

Client:	
Order #:	
Project:	



DESCRIPTION

The FLBX LED Flood Light is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, watertight LED driver compartment and high performance aluminum heat sinks. Markets include parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways.

FEATURES

- High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation
- Scalable lumen packages ranging from 2,000lm up to 50,000lm
- 3000K, 4000K, 5000K CCT Options
- Optional PhotoCell for dusk to dawn operation
- 7H6V and 4H4V Distributions

CONSTRUCTION & ELECTRICAL

- IP65 Wet Location Rated
- Rugged Die Cast Aluminum Housing
- Standard 0-10V Dimming
- Universal 120-277VAC or Universal High 347-480VAC Input Voltage
- Power Factor > 0.9
- THD < 20%

PERFORMANCE DATA

EFFICACY

130-140 Lumens Per Watt (LPW)

CCT/CRI

30K, 40K or 50K, 70+ CRI

RATED LIFE

>50,000+ Hours

Lumen Output

Lumen Output Ranges from 2,000 to 50,000 lumens

Operating Temperature

-40°C to +40°C Ambient

Warranty

5 year Standard
10 year Optional

ORDERING INFORMATION

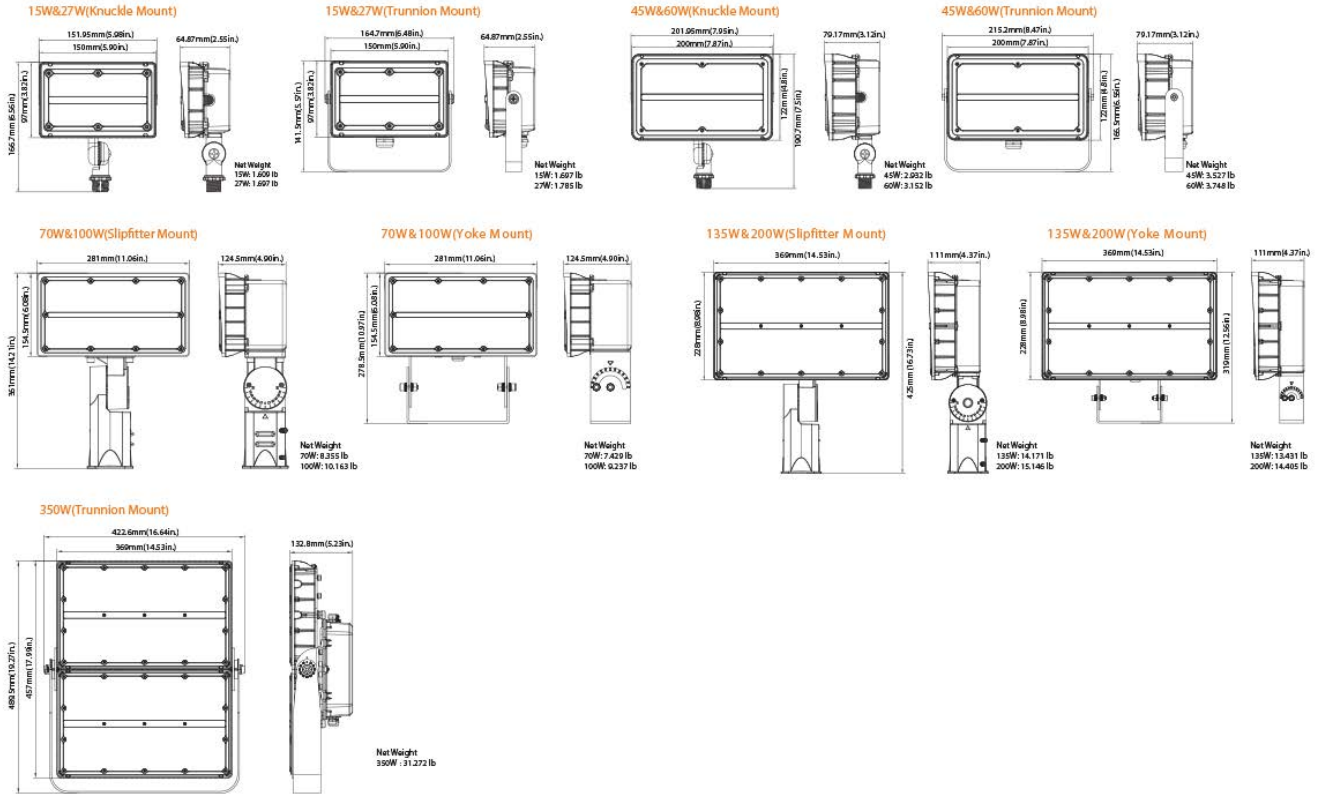
FLBX / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____
 SERIES SIZE WATTAGE CCT DISTRIB. VOLTAGE DRIVER FEATURES FINISH CONTROLS MOUNT. ACC. BUY AMERICA WARRANTY

FIXTURE SERIES	
FLBX	LED Flood Light
SIZE	
7	7 Inch Nominal Width (15W, 27W)
8	8 Inch Nominal Width (45W, 60W)
11	11 Inch Nominal Width (70W, 100W)
15	15 Inch Nominal Width (135W, 200W)
17	17 Inch Nominal Width (350W)
WATTAGE	
15W	15 Watt (2,000lm)
27W	27 Watt (3,700lm)
45W	45 Watt (6,150lm)
60W	60 Watt (7,500lm)
70W	70 Watt (9,400lm)
100W	100 Watt (13,500lm)
135W	135 Watt (18,000lm)
200W	200 Watt (26,000lm)
350W	350 Watt (50,000lm)

