



FLEXILINE

Linear Architectural



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	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	120-277V			
Surge Protection	2kV as per IEC/EN61000-4-5			
THD	<10%			
Power Factor	>0.99			
Cord	Pre-installed 6' Power Cable (5x18 AWG)			
Daisy Chain*	4A Max (Max. length of 40ft at 120V & 84ft at 277V)			

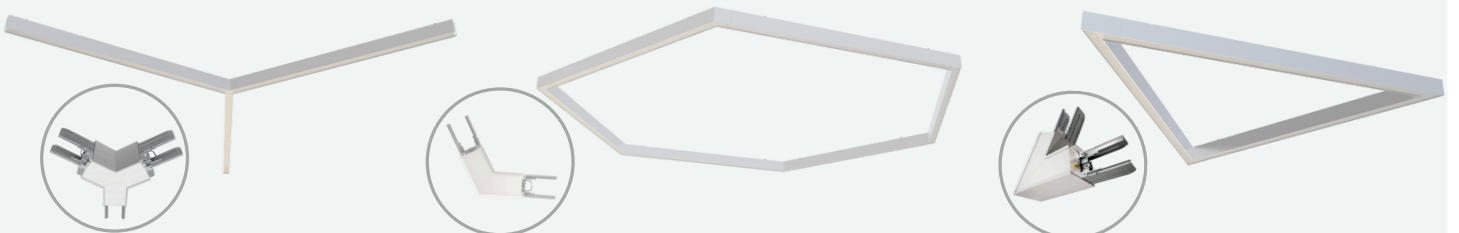
	FLEX24-LED20A12	FLEX48-LED40A24	FLEX72-LED60A36	FLEX96-LED80A48
CONSTRUCTION				
Housing	Extruded Aluminum			
Lens	Frosted Polycarbonate Lens			
Weight	3.0lbs	4.5lbs	6.2lbs	8.2lbs
AMBIENT OPERATING TEMPERATURE				
-20°C to 45°C (-4°F to 113°F)				
MOUNTING				
Suspension Mount - 6' power cable & air 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

* 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

Fixture	Wattage	Voltage	Color Temp.	Finish	Dimming	Mounting
FLEX24	LED20A12	B - 120-277V	VK - CCT Selectable 3000K/3500K/ 4000K	WHT - White	DIM - 0-10V Dimming	BLANK - Suspension Mount
FLEX48	LED40A24			BLK - Black		
FLEX72	LED60A36					WM - Wall Mount
FLEX96	LED80A48					

STOCK CODES	
053134	FLEX24-LED20A12-B-VK-WHT-DIM
053143	FLEX48-LED40A24-B-VK-WHT-DIM
053157	FLEX72-LED60A36-B-VK-WHT-DIM
053164	FLEX96-LED80A48-B-VK-WHT-DIM
053165	FLEX24-LED20A12-B-VK-BLK-DIM
053166	FLEX48-LED40A24-B-VK-BLK-DIM
053167	FLEX72-LED60A36-B-VK-BLK-DIM
053168	FLEX96-LED80A48-B-VK-BLK-DIM

