A LINE by Liteline

FLEX

LED Light Fixture, 1000-4140 Lumens, 15/22/32/38 Watts

Surface

Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

Description

FLEX series is a high performance LED luminaire with powerful output of 4140 lumens, 95 CRI and smooth sharp cylindrical body with no visible heat sink. Lower energy consumption with crisp, precise CCT, beam control with excellent CRI for various lighting applications, from residential to retail lighting.

Features

Body
Constructed of aluminum, the body features an aesthetically pleasing smooth cylindrical shape.

LED Characteristics
High powered LED array maintains uniform intensity with a typical luminous flux of 1000-4140 lumens, with a typical CRI of 95.

Beam Spread
Fixture lens options available in 15°, 25°, 40° and 60° beam spread.

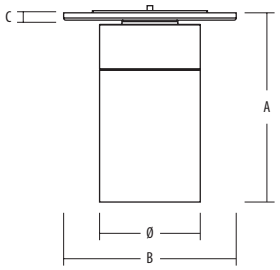
Mounting Options
Direct mounting onto 4" octagonal junction box.

Operating Conditions
For indoor use only.

Quickship Made-To-Order
Made-To-Order products ship within seven business days of an order being released.

CCT	LUMENS				
	10W	15W	22W	32W	38W
2700 K	800	1,220	1,920	2,400	3,420
3000 K	850	1,280	2,020	2,500	3,600
3500 K	900	1,340	2,230	2,600	3,960
4000 K	920	1,480	2,330	3,000	4,140
DTW	700	1,000	–	–	–

Technical Drawings



		Ø	A	B	C
FLX10 FLX15	mm	70	130	120	5
	inches	2¾	5⅛	4¾	3⁄16
FLX22	mm	85	159	120	5
	inches	3⅜	6¼	4¾	3⁄16
FLX32 FLX38	mm	100	175	114	15
	inches	3 15⁄16	7 11⁄16	4½	9⁄16

SPECIFICATION	
Approved Location	Dry / Indoor
Beam Angle	15° / 25° / 40° / 60°
CCT	2700 K / 3000 K / 3500 K / 4000 K / DTW (3000 K - 2000 K)[1]
Certification	cETLus
Class II	Yes
Color	BK / SL / WH
CRI	95
Dimming	Yes: 10W / 15W / 22W / 32W No: 38W[2]
Dimming Tech	TRIAC/ELV/0-10V[3]
Input	120V, 120-277V[4]
Lumens	1000-4140
Lumens per Watt	Up to 109
Power Factor	0.95
Projected Life	70% @ 50,000 hrs
UGR/Glare	Refer to photometric reports
Warranty	5 years
Wattage	10W / 15W / 22W / 32W / 38W

Intertek

LED 5 YEAR WARRANTY

Ordering Guide

FLX - [Wattage] - [Color Temperature] - [Beam Angle] F - [Finish/Control]

Wattage	Color Temperature	Beam Angle	Finish/Control
10 : 10W	**27 :** 2700 K	**15 :** 15°	**BK :** Black
15 : 15W	**30 :** 3000 K	**25 :** 25°	**SL :** Silver
22 : 22W	**35 :** 3500 K	**40 :** 40°	**WH :** White
32 : 32W	**40 :** 4000 K	**60 :** 60°	**BO :** Black, 0-10V control[3,4]
38 : 38W[2]	**DTW :** DTW 3000 K-2000 K[1]		**SO :** Silver, 0-10V control[3,4]
			WO : White, 0-10V control[3,4]

QUICKSHIP 7-DAY
Highlighted option denotes Quickship.

Notes:
[1] DTW available with FLX15 in BK and WH only. [2] FLX38 is not dimmable. [3] 0-10V control available with FLX15 and FLX22 only. [4] 120-277V input available with 0-10V control only. Quickship option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from Quickship section to qualify. Accessories are sold separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Liteline Corporation

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Telephone
416.996.1856
1.866.730.7704

Fax
905.709.5255
1.888.738.9736

LITELINE.COM

Accessories

FLXxx-EXT-xx
4" Extender. Available in Black (BK), Silver (SL) and White (WH).

FLXxx-SN-xx
Snoot to reduce glare and focuses projected light from light source. Available in Black (BK), Silver (SL) and White (WH).

