



ASCENT

ARCHITECTURAL LIGHTING

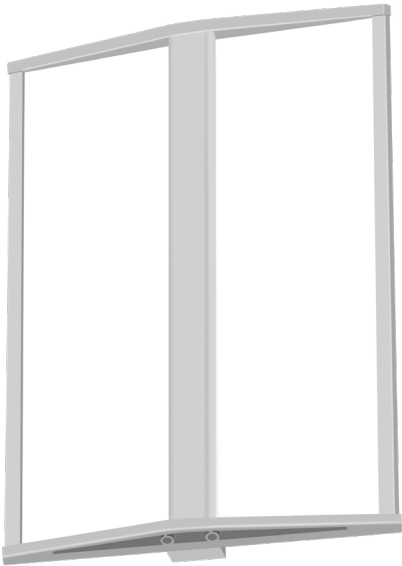
PROJECT

DATE

COMMENTS



IN STOCK



ENERGY CHART

LENGTH feet	WIDTH inches	DELIVERED LUMENS	WATTAGE selectable	EFFICACY lm/w
12	9.85	850 / 1300 / 1750	10 / 15 / 20	87
18	9.85	850 / 1300 / 1750	10 / 15 / 20	87
24	9.85	850 / 1300 / 1750	10 / 15 / 20	87

ORDERING LOGIC				EX: FUJI-12-FS
FAMILY	LENGTH	WATTAGE	CCT	
FUJI			FS	
	12 12"	(blank) Field Selectable 10W / 15W / 20W	FS Field Selectable 3000K / 4000K / 5000K	
	18 18"			
	24 24"			

FUJI ARCHITECTURAL SCONCE LED

The FUJI architectural sconce is perfect for providing subtle design and ambient vertical illumination with comfortable edge-lit optics and a sleek, shallow 2" profile that is ADA compliant. Equipped with field selectable wattage, field selectable CCT, and Damp Location listing, FUJI is the ideal solution to enhance corridors, lobbies, hospitals, restrooms, and open offices. FUJI is available in 12", 18", and 24" lengths for wall mount or surface mount applications and it can be paired with a 48" suspended version. FUJI is easy to install for vertical and horizontal orientations and it is provided with 90CRI and a 1-10V driver that dims to 10% with most 0-10V dimming controls.

- Commercial Office
- Classrooms
- Civic & Transportation

PHYSICAL

Material	Powder Coated Extruded Aluminum
Mounting	Wall
Lens	PMMA
Finish	White

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, cULus
Rated Life	50,000 hours
Operating Temperature	-20°C to 40°C (-4°F to 104°F)
THD	<20%
CCT	Field Selectable: 3000K/3500K/4000K
CRI	90+

ELECTRICAL

Wattage	Field Selectable: 10W/15W/20W
Voltage	110-277V
Power Factor	>0.9
LED Driver	Class 2 High Efficiency
Dimming	1-10V

ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)		EX: FUJI-EM
FAMILY	ACCESSORIES	
FUJI		
	EM 8W Emergency Battery	



ASCENT

ARCHITECTURAL LIGHTING

FUJI ARCHITECTURAL SCONCE LED

SPECIFICATIONS

OPTICS

Ultra-thin semi-transparent light guide made of PMMA material, allows distribution of controlled light in all 3-dimensions to put light on both vertical and horizontal planes within the space.

CONSTRUCTION

Housing: Extruded aluminum

End Cap: Die cast aluminum

Smooth Lens: Uniform acrylic lens

FINISH

Powder coat white finish.

MOUNTING

Horizontal or vertical orientation. Wall mount or surface.

ELECTRICAL

LED Driver: t is powered by Class 2 high efficiency LED driver, with a standard 1-10V dimming that works with many types of controls. Continuous dims to 10% (standard). Compatible with the following types of controls:

- Leviton DD710
- Leviton IP710
- Lutron NTSTV-DV
- Lutron DVSTV
- Legrand RH4FBL3PTC

THD: <20%

Power Factor: >0.9

Input Voltage: Standard electronic drivers are UL recognized and available for 110-277V AC input voltage.

WARRANTY

5-year limited warranty

APPROVALS

- cULus listed-Pending
- Suitable for damp locations
- Designed for indoor use only

LED SYSTEM

CRI: Minimum 90 color rendering index

CCT: CCT adjustable from 3000K, 3500K, 4000K with a great color consistency.

LED: Minimum 50,000h with 87.8% of lumen maintenance in 25°C(77°F) ambient temperature, in compliance with IES LM-80 testing measurements.

Thermal Management: Aluminum housing acting as the heat sink to maximize life.

Environment: Damp rated for ambient operating temperature of -20°C to +40°C (-4°F to +104°F)

OPTIONAL FUNCTION



Emergency Option: Optional high voltage 8W emergency LED driver can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements.