CRI/CCT	
30	70+ CRI, 3000K CCT
40	70+ CRI, 4000K CCT
50	70+ CRI, 5000K CCT
DISTRIBUTION	
7H6V	Wide Flood Distribution
4H4V	Square Flood Distribution (135W and above Only)
VOLTAGE	
UNV	Universal 120-277VAC
UHV	Universal High 347-480VAC (60W and above only - excludes 100W)
DRIVER FEATURES	
10V	0-10V Dimming (70W and above Only)
ND	Non-Dimming
FINISH	
BZ	Bronze Powder Coat Finish (Standard)
BL	Black Powder Coat Finish (MOQ & ext. lead times may apply)

CONTROLS	
PC	120-277 VAC Photocell
MOUNTING OPTIONS	
KNCL	Adjustable Knuckle 1/2 NPT Threaded Post (7 and 8 In Only)
TRM	Trunion Mount (7 and 9 and 17 In)
SPF	Adjustable Slip Fitter for 2-3/8 Inch Tenon (11, 15 In Only)
YKM	Yoke Mount (11 and 15 In)
KNCTA	Tenon Adapter for 1/2 Threaded Adjustable Knuckle
BUY AMERICA	
-	Standard Production and Assembly
TAA	Trade America Act Compliant (CoO: Cambodia)
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty

DIMENSIONS



MOUNTING

1/2"Knuckle Mount (15W/27W/45W/60W)



Trunnion Mount (15W/27W/45W/60W/350W)



Yoke Mount(70W/100W/135W/200W)



Slipfitter Mount(70W/100W/135W/200W)



PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	DIST.TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
15W	120-277V	7Hx6V	70	1950lm	130 lm/W	2000lm	133 lm/W	2000lm	133 lm/W
27W	120-277V	7Hx6V	70	3500lm	130 lm/W	3600lm	133 lm/W	3600lm	133 lm/W
45W	120-277V	7Hx6V	70	5550lm	123 lm/W	5650lm	126 lm/W	5650lm	126 lm/W
60W	120-277V	7Hx6V	70	7250lm	121 lm/W	7450lm	124 lm/W	7450lm	124 lm/W
60W	347-480V	7Hx6V	70	7500lm	125 lm/W	7600lm	127 lm/W	7600lm	127 lm/W
70W	120-277V	7Hx6V	70	8700lm	124 lm/W	8900lm	127 lm/W	8900lm	127 lm/W
70W	347-480V	7Hx6V	70	9100lm	130 lm/W	9300lm	133 lm/W	9300lm	133 lm/W
90W	347-480V	7Hx6V	70	12000lm	133 lm/W	12400lm	138 lm/W	12400lm	138 lm/W
100W	120-277V	7Hx6V	70	13100lm	131 lm/W	13300lm	133 lm/W	13300lm	133 lm/W
135W	120-277V	4Hx4V	70	17500lm	130 lm/W	18000lm	133 lm/W	18000lm	133 lm/W
135W	347-480V	4Hx4V	70	17500lm	130 lm/W	18000lm	133 lm/W	18000lm	133 lm/W
135W	120-277V	7Hx6V	70	17500lm	130 lm/W	18000lm	133 lm/W	18000lm	133 lm/W
135W	347-480V	7Hx6V	70	17500lm	130 lm/W	18000lm	133 lm/W	18000lm	133 lm/W
200W	120-277V	4Hx4V	70	26000lm	130 lm/W	26500lm	133 lm/W	26500lm	133 lm/W
200W	347-480V	4Hx4V	70	26000lm	130 lm/W	26500lm	133 lm/W	26500lm	133 lm/W
200W	120-277V	7Hx6V	70	25300lm	127 lm/W	26200lm	131 lm/W	26200lm	131 lm/W
200W	347-480V	7Hx6V	70	25300lm	127 lm/W	26200lm	131 lm/W	26200lm	131 lm/W
350W	120-277V	4Hx4V	70	48000lm	137 lm/W	49500lm	141 lm/W	49500lm	141 lm/W
350W	347-480V	4Hx4V	70	48000lm	137 lm/W	49500lm	141 lm/W	49500lm	141 lm/W
350W	120-277V	7Hx6V	70	48000lm	137 lm/W	50000lm	143 lm/W	50000lm	143 lm/W
350W	347-480V	7Hx6V	70	48000lm	137 lm/W	50000lm	143 lm/W	50000lm	143 lm/W

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POEWR (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	250	15	120	0.13
		15	208	0.07
		15	240	0.06
		15	277	0.05
1	430	27	120	0.23
		27	208	0.13
		27	240	0.11
1	770	27	277	0.1
		45	120	0.38
		45	208	0.22
		45	240	0.19
1	920	45	277	0.16
		60	120	0.5
		60	208	0.29
		60	240	0.25
1	1600	60	277	0.22
		60	347	0.17
		60	480	0.13
		70	120	0.58
1	1750	70	208	0.34
		70	240	0.29
		70	277	0.25
		70	347	0.2
1	1850	70	480	0.15
		100	120	0.83
		100	208	0.48
1	2600	100	240	0.42
		100	277	0.36
		90	347	0.26
		90	480	0.19
1	2400	135	120	1.13
		135	208	0.65
		135	240	0.56
		135	277	0.49
		135	347	0.39
		135	480	0.28
1	3500	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	5000	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
1	5600	350	480	0.73