

FLAT

Project Name:

Type:



vive
by OLUPTON

Easy
Sense



cutani
building controls
solutions

APPLICATION

Low-profile direct/indirect Architectural Linear LED fixture. Housing is formed by cold-rolled steel. Configured for either individual or continuous runs. Use for general office, banking, retail and educational environments.

MOUNTING:

- Pendant and surface mount.

LED:

- High quality array LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K)
- Color Rendering Index: >80 (optional >90).
- Nominal Lamp Life: 100,000 hours.
- Reported L70 hours: +60,000 (55°C).

FINISH:

- Durable, low gloss, textured white, powder coated finish.
- Standard powder-coat textured white finish.
- Custom colors available.
- Comes with lens.

ELECTRICAL:

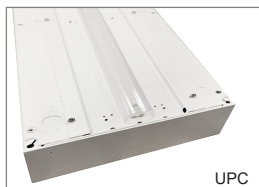
- High power factor electronic driver, operate from a 120~277 Vac input range, 50 / 60 Hz.
- Dimming Control: 1~100% (Std.), Bi-level step dim.⁴
- Power Factor: +0.9
- Efficiency: +85%
- Ambient Operating Temperature: -22°F (-30°C) ~ 122°F (50°C).
- Constant Current, Class 2.
- <ELCU-200>
- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- UL listed for dry & damp location.
- CEC Compliant EM (please contact for more information)
- Assembled in USA (optional).
- BAA compliant (optional).
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional)⁷
- Bluetooth Mesh System available, please contact factory for more information.



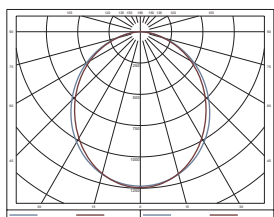
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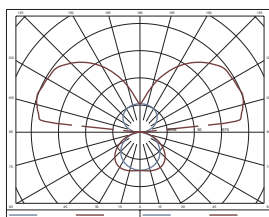
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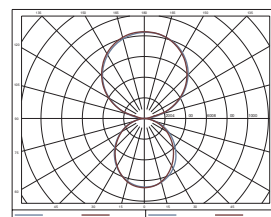
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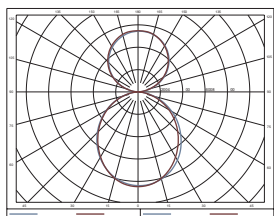
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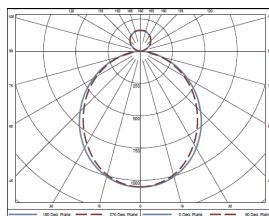
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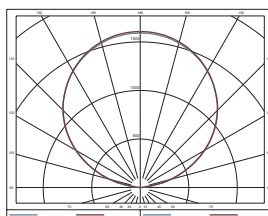
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FLAT-DI55

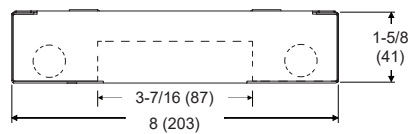


FLAT-DI85



FLAT-I

FLAT



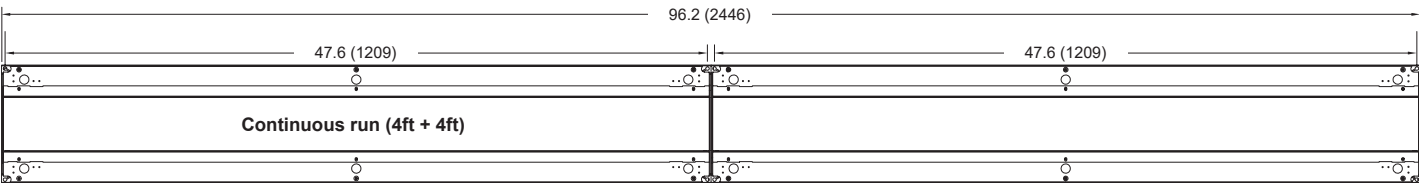
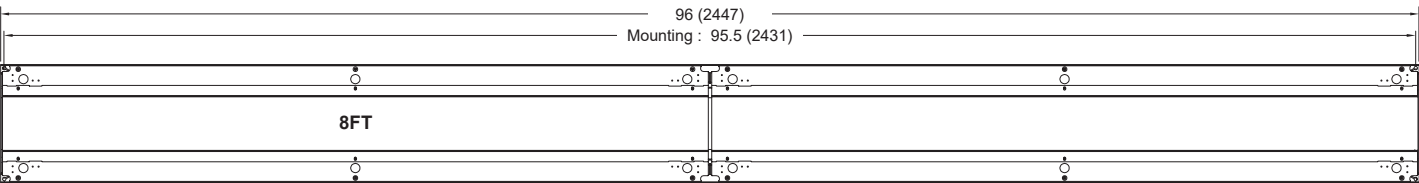
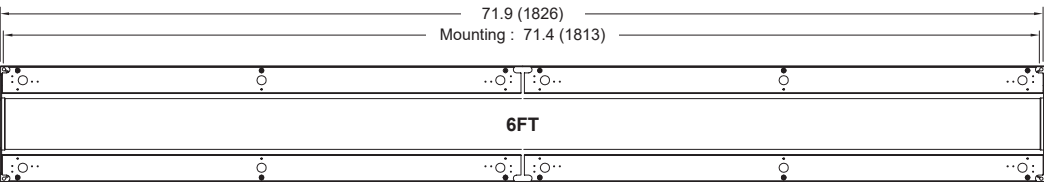
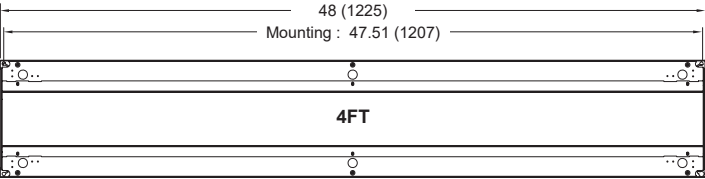
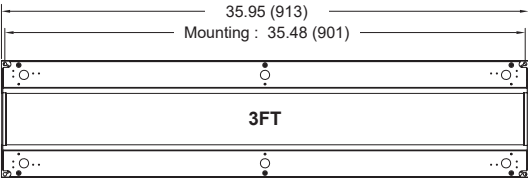
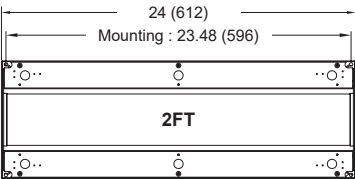
Specifications: FLAT

Length: 48 (1220)
Width: 8 (203)

All dimensions are in inches (millimeters).

WEIGHT

Item	lbs	kg
FLAT-R2	7.7	3.5
FLAT-R3	10	4.5
FLAT-R4	11.5	5.2
FLAT-R6	17.3	7.85
FLAT-R8	23.8	10.8