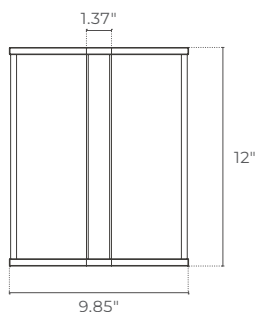
For more info, please visit our website or contact sales.

EMERGENCY LUMEN OUTPUT

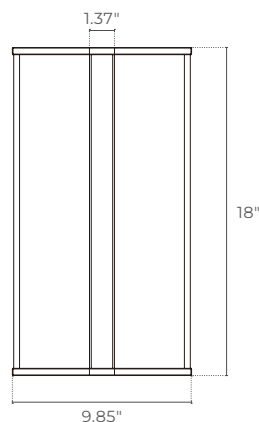
FIXTURE EFFICACY	OUTPUT POWER 8W
88 lm/w	704 Lumens

DIMENSIONS

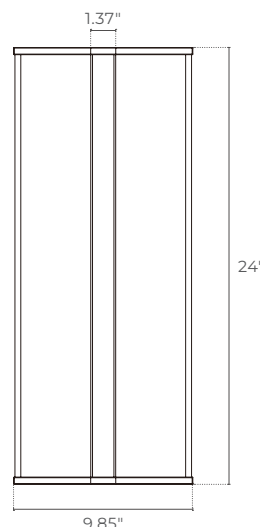
12" PRODUCT



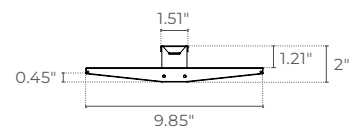
18" PRODUCT



24" PRODUCT



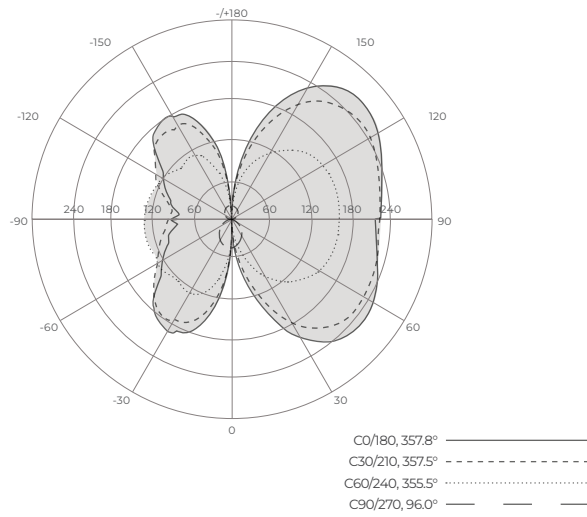
SIDE VIEW





PHOTOMETRICS - 12" - 3000K - 19.89W

AVERAGE BEAM ANGLE (50%): 291.7°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	43804	427
80	22332	360
75	15368	341
70	11989	337
65	9997	338
60	8662	341
55	7664	412
50	6849	471
45	6145	520

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	29.11	21.74	41.80	68.86	85.29
10°	69.27	41.94	40.61	101.7	127.2
15°	109.7	72.08	39.20	126.5	157.5
20°	144.0	97.30	36.17	146.7	179.4
25°	178.8	121.3	32.93	156.2	186.7
30°	205.0	143.8	29.70	157.8	193.5
35°	224.6	163.2	26.81	158.1	188.6
40°	238.6	178.3	23.92	162.0	180.7
45°	247.7	188.4	20.95	159.9	164.1
50°	250.9	195.2	17.26	153.5	140.6
55°	250.6	200.2	13.48	147.8	128.3
60°	246.9	204.7	9.706	146.0	118.4
65°	240.8	207.6	8.141	143.1	109.5
70°	233.7	208.3	6.576	139.5	100.2
75°	226.7	207.0	5.024	137.1	97.74
80°	221.0	205.2	3.567	134.8	89.70
85°	217.6	205.7	2.122	130.5	81.90
90°	216.3	205.4	0.6775	126.8	82.76
95°	225.7	206.6	2.282	129.9	78.34
100°	228.7	207.0	3.886	133.5	86.67
105°	233.3	209.4	5.491	138.0	93.97
110°	240.4	211.3	7.097	142.8	99.35
115°	247.9	212.8	8.704	146.7	109.6
120°	255.5	213.3	10.31	150.9	117.0
125°	260.9	212.0	11.73	154.8	125.5
130°	263.8	208.8	12.98	157.4	145.1
135°	262.8	201.7	14.22	158.4	167.3
140°	256.8	192.3	15.46	160.5	176.3
145°	244.7	179.6	16.43	160.1	180.5
150°	227.2	163.7	17.23	161.3	178.7
155°	203.6	143.1	18.00	155.9	173.9
160°	171.9	119.5	18.78	139.8	158.7
165°	133.5	96.28	19.41	114.5	133.8
170°	97.90	68.54	20.00	80.47	100.4
175°	49.01	38.06	20.59	47.06	50.56
180°	21.18	21.18	21.18	21.18	21.38

