

FLEX

LED Light Fixture, 2000-4660 Lumens, 30/44 Watts
Surface

Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

Description

FLEX series is a high performance LED luminaire with powerful output of 4660 lumens per dual head, 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 2000-4660 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 3/2" or 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.

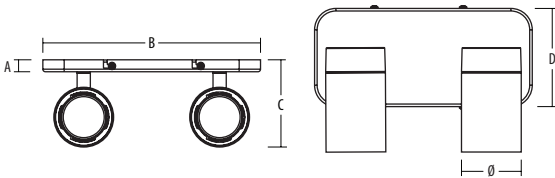
CCT	LUMENS					
	PER HEAD			PER DUAL HEAD		
	10W	15W	22W	10W	15W	22W
2700 K	800	1,220	1,920	1,600	2,440	3,840
3000 K	850	1,280	2,020	1,700	2,560	4,040
3500 K	90	1,340	2,230	1,800	2,680	4,460
4000 K	920	1,480	2,330	1,840	2,960	4,660
DTW	700	1,000	-	1,400	2,000	-



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
Dimming Tech	TRIAC/ELV/0-10V ²
Input	100-135V AC, 60Hz
Lumens	Up to 4660 (per dual head)
Lumens per Watt	Up to 106
Power Factor	0.95
Projected Life	70% @ 50,000 hrs
UGR/Glare	Refer to photometric reports
Warranty	5 years
Wattage	20W / 30W / 44W (per dual head)

Technical Drawings



		Ø	A	B	C	D
FLX10	mm	70	14	255	104	115
FLX15	inches	2¾	⅝	10⅞	4⅞	6⅞
FLX22	mm	85	14	255	122	115
	inches	3⅜	⅝	10⅞	4⅞	6⅞



Ordering Guide

Wattage	Color Temperature	Beam Angle	Finish/Control
FLX <input type="text"/>	- <input type="text"/>	<input type="text"/>	D - <input type="text"/>
10 : 10W 15 : 15W 22 : 22W	27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K DTW : DTW 3000 K-2000 K ¹	15 : 15° 25 : 25° 40 : 40° 60 : 60°	BK : Black WH : White BO : Black, 0-10V control ² WO : White, 0-10V control ² SL : Silver SO : Silver, 0-10V control ²



Highlighted option denotes Quickship.

Notes:

¹ DTW available with FLX15 in BK and WH finish only. ² 0-10V control available with 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.

Accessories



FLX15-BD-xx¹
Barn doors accessory to facilitate shaping of the light beam. Available in Black (BK), Silver (SL) and White (WH).



FLX15-SNO-xx¹
Oval snoot to reduce glare and shape the coverage of the illuminated area. 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-TOOL²
In-field optic replacement tool.



FLXxx-SL-LENS³
Soft lens.



FLXxx-LINEAR-LENS³
Linear spread lens.



FLXxx-TIR15⁴
TIR lens, 15° beam spread.

FLXxx-TIR25⁴
TIR lens, 25° beam spread.

FLXxx-TIR40⁴
TIR lens, 40° beam spread.

FLXxx-TIR60⁴
TIR lens, 60° beam spread.

Notes:

¹ Available only for FLX15. ² Can be used to replace accessories in the field. Available for FLX15 and FLX22. ³ 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). ⁴ FLX38-TIRxx lens used for both FLX32 and FLX38 heads.

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

FLX	Wattage	Color Temp.	Beam Angle	D	Finish/Control	Cylinder Extension	Mounting Accessory	Optical Accessory	Lens
	10 : 10W 15 : 15W 22 : 22W	27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K DTW : DTW 3000 K-2000 K ¹	15 : 15° 25 : 25° 40 : 40° 60 : 60°		BK : Black WH : White BO : Black, 0-10V control ² WO : White, 0-10V control ² SL : Silver SO : Silver, 0-10V control ²	N : No extender	ST : No mounting accessory	A : No optical accessory B : Barn door ³ S : Snoot O : Oval snoot ³	F : No lens L : Linear lens T : Soft lens H : Honeycomb louver



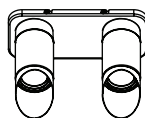
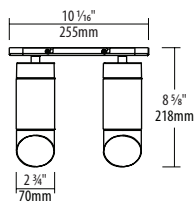
Highlighted option denotes Quickship.