LED ARCHITECTURAL SUSPENDED DIRECT/INDIRECT LINEAR LIGHT

CONFIGURATIONS

Series	Size	Model #	AC Input	Direct Lumen (4000K)	Indirect Lumen (4000K)	Total Lumen (4000K)	Lumen Efficiency (4000K)		Multiplier		
								CCT	3000K	3500K	5000K
FLAT	2'	FLAT-R2-18L-D	8.99W	810.9 lm	0 lm	810.9 lm	90.2 lm/W	0.971	0.9856	1.029	
		FLAT-R2-18L-DI25	8.84W	277.4 lm	789.5 lm	1066.9 lm	120.7 lm/W				
		FLAT-R2-18L-DI40	8.87W	439.15 lm	619.05 lm	1058.2 lm	119.3 lm/W				
		FLAT-R2-18L-DI55	8.79W	668.32 lm	491.96 lm	1160.28 lm	132 lm/W				
		FLAT-R2-18L-DI85	8.59W	686.9 lm	123.13 lm	810.03 lm	94.3 lm/W				
		FLAT-R2-18L-I	8.82W	0 lm	1187.17 lm	1187.17 lm	134.6 lm/W				
		FLAT-R2-27L-D	13.48W	1215.9 lm	0 lm	1215.9 lm	90.2 lm/W				
		FLAT-R2-27L-DI25	13.27W	416.44 lm	1185.25 lm	1601.69 lm	120.7 lm/W				
		FLAT-R2-27L-DI40	13.31W	658.97 lm	928.91 lm	1587.88 lm	119.3 lm/W				
		FLAT-R2-27L-DI55	13.19W	1037.46 lm	738.22 lm	1741.08 lm	132 lm/W				
		FLAT-R2-27L-DI85	12.88W	1029.96 lm	184.62 lm	1214.58 lm	94.3 lm/W				
		FLAT-R2-27L-I	13.24W	0 lm	1782.1 lm	1782.1 lm	134.6 lm/W				
		FLAT-R2-36L-D	17.98W	1621.8 lm	0 lm	1621.8 lm	90.2 lm/W				
		FLAT-R2-36L-DI25	17.69W	555.14 lm	1580.04 lm	2135.18 lm	120.7 lm/W				
		FLAT-R2-36L-DI40	17.75W	878.79 lm	1238.78 lm	2117.57 lm	119.3 lm/W				
		FLAT-R2-36L-DI55	17.59W	1337.40 lm	984.48 lm	2321.88 lm	132 lm/W				
		FLAT-R2-36L-DI85	17.18W	1373.82 lm	246.25 lm	1620.07 lm	94.3 lm/W				
		FLAT-R2-36L-I	17.65W	0 lm	2375.69 lm	2375.69 lm	134.6 lm/W				
		FLAT-R2-44L-D	21.94W	1979 lm	0 lm	1979 lm	90.2 lm/W				
		FLAT-R2-44L-DI25	21.58W	677.22 lm	1927.48 lm	2604.7 lm	120.7 lm/W				
		FLAT-R2-44L-DI40	21.66W	1072.37 lm	1511.67 lm	2584.04 lm	119.3 lm/W				
		FLAT-R2-44L-DI55	21.45W	1630.88 lm	1200.52 lm	2831.4 lm	132 lm/W				
		FLAT-R2-44L-DI85	20.96W	1676.1 lm	300.43 lm	1976.53 lm	94.3 lm/W				
		FLAT-R2-44L-I	21.53W	0 lm	2897.94 lm	2897.94 lm	134.6 lm/W				
		FLAT-R2-54L-D	26.97W	2432.69 lm	0 lm	2432.69 lm	90.2 lm/W				
		FLAT-R2-54L-DI25	26.54W	832.88 lm	2370.5 lm	3203.38 lm	120.7 lm/W				
		FLAT-R2-54L-DI40	26.63W	1318.44 lm	1858.52 lm	3176.96 lm	119.3 lm/W				
		FLAT-R2-54L-DI55	26.38W	2005.73 lm	1476.43 lm	3482.16 lm	132 lm/W				
		FLAT-R2-54L-DI85	25.77W	2060.73 lm	369.38 lm	2430.11 lm	94.3 lm/W				
		FLAT-R2-54L-I	26.48W	0 lm	3564.21 lm	3564.21 lm	134.6 lm/W				
	3'	FLAT-R3-18L-D	13.48W	1215.9 lm	0 lm	1215.9 lm	90.2 lm/W				
		FLAT-R3-18L-DI25	13.26W	416.12 lm	1184.36 lm	1600.48 lm	120.7 lm/W				
		FLAT-R3-18L-DI40	13.31W	658.97 lm	928.91 lm	1587.88 lm	119.3 lm/W				
		FLAT-R3-18L-DI55	13.19W	1002.86 lm	738.22 lm	1741.08 lm	132 lm/W				
		FLAT-R3-18L-DI85	12.88W	1029.96 lm	184.62 lm	1214.58 lm	94.3 lm/W				
		FLAT-R3-18L-I	13.24W	0 lm	1782.10 lm	1782.10 lm	134.6 lm/W				
		FLAT-R3-27L-D	20.23W	1824.75 lm	0 lm	1824.75 lm	90.2 lm/W				
		FLAT-R3-27L-DI25	19.9W	624.5 lm	1777.43 lm	2401.93 lm	120.7 lm/W				
		FLAT-R3-27L-DI40	19.97W	988.7 lm	1393.72 lm	2382.42 lm	119.3 lm/W				
		FLAT-R3-27L-DI55	19.78W	1503.91 lm	1107.05 lm	2610.96 lm	132 lm/W				
		FLAT-R3-27L-DI85	19.33W	1545.75 lm	277.07 lm	1822.82 lm	94.3 lm/W				
		FLAT-R3-27L-I	19.86W	0 lm	2673.15 lm	2673.15 lm	134.6 lm/W				
		FLAT-R3-36L-D	26.98W	2433.59 lm	0 lm	2433.59 lm	90.2 lm/W				
		FLAT-R3-36L-DI25	26.54W	832.88 lm	2370.5 lm	3203.38 lm	120.7 lm/W				
		FLAT-R3-36L-DI40	26.63W	1318.15 lm	1858.85 lm	3177 lm	119.3 lm/W				
		FLAT-R3-36L-DI55	26.38W	2005.73 lm	1476.43 lm	3482.16 lm	132 lm/W				
		FLAT-R3-36L-DI85	25.77W	2060.73 lm	369.38 lm	2430.11 lm	94.3 lm/W				
		FLAT-R3-36L-I	26.48W	0 lm	3564.21 lm	3564.21 lm	134.6 lm/W				
		FLAT-R3-44L-D	32.91W	2968.48 lm	0 lm	2968.48 lm	90.2 lm/W				
		FLAT-R3-44L-DI25	32.38W	1016.15 lm	2892.11 lm	3908.26 lm	120.7 lm/W				
		FLAT-R3-44L-DI40	32.49W	1608.56 lm	2267.49 lm	3876.05 lm	119.3 lm/W				
		FLAT-R3-44L-DI55	32.18W	2446.71 lm	1801.05 lm	4247.76 lm	132 lm/W				
		FLAT-R3-44L-DI85	31.45W	2514.94 lm	450.79 lm	2965.73 lm	94.3 lm/W				
		FLAT-R3-44L-I	32.3W	0 lm	4347.58 lm	4347.58 lm	134.6 lm/W				
		FLAT-R3-54L-D	40.46W	3649.49 lm	0 lm	3649.49 lm	90.2 lm/W				
		FLAT-R3-54L-DI25	39.81W	1249.31 lm	3555.75 lm	4805.06 lm	120.7 lm/W				
		FLAT-R3-54L-DI40	39.95W	1977.9 lm	2788.13 lm	4766.03 lm	119.3 lm/W				
		FLAT-R3-54L-DI55	39.58W	3009.34 lm	2215.22 lm	5224.56 lm	132 lm/W				
		FLAT-R3-54L-DI85	38.66W	3091.5 lm	554.14 lm	3645.64 lm	94.3 lm/W				
		FLAT-R3-54L-I	39.72W	0 lm	5346.31 lm	5346.31 lm	134.6 lm/W				

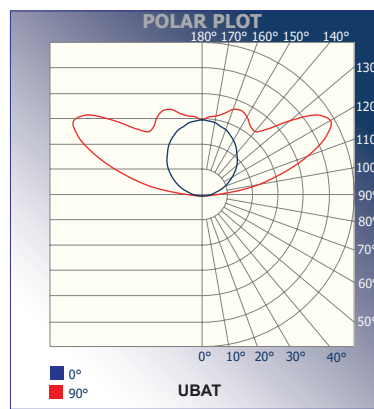
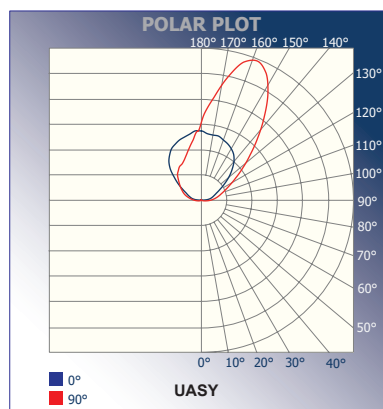
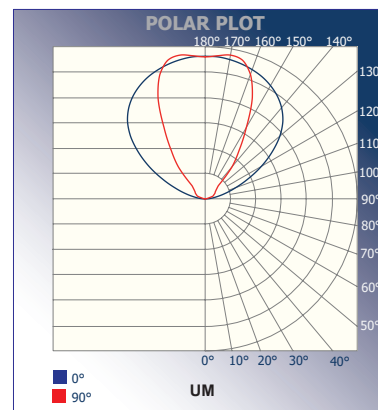
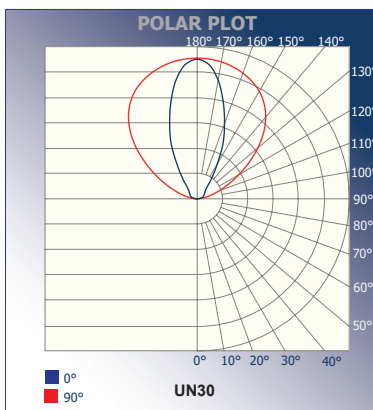
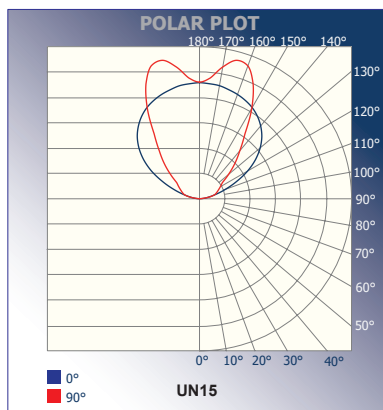
CONFIGURATIONS

