



Client:	
Order #:	
Project:	
Type:	



DESCRIPTION

The FLBX is a family of highly versatile LED flood lights. With lumen outputs ranging from 3,400 to 92,000 lm and available with both dedicated and selectable wattage options. Wattage selectable fixtures offer 4 different power settings to aid in simplifying your projects bill of materials. Great for many applications including warehousing, retail stores, parking areas, factories, schools and other large institutional campuses.

FEATURES

- Selectable Wattage and CCT gives four light output and three CCT options reducing SKUs and making project ordering and logistics easier (72WS only).
- Optional photocell for Dusk to Dawn operation.
- Optional motion sensor for Hi/Lo Bi-level control to maximize energy savings while maintaining minimum light levels for security and safety.
- Optional Emergency Battery Backup Driver for egress lighting.

CONSTRUCTION & ELECTRICAL

- Isolated LED Module maximizes product life
- IP65 Wet Location Rated
- Rugged Die cast Aluminum Housing
- UV Stabilized Bronze Powder Coat Finish
- RoHS Compliant with minimal Mercury.
- Standard 0-10V Dimming
- Standard 120-277VAC Input Voltage
- Power Factor ≥ 0.9
- THD ≤ 20%

PERFORMANCE DATA

EFFICACY

130 - 167 Lumens per Watt (LPW)

CCT/CRI

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

RATED LIFE

>50,000+ Hours

LUMEN OUTPUT

Lumen Output Ranges from 1,800 to 8,621 Lumens

OPERATING TEMPS

-40°C to +40°C Ambient

WARRANTY

5 year Standard
10 Year Extended
10 Year Extended with Labor

ORDERING INFORMATION (Wattage Selectable)






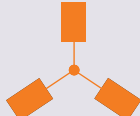
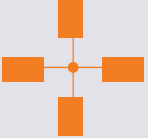
FLBX / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____
 SERIES SIZE WATTAGE CCT DISTRIBUTION VOLTAGE DRIVER FEATURES FINISH PHOTOCELL MOUNTING BUY AMERICA WARRANTY

FIXTURE SERIES	
FLBX	LED Flood Light
SIZE	
8	8 Inch Nominal Width (60WS only)
11	11 Inch Nominal Width (100WS Only)
15	15 Inch Nominal Width (200WS Only)
17	17 Inch Nominal Width (350WS Only)
25	25 Inch Nominal Width (600WS Only)
WATTAGE SELECTABLE	
60WS	24W, 36W, 48W, 60 Watt Select. (3,480 - 8,400 lm) (8 IN)
100WS	40W, 60W, 80W, 100W Select. (5,800 - 14,000 lm) (11 IN)
200WS	80W, 120W, 160W, 200W Select. (11,600 - 28,000 lm) (15IN)
350WS	140W, 210W, 280W, 350W Select. (21,280 - 52,000 lm) (17 IN)
600WS	300W, 400W, 500W, 600W Select. (46,000 - 92,000 lm) (25 IN)

CRI/CCT	
CS	70+ CRI, 30K, 40K, 50K CCT Select.
30	70+ CRI, 3000K CCT (600WS Only)
40	70+ CRI, 4000K CCT (600WS Only)
50	70+ CRI, 5000K CCT (600WS Only)
DISTRIBUTION	
7H6V	Wide Flood Distribution
4H4V	Square Flood Distribution (135W and above only)
VOLTAGE	
UNV	Universal 120-277VAC
UHV	Universal High 347-480VAC
UTV	Universal High 277-480VAC (600WS Only)
DRIVER FEATURES	
10V	0-10V Dimming
FINISH	
BZ	Bronze Powder Coat Finish (Standard)
BL	Black Powder Coat Finish (MOQ & ext. lead times may apply)

PHOTOCELL	
PC	120-277 VAC Photocell
MOUNTING OPTIONS	
KNCL	Adjustable Knuckle 1/2 NPT Threaded Post (60WS)
TRM	Trunion Mount (60WS, 350WS, 600WS)
SPF	Adjustable Slip Fitter for 2-3/8 Inch Tenon (100WS, 200WS)
YKM	Yoke Mount (100WS, 200WS)
KNCTA	Tenon Adapter for 1/2 Threaded Adjustable Knuckle <small>Order Separately</small>
BUY AMERICA	
-	Standard Production and Assembly
TAA	Trade America Act Compliant (CoO: Cambodia)
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty
10YL	10 Year Warranty with Labor

