

EPSILON Flood Light

FEATURES

- Durable die-cast aluminum housing
- Dark Bronze, White, and Gray finishes
- Narrow lighting distributions
- Yoke Mount standard, optional Slipfitter
- IP65 and IK09 rated
- Anti-corrosive finish to withstand harsh environments
- UL1598A Listed for Marine Applications
- 5 Year Standard Warranty

APPLICATIONS

- Marine Ports & Harbors
- Area Lighting
- Wall Washing
- Signage
- Recreational

CONSTRUCTION

With Die-Cast Aluminum Housing, Anti-Corrosive Treatment, and Heavy-Duty Polycarbonate Lens the Epsilon Flood Light is built to withstand the toughest environments and provide crisp, clear lighting. The fixture is tightly sealed for resiliency and to prevent ingress. Industry-leading impact resistant construction keeps the fixture housing free from damage in tough, physical settings, while finned heatsinks provide optimal heat management to increase luminaire life.

WARRANTY

- Limited Five (5) Year Warranty standard

For more information regarding the limited five (5) year warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.



ORDERING GUIDE

SERIES	WATTAGE	BEAM ANGLE	CRI	CCT	FINISH*	VOLTAGE	OPTIONS
FL-3	250N 250W	NN 18 DEGREE	8 ≥80	30 3000K	DB DARK BRONZE	U 100-277V	AVB ANTI-VIBRATION BRACKET
	520N 520W	N 28 DEGREE		40 4000K	WHT WHITE	H 347-480V	CBN CARBON STEEL BRACKET
FL-4	1000N 1000W	M 40 DEGREE		50 5000K	GRY GRAY		SPF 2-3/8" SLIPFITTER

* Dark Bronze is standard finish. Consult factory for pricing and availability of other finishes.

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SPECIFICATIONS

LED SPECIFICATION			3000K		4000K		5000K		EPA*	BUG	WEIGHT (lbs.)	CERTIFICATION
MODEL	WATTS	OPTIC	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY				
FL-3250N	253	NN	28,464	113 lm/W	29,068	115 lm/W	30,280	120 lm/W	1.70 ft²	B5-U3-G0	19.2	UL
		N	28,220	112 lm/W	28,819	114 lm/W	30,021	119 lm/W				
		M	28,548	113 lm/W	29,154	115 lm/W	30,370	120 lm/W				
FL-3520N	517	NN	53,276	103 lm/W	54,407	105 lm/W	56,676	110 lm/W	2.99 ft²	B5-U3-G0	48.9	UL
		N	52,549	102 lm/W	53,664	104 lm/W	55,902	108 lm/W				
		M	49,913	97 lm/W	50,972	99 lm/W	53,098	103 lm/W				
FL-41000N	951	NN	115,802	122 lm/W	118,260	124 lm/W	123,192	130 lm/W	4.23 ft²	B5-U3-G1	97.5	UL
		N	112,967	119 lm/W	115,365	121 lm/W	120,176	126 lm/W				
		M	112,183	118 lm/W	114,564	120 lm/W	119,342	125 lm/W				

* EPA Ratings listed assume fixture is mounted horizontally. EPA rating will vary based on mounting angle.

SPECIFICATION		VALUE
PERFORMANCE	Power Consumption (W)	253 / 517 / 951
	Lumens Delivered (lm)	28,220 - 115,802
	Efficacy (lm/W)	97 - 130
	CRI	≥80
	Color Temperature (K)	2200 / 3000 / 4000 / 5000
	L70 Lumen Maintenance (hr)	50,000
ELECTRICAL	Power Factor	> 0.9
	Input Voltage	100-277V / 347-480V ~ 50/60 Hz
	Dimming	Non-dimmable
	THD	< 0.2
	Dusk-to-Dawn Sensor	No
OPTICS	Beam Angle (°)	18 / 28 / 40
	Glare Shield	No
INSTALLATION	Standard Mount	Stainless Steel Yoke Mount
	Optional Mount	Slipfitter
	Anti-Vibration Mount	Yes, for select models only
	Tilt	180°+ Vertically
CERTIFICATION	Certifications	UL1598 / UL1598A
	IP	65
	IK	09
	Environment	Outdoor / Wet / Marine / Natatorium
	Ambient Operating Temperature	-25°C ~ +45°C / -13°F ~ +113°F
	Warranty	Limited (5) Year

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MOUNTING OPTIONS

AVB - ANTI-VIBRATION BRACKET

Anti-Vibration Bracket available for all models. Durable steel bracket with rubber-bushings guarantee quality performance in robust installations such as crane and bridge lighting.