Series	Size	Model #	AC Input	Direct Lumen (4000K)	Indirect Lumen (4000K)	Total Lumen (4000K)	Lumen Efficiency (4000K)
FLAT	4'	FLAT-R4-18L-D	17.98W	1622 lm	0 lm	1622 lm	90.2 lm/W
		FLAT-R4-18L-DI25	17.69W	554.5 lm	1582 lm	2136.5 lm	120.7 lm/W
		FLAT-R4-18L-DI40	17.75W	880 lm	1238.5 lm	2118.5 lm	119.3 lm/W
		FLAT-R4-18L-DI55	17.59W	1336.66 lm	985.22 lm	2321.88 lm	132 lm/W
		FLAT-R4-18L-DI85	17.18W	1373.82 lm	246.25 lm	1620.07 lm	94.3 lm/W
		FLAT-R4-18L-I	17.65W	0 lm	2375.5 lm	2375.5 lm	134.6 lm/W
		FLAT-R4-27L-D	26.97W	2433 lm	0 lm	2433 lm	90.2 lm/W
		FLAT-R4-27L-DI25	26.54W	831.75 lm	2373 lm	3204.75 lm	120.7 lm/W
		FLAT-R4-27L-DI40	26.63W	1320 lm	1857.75 lm	3177.75 lm	119.3 lm/W
		FLAT-R4-27L-DI55	26.38W	2004.61 lm	1477.55 lm	3482.16 lm	132 lm/W
		FLAT-R4-27L-DI85	25.77W	2060.73 lm	369.38 lm	2430.11 lm	94.3 lm/W
		FLAT-R4-27L-I	26.48W	0 lm	3564.75 lm	3564.75 lm	134.6 lm/W
		FLAT-R4-36L-D	35.97W	3244 lm	0 lm	3244 lm	90.2 lm/W
		FLAT-R4-36L-DI25	35.39W	1109 lm	3164 lm	4273 lm	120.7 lm/W
		FLAT-R4-36L-DI40	35.51W	1760 lm	2477 lm	4237 lm	119.3 lm/W
		FLAT-R4-36L-DI55	35.18W	2673.32 lm	1970.44 lm	4643.76 lm	132 lm/W
		FLAT-R4-36L-DI85	34.37W	2749.2 lm	492.78 lm	3242 lm	94.3 lm/W
		FLAT-R4-36L-I	35.31W	0 lm	4753 lm	4753 lm	134.6 lm/W
		FLAT-R4-44L-D	43.88W	3957.68 lm	0 lm	3957.68 lm	90.2 lm/W
		FLAT-R4-44L-DI25	43.17W	1352.95 lm	3860.08 lm	5213.03 lm	120.7 lm/W
		FLAT-R4-44L-DI40	43.32W	2147.2 lm	3021.94 lm	5164.14 lm	119.3 lm/W
		FLAT-R4-44L-DI55	42.91W	3260.72 lm	2403.40 lm	5664.12 lm	132 lm/W
		FLAT-R4-44L-DI85	41.93W	3353 lm	601 lm	3954 lm	94.3 lm/W
		FLAT-R4-44L-I	43.07W	0 lm	5798.66 lm	5798.66 lm	134.6 lm/W
		FLAT-R4-54L-D	53.95W	4866 lm	0 lm	4866 lm	90.2 lm/W
		FLAT-R4-54L-DI25	53.08W	1663.5 lm	4746 lm	6409.5 lm	120.7 lm/W
		FLAT-R4-54L-DI40	53.26W	2640 lm	3715.5 lm	6355.5 lm	119.3 lm/W
		FLAT-R4-54L-DI55	52.77W	4009.97 lm	2955.67 lm	6965.64 lm	132 lm/W
		FLAT-R4-54L-DI85	51.55W	4122.25 lm	738.91 lm	4861.16 lm	94.3 lm/W
		FLAT-R4-54L-I	52.96W	0 lm	7129.5 lm	7129.5 lm	134.6 lm/W
	6'	FLAT-R6-18L-D	26.97W	2432.7 lm	0 lm	2432.7 lm	90.2 lm/W
		FLAT-R6-18L-DI25	26.52W	832.2 lm	2368.5 lm	3200.7 lm	120.7 lm/W
		FLAT-R6-18L-DI40	26.61W	1317.45 lm	1857.15 lm	3174.6 lm	119.3 lm/W
		FLAT-R6-18L-DI55	26.37W	2004.97 lm	1475.87 lm	3480.84 lm	132 lm/W
		FLAT-R6-18L-DI85	25.77W	2060.7 lm	369.39 lm	2430.09 lm	94.3 lm/W
		FLAT-R6-18L-I	26.46W	0 lm	3561.51 lm	3561.51 lm	134.6 lm/W
		FLAT-R6-27L-D	40.44W	3647.7 lm	0 lm	3647.7 lm	90.2 lm/W
		FLAT-R6-27L-DI25	39.81W	1249.32 lm	3555.75 lm	4805.07 lm	120.7 lm/W
		FLAT-R6-27L-DI40	39.93W	1976.91 lm	2786.73 lm	4763.64 lm	119.3 lm/W
		FLAT-R6-27L-DI55	39.57W	3112.37 lm	2214.65 lm	5223.24 lm	132 lm/W
		FLAT-R6-27L-DI85	38.64W	3089.88 lm	553.86 lm	3643.74 lm	94.3 lm/W
		FLAT-R6-27L-I	39.72W	0 lm	5346.3 lm	5346.3 lm	134.6 lm/W
		FLAT-R6-36L-D	53.94W	4865.4 lm	0 lm	4865.4 lm	90.2 lm/W
		FLAT-R6-36L-DI25	53.07W	1665.42 lm	4740.12 lm	6405.54 lm	120.7 lm/W
		FLAT-R6-36L-DI40	53.25W	2636.37 lm	3716.34 lm	6352.71 lm	119.3 lm/W
		FLAT-R6-36L-DI55	52.77W	4012.21 lm	2953.43 lm	6965.64 lm	132 lm/W
		FLAT-R6-36L-DI85	51.54W	4121.46 lm	738.75 lm	4860.21 lm	94.3 lm/W
		FLAT-R6-36L-I	52.95W	0 lm	7127.07 lm	7127.07 lm	134.6 lm/W
		FLAT-R6-44L-D	65.82W	5937 lm	0 lm	5937 lm	90.2 lm/W
		FLAT-R6-44L-DI25	64.74W	2031.66 lm	5782.44 lm	7814.1 lm	120.7 lm/W
		FLAT-R6-44L-DI40	64.98W	3217.11 lm	4535.01 lm	7752.12 lm	119.3 lm/W
		FLAT-R6-44L-DI55	64.35W	4892.63 lm	3601.57 lm	8494.2 lm	132 lm/W
		FLAT-R6-44L-DI85	62.88W	5028.3 lm	901.29 lm	5929.59 lm	94.3 lm/W
		FLAT-R6-44L-I	64.59W	0 lm	8693.82 lm	8693.82 lm	134.6 lm/W
		FLAT-R6-54L-D	80.91W	7298.07 lm	0 lm	7298.07 lm	90.2 lm/W
		FLAT-R6-54L-DI25	79.62W	2498.64 lm	7111.5 lm	9610.14 lm	120.7 lm/W
		FLAT-R6-54L-DI40	79.89W	3955.32 lm	5575.56 lm	9530.88 lm	119.3 lm/W
		FLAT-R6-54L-DI55	79.14W	6017.19 lm	4429.29 lm	10446.48 lm	132 lm/W
		FLAT-R6-54L-DI85	77.31W	6182.19 lm	1108.14 lm	7290.33 lm	94.3 lm/W
		FLAT-R6-54L-I	79.44W	0 lm	10692.63 lm	10692.63 lm	134.6 lm/W

FLAT

CONFIGURATIONS

Series	Size	Model #	AC Input	Direct Lumen (4000K)	Indirect Lumen (4000K)	Total Lumen (4000K)	Lumen Efficiency (4000K)
FLAT	8'	FLAT-R8-18L-D	35.97W	3244 lm	0 lm	3244 lm	90.2 lm/W
		FLAT-R8-18L-DI25	35.39W	1109 lm	3164 lm	4273 lm	120.7 lm/W
		FLAT-R8-18L-DI40	35.51W	1760 lm	2477 lm	4237 lm	119.3 lm/W
		FLAT-R8-18L-DI55	35.18W	2673.32 lm	1970.44 lm	4643.76 lm	132 lm/W
		FLAT-R8-18L-DI85	34.37W	2749.2 lm	492.78 lm	3242 lm	94.3 lm/W
		FLAT-R8-18L-I	35.31W	0 lm	4753 lm	4753 lm	134.6 lm/W
		FLAT-R8-27L-D	53.95W	4866 lm	0 lm	4866 lm	90.2 lm/W
		FLAT-R8-27L-DI25	53.08W	1663.5 lm	4746 lm	6409.5 lm	120.7 lm/W
		FLAT-R8-27L-DI40	53.26W	2640 lm	3715.5 lm	6355.5 lm	119.3 lm/W
		FLAT-R8-27L-DI55	52.76W	4009.21 lm	2955.11 lm	6964.32 lm	132 lm/W
		FLAT-R8-27L-DI85	51.55W	4122.26 lm	738.9 lm	4861.16 lm	94.3 lm/W
		FLAT-R8-27L-I	52.96W	0 lm	7129.5 lm	7129.5 lm	134.6 lm/W
		FLAT-R8-36L-D	71.94W	6488 lm	0 lm	6488 lm	90.2 lm/W
		FLAT-R8-36L-DI25	70.78W	2218 lm	6328 lm	8546 lm	120.7 lm/W
		FLAT-R8-36L-DI40	71.02W	3520 lm	4954 lm	8474 lm	119.3 lm/W
		FLAT-R8-36L-DI55	70.36W	5346.63 lm	3940.89 lm	9287.52 lm	132 lm/W
		FLAT-R8-36L-DI85	68.74W	5496.88 lm	985.3 lm	6482.18 lm	94.3 lm/W
		FLAT-R8-36L-I	70.62W	0 lm	9506 lm	9506 lm	134.6 lm/W
		FLAT-R8-44L-D	87.76W	7915.36 lm	0 lm	7915.36 lm	90.2 lm/W
		FLAT-R8-44L-DI25	86.34W	2705.9 lm	7720.16 lm	10426.06 lm	120.7 lm/W
		FLAT-R8-44L-DI40	86.64W	4294.4 lm	6043.88 lm	10338.28 lm	119.3 lm/W
		FLAT-R8-44L-DI55	85.82W	6521.43 lm	4806.81 lm	11328.24 lm	132 lm/W
		FLAT-R8-44L-DI85	83.86W	6706 lm	1202 lm	7908 lm	94.3 lm/W
		FLAT-R8-44L-I	86.14W	0 lm	11597.32 lm	11597.32 lm	134.6 lm/W
		FLAT-R8-54L-D	107.9W	9732 lm	0 lm	9732 lm	90.2 lm/W
		FLAT-R8-54L-DI25	106.16W	3327 lm	9492 lm	12819 lm	120.7 lm/W
		FLAT-R8-54L-DI40	106.52W	5280 lm	7431 lm	12711 lm	119.3 lm/W
		FLAT-R8-54L-DI55	105.54W	8019.95 lm	5911.33 lm	13931.28 lm	132 lm/W
		FLAT-R8-54L-DI85	103.11W	8245.33 lm	1477.94 lm	9723.27 lm	94.3 lm/W
		FLAT-R8-54L-I	105.92W	0 lm	14259 lm	14259 lm	134.6 lm/W



FLAT

ORDERING INFORMATION

EXAMPLE: FLAT-IND-4-36L-40K-UNV-X1

MODEL	ROW ¹		SECTION ²		LED		COLOR TEMP.	
FLAT-IND FLAT-CON	xx'	Specify nominal overall row length in 1" increments (continuous runs)	R2 R3 R6 R4 R8	2' Length 3' Length 6' Length 4' Length 8' Length	18L 27L 36L 44L 54L	18W LED (529 lm/ft) 27W LED (794 lm/ft) 36W LED (1059 lm/ft) 44W LED (1291 lm/ft) 54W LED (1588 lm/ft)	-27K -30K -35K -40K -50K	2700K ¹³ 3000K 3500K 4000K 5000K

* Contact factory for custom wattage or lumen requirement.
* Contact factory for custom up/down light distribution.