DEG LUMINOUS INTENSITY: cd

ZONAL LUMEN SUMMARY

T	Φ TOTAL
0-5	0.9954
5-10	5.181
10-15	14.80
15-20	31.48
20-25	56.11
25-30	88.94
30-35	129.8
35-40	178.0
40-45	232.3
45-50	291.4
50-55	354.3
55-60	420.2
60-65	488.5
65-70	558.5
70-75	629.6
75-80	701.0
80-85	772.7
85-90	844.8
90-95	917.0
95-100	988.9
100-105	1061
105-110	1132
110-115	1204
115-120	1273
120-125	1341
125-130	1406
130-135	1467
135-140	1523
140-145	1572
145-150	1615
150-155	1649
155-160	1674
160-165	1691
165-170	1701
170-175	1705
175-180	1705

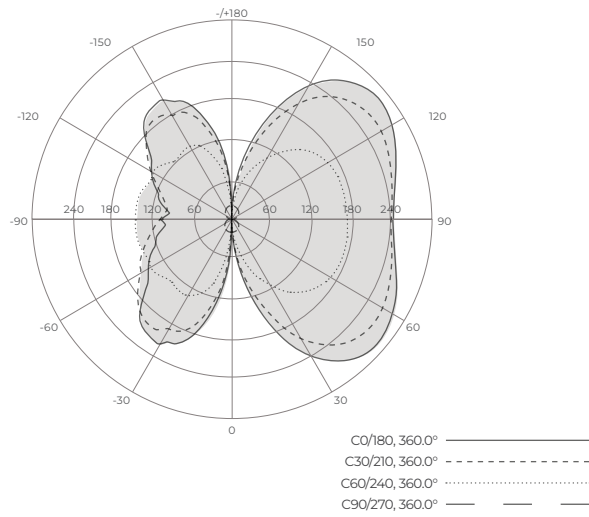
UNIT: lm





PHOTOMETRICS - 18" - 3000K - 19.46W

AVERAGE BEAM ANGLE (50%): 360.0°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	34153	336
80	17487	279
75	12047	262
70	9416	256
65	7880	255
60	6853	256
55	6099	251
50	5491	249
45	4947	249

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	39.44	30.78	19.83	50.47	69.50
10°	85.88	56.38	19.60	91.31	124.0
15°	125.8	87.38	19.33	122.9	160.8
20°	167.7	113.9	18.73	148.0	190.5
25°	206.2	142.1	18.10	164.0	205.8
30°	236.0	168.0	17.46	169.5	217.5
35°	259.3	189.3	16.45	169.5	215.6
40°	275.3	206.6	15.44	177.4	210.7
45°	285.8	217.2	14.40	179.5	195.7
50°	288.3	225.0	13.10	174.1	170.5
55°	285.8	230.0	11.77	164.8	153.3
60°	280.0	232.3	10.45	159.2	144.6
65°	272.1	232.0	8.805	152.5	136.0
70°	263.1	230.4	7.165	144.0	122.9
75°	254.7	228.1	5.531	136.8	118.1
80°	248.1	225.2	3.960	131.7	108.9
85°	243.2	224.1	2.396	129.9	100.6
90°	241.7	222.2	0.8314	128.9	108.8
95°	242.9	223.4	2.405	136.2	95.89
100°	247.3	223.8	3.979	143.8	103.5
105°	253.8	225.8	5.557	148.0	113.5
110°	261.5	227.3	7.173	151.7	118.6
115°	270.2	227.9	8.794	155.8	130.1
120°	277.6	227.3	10.41	161.0	138.5
125°	282.6	224.4	12.19	165.4	147.1
130°	284.5	219.1	13.38	168.7	162.2
135°	280.3	209.5	14.50	172.2	187.1
140°	269.8	196.9	15.61	171.1	201.2
145°	253.7	180.8	17.12	165.7	205.4
150°	230.5	160.6	17.78	164.5	207.0
155°	200.6	135.8	18.32	160.5	195.5
160°	162.3	108.2	18.86	146.2	181.9
165°	121.5	83.61	19.64	122.4	154.7
170°	82.87	52.39	19.76	92.53	120.2
175°	36.90	28.53	19.80	53.63	69.53
180°	19.84	19.84	19.84	19.84	19.67
DEG	LUMINOUS INTENSITY: cd				