INCLUDED IN THE BOX	
6FT AIR CRAFT CABLES & SUSPENSION MOUNT HARDWARE	

ACCESSORIES SOLD SEPARATELY					
053139	VK 90 DEGREE L CONNECTOR WHT		053146	VK 90 DEGREE T CONNECTOR WHT	
053141	VK 90 DEGREE L CONNECTOR BLK		053151	VK 90 DEGREE T CONNECTOR BLK	
053142	VK 60 DEGREE L CONNECTOR WHT		053147	VK 90 DEGREE X CONNECTOR WHT	
053144	VK 60 DEGREE L CONNECTOR BLK		053152	VK 90 DEGREE X CONNECTOR BLK	
053145	VK 120 DEGREE L CONNECTOR WHT		053148	VK 120 DEGREE Y CONNECTOR WHT	
053154	VK 120 DEGREE L CONNECTOR BLK		053153	VK 120 DEGREE Y CONNECTOR BLK	
053149	VK 1FT STRAIGHT CONNECTOR WHT		053159	CANOPY MOUNTING DISCS & CROSSBAR KIT WHT	
053155	VK 1FT STRAIGHT CONNECTOR BLK		053160	CANOPY MOUNTING DISCS & CROSSBAR KIT BLK	
053156	SURFACE MOUNT KIT WHT		053161	JUNCTION BOX COVER WHT	
053158	SURFACE MOUNT KIT BLK		053162	JUNCTION BOX COVER BLK	
053150	STRAIGHT FIXTURE CONNECTOR BRACKET <i>(Required for row-mounting fixtures)</i>		053163	T-GRID MOUNTING BRACKET	

- 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.

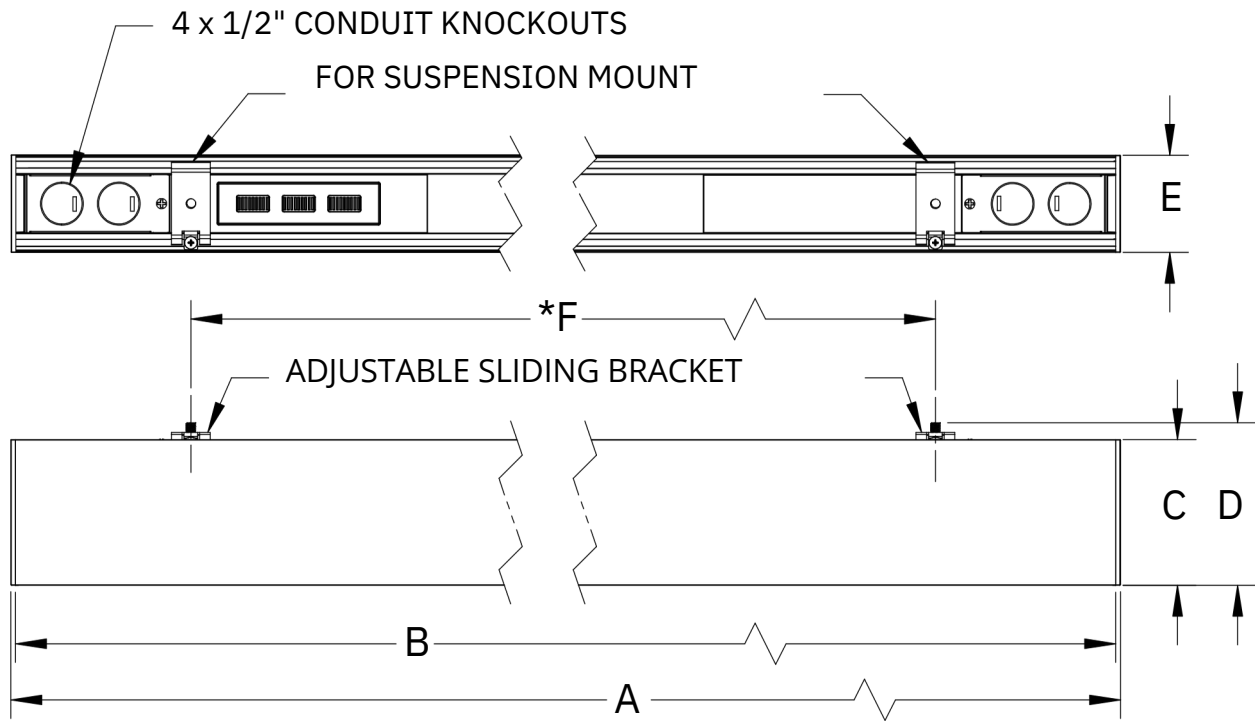
MAX AMPERAGE DRAW (A)			
	120V	240V	277V
FLEX24-LED20A12	0.183	0.092	0.079
FLEX48-LED40A24	0.367	0.183	0.159
FLEX72-LED60A36	0.550	0.275	0.238
FLEX96-LED80A48	0.733	0.367	0.318