CRI		DISTRIBUTION		Uplight DISTRIBUTION		VOLTAGE		MOUNTING		EM SECTION ³	
(Blank) C9	80+ CRI 90+ CRI ¹⁴	D DI25 DI40 DI55 DI85 I	100% Direct 26% Direct/74% Indirect 42% Direct/58% Indirect 58% Direct/42% Indirect 85% Direct/15% Indirect 100% Indirect	(Blank) UN15 UN30 UM UASY UBAT UPC	No optic Uplight Narrow 15° Uplight Narrow 30° Uplight Medium 60° Uplight Asymmetric 20° ²² Uplight Batwing 120° Non-optic clear cover	UNV 120 277 347	120-277V (Std.) 120V 277V 347V ¹⁹	(Blank) S	Pendant Ceiling Surface	(Blank) 1SE 2SE xSE	None EM 1 Section 2 Section x Section


FIXTURE FINISH ¹⁵		CANOPY FINISH		CEILING TYPE (For Pendant)		SUSPENSION LENGTH (For Pendant)	
(Blank) *BK *SV *CC *AMB	Matte White RAL #9003 (Std.) Black RAL #9011 Silver (RAL #9022) Custom Color ¹⁶ Anti-Microbial Coating (Matte Skye White)	(Blank) *BC *SC **CSS	White (Std.) Black Canopy Silver Canopy Custom Canopy Color (White is Std.)	X1 X2 X3 X4	15/16" grid T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar ceiling	AC48 AC96 ACxx	Adjustable Aircraft Cable Canopy 48"L Adjustable Aircraft Cable Canopy 96"L Custom

* Non-standard finish with extra charge.
** Additional charge & set up fee.

LED DRIVER

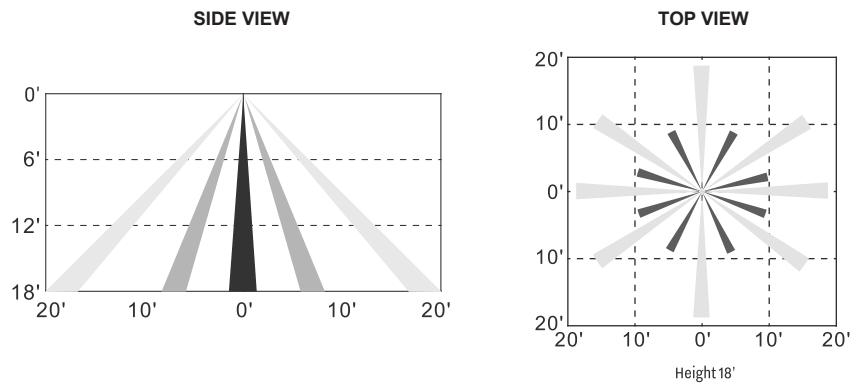
(Blank) UDSD SP ES566 SD40 SDXX PHSR PHDL ED560 TDM TD30/70 TDXX/YY	0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) Separate Dimming Control of Uplight and Downlight (0-10V dim to 1%) ^{9, 17, 18} Separate Power Control for Uplight and Downlight ¹⁸ eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim 40% / 100% Bi-Level Step dim XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) Philips Xitanium Sensor-Ready, Dali 5%~100% dim. Philips Xitanium DALI driver, Dim to 5% eldoLED LightShape DALI dim to dark, 0.1% ~ 100% Triac Dim. (120V only) 30% / 70% / 100% Tri-Level Step dim XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)	LDE1 ELV TRIOT DTO DMX DLM LTEA2W BLT	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim ELV compatible (reverse-phase or trailing-edge), (120V only) Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface 0-10V DIM-TO-OFF DMX512 control system (Only available with RGB+W option) Wattstopper's DLM interface (Only available with RGB+W option) Hi-lume 1% 2-wire LED driver (120V forward phase only) Bluetooth Mesh System (contact factory for more information)
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FLAT

OPTIONS		LIGHTING CONTROL SYSTEM	
ARRA	Assembled in USA for Buy American Act	LUTRON VIVE  Click Here! <u><EasySense></u> EasySense Fixture-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{10, 11} SNS200 RS-IR IR dongle v2.0 for EasySense control <u><Enlighted></u> SU-5E-IoT Enlighted IoT-Ready Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled ^{12, 20} SU-5E-CL Enlighted Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled (Connected lighting sensor only) RS-WS Enlighted Room controller providing basic control functions of a standard wall switch with preset dimming capability <u><Bluetooth></u> IFS105SE Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming PPA102S Bluetooth Powerpack (Consult factory for installation location)	<u><Lutron VIVE System Enabled></u>
BAA	BAA(Buy American Act) and BABA(Build America Buy America) compliant		
O7W	Optional 7 Years Limited Warranty ⁵		
O10W	Optional 10 Years Limited Warranty ⁵		
AMS	Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming		
DPMS	Daylight Dimming Photo Sensor (0-10 VDC Control), (LSR-301-S required if FD-301 is installed) ²¹		
SO	Dimming Wires connected to Sensor Only (available option on FS-205 non-Bluetooth AMS sensor only) ⁶		
LSR-301-S	Setup Remote Control for DPMS (Required for DPMS)		
LSR-301-P	Occupant Remote Control for DPMS		
EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) ⁸		
EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) ⁸		
EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) ⁸		
EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) ⁸		
ELCU-200	Fail-to-on Emergency lighting, UL924 ⁷		
GTD	Bodine Generator Transfer Device		
GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)		
UPC	Indirect Light Cover		
EC15	1.5" Extra End Cap		

NOTES:

- Specify only when continuous row mount.
- No need to select, if same as row length and section length.
- EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
- Contact factory for custom wattage or lumen requirement.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Dimming wires provided and connected to sensor only, not for dimmer switch. (available with AMS and DPMS option)
- Shipped separately.
- Contact factory for other emergency ballast options.
- For separate dimming control, please be advised it may not be available when EM battery backup is added due to limited space. Please contact us for more information.
- See NFC and IR manual in the separate attachment. If your phone is not compatible, please order "RS-IR" and follow the manual.
- Refer to Advanced Grouping Datasheet for its default setting and compatible wireless switches.
- "RS-WS" option can be added if wish to have a wall switch, please see Enlighted Room Controller in the separate attachment.
- Available with C9 (CRI 90+) only.
- Lumen per watt is around 15% less than standard CRI (80+).
- Cord is available in white or black. (Black is not available for the EM option)
- Refer to color charts (RAL and/or Cardinal) in the separate attachment.
- Can have up to 2 power feeds depending on the configuration.
- Only available with DI40, DI55, and DI85 distribution.
- 347V cannot work with Emergency Battery Backup.
- Must be ordered either with 0-10V LED driver or TRIOT (IoT-Ready LED driver).
- Automatic on/off is not available. For automatic on/off, additional occupancy sensor is required or a manual on/off switch can be done.
- Standard aims to the wall, optic is field adjustable.



AMS, IFS105SE coverage pattern

COMPATIBLE DIMMER SWITCH (TABLE 1)

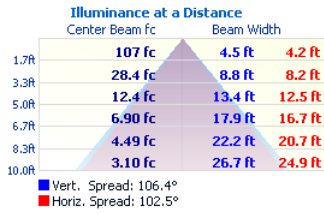
Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IP710-LFZ
		<Lutron>	Nova: NDTV-dimmer plus PP-DV relay pack(s) Nova T: NTSTV-DV-dimmer Diva: DDTV-dimmer, DVSCSTV-dimmer, plus PP-DV, relay pack(s), DVSTV-dimmer, DVSCSTV-dimmer GRAFIK Eye QS: QSGRJ-XP, plus GRX-TVI 0-10V interface GRAFIK Eye QS w/EcoSystem: QSGRJ-XE, QSGR-XE, plus GRX-TVI 0-10V interface PowPak: RMJ-5T
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IlumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DDTV-xx, NDTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLVV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
ED560	eldoLED DUALdrive	<Lunatone>	SS-LUNAT PS2 30mA SS-LUNAT Touch or BT SS-LUNAT Comm
LDE1	Lutron Hi-lume 1% EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO ^{1,2} Energi Savr Node (120V only): QSN-1ECO-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ- _E(wireless) QSGR- _E Quantum Hub (120V only): QP2- _2C/4C/6C/8C Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D
PHSR ³	Philips Xitanium Sensor-Ready	<Ilumra>	<u>Single Rocker Self-Powered Light Switch (on/off, dim-up/down)</u> Ilumra# ZBT-S1AWH Digi-Key# 1082-1033-ND <u>Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1,2)</u> Ilumra# ZBT-S2AWH Digi-Key# 1082-1034-ND
TDM	KEYSTONE	<Lutron>	Diva DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Diva CFL/LED DVCL-153P, Satin Colors DVSC-600P-SW
		<Leviton>	6641, IlumaTech IP106-1LX, ToggleTouch TGI06-1LW (Digital)
ELV	KEYSTONE	<Lutron>	MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P
DTO	Philips Xitanium Gen.2 Philips Xitanium Sensor-Ready	<Lutron>	Nova T: #NTSTV-DV http://www.lutron.com/TechnicalDocumentLibrary/NovaTB.pdf See page13.
LTEA2W	Lutron Hi-lume 2-wire (120V forward voltage only)	<Lutron>	Visit http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf for a list of compatible dimmer switches.

