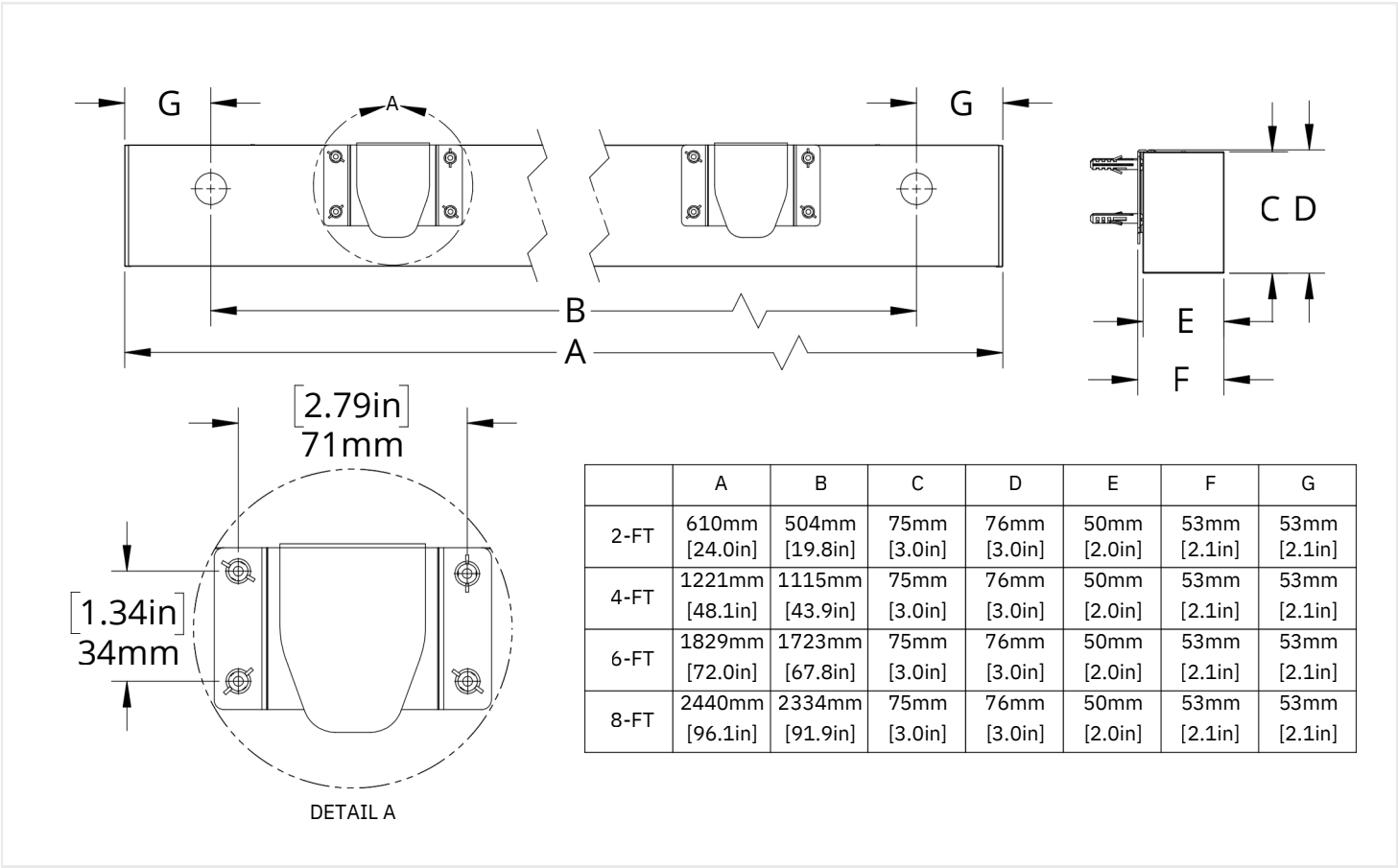
**DIMENSIONS**



	A	B	C	D	E	*F
2-FT	610mm [24.0in]	604mm [23.8in]	75mm [3.0in]	84mm [3.3in]	50mm [2.0in]	459mm [18.1in]
4-FT	1221mm [48.1in]	1215mm [47.9in]	75mm [3.0in]	84mm [3.3in]	50mm [2.0in]	1037mm [40.8in]
6-FT	1829mm [72.0in]	1823mm [71.8in]	75mm [3.0in]	84mm [3.3in]	50mm [2.0in]	1678mm [66.1in]
8-FT	2440mm [96.1in]	2434mm [95.8in]	75mm [3.0in]	84mm [3.3in]	50mm [2.0in]	2253mm [88.7in]

