



ECSP52 Sports Lighter

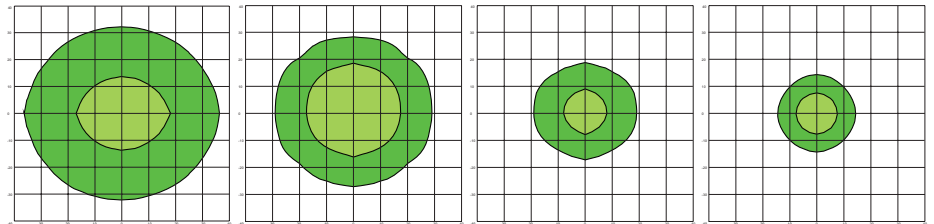
Soccer Series

- Easy 1-for-1 replacement of 1000w or 1500w Metal Halide
- Matching Beam patterns creates equivalent uniformity
- 5 degree horizontal and vertical aiming increments
- Weight and EPA allow for use of existing poles and cross arms

Specifications:

Housing: Die cast copper-free aluminum, no recycled content, automated silicone gaskets
Listing: CSA UL1598 Wet Location, IP66
Hardware: Nickel-Plated Stainless Steel hardware
Wattage: ThermalLED 268w-536w
LED Arrays: 100% pure aluminum circuit boards with conformal coating
Optics: NEMA 2x2, 3x3, 4x4, 5x5 Clear Polycarbonate controlled beam lenses
Driver: 120-277V, 50/60Hz or 347-480V, 50/60Hz; less than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming
Controls: 0-10 V cord for external system control
Mount: Steel Yoke with 5 degree horizontal and vertical increments, optional slip fitter bracket available

Photometric Performance



NEMA 5X5
Maximum Center Beam Candlepower = 117,631 Candela

NEMA 4X4
Maximum Center Beam Candlepower = 167,213 Candela

NEMA 3X3
Maximum Center Beam Candlepower = 463,808 Candela

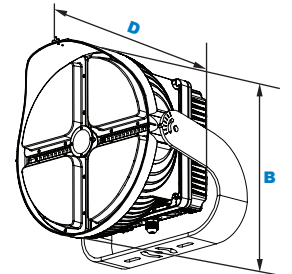
NEMA 2X2
Maximum Center Beam Candlepower = 577,244 Candela

536w = 58,000-65,000 Lumens, 268w = 30,000-33,000 Lumens;
 EPA=1.56 SQ FT, Weight=68 LBS

Order Information Example:

ECSP52Q55536U5KGDF

ECSP52Q						
Model	Beam	Wattage	Driver	CCT	Color	Options
ECSP52Q=ThermalLED Sports Lighter/ Architectural Flood	22=NEMA 2H x 2V 33=NEMA 3H x 3V 44=NEMA 4H x 4V 55=NEMA 5H x 5V	268=268w 536=536w	U=120-277V H=347-480V	4K=4000K 5K=5000K	G=Gray C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) C53600B=3 Foot Black Cord, 600VAC, 5 Wire, Includes 1-10V Dimming Wires



Dimensions

Length (D)	12¾" (323mm)
Height (B)	16" (405mm)



Highly Uniform Performance Optics

Typical 4-Pole Soccer Field

70ft Mounting Height



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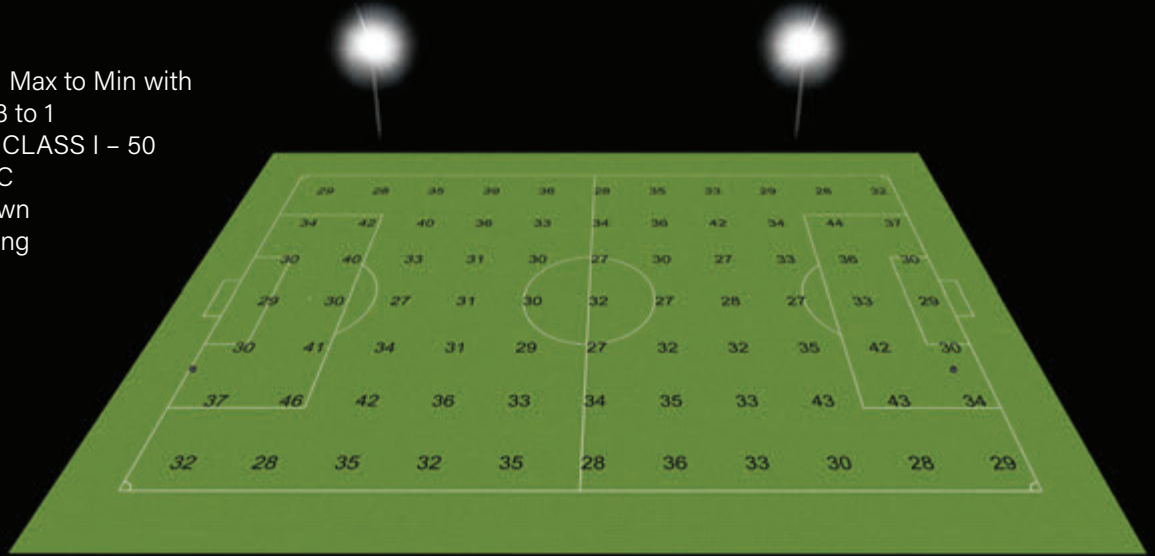
Soccer Series

Photometric Performance

Units	Calculation Area	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
Footcandles	Soccer Field	33.2	46.0	27.0	1.23	1.7	3 FT

IMPROVED Visual Comfort – Max/Min Ratio of 1.7 to 1 exceeds recommended level of 3.0 to 1

- Highly uniform Field 1.7 to 1 Max to Min with Average to Minimum of 1.23 to 1
- Multiple layouts available – CLASS I – 50 FTC and CLASS II – 30 FTC
- 4-Pole design example shown
- 50-75% energy savings – long maintenance free life



Pole/Luminaire Schedule

70 FT Poles	Fixture Qty/Pole	Catalog Number	LLF	Lumens	Watts
Poles 1, 2, 3, 4	1 EACH	ECSP52Q44536U5K NEMA 4x4	0.95	64,863	589
	5 EACH	ECSP52Q33536U5K NEMA 3x3	0.95	61,735	589
	6 EACH	ECSP52Q22536U5K NEMA 2x2	0.95	61,271	589