NOTES:

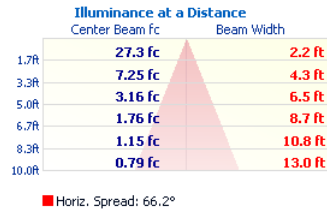
- All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command.
For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
- For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.
- Recommended for EasySense System.

FLAT

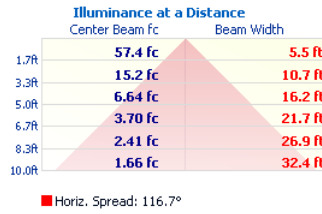
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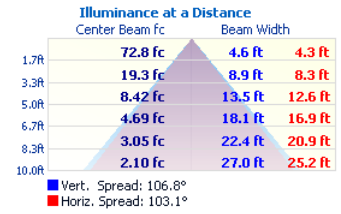
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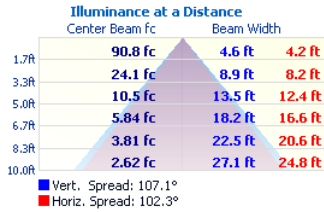
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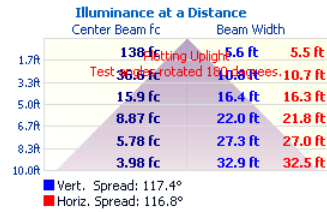
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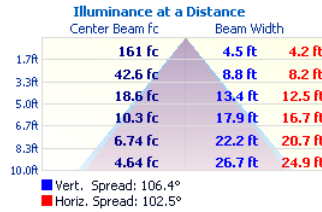
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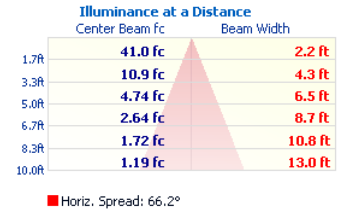
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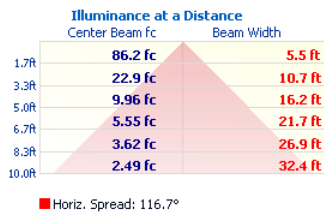
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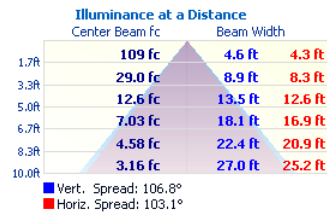
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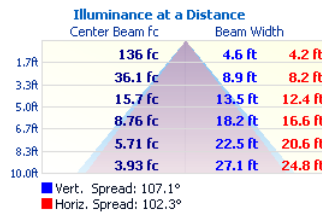
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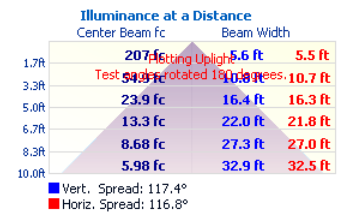
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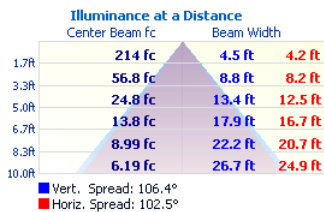
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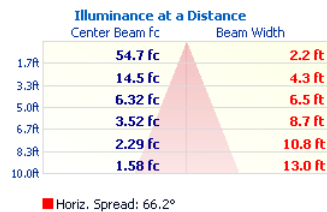
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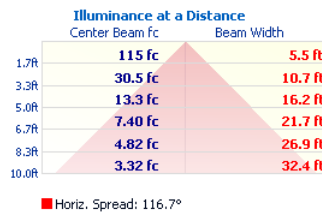
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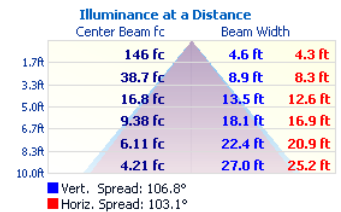
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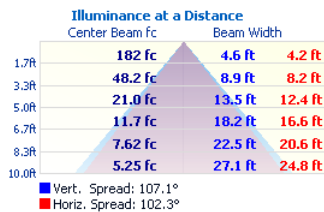
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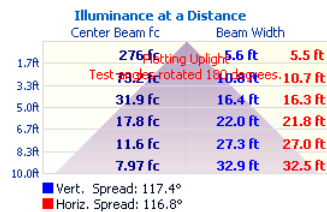
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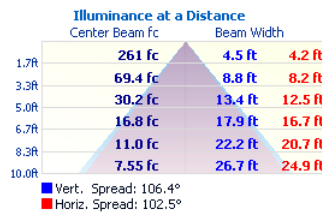
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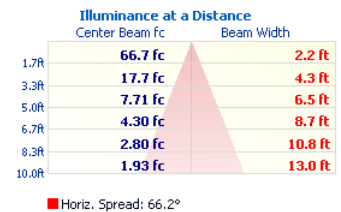
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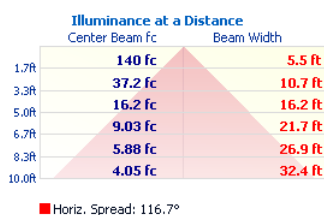
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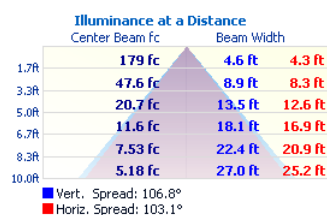
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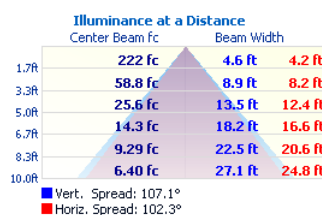
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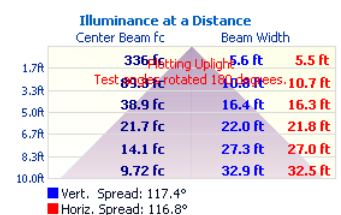
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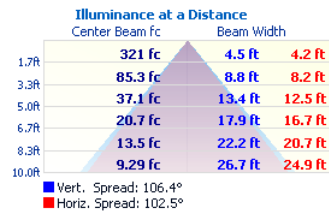


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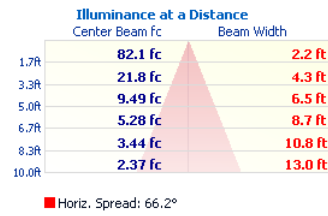


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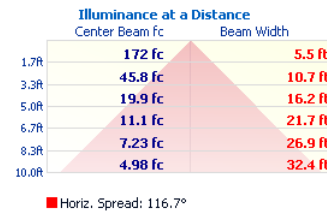
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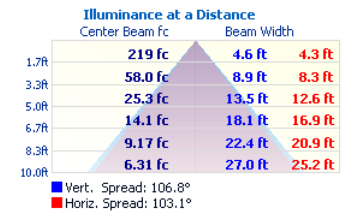
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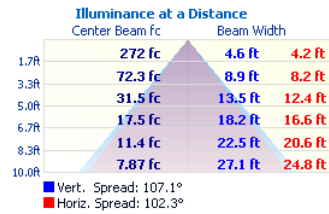
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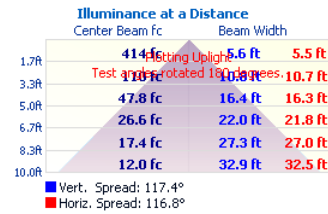
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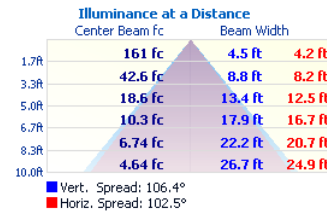
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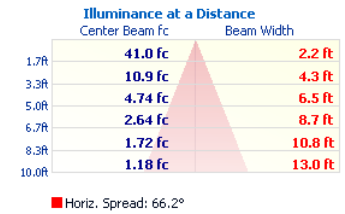
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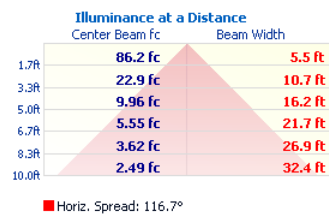
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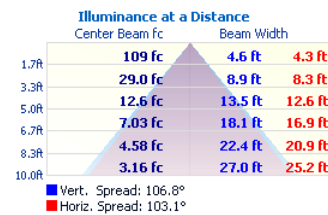
FLAT-R3-18L-DI25