ZONAL LUMEN SUMMARY

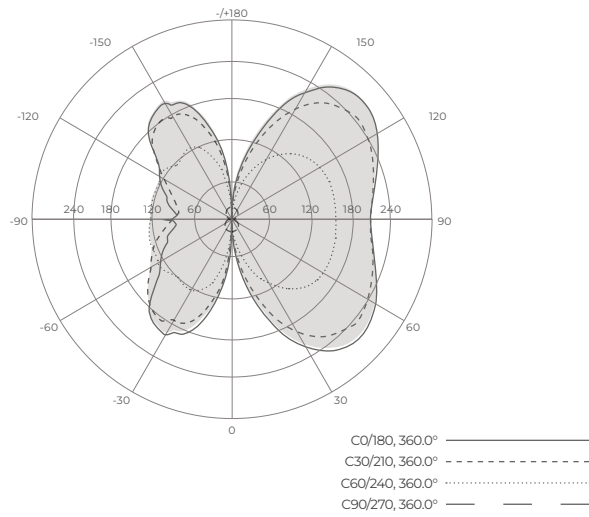
T	Φ TOTAL
0-5	0.7478
5-10	4.726
10-15	14.58
15-20	32.22
20-25	59.03
25-30	95.31
30-35	141.1
35-40	195.7
40-45	257.7
45-50	325.3
50-55	397.3
55-60	472.6
60-65	549.8
65-70	628.5
70-75	707.7
75-80	786.9
80-85	866.1
85-90	945.5
90-95	1025
95-100	1103
100-105	1182
105-110	1260
110-115	1337
115-120	1413
120-125	1487
125-130	1557
130-135	1623
135-140	1683
140-145	1736
145-150	1780
150-155	1815
155-160	1841
160-165	1859
165-170	1868
170-175	1872
175-180	1873
UNIT: lm	





PHOTOMETRICS - 24" - 3000K - 19.34W

AVERAGE BEAM ANGLE (50%): 360.0°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	24253	274
80	12431	223
75	8624	208
70	6789	203
65	5722	201
60	5023	201
55	4510	195
50	4092	192
45	3716	190

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	45.12	35.10	20.98	55.95	77.25
10°	98.35	61.48	20.75	102.1	138.0
15°	140.4	100.4	20.47	136.2	176.3
20°	184.1	127.8	19.85	162.1	206.7
25°	225.4	157.8	19.19	177.8	221.6
30°	256.4	184.6	18.53	182.6	233.7
35°	280.9	206.9	17.55	181.4	229.6
40°	297.4	224.0	16.57	189.7	222.1
45°	304.8	235.2	15.56	188.3	204.0
50°	305.1	242.7	14.29	178.0	174.2
55°	300.0	246.5	12.98	163.9	154.6
60°	291.3	246.6	11.67	153.7	144.0
65°	280.5	244.0	9.859	143.0	134.4
70°	269.4	240.3	8.047	133.9	121.9
75°	258.9	236.9	6.243	127.8	117.1
80°	250.4	232.9	4.501	123.1	107.2
85°	245.2	231.6	2.766	124.2	98.27
90°	243.1	229.4	1.031	126.0	116.4
95°	245.6	231.7	2.675	134.8	96.74
100°	252.2	233.0	4.319	144.0	107.3
105°	260.9	236.9	5.967	150.5	117.9
110°	272.0	240.3	7.646	157.3	123.0
115°	284.0	242.6	9.330	165.6	136.1
120°	295.3	243.9	11.01	174.2	145.8
125°	304.2	243.4	12.57	181.1	156.2
130°	309.5	239.5	13.86	188.5	176.3
135°	208.8	231.9	15.13	194.4	207.3
140°	300.5	219.7	16.39	195.1	224.3
145°	285.2	202.3	17.59	189.2	232.2
150°	258.6	181.1	18.37	189.5	236.7
155°	226.5	153.6	19.10	186.8	226.3
160°	183.6	122.8	19.83	171.2	210.4
165°	138.2	94.43	20.53	144.4	179.2
170°	92.67	56.27	20.72	111.1	139.3
175°	41.60	31.30	20.84	63.97	77.83
180°	20.97	20.97	20.97	20.97	20.63

DEG LUMINOUS INTENSITY: cd

ZONAL LUMEN SUMMARY

T	Φ TOTAL
0-5	0.8098
5-10	5.237
10-15	16.22
15-20	35.69
20-25	65.08
25-30	104.6
30-35	154.2
35-40	212.9
40-45	279.0
45-50	350.7
50-55	426.5
55-60	504.9
60-65	584.9
65-70	665.7
70-75	746.8
75-80	827.6
80-85	908.6
85-90	990.0
90-95	1071
95-100	1152
100-105	1234
105-110	1315
110-115	1396
115-120	1476
120-125	1556
125-130	1632
130-135	1705
135-140	1771
140-145	1830
145-150	1881
150-155	1921
155-160	1951
160-165	1971
165-170	1982
170-175	1986
175-180	1987

UNIT: lm





ADDITIONAL IMAGERY