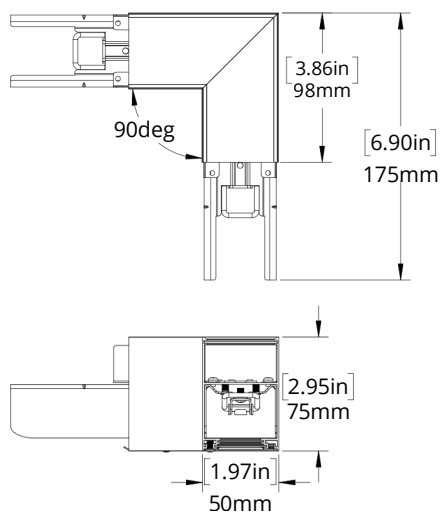
\*DEFAULT DIMENSIONS - CAN BE ADJUSTED

FLEX-LED WALL-MOUNTED

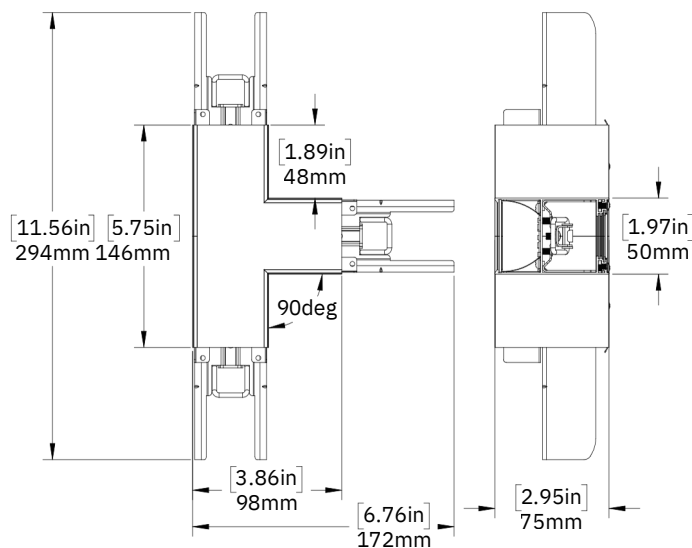


## ACCESSORIES DIMENSIONS

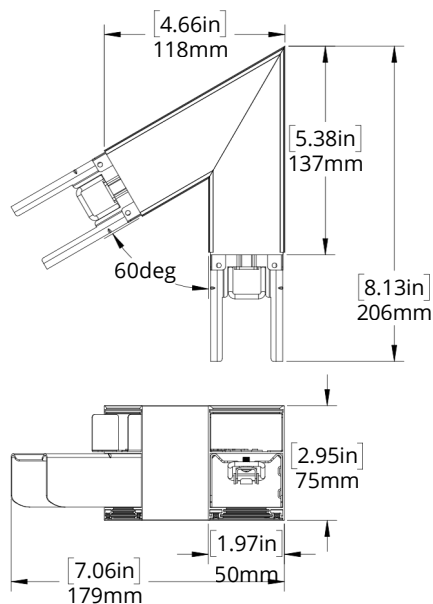
### 90 DEGREE L CONNECTOR



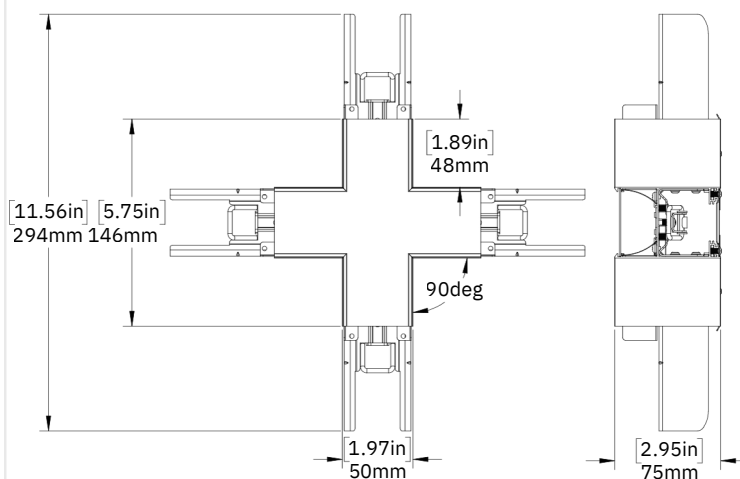
### 90 DEGREE T CONNECTOR



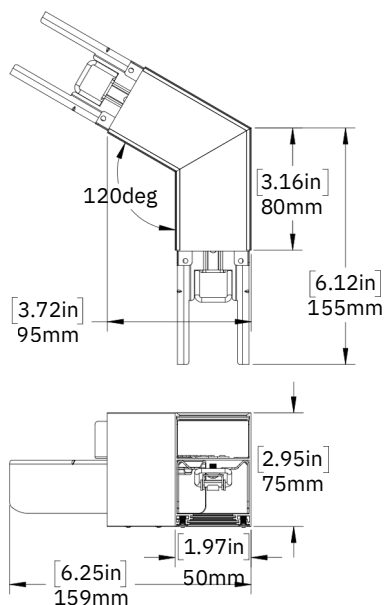
### 60 DEGREE L CONNECTOR



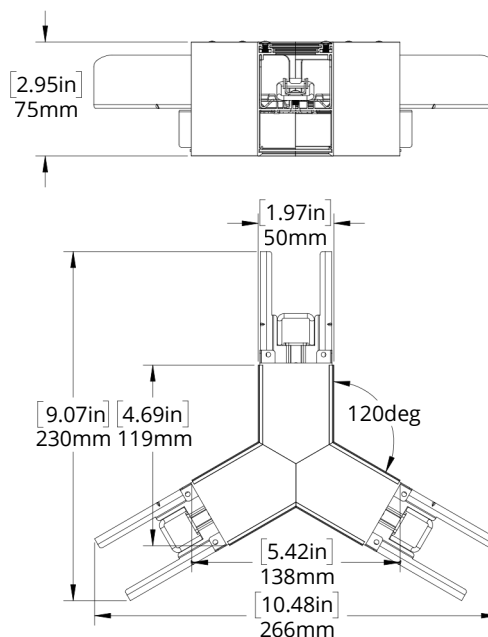