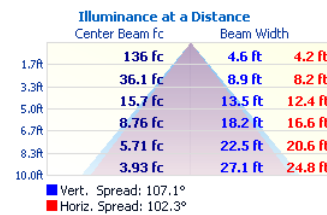
FLAT-R3-18L-DI40



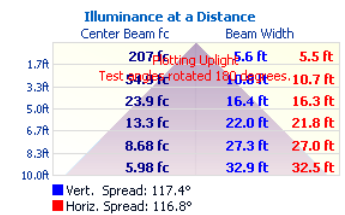
FLAT-R3-18L-DI55



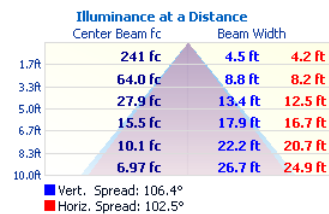
FLAT-R3-18L-DI85



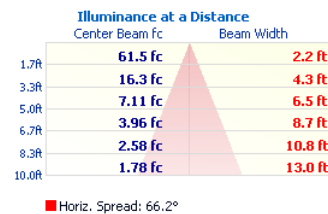
FLAT-R3-18L-I



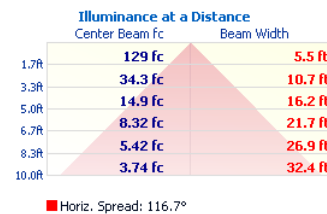
FLAT-R3-27L-D



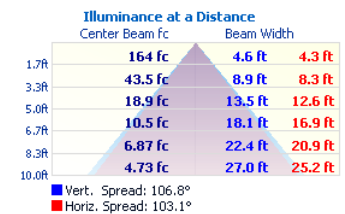
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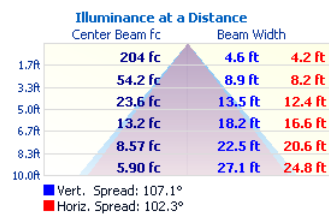
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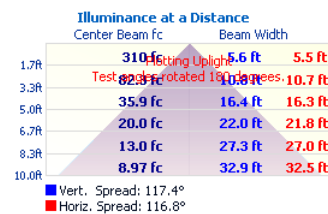
FLAT-R3-27L-DI55



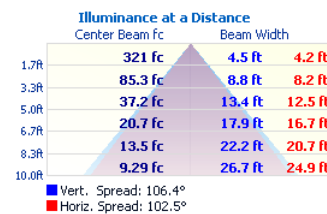
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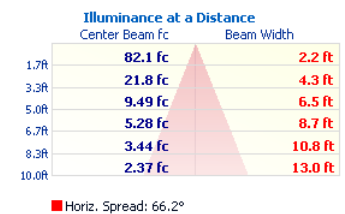
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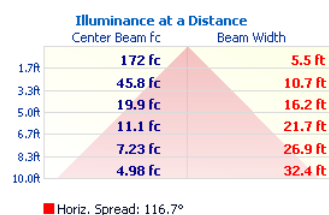
FLAT-R3-36L-D



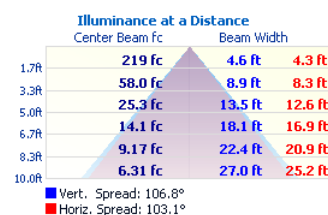
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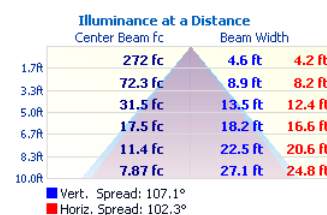
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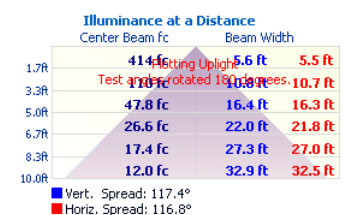
FLAT-R3-36L-DI55



FLAT-R3-36L-DI85

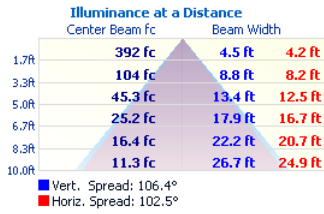


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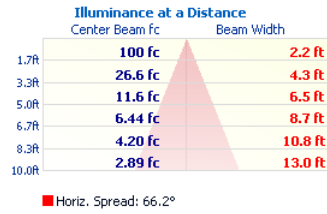


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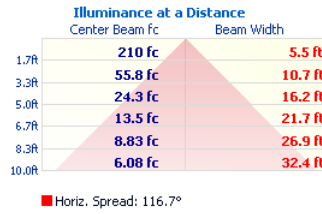
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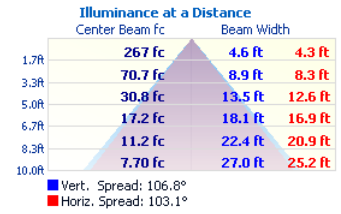
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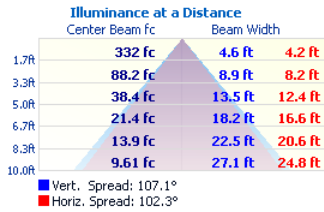
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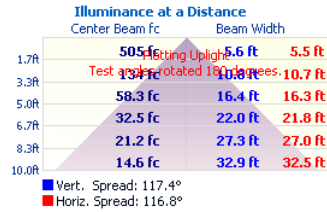
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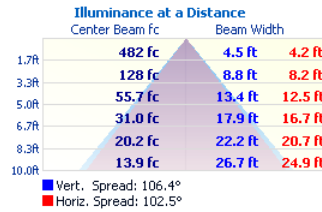
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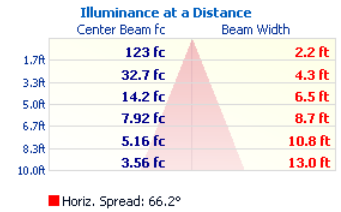
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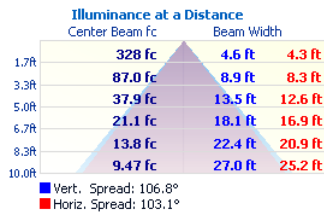
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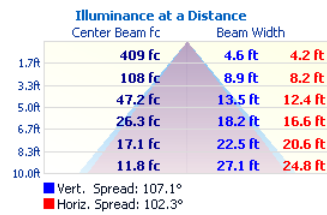
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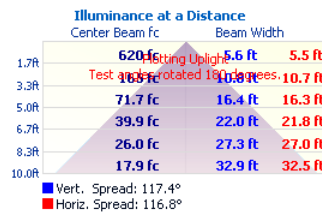
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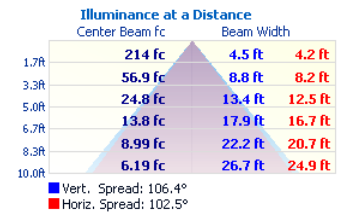
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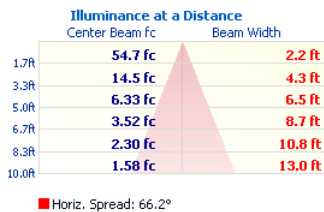
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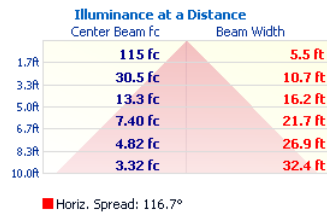
FLAT-R4-18L-D



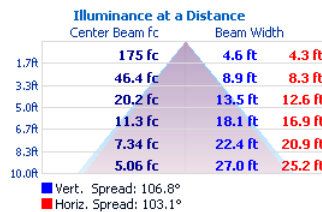
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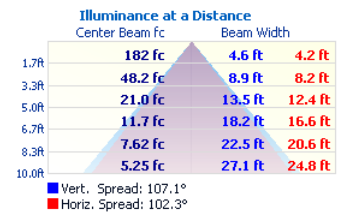
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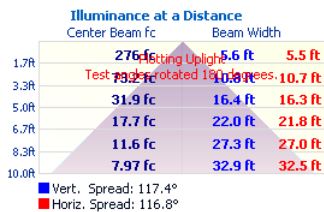
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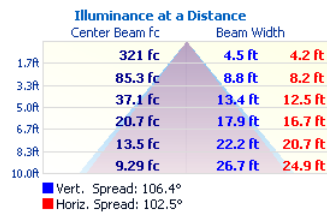
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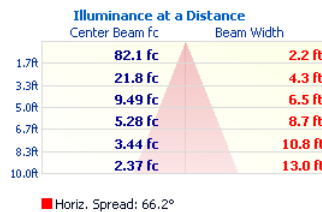
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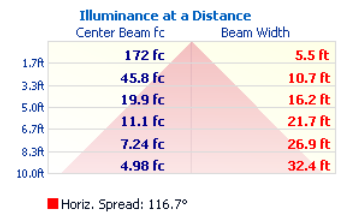
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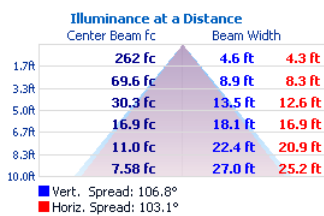
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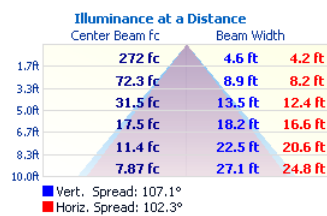
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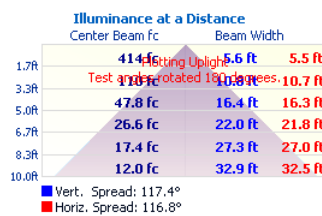
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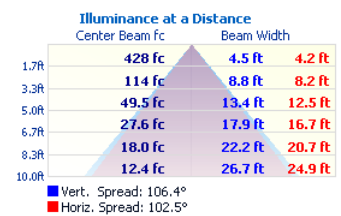
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FLAT-R4-27L-I

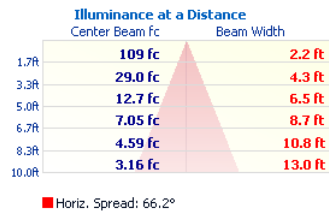


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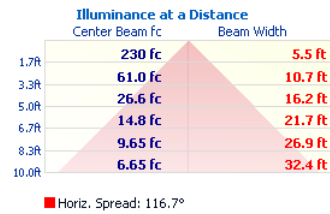