EPA (Effective Projected Area)

FLBX MODEL							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
100WS	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
200WS	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993
350WS	0.536	1.061	1.278	1.072	1.597	1.803	1.597
600WS	1.8202	NA	NA	NA	NA	NA	NA

MOUNTING

1/2" Knuckle Mount (60W)



Trunnion Mount (60W/350W/600W)



Yoke Mount (100W/200W)



Slipfitter Mount (100W/200W)



ORDERING INFORMATION (Dedicated Wattage)

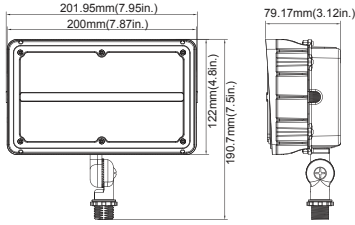
FIXTURE SERIES	
FLBX	LED Flood Light
SIZE	
7	7 Inch Nominal Width
9	9 Inch Nominal Width
11	11 Inch Nominal Width
15	15 Inch Nominal Width
17	17 Inch Nominal Width
WATTAGE	
15W	15 Watt (2,000 lm) (7 In)
27W	27 Watt (3,700 lm) (7 In)
45W	45W Watt (6,150 lm) (9 In)
60W	60 Watt (7,500 lm) (9 In)
70W	70 Watt (9,400 lm) (11 In)
90W	90 Watt (13,400 lm) (11 In, UHV)
100W	100 Watt (13,500 lm) (11 In)
135W	135 Watt (18,000 lm) (15 In)
200W	200 Watt (26,000 lm) (15 In)
350W	350 Watt (50,000 lm) (17 In)

CRI/CCT	
30	70+ CRI, 3000K CCT
35	70+ CRI, 3500K 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 <small>(Excludes 15W, 27W, 45W, 100W)</small>
DRIVER FEATURES	
10V	0-10V Dimming
NDM	Non Dimming
FINISH	
BZ	Bronze Powder Coat Finish (Standard)
BL	Black Powder Coat Finish (MOQ & ext. lead times may apply)

PHOTOCELL	
PC	120-277 VAC Photocell (72WS Only)
MOUNTING OPTIONS	
KNCL	Adjustable Knuckle 1/2 NPT Threaded Post (7 and 9 In)
TRM	Trunnion 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
10YL	10 Year Warranty with Labor

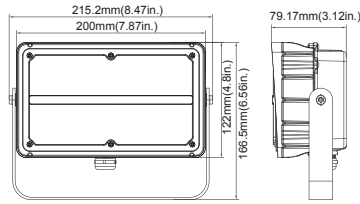
DIMENSIONS

60W(Knuckle Mount)



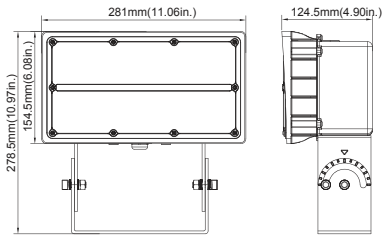
Net Weight
60W: 3.152 lb

60W(Trunnion Mount)



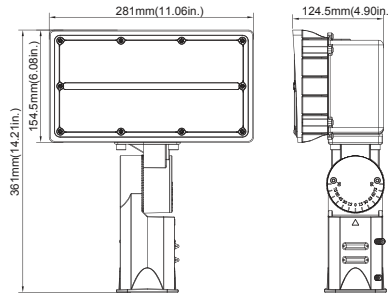
Net Weight
60W: 3.748 lb

100W(Yoke Mount)



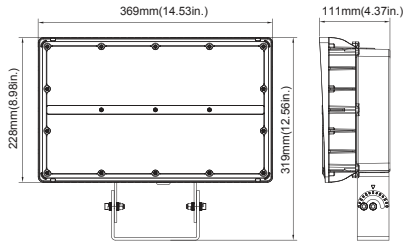
Net Weight
100W: 9.237 lb

100W(Slipfitter Mount)



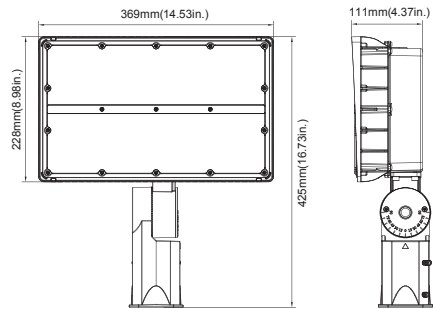
Net Weight
100W: 10.163 lb

200W(Yoke Mount)