FLXxx-HC-xx
Honeycomb louver with ring to reduce glare from light source. Available in Black (BK), Silver (SL) and White (WH).

FLXxx-TIR-TOOL[1]
In-field optic replacement tool.

FLXxx-SL-LENS[2]
Soft lens.

FLXxx-LINEAR-LENS[2]
Linear spread lens.

FLXxx-TIR15[3]
TIR lens, 15° beam spread.

FLXxx-TIR25[3]
TIR lens, 25° beam spread.

FLXxx-TIR40[3]
TIR lens, 40° beam spread.

FLXxx-TIR60[3]
TIR lens, 60° beam spread.

Notes:
[1] Can be used to replace accessories in the field (except FLXxx-EXT-xx). Available for FLX15 and FLX22. [2] Lenses are designed to be installed in the corresponding FLXxx-HC ring (from FLXxx-HC-xx) when installation of lenses is required in the field (FLXxx-HC-xx sold separately). [3] FLX38-TIRxx lens used for both FLX32 and FLX38 heads.

Ordering Guide (Complete with assembled accessories – must select at least one accessory)

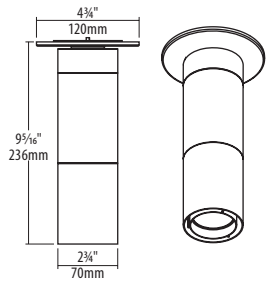
	Wattage	Color Temp.	Beam Angle		Finish/Control	Cylinder Extension	Mounting Accessory	Optical Accessory	Lens
FLX				F					
QUICKSHIP 7-DAY	**10 :** 10W	**27 :** 2700 K	**15 :** 15°		**BK :** Black	**N :** No extender	**ST :** No mounting accessory	**A :** No optical accessory	**F :** No lens
	15 : 15W	**30 :** 3000 K	**25 :** 25°		**SL :** Silver	**X :** Cylindrical body extender, 4"		**S :** Snoot	**L :** Linear lens
	22 : 22W	**35 :** 3500 K	**40 :** 40°		**WH :** White				**T :** Soft lens
	32 : 32W	**40 :** 4000 K	**60 :** 60°		**BO :** Black, 0-10V control[3]				**H :** Honeycomb louver
	38 : 38W[1]	**DTW :** DTW 3000 K-2000 K[2]			**SO :** Silver, 0-10V control[3]				
					WO : White, 0-10V control[3]				

Highlighted option denotes Quickship.

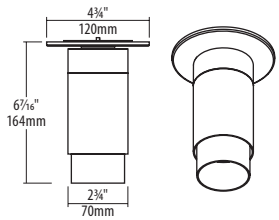
Notes:
[1] FLX38 is not dimmable. [2] DTW available with FLX15 in BK and WH finish only. [3] 0-10V control available With FLX15 and FLX22 only. Quickship option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from Quickship section to qualify.
Accessories are sold separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Technical Drawings (Assembled accessories)

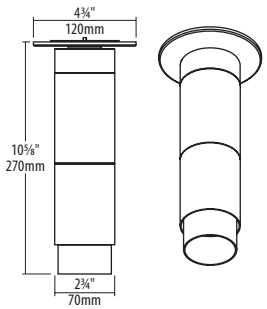
With extender only



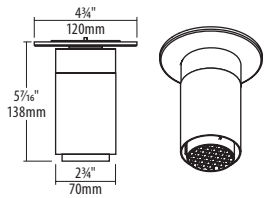
With snoot



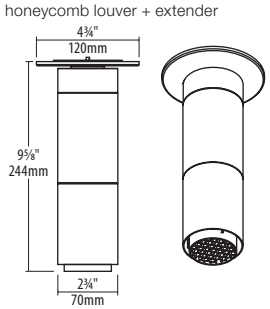
With snoot + extender



With honeycomb louver



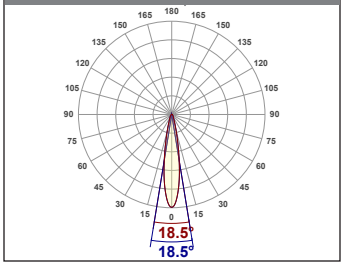
With honeycomb louver + extender



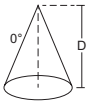
Photometry

FLX10-3015 : FLEX fixture, 10W, 3000 K, 15° beam spread.

