

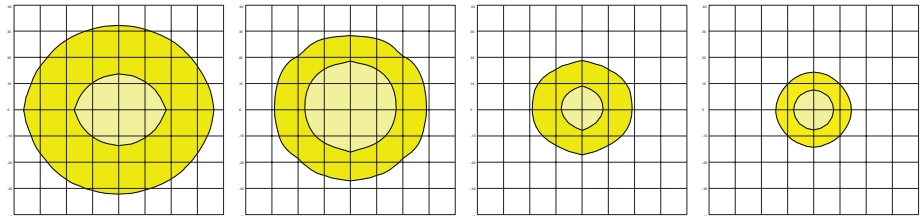
- Easy 1-for-1 replacement of 1000w or 1500w Metal Halide
- Matching Beam patterns creates equivalent uniformity
- 5 degree horizontal and vertical aiming increments
- Weight and EPA allow for use of existing poles and cross arms



## 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:** LED 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

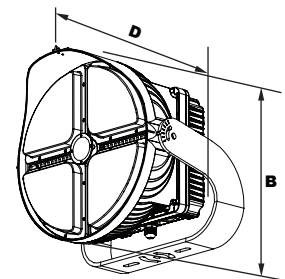
**NEMA 4X4**  
 Maximum Center Beam Candlepower = 167,213 Candela

**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:		AISP52Q55536U5KGDF				
Model	Beam	Wattage	Driver	CCT	Color	Options
<b>AISP52Q</b>						
<b>AISP52Q</b> = LED Sports Lighter/ Architectural Flood	<b>22</b> =NEMA 2H x 2V <b>33</b> =NEMA 3H x 3V <b>44</b> =NEMA 4H x 4V <b>55</b> =NEMA 5H x 5V	<b>268</b> =268w <b>536</b> =536w	<b>U</b> =120-277V <b>H</b> =347-480V	<b>4K</b> =4000K <b>5K</b> =5000K	<b>G</b> =Gray <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse (120-277V Only) <b>DF</b> =Double Fuse (120-277V Only) <b>C53600B</b> =3 Foot Black Cord, 600VAC, 5 Wire, Includes 1-10V Dimming Wires



### Dimensions

**Length (D)** | 12 3/4" (323mm)  
**Height (B)** | 16" (405mm)

**L70**  
25°C **269,000 Hours**



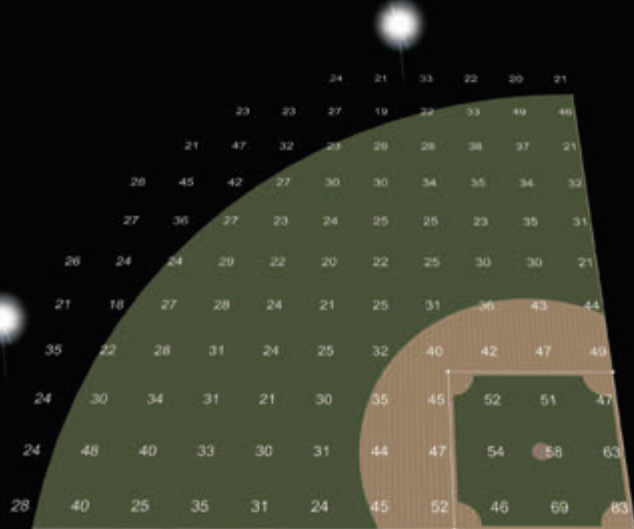


#### Photometric Performance

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	AISP52Q44536U5K NEMA 4x4	0.95	64,863	589
	36	AISP52Q33536U5K NEMA 3x3	0.95	61,735	589
	30	AISP52Q22536U5K NEMA 2x2	0.95	61,271	589