FLAT

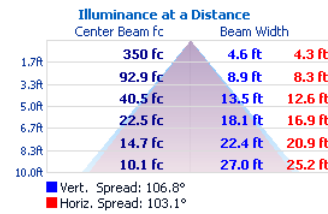
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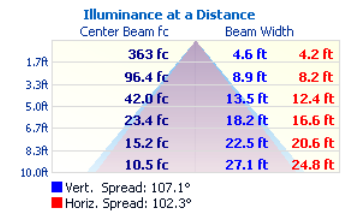
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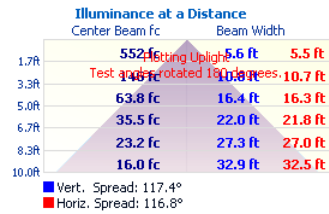
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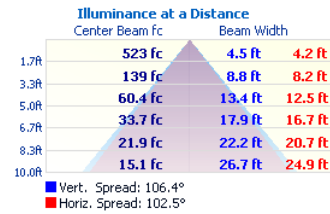
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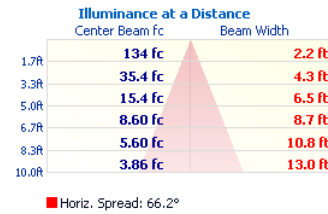
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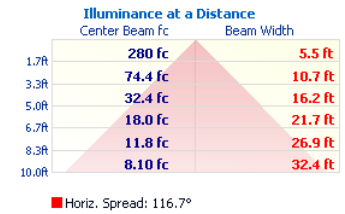
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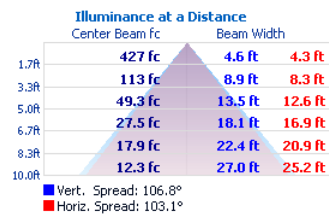
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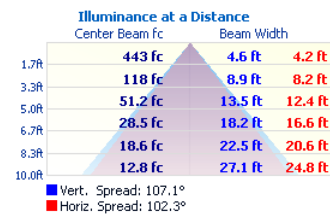
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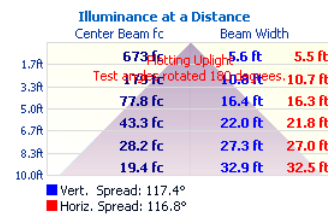
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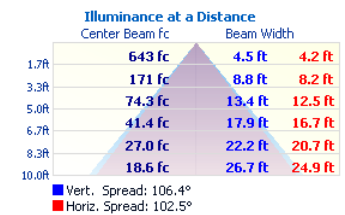
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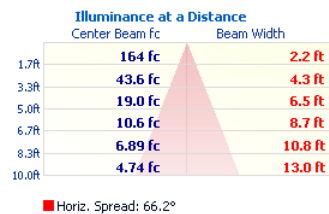
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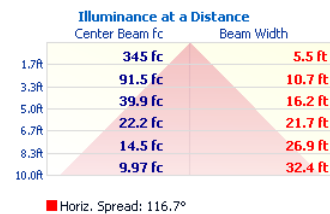
FLAT-R4-54L-D



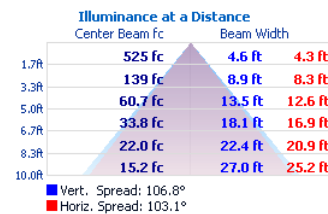
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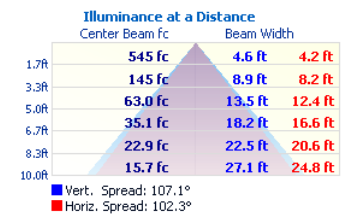
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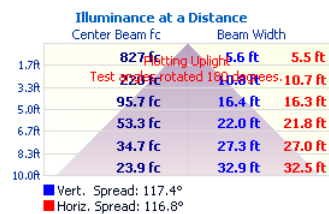
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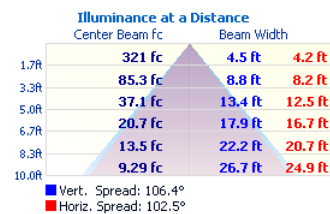
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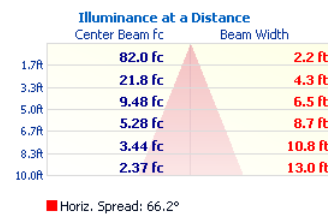
FLAT-R4-54L-I



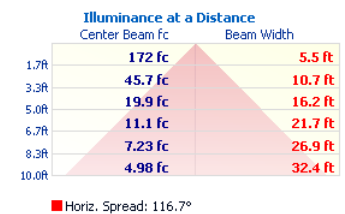
FLAT-R6-18L-D



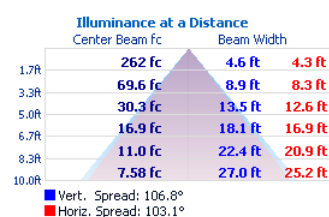
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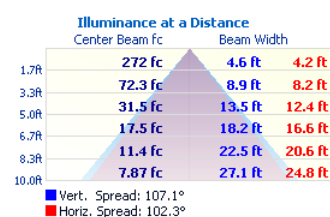
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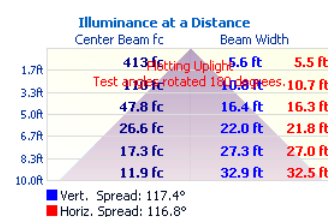
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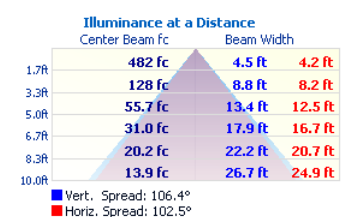
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FLAT-R6-18L-I

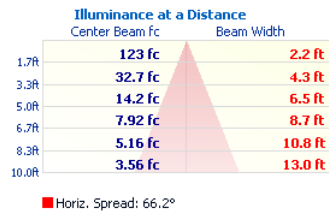


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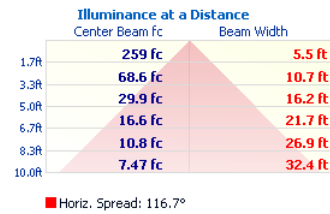


FLAT

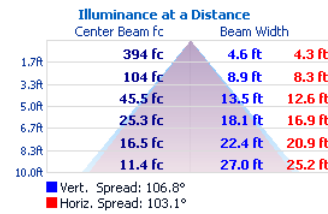
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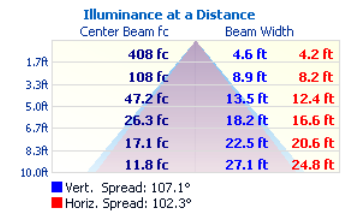
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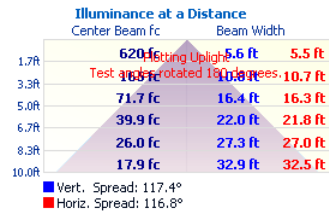
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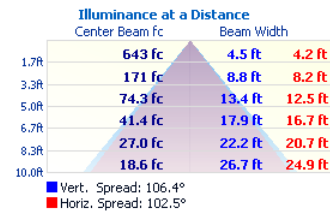
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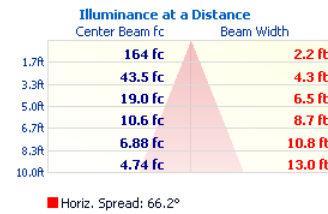
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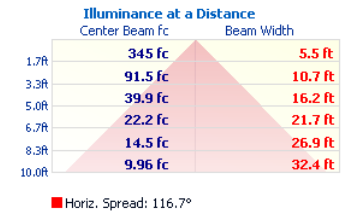
FLAT-R6-36L-D



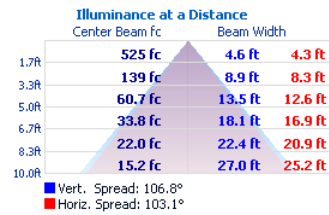
FLAT-R6-36L-DI25



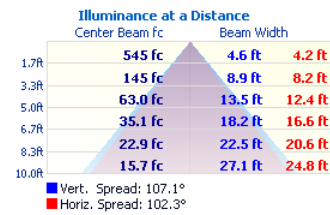
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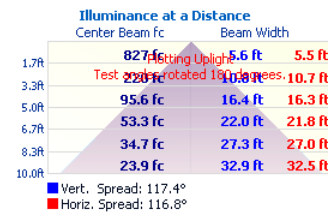
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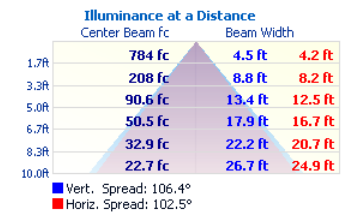
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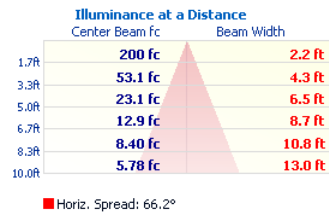
FLAT-R6-36L-I