Polar Candela Distribution



Beam Details



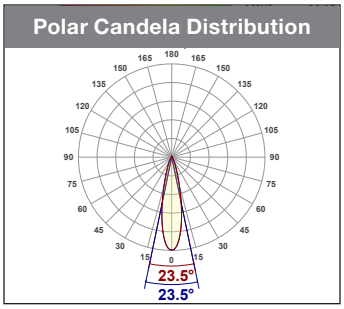
D	Lux	FC	L	W
4'	2818	262	1.3'	1.3'
8'	704	65	2.6'	2.6'
12'	313	29	3.9'	3.9'
16'	176	16	5.2'	5.2'
20'	113	10	6.5'	6.5'

Zonal Lumen Summary

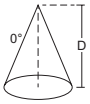
Zone	Lumens	% Luminaire
0-30	613	73.15%
0-40	689	82.22%
0-60	798	95.23%
60-90	37.8	4.51%
70-100	10.9	1.30%
90-120	0.9	0.11%
0-90	836	99.76%
90-180	2.13	0.25%
0-180	838	100.00%

FLX10-3025 : FLEX fixture, 10W, 3000 K, 25° beam spread.

Polar Candela Distribution



Beam Details



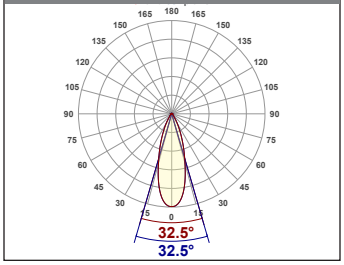
D	Lux	FC	L	W
4'	2378	221	1.7'	1.7'
8'	595	55	3.3'	3.3'
12'	264	25	5'	5'
16'	149	14	6.6'	6.6'
20'	95	9	8.3'	8.3'

Zonal Lumen Summary

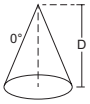
Zone	Lumens	% Luminaire
0-30	727	84.34%
0-40	784	90.95%
0-60	838	97.22%
60-90	22.1	2.56%
70-100	7.87	0.91%
90-120	1.15	0.13%
0-90	860	99.77%
90-180	2.69	0.31%
0-180	862	100.00%

FLX10-3040 : FLEX fixture, 10W, 3000 K, 40° beam spread.

Polar Candela Distribution



Beam Details



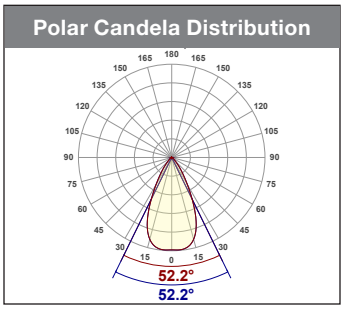
D	Lux	FC	L	W
4'	1365	127	2.3'	2.3'
8'	341	32	4.7'	4.7'
12'	152	14	7'	7'
16'	85	8	9.3'	9.3'
20'	55	5	11.6'	11.6'

Zonal Lumen Summary

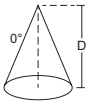
Zone	Lumens	% Luminaire
0-30	686	80.33%
0-40	768	89.93%
0-60	831	97.31%
60-90	20.4	2.39%
70-100	8.63	1.01%
90-120	0.856	0.10%
0-90	852	99.77%
90-180	2.22	0.26%
0-180	854	100.00%

FLX10-3060 : FLEX fixture, 10W, 3000 K, 60° beam spread.

Polar Candela Distribution



Beam Details



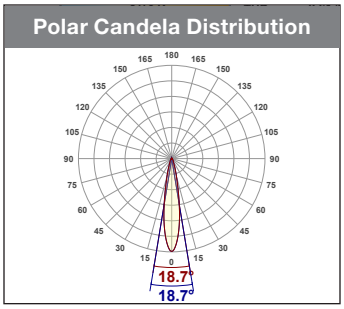
D	Lux	FC	L	W
4'	698	65	3.9'	3.9'
8'	175	16	7.8'	7.8'
12'	78	7	11.8'	11.8'
16'	44	4	15.7'	15.7'
20'	28	3	19.6'	19.6'

Zonal Lumen Summary

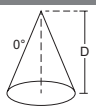
Zone	Lumens	% Luminaire
0-30	622	73.44%
0-40	752	88.78%
0-60	823	97.17%
60-90	21.1	2.49%
70-100	7.58	0.89%
90-120	0.963	0.11%
0-90	844	99.65%
90-180	2.52	0.30%
0-180	847	100.00%

FLX15-3015 : FLEX fixture, 15W, 3000 K, 15° beam spread.