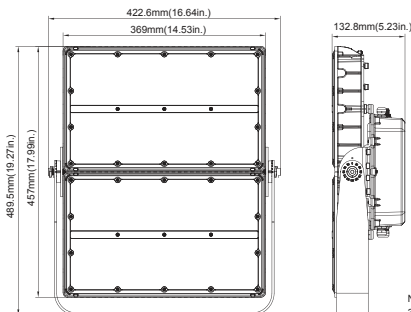
Net Weight
200W: 14.405 lb

200W(Slipfitter Mount)



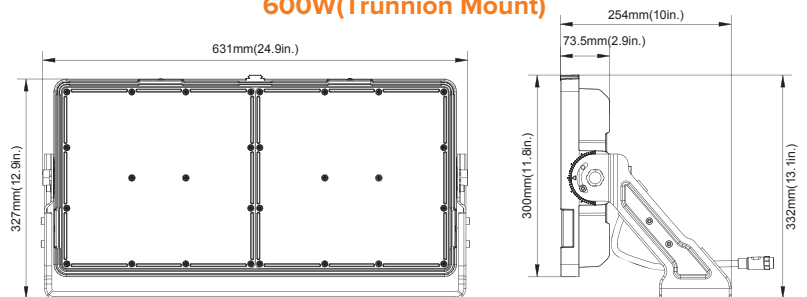
Net Weight
200W: 15.146 lb

350W(Trunnion Mount)



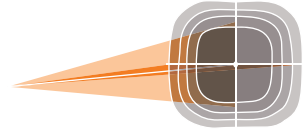
Net Weight
350W: 31.272 lb

600W(Trunnion Mount)

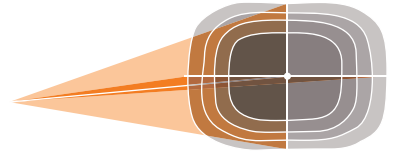


OPTICAL DISTRIBUTION

4HX4V
Only suitable for 600WS



7HX6V
Only suitable for 60WS
100WS 200WS 350WS



FLBX 60WS							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	60W	7800lm	130 lm/W	8400lm	140 lm/W	8100lm	135 lm/W
80%	48W	6480lm	135 lm/W	7000lm	146 lm/W	6700lm	140 lm/W
60%	36W	5050lm	140 lm/W	5400lm	150 lm/W	5250lm	146 lm/W
40%	24W	3480lm	145 lm/W	3720lm	155 lm/W	3600lm	150 lm/W

FLBX 100WS							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	13000lm	130 lm/W	14000lm	140 lm/W	13500lm	135 lm/W
80%	80W	10800lm	135 lm/W	11600lm	146 lm/W	11200lm	140 lm/W
60%	60W	8400lm	140 lm/W	9000lm	150 lm/W	8700lm	145 lm/W
40%	40W	5800lm	145 lm/W	6200lm	155 lm/W	6000lm	150 lm/W

FLBX 200WS							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	26000lm	130 lm/W	28000lm	140 lm/W	27000lm	130 lm/W
80%	160W	20800lm	135 lm/W	23200lm	145 lm/W	22400lm	140 lm/W
60%	120W	16800lm	140 lm/W	18000lm	150 lm/W	17400lm	145 lm/W
40%	80W	11600lm	145 lm/W	12400lm	155 lm/W	12000lm	150 lm/W

FLBX 350WS							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	350W	48000lm	137 lm/W	52000lm	149 lm/W	50000lm	143lm/W
80%	280W	39760lm	142 lm/W	43120lm	154 lm/W	40600lm	145 lm/W
60%	210W	30870lm	147 lm/W	33390lm	159 lm/W	31500lm	150 lm/W
40%	140W	21280lm	152 lm/W	22960lm	164 lm/W	21700lm	155 lm/W

FLBX 600WS (single CCT)							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	600W	85000lm	142 lm/W	92000lm	153 lm/W	92000lm	153 lm/W
LV2	500W	73000lm	146 lm/W	79000lm	158 lm/W	79000lm	158 lm/W
LV3	400W	60000lm	150 lm/W	65000lm	163 lm/W	65000lm	163 lm/W
LV4	300W	46000lm	153 lm/W	50000lm	167 lm/W	50000lm	167 lm/W