### 90 DEGREE X CONNECTOR



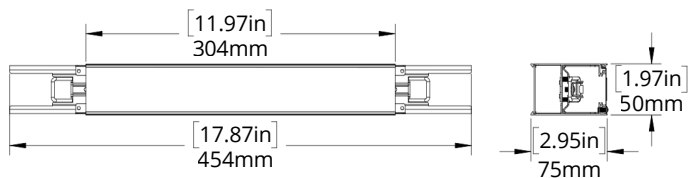
### 120 DEGREE L CONNECTOR



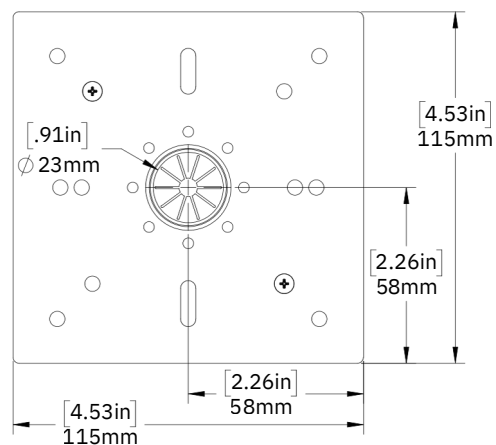
### 120 DEGREE Y CONNECTOR



### 1FT STRAIGHT CONNECTOR



### JUNCTION BOX COVER

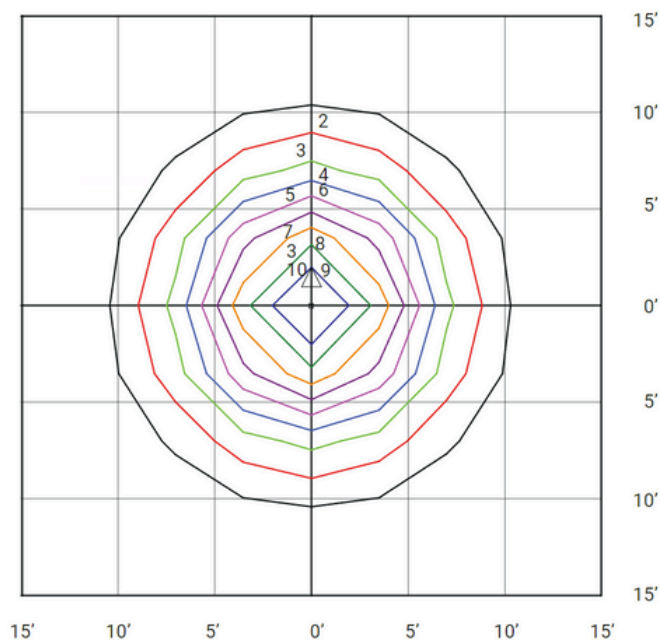


## PHOTOMETRIC PLOTS

### FLEX24-LED20A12

(4000K, 20W, DOWNLIGHT ONLY, MOUNTED AT 9 FEET)

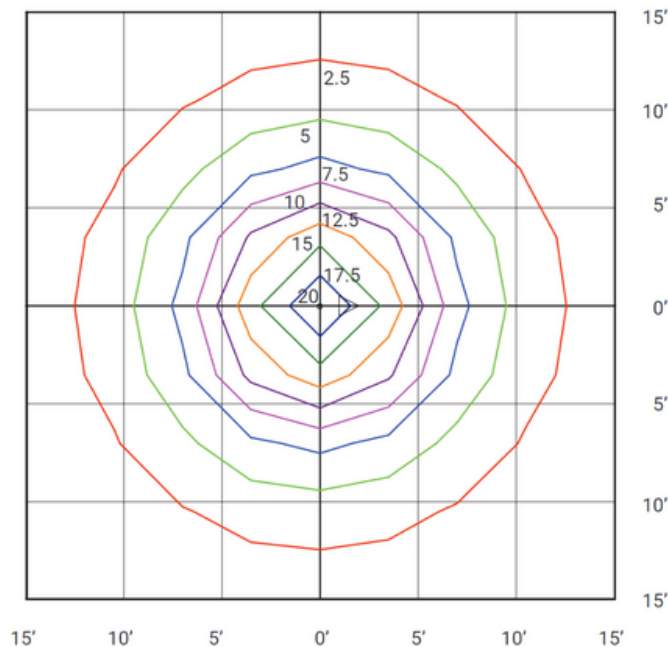
LUMENS: 2642 LM    MAX CALCULATED VALUE: 11.73 FC