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

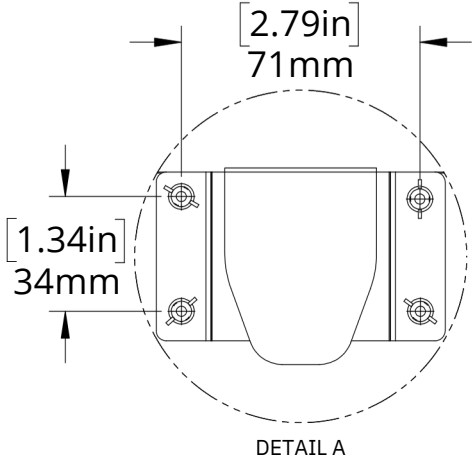
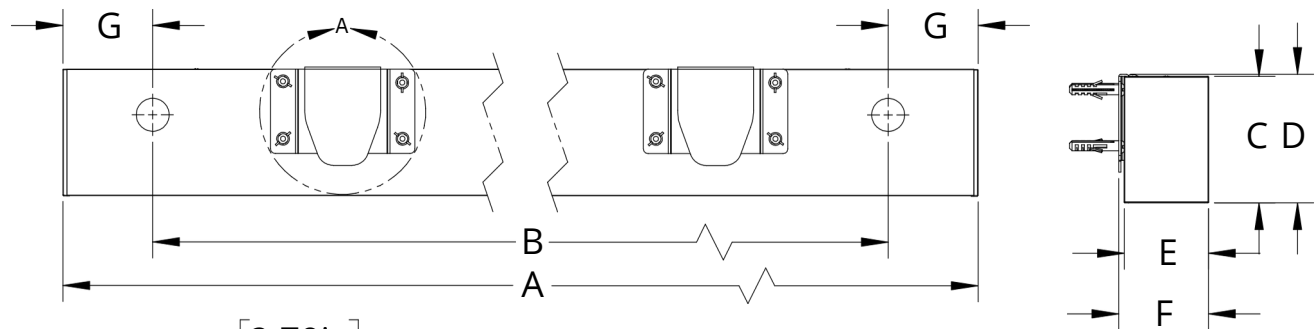
DIMENSIONS



