High Power Flood Series

QSSI™ SINCE 1985

QSSI FAMILY OF BRANDS

DuraGuard | 1882 LIGHTING | ENDEAVOR | PEMCO Est. 1982 | FX LIGHTING | eco REVOLUTION | INDUSTRA LIGHT | Atlantic INDUSTRIAL®

Architectural Flood

Create drama, depth, and aesthetic views/displays with the high-power LED Architectural Flood. This high-power flood luminaire brings the biggest architectural structures to life, creating beautiful aesthetic images for everyone to enjoy.

Available in 2 wattages and 4 NEMA beam patterns, these high-power LED luminaires have specially designed optical systems to provide uniform light levels and optical distribution for sports applications and architectural highlighting.

Commercial flood and accent lighting applications, including retail centers, theme parks, schools and universities, public transit and airports, mid- and high-rise buildings, and bridge structures.

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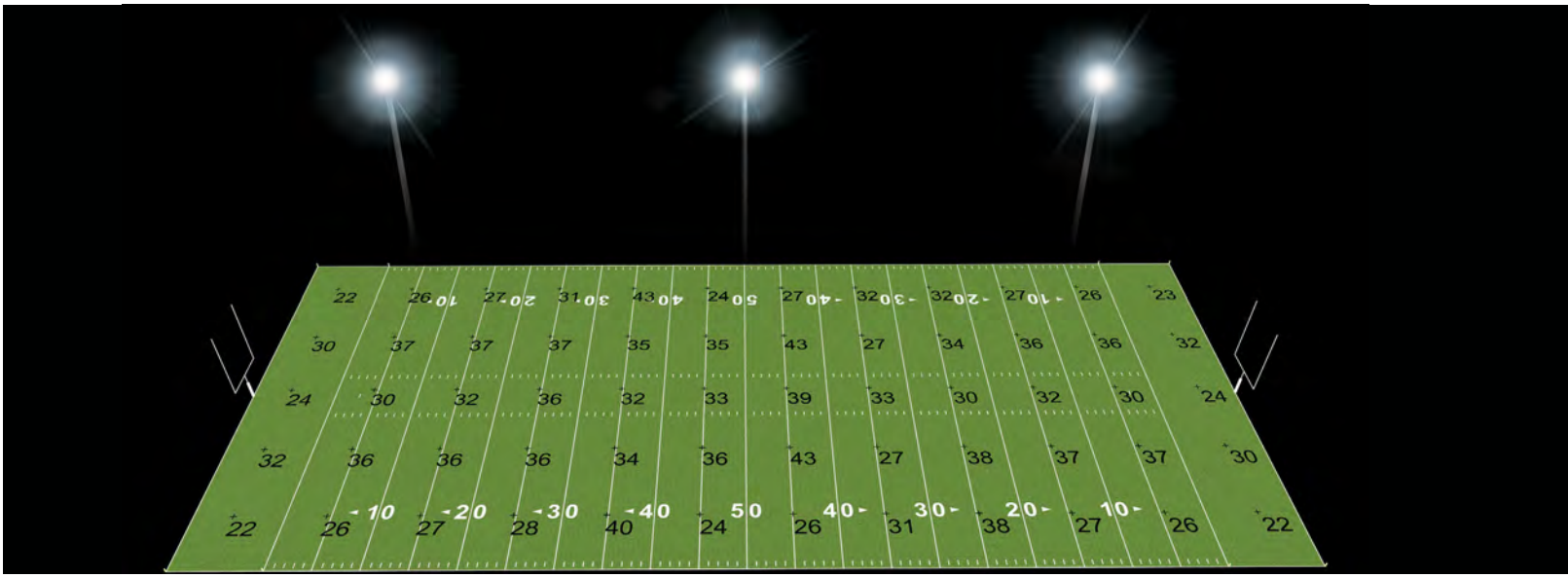
Sports Lighter
Football Series

Photometric Performance

Units	Calculation Area	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
Footcandles	Football Field	31.55	43.2	21.6	1.48	2.0	3 FT

IMPROVED Visual Comfort – Max/Min Ratio of 2.0 to 1 exceeds recommended level of 3.0 to 1



Pole/Luminaire Schedule

60 Ft Poles	Luminaires/Poles	Fixture Specifications	LLF	Lumens	Watts
Pole 1, 2, 3, 4, 5, 6	6 Each	536w; NEMA 2x2; 5000K CCT	0.95	61,271	589
	1 Each	536w; NEMA 4x4; 5000K CCT	0.95	64,863	589