### FLEX48-LED40A24

(4000K, 40W, DOWNLIGHT ONLY, MOUNTED AT 9 FEET)

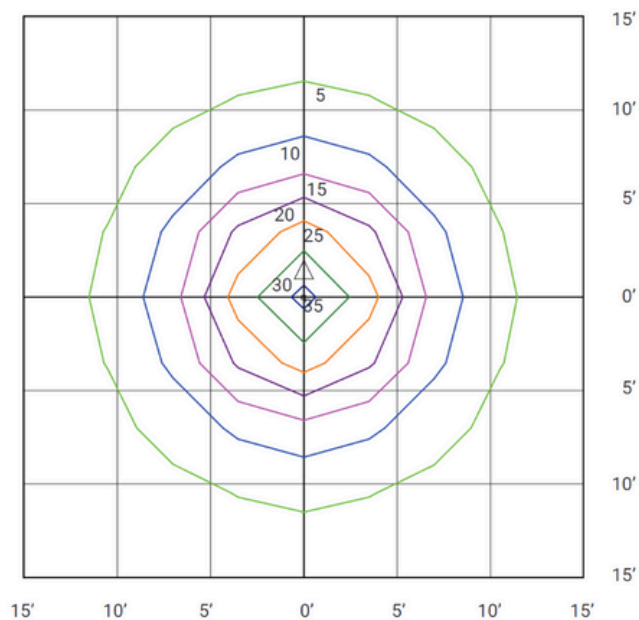
LUMENS: 5116 LM    MAX CALCULATED VALUE: 22.62 FC



### FLEX72-LED60A36

(4000K, 60W, DOWNLIGHT ONLY, MOUNTED AT 9 FEET)

LUMENS: 8187 LM    MAX CALCULATED VALUE: 36.77 FC



### FLEX96-LED80A48

(4000K, 80W, DOWNLIGHT ONLY, MOUNTED AT 9 FEET)

LUMENS: 10264 LM    MAX CALCULATED VALUE: 45.39 FC