	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

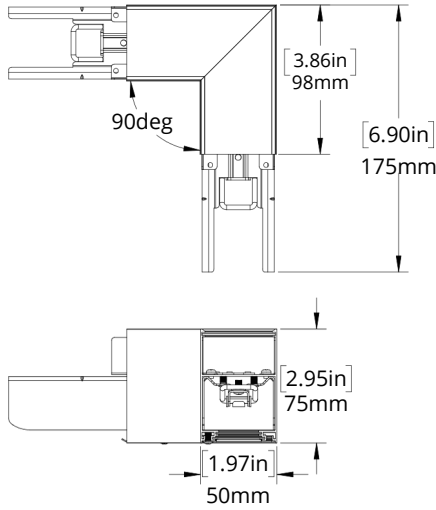
FLEX-LED WALL-MOUNTED



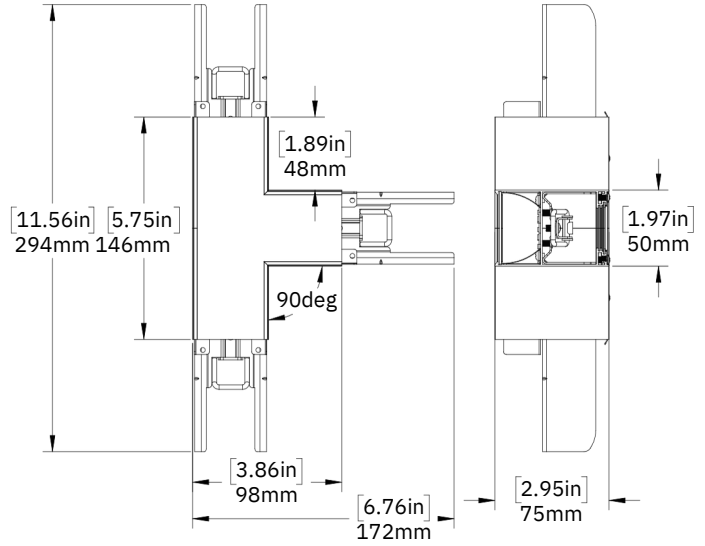
	A	B	C	D	E	F	G
2-FT	610mm [24.0in]	504mm [19.8in]	75mm [3.0in]	76mm [3.0in]	50mm [2.0in]	53mm [2.1in]	53mm [2.1in]
4-FT	1221mm [48.1in]	1115mm [43.9in]	75mm [3.0in]	76mm [3.0in]	50mm [2.0in]	53mm [2.1in]	53mm [2.1in]
6-FT	1829mm [72.0in]	1723mm [67.8in]	75mm [3.0in]	76mm [3.0in]	50mm [2.0in]	53mm [2.1in]	53mm [2.1in]
8-FT	2440mm [96.1in]	2334mm [91.9in]	75mm [3.0in]	76mm [3.0in]	50mm [2.0in]	53mm [2.1in]	53mm [2.1in]