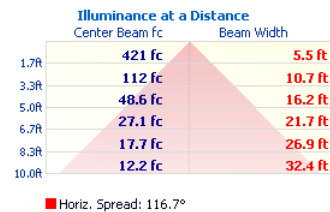
FLAT-R6-44L-D



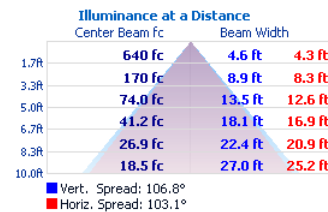
FLAT-R6-44L-DI25



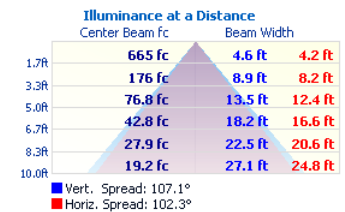
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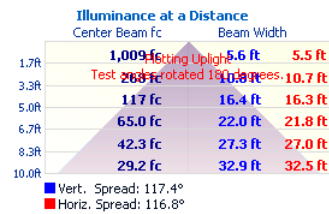
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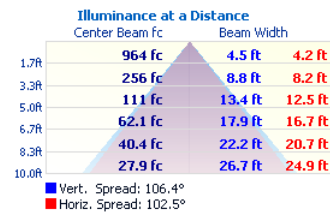
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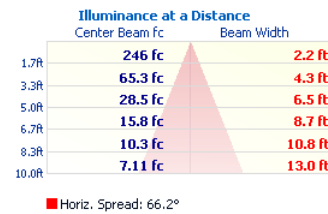
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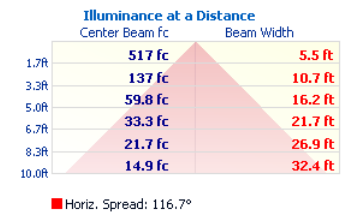
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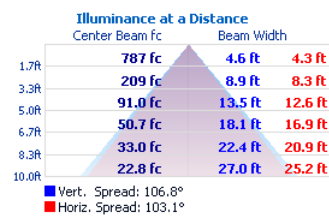
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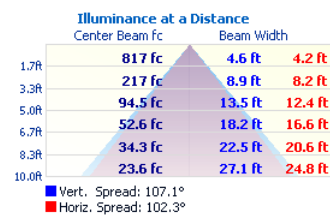
FLAT-R6-54L-DI40



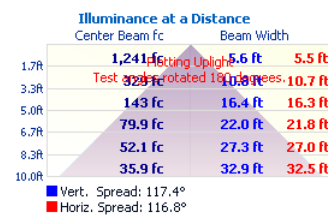
FLAT-R6-54L-DI55



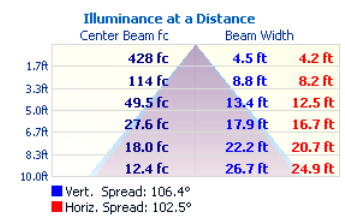
FLAT-R6-54L-DI85



FLAT-R6-54L-I

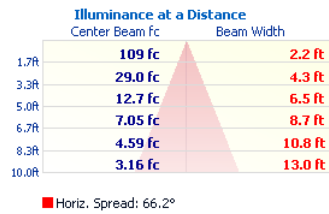


FLAT-R8-18L-D

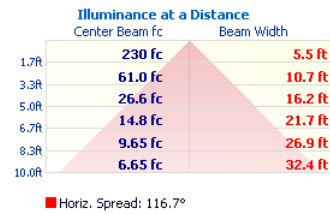


FLAT

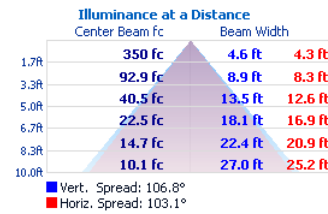
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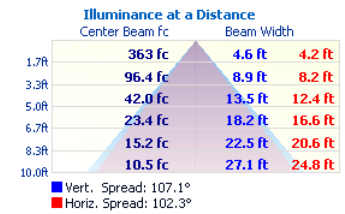
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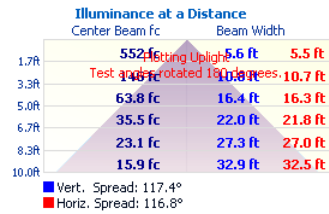
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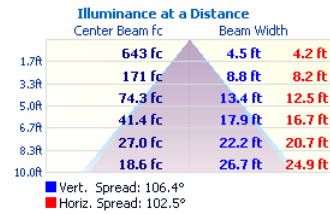
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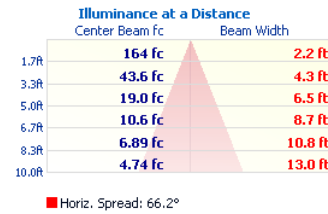
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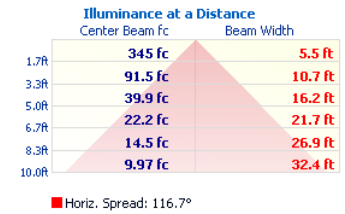
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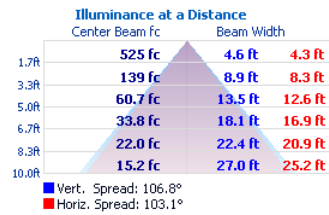
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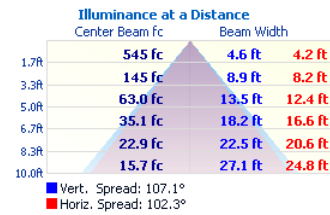
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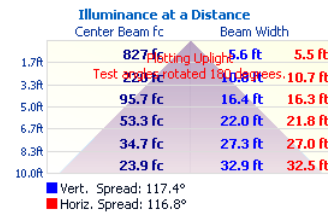
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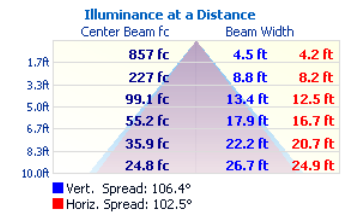
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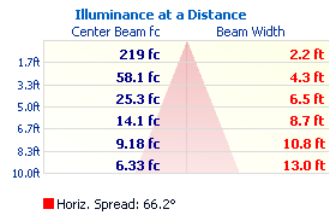
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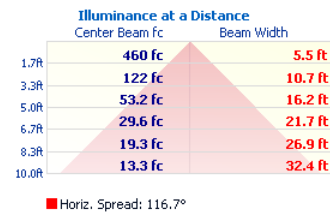
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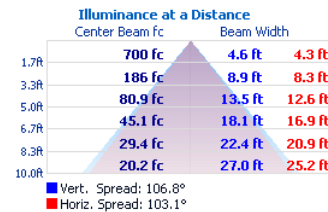
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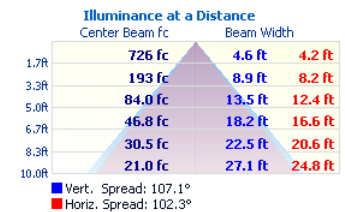
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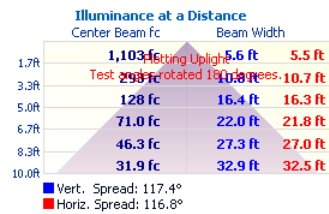
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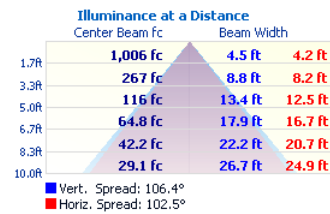
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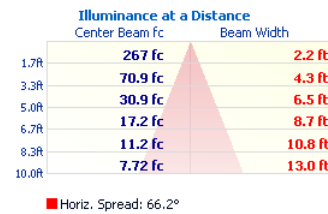
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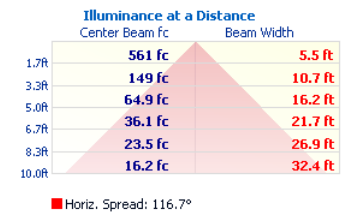
FLAT-R8-44L-D



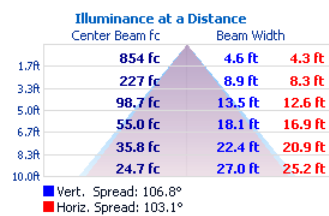
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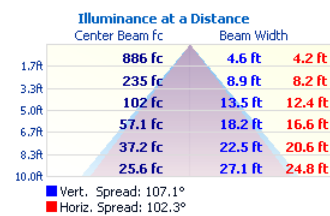
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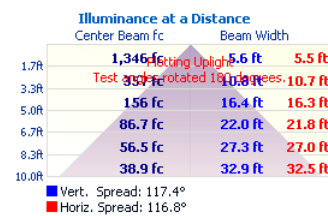
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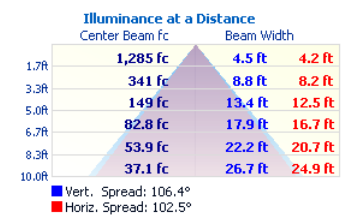
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FLAT-R8-44L-I

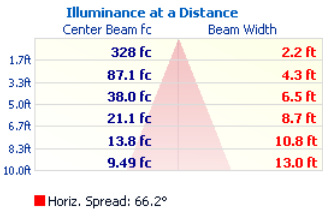


FLAT-R8-54L-D

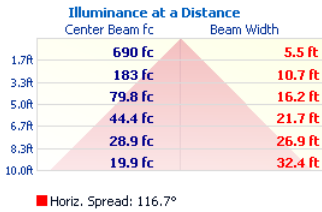


FLAT

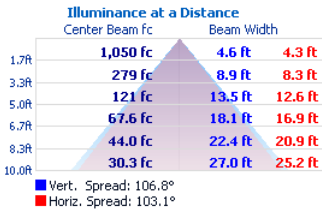
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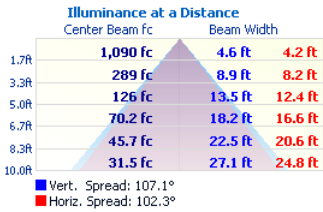
FLAT-R8-54L-DI40



FLAT-R8-54L-DI55



FLAT-R8-54L-DI85



FLAT-R8-54L-I