Polar Candela Distribution



Beam Details



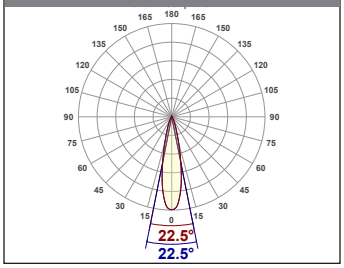
D	Lux	FC	L	W
4'	4316	401	1.3'	1.3'
8'	1079	100	2.6'	2.6'
12'	480	45	3.9'	3.9'
16'	270	25	5.3'	5.3'
20'	173	16	6.6'	6.6'

Zonal Lumen Summary

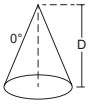
Zone	Lumens	% Luminaire
0-30	947	74.80%
0-40	1058	83.57%
0-60	1197	94.55%
60-90	48.9	3.86%
70-100	19.5	1.54%
90-120	8.56	0.68%
0-90	1246	98.42%
90-180	19.3	1.52%
0-180	1266	100.00%

FLX15-3025 : FLEX fixture, 15W, 3000 K, 25° beam spread.

Polar Candela Distribution



Beam Details



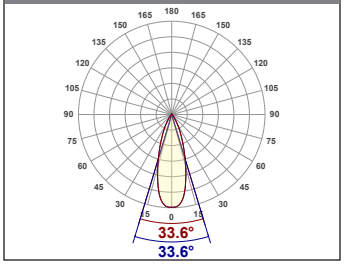
D	Lux	FC	L	W
4'	3918	364	1.6'	1.6'
8'	980	91	3.2'	3.2'
12'	435	40	4.8'	4.8'
16'	245	23	6.4'	6.4'
20'	157	15	8'	8'

Zonal Lumen Summary

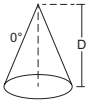
Zone	Lumens	% Luminaire
0-30	1107	84.83%
0-40	1178	90.27%
0-60	1247	95.56%
60-90	36.9	2.83%
70-100	17.7	1.36%
90-120	9.11	0.70%
0-90	1284	98.39%
90-180	21.0	1.61%
0-180	1305	100.00%

FLX15-3040 : FLEX fixture, 15W, 3000 K, 40° beam spread.

Polar Candela Distribution



Beam Details



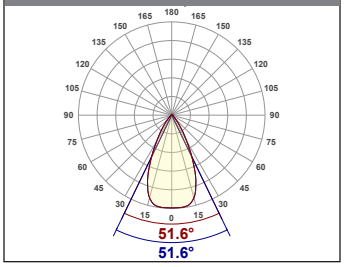
D	Lux	FC	L	W
4'	1829	170	2.4'	2.4'
8'	457	42	4.8'	4.8'
12'	203	19	7.2'	7.2'
16'	114	11	9.7'	9.7'
20'	73	7	12.1'	12.1'

Zonal Lumen Summary

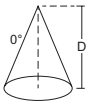
Zone	Lumens	% Luminaire
0-30	463	37.70%
0-40	673	54.80%
0-60	956	77.85%
60-90	147	11.97%
70-100	93.4	7.61%
90-120	53.1	4.32%
0-90	1103	89.82%
90-180	81.7	6.65%
0-180	1228	100.00%

FLX15-3060 : FLEX fixture, 15W, 3000 K, 60° beam spread.

Polar Candela Distribution



Beam Details



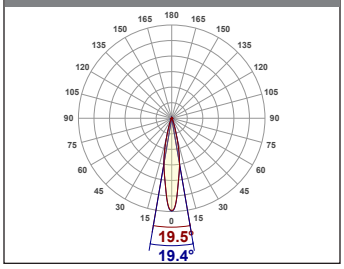
D	Lux	FC	L	W
4'	1068	99	3.9'	3.9'
8'	267	25	7.7'	7.7'
12'	119	11	11.6'	11.6'
16'	67	6	15.5'	15.5'
20'	43	4	19.3'	19.3'

Zonal Lumen Summary

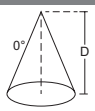
Zone	Lumens	% Luminaire
0-30	938	73.51%
0-40	1127	88.32%
0-60	1225	96.00%
60-90	28.3	2.22%
70-100	15.1	1.18%
90-120	9.99	0.78%
0-90	1253	98.20%
90-180	22.6	1.77%
0-180	1276	100.00%

FLX22-3015 : FLEX fixture, 22W, 3000 K, 15° beam spread.

