



ECSP52 Sports Lighter

Baseball 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: ThermoLED 268w-536w

LED Arrays: 100% pure aluminum circuit boards with conformal coating

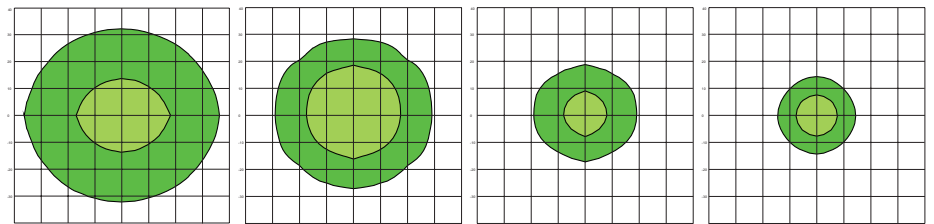
Optics: NEMA 2x2, 3x3, 4x4, 5x5 Clear Polycarbonate controlled beam lenses

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

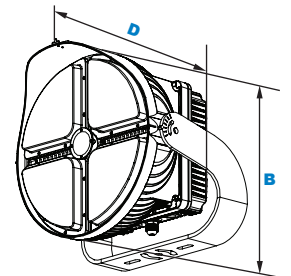
536w = 58,000-65,000 Lumens, 268W = 30,000-33,000 Lumens; EPA = 1.56 SQ FT, Weight = 68 LBS

Order Information Example:

ECSP52Q55536U5KGDF

ECSP52Q

Model	Beam	Wattage	Driver	CCT	Color	Options
ECSP52Q =ThermoLED 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 6-Pole Baseball Field
70ft Mounting Height

ECSP52 Sports Lighter

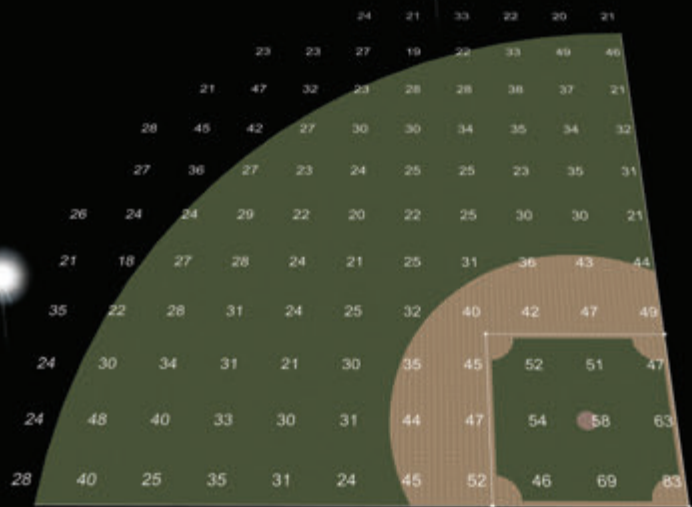
Baseball Series

Photometric Performance

Units	Calculation Area	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
Footcandles	Baseball Infield	53.0	83.0	40.0	1.3	2.1	3 FT
Footcandles	Baseball Outfield	30.0	49.0	18.0	1.6	2.7	3 FT

IMPROVED Visual Comfort – Max/Min Ratio of 2.1/2.7 to 1 exceeds recommended level of 3.0 to 1

- Highly uniform Infield 2.1 to 1 Max to Min with Average to Minimum of 1.3 to 1
- Multiple layouts available: CLASS I – 50/30 FTC and CLASS II – 40/20 FTC
- 6 pole and 7 Pole designs; 6-Pole example shown
- 50-75% energy savings – long maintenance-free life



Pole/Luminaire Schedule

Poles	Total Fixture Qty	Catalog Number	LLF	Lumens	Watts
6 @ 70 FT	6	ECSP52Q44536U5K NEMA 4x4	0.95	64,863	589
	36	ECSP52Q33536U5K NEMA 3x3	0.95	61,735	589
	30	ECSP52Q22536U5K NEMA 2x2	0.95	61,271	589