Notes:

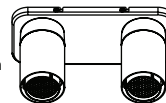
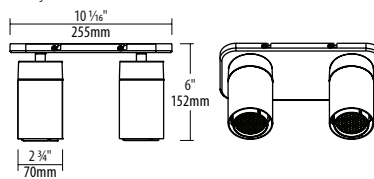
¹ DTW available with FLX15 in BK and WH finish only. ² 0-10V control available With FLX22 only. ³ Available with FLX15 only. Quickship option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from Quickship section to qualify. Accessories are 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 oval snoot

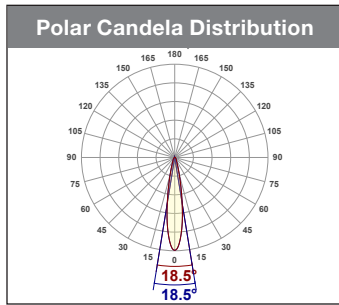


With honeycomb louver



Photometry

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



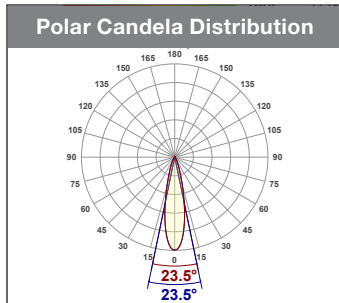
Beam Details

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.



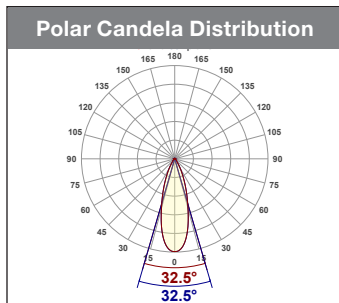
Beam Details

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.



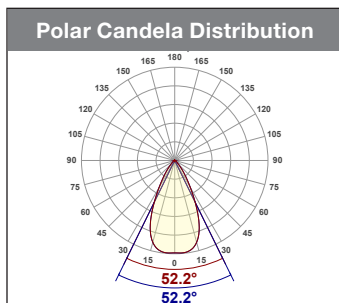
Beam Details

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.



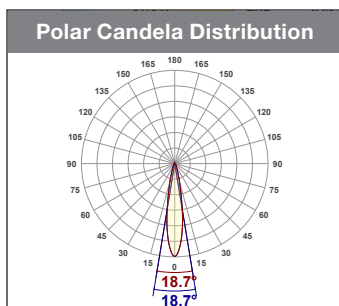
Beam Details

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.



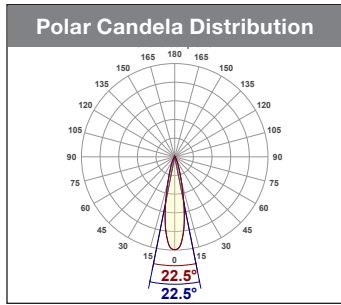
Beam Details

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.



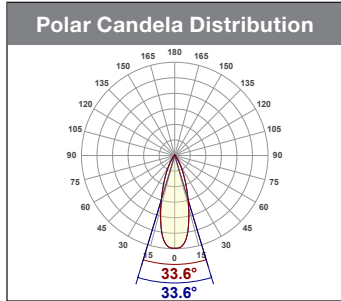
Beam Details

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.



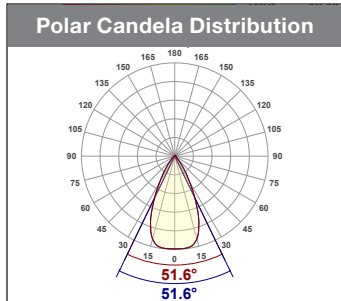
Beam Details

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.



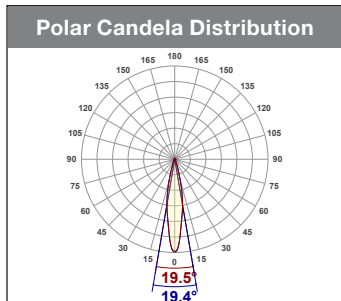
Beam Details

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.



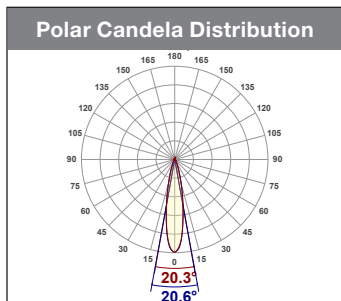
Beam Details

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.



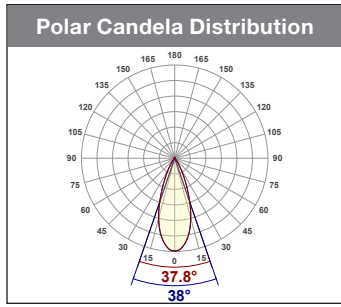
Beam Details

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%

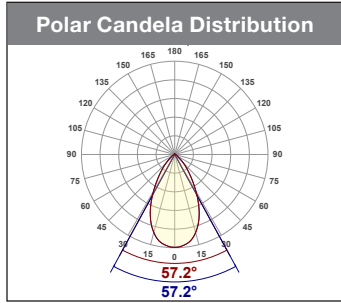
FLX22-3040 : FLEX fixture, 22W, 3000 K, 40° beam spread.



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.



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%