Polar Candela Distribution



Beam Details



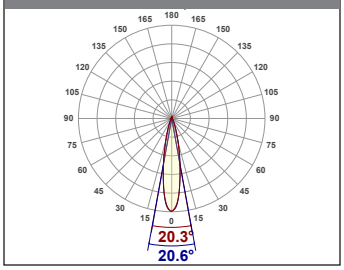
D	Lux	FC	L	W
4'	8212	763	1.4'	1.4'
8'	2053	191	2.7'	2.7'
12'	912	85	4.1'	4.1'
16'	513	48	5.4'	5.4'
20'	328	31	6.8'	6.8'

Zonal Lumen Summary

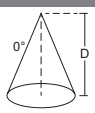
Zone	Lumens	% Luminaire
0-30	1749	85.78%
0-40	1855	90.98%
0-60	1968	96.52%
60-90	50.8	2.49%
70-100	21.7	1.06%
90-120	8.37	0.41%
0-90	2019	99.02%
90-180	20.1	0.99%
0-180	2039	100.00%

FLX22-3025 : FLEX fixture, 22W, 3000 K, 25° beam spread.

Polar Candela Distribution



Beam Details



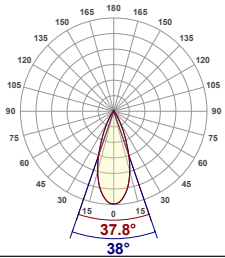
D	Lux	FC	L	W
4'	7272	676	1.4'	1.4'
8'	1818	169	2.9'	2.9'
12'	808	75	4.3'	4.3'
16'	454	42	5.8'	5.8'
20'	291	27	7.2'	7.2'

Zonal Lumen Summary

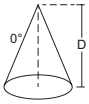
Zone	Lumens	% Luminaire
0-30	1863	85.81%
0-40	1993	91.80%
0-60	2104	96.91%
60-90	42.5	1.96%
70-100	18.0	0.83%
90-120	8.77	0.40%
0-90	2147	98.89%
90-180	24.0	1.11%
0-180	2171	100.00%

FLX22-3040 : FLEX fixture, 22W, 3000 K, 40° beam spread.

Polar Candela Distribution



Beam Details



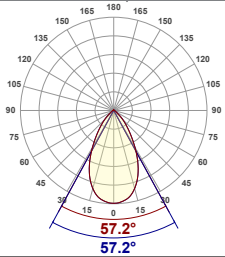
D	Lux	FC	L	W
4'	3238	301	2.7'	2.7'
8'	809	75	5.5'	5.5'
12'	360	33	8.2'	8.2'
16'	202	19	11'	11'
20'	130	12	13.7'	13.7'

Zonal Lumen Summary

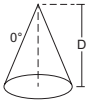
Zone	Lumens	% Luminaire
0-30	1875	84.19%
0-40	2074	93.13%
0-60	2170	97.44%
60-90	34.3	1.54%
70-100	16.3	0.73%
90-120	8.61	0.39%
0-90	2204	98.97%
90-180	22.9	1.03%
0-180	2227	100.00%

FLX22-3060 : FLEX fixture, 22W, 3000 K, 60° beam spread.

Polar Candela Distribution



Beam Details



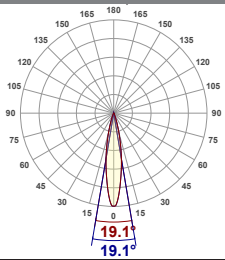
D	Lux	FC	L	W
4'	1340	124	4.4'	4.4'
8'	335	31	8.7'	8.7'
12'	149	14	13.1'	13.1'
16'	84	8	17.5'	17.5'
20'	54	5	21.8'	21.8'

Zonal Lumen Summary

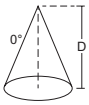
Zone	Lumens	% Luminaire
0-30	1224	60.74%
0-40	1623	80.55%
0-60	1918	95.19%
60-90	73.2	3.63%
70-100	31.3	1.55%
90-120	9.63	0.48%
0-90	1991	98.81%
90-180	23.9	1.19%
0-180	2015	100.00%

FLX32-3015 : FLEX fixture, 32W, 3000 K, 15° beam spread.