CBN - CARBON STEEL BRACKET

Carbon Steel Bracket available for all models. Heavy duty bracket ensures top durability in any application.



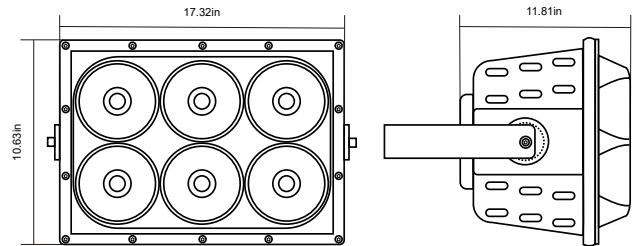
SPF - 2-3/8" SLIPFITTER

2-3/8" Slipfitter available for all Epsilon Flood Light models. Slipfitter adapter helps mount flood light to a broad range of poles and tenons.

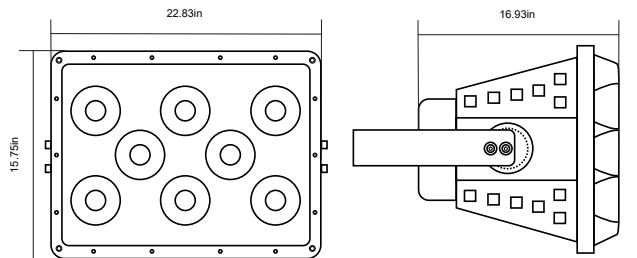


DIMENSIONAL DRAWINGS

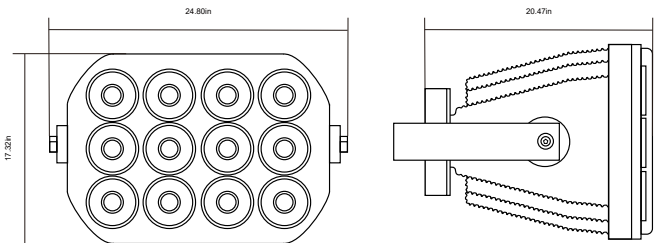
FL-3250N



FL-3520N



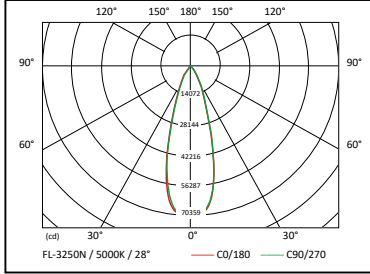
FL-41000N



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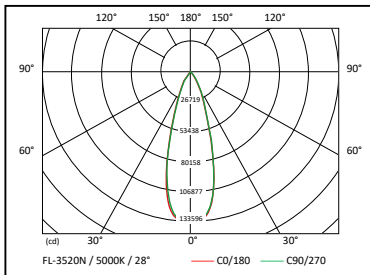
PHOTOMETRICS

FL-3250N



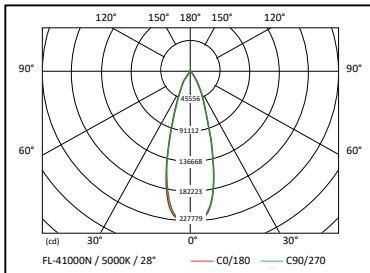
FL-3250N / 5000K / 28°		
10	704	599
15	313	898
20	176	1198
25	113	1497
30	79	1796
H (m)	E (lx)	D (cm)

FL-3520N



FL-3520N / 5000K / 28°		
10	1336	594
20	334	1189
30	148	1783
40	84	2377
50	53	2972
H (m)	E (lx)	D (cm)

FL-41000N



FL-41000N / 5000K / 28°		
20	569	1220
40	142	2430
60	63	3650
80	36	4870
100	23	6090
H (m)	E (lx)	D (cm)