

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 3½" 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.

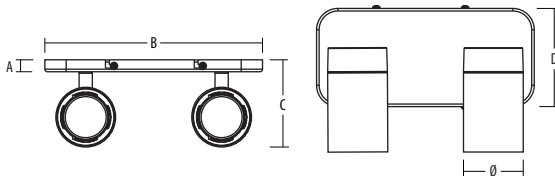
CCT	LUMENS			
	PER HEAD		PER DUAL HEAD	
	15W	22W	15W	22W
2700 K	1,220	1,920	2,440	3,840
3000 K	1,280	2,020	2,560	4,040
3500 K	1,340	2,230	2,680	4,460
4000 K	1,480	2,330	2,960	4,660
DTW	1,000	—	2,000	—



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	30W / 44W (per dual head)


Technical Drawings



		Ø	A	B	C	D
FLX15	mm	70	14	255	104	115
	inches	2¾	⅞	10⅛	4⅛	6⅛
FLX22	mm	85	14	255	122	115
	inches	3⅜	⅞	10⅛	4⅜	6⅛



Ordering Guide

	Wattage	Color Temperature	Beam Angle	Finish/Control
FLX				D -
 QUICKSHIP 7-DAY Highlighted option denotes Quickship.	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 B0 : Black, 0-10V control ² W0 : White, 0-10V control ² SL : Silver S0 : Silver, 0-10V control ²

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.

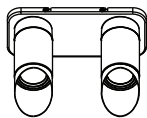
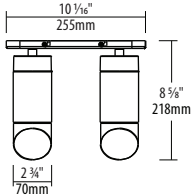
Ordering Guide (Complete with assembled accessories – must select at least one accessory)

FLX	Wattage	Color Temp.	Beam Angle	D	Finish/Control	Cylinder Extension	Mounting Accessory	Optical Accessory	Lens
 Highlighted option denotes Quickship.	15 : 15W	27 : 2700 K	15 : 15°		BK : Black	N : No extender	ST : No mounting accessory	A : No optical accessory	F : No lens
	22 : 22W	30 : 3000 K 35 : 3500 K 40 : 4000 K DTW : DTW 3000 K-2000 K ¹	25 : 25° 40 : 40° 60 : 60°		WH : White B0 : Black, 0-10V control ² W0 : White, 0-10V control ² SL : Silver S0 : Silver, 0-10V control ²			B : Barn door ³ S : Snoot O : Oval snoot ³	L : Linear lens T : Soft lens H : Honeycomb louver

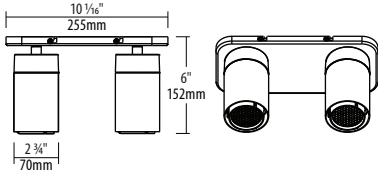
Notes:
¹ DTW available with FLX15 in BK and WH finish only. ² 0-10V control available With FLX22 only. ³ Available with FLX15 only. Quickship option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from Quickship section to qualify. Accessories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