Polar Candela Distribution



Beam Details



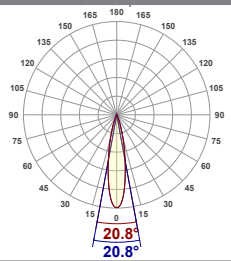
D	Lux	FC	L	W
4'	10121	940	1.3'	1.3'
8'	2530	235	2.7'	2.7'
12'	1125	104	4'	4'
16'	633	59	5.4'	5.4'
20'	405	38	6.7'	6.7'

Zonal Lumen Summary

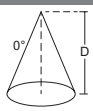
Zone	Lumens	% Luminaire
0-30	2083	88.49%
0-40	2168	92.10%
0-60	2292	97.37%
60-90	61.7	2.62%
70-100	21.7	0.92%
90-120	0.138	0.01%
0-90	2354	100.00%
90-180	0.138	0.01%
0-180	2354	100.00%

FLX32-3025 : FLEX fixture, 32W, 3000 K, 25° beam spread.

Polar Candela Distribution



Beam Details



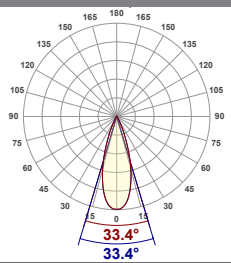
D	Lux	FC	L	W
4'	8870	824	1.5'	1.5'
8'	2218	206	2.9'	2.9'
12'	986	92	4.4'	4.4'
16'	554	52	5.9'	5.9'
20'	355	33	7.3'	7.3'

Zonal Lumen Summary

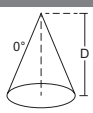
Zone	Lumens	% Luminaire
0-30	2137	86.94%
0-40	2238	91.05%
0-60	2390	97.23%
60-90	57.6	2.34%
70-100	22.1	0.90%
90-120	7.41	0.30%
0-90	2447	99.55%
90-180	10.4	0.42%
0-180	2458	100.00%

FLX32-3040 : FLEX fixture, 32W, 3000 K, 40° beam spread.

Polar Candela Distribution



Beam Details



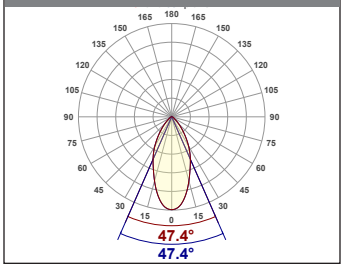
D	Lux	FC	L	W
4'	4673	434	2.4'	2.4'
8'	1168	109	4.8'	4.8'
12'	519	48	7.2'	7.2'
16'	292	27	9.6'	9.6'
20'	187	17	12'	12'

Zonal Lumen Summary

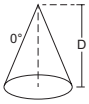
Zone	Lumens	% Luminaire
0-30	2179	87.19%
0-40	2302	92.12%
0-60	2433	97.36%
60-90	66.0	2.64%
70-100	24.8	0.99%
90-120	0.26	0.01%
0-90	2499	100.00%
90-180	0.26	0.01%
0-180	2499	100.00%

FLX32-3060 : FLEX fixture, 32W, 3000 K, 60° beam spread.

Polar Candela Distribution



Beam Details



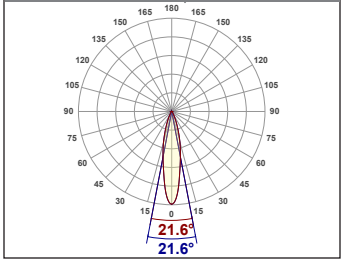
D	Lux	FC	L	W
4'	1828	170	3.5'	3.5'
8'	457	42	7'	7'
12'	203	19	10.5'	10.5'
16'	114	11	14.1'	14.1'
20'	73	7	17.6'	17.6'

Zonal Lumen Summary

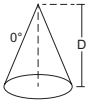
Zone	Lumens	% Luminaire
0-30	1369	61.72%
0-40	1804	81.33%
0-60	2121	95.63%
60-90	97.0	4.37%
70-100	43.5	1.96%
90-120	0.169	0.01%
0-90	2218	100.00%
90-180	0.169	0.01%
0-180	2218	100.00%

FLX38-3015 : FLEX fixture, 38W, 3000 K, 15° beam spread.