ACCESSORIES DIMENSIONS

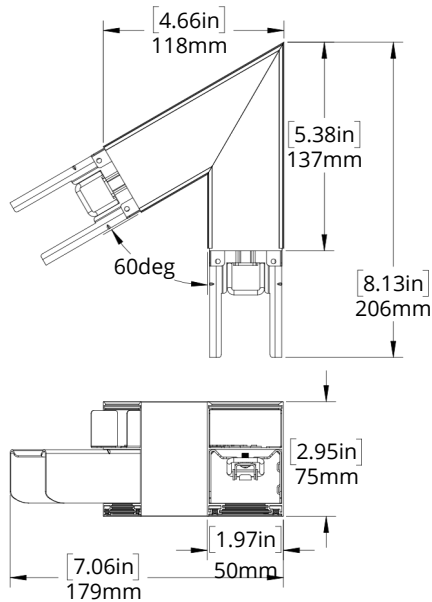
90 DEGREE L CONNECTOR



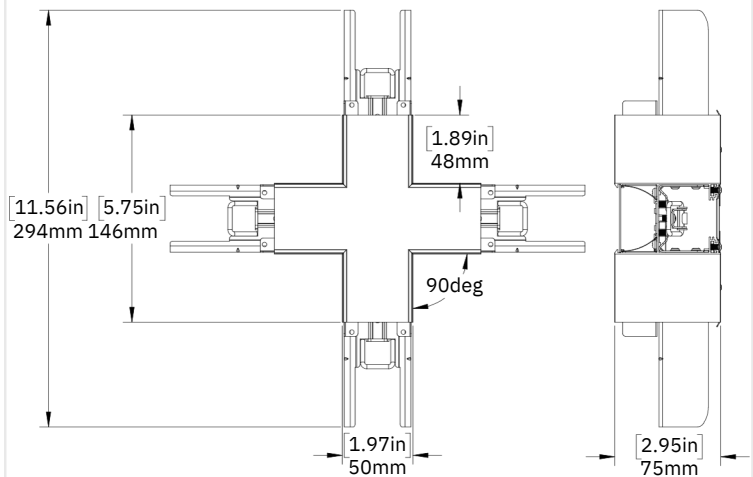
90 DEGREE T CONNECTOR



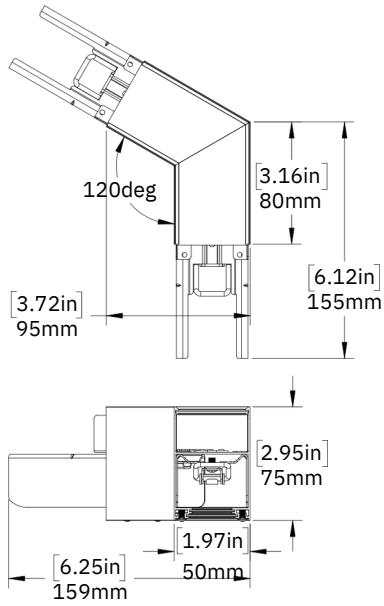
60 DEGREE L CONNECTOR



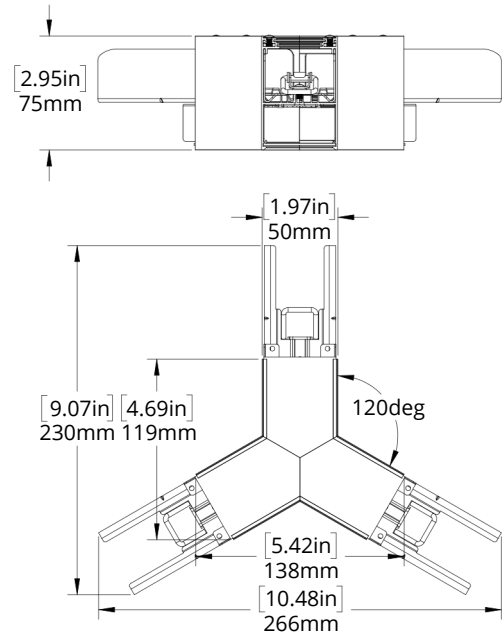
90 DEGREE X CONNECTOR



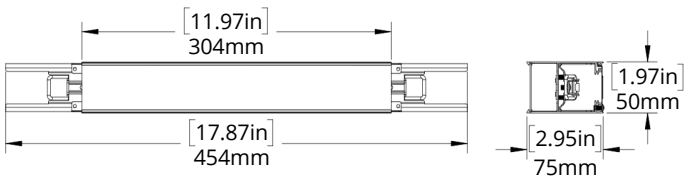
120 DEGREE L CONNECTOR



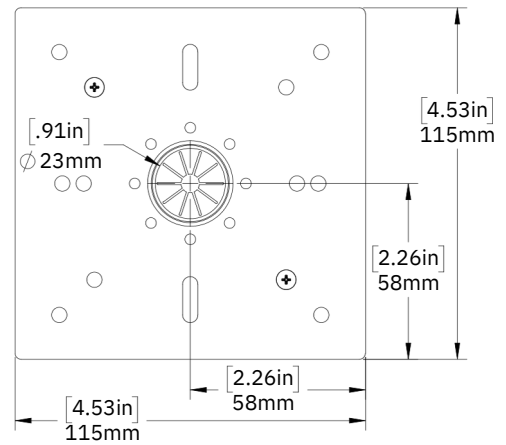
120 DEGREE Y CONNECTOR



1FT STRAIGHT CONNECTOR



JUNCTION BOX COVER

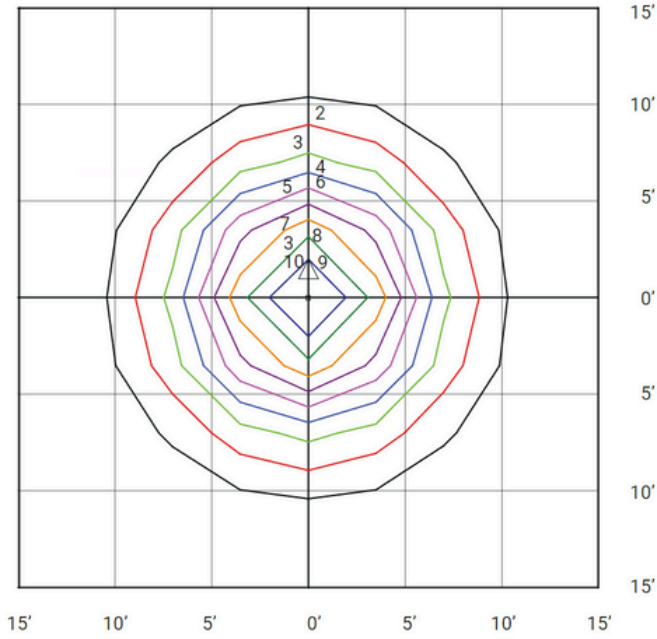


