



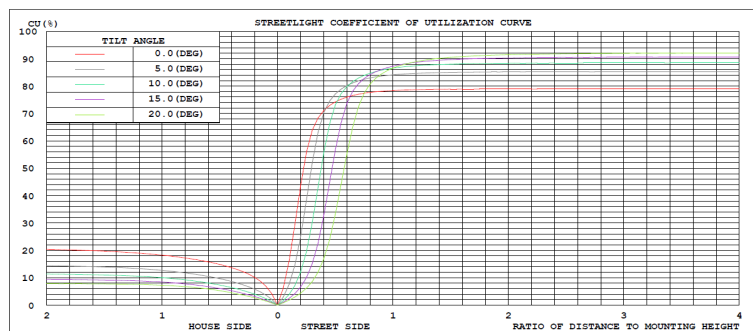
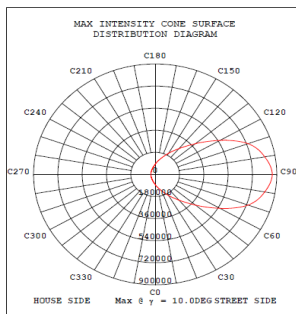
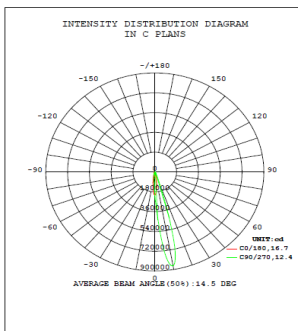
DESCRIPTION

The IC8 High Mast LED Sports Light delivers 56,000lm to 180,000lm, offering powerful illumination for stadiums, harbors, and large outdoor spaces. Its modular design allows precise tilt adjustments for customizable light distribution, while specialized materials and surface treatment ensure superior anti-corrosion resistance. With an EPA range of 0.96ft² to 2.68ft², it provides optimized wind resistance and structural stability for high-mast installations. Designed for efficiency and durability, the IC8 guarantees long-lasting performance, reduced maintenance, and energy savings, making it the ideal solution for demanding lighting applications.

APPLICATION(S)

Stadiums & Sports Arenas
Harbors & Ports
Airports
Large Outdoor Areas

PHOTOMETRY



Catalog Number	
Notes	
Type	

TECHNICAL SPECIFICATIONS

Model No.	IC8-400	IC8-480	IC8-600	IC8-800	IC8-960	IC8-1200
Power Consumption(±10%)	400W	480W	600W	800W	960W	1200W
Power Supply	U-PowerTek					
Input Voltage	100-277 VAC / 200-480 VAC (50/60 Hz)					
Power Factor	>0.97					
Surge Protection	10KV line-line /20KV line-earth					
Driver Type	Constant Current (CC)					
Control	0-10V Dimming, DMX					

OPTIC SPECIFICATIONS

LED Type	LED3737					
Luminous Flux (±10%)	56000lm	67200lm	84000lm	12000lm	134400lm	168000lm
Efficacy(4000K Ra80)	140 lm/w					
Correlated Color Temperature	3000K, 4000K, 5700K					
Color Rendering Index	Ra70 (Ra80 and Ra90 available)					
Beam Angle	F04002X (12°), F04011X (11°), F04015X (14.4°), F04045X (45°), F04001X (14x106°), F04013X (25x118°), F04014X (22x129°), F04003X (23°), F04001Z (40x86°), F04003Z (30°), F04004Z LED 5050 (45°), F04006Z LED 5050 (60°), F04022Z LED 5050 (22°), F04028 LED 5050 (25x85°)					
UGR level	N/A					

MOUNTING AND PRODUCT DIMENSIONS

Product Dimension LxHxW	18.86"x9.84"x7.28"	18.86"x10.50"x7.28"	18.86"x11.14"x7.28"	20.10"x16.90"x9.13"	20.10"x20.80"x11.73"	20.10"x22.15"x11.73"
Gross Weight ±0.66lbs	23.37lbs	24.47lbs	24.47lbs	48.92lbs	58.20lbs	63.93lbs
Mounting Option	Bracket Mount					
Material	Aluminum Alloy					
Finish	Powder Coating					
Fixture Color	Black (RAL 9017)					
IK Rating	IK08					
IP Rating	IP66					

LIFESPAN AND WARRANTY

Operating Temperature	~22°F to 122°F
Life Time of LED @Ta=25°C	55000 hrs @L90
Warranty	5 Years

SAFETY CERTIFICATIONS

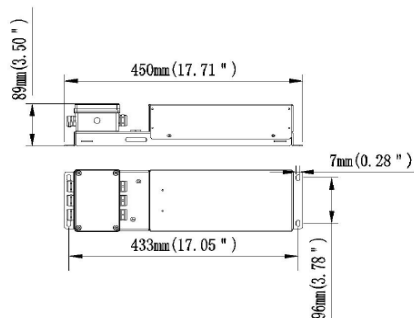
Luminaires (UL 1598:2021 Ed.5)
Luminaires (CSA C22.2#250.0:2021 Ed.5)

MOUNTING OPTIONS

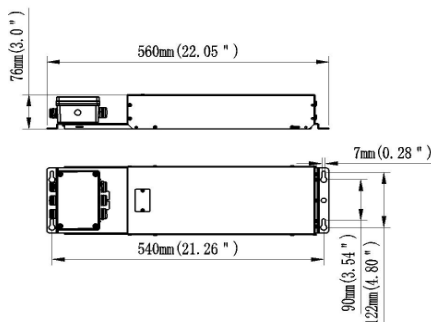


DIMENSIONS

400/480/600W driver



800/960/1200W driver



ACCESSORIES



Precision Aiming Device
AL1060 materials with outdoor powder coating. Accurate adjustment of luminaire projected position.
Code: BC-S04-02



Visor 1
SPCC materials with outdoor powder coating. (L130 for F04002, F04003X, F04003Z, F04004, F04006)
Code: BC-S04-01



Visor 2
SPCC materials with outdoor powder coating. (L39 for F04001X, F04001Z, F04013, F04014)
Code: BC-S04-03

ORDERING INFORMATION

Series	Wattage & Lumen Output	Voltage	Corelated Color Temperature (CCT)	Beam Angle	Control Options
IC8 (IC8 LED High Mast)	400W (56,000lm) 480W (67,200lm) 600W (84,000lm) 800W (112,000lm) 960W (134,400lm) 1200W (168,000lm)	MV (120-277V) HV (200-480V)	30K (3000K) 40K (4000K) 57K (5700K)	F04002X (12°) F04011X (11°) F04015X (14.4°) F04045X (45°) F04045X (45°) F04001X (14x106°) F04013X (25x118°) F04014X (22x129°) F04003X (23°) F04001Z (40x86°) F04003Z (30°) F04004Z LED 5050 (45°) F04006Z LED 5050 (60°) F04022Z LED 5050 (22°) F04028 LED 5050 (25x85°)	0-10V (0-10V Dimming)

Mounting Option	Finish Color	Accessories
BM (Bracket Mount)	BK (Black, RAL9017)	BC-S04-02 (Aiming Device) BC-S04-01 (Visor 1) BC-S04-03 (Visor 2)