Polar Candela Distribution



Beam Details



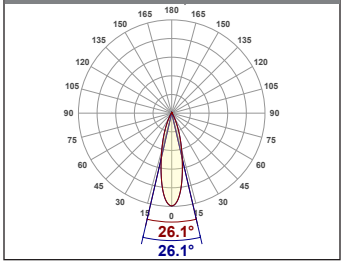
D	Lux	FC	L	W
4'	11134	1034	1.5'	1.5'
8'	2784	259	3.1'	3.1'
12'	1237	115	4.6'	4.6'
16'	696	65	6.1'	6.1'
20'	445	41	7.6'	7.6'

Zonal Lumen Summary

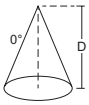
Zone	Lumens	% Luminaire
0-30	3363	82.87%
0-40	3599	88.69%
0-60	3882	95.66%
60-90	147	3.62%
70-100	54.0	1.33%
90-120	9.46	0.23%
0-90	4030	99.31%
90-180	28.0	0.69%
0-180	4058	100.00%

FLX38-3025 : FLEX fixture, 38W, 3000 K, 25° beam spread.

Polar Candela Distribution



Beam Details



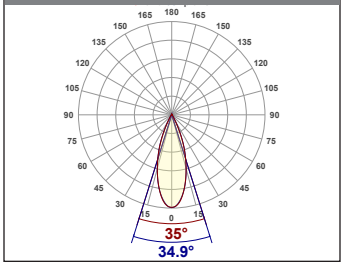
D	Lux	FC	L	W
4'	9395	873	1.9'	1.9'
8'	2349	218	3.7'	3.7'
12'	1044	97	5.6'	5.6'
16'	587	55	7.4'	7.4'
20'	376	35	9.3'	9.3'

Zonal Lumen Summary

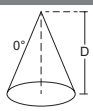
Zone	Lumens	% Luminaire
0-30	3488	84.60%
0-40	3764	91.29%
0-60	4013	97.33%
60-90	86.4	2.10%
70-100	31.4	0.76%
90-120	8.26	0.20%
0-90	4099	99.42%
90-180	24.1	0.58%
0-180	4123	100.00%

FLX38-3040 : FLEX fixture, 38W, 3000 K, 40° beam spread.

Polar Candela Distribution



Beam Details



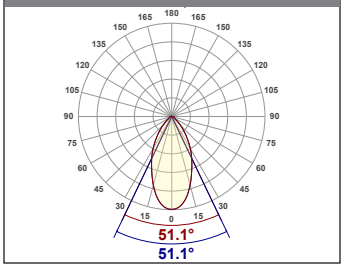
D	Lux	FC	L	W
4'	6909	642	2.5'	2.5'
8'	1727	160	5'	5'
12'	768	71	7.6'	7.6'
16'	432	40	10.1'	10.1'
20'	276	26	12.6'	12.6'

Zonal Lumen Summary

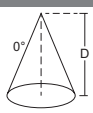
Zone	Lumens	% Luminaire
0-30	3546	84.83%
0-40	3796	90.81%
0-60	4030	96.41%
60-90	117	2.80%
70-100	48.4	1.16%
90-120	10.2	0.24%
0-90	4147	99.21%
90-180	32.9	0.79%
0-180	4180	100.00%

FLX38-3060 : FLEX fixture, 38W, 3000 K, 60° beam spread.

Polar Candela Distribution



Beam Details



D	Lux	FC	L	W
4'	2612	243	3.8'	3.8'
8'	653	61	7.6'	7.6'
12'	290	27	11.5'	11.5'
16'	163	15	15.3'	15.3'
20'	104	10	19.1'	19.1'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2086	58.04%
0-40	2801	77.97%
0-60	3377	93.96%
60-90	187	5.20%
70-100	89.4	2.49%
90-120	11.3	0.31%
0-90	3564	99.17%
90-180	30.1	0.84%
0-180	3594	100.00%