PHOTOMETRIC PLOTS

FLEX24-LED20A12

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

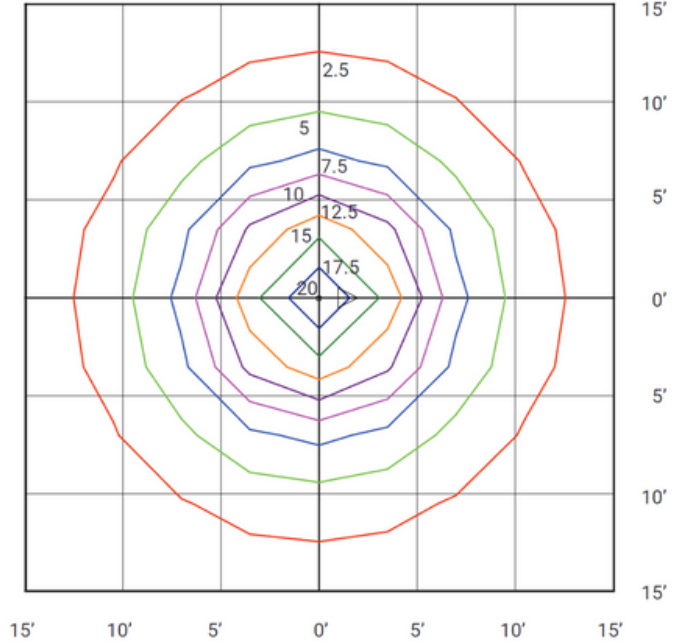
LUMENS: 2642 LM MAX CALCULATED VALUE: 11.73 FC



FLEX48-LED40A24

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

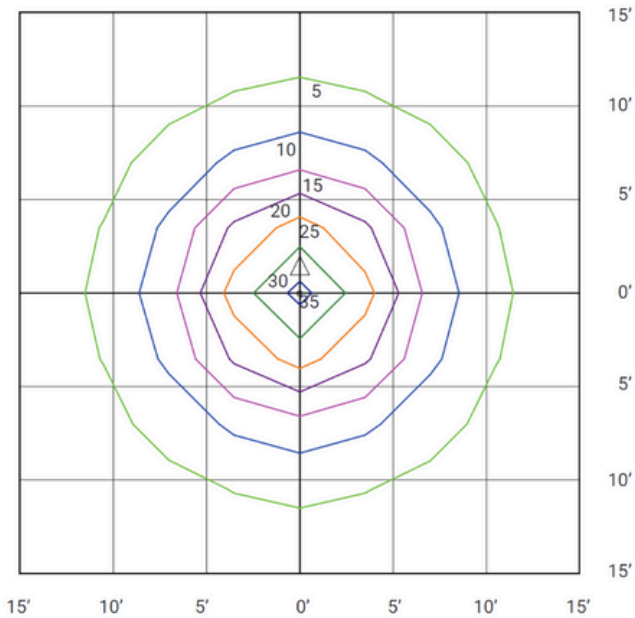
LUMENS: 5116 LM MAX CALCULATED VALUE: 22.62 FC



FLEX72-LED60A36

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

LUMENS: 8187LM 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