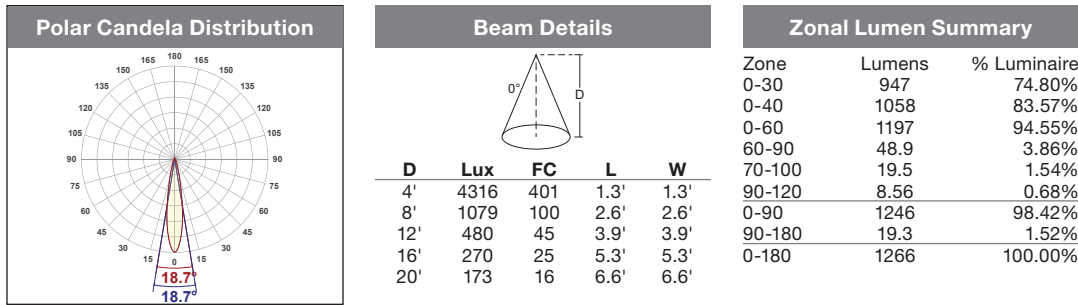
With oval snoot



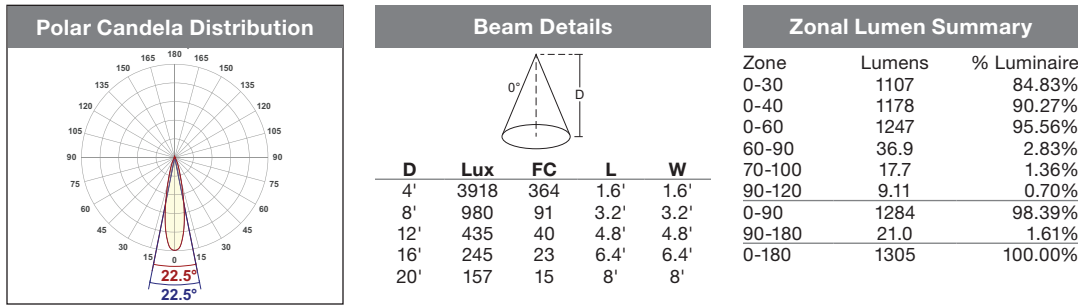
With honeycomb louver



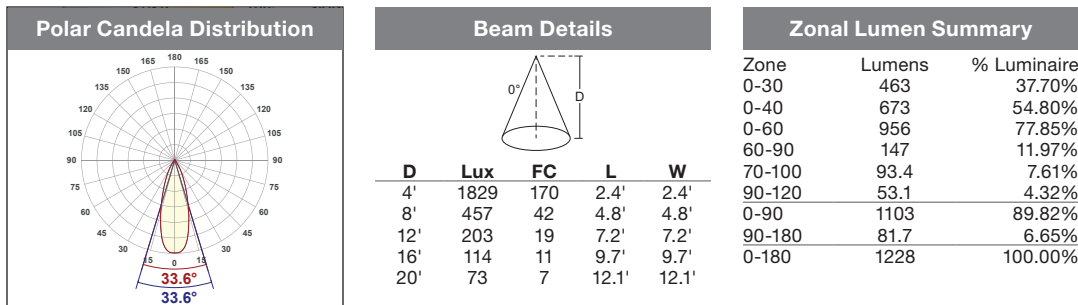
FLX15-3015 : FLEX fixture, 15W, 3000 K, 15° beam spread.



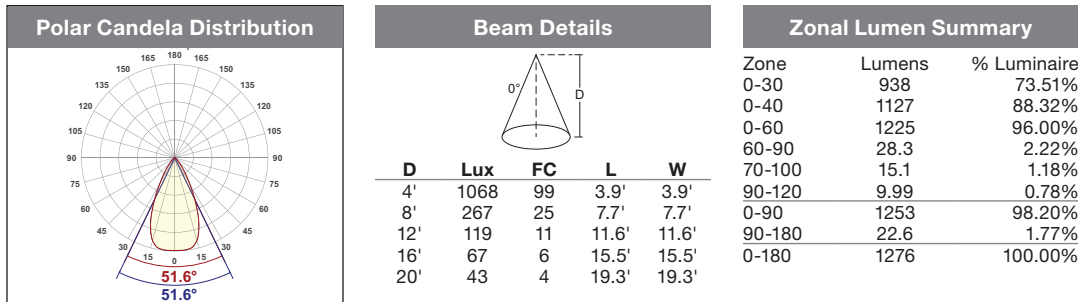
FLX15-3025 : FLEX fixture, 15W, 3000 K, 25° beam spread.



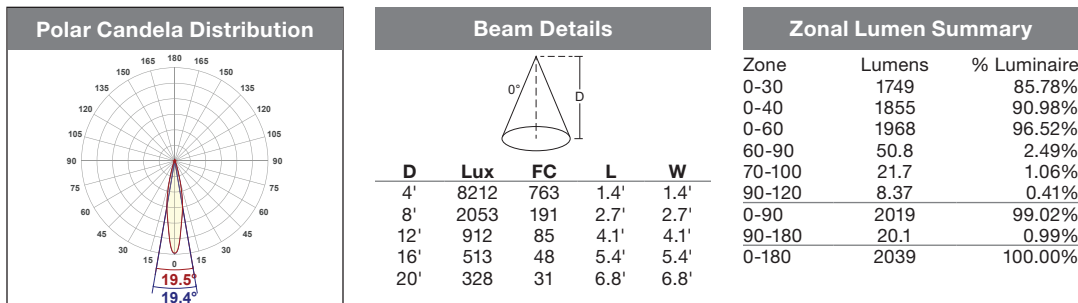
FLX15-3040 : FLEX fixture, 15W, 3000 K, 40° beam spread.



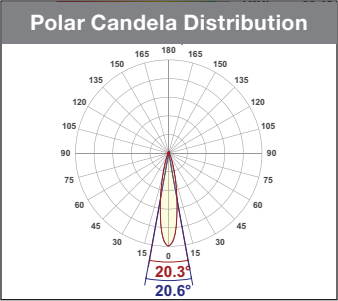
FLX15-3060 : FLEX fixture, 15W, 3000 K, 60° beam spread.



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



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



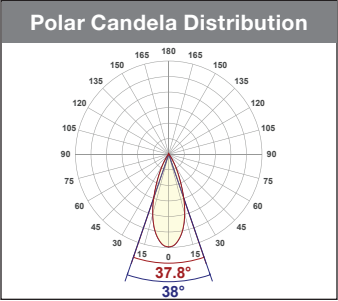
Beam Details

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.



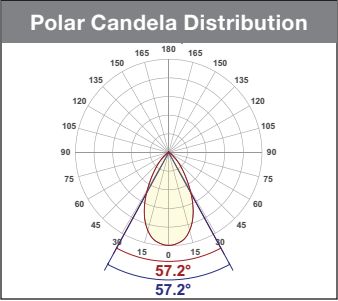
Beam Details

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%