LEDicated IP66 BUY AMERICAN ACT COMPLIANT

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Rev. 052920

Sports Lighter
Soccer Series

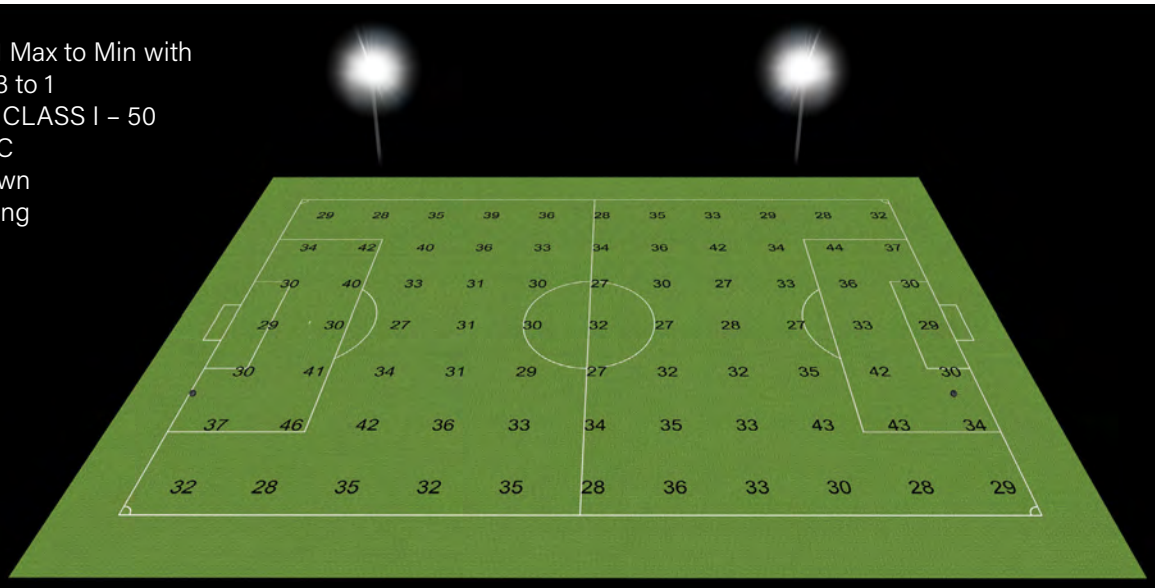
Highly Uniform Performance Optics
Typical 4-Pole Soccer Field
70ft Mounting Height

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	Fixture Specifications	LLF	Lumens	Watts
Poles 1, 2, 3, 4	1 EACH	536w; NEMA 4x4; 5000K CCT	0.95	64,863	589
	5 EACH	536w; NEMA 3x3; 5000K CCT	0.95	61,735	589
	6 EACH	536w; NEMA 2x2; 5000K CCT	0.95	61,271	589

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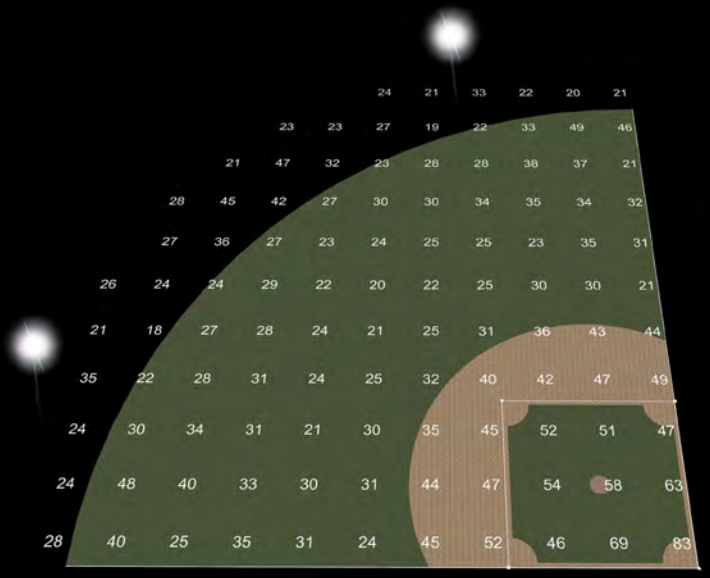
Sports Lighter
Baseball Series

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	Fixture Specifications	LLF	Lumens	Watts
6 @ 70 FT	6	536w; NEMA 4x4; 5000K CCT	0.95	64,863	589
	36	536w; NEMA 3x3; 5000K CCT	0.95	61,735	589
	30	536w; NEMA 2x2; 5000K CCT	0.95	61,271	589

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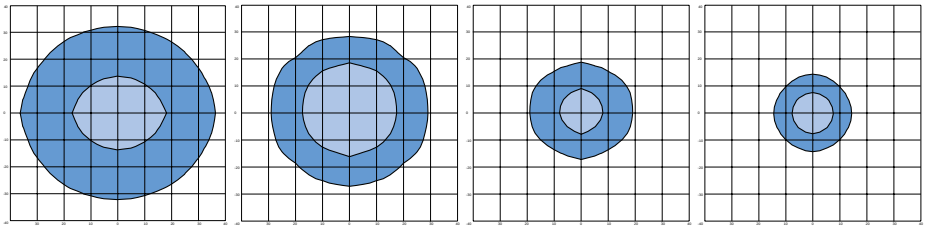
Sports Lighter

- 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

Photometric Performance



NEMA 5X5	NEMA 4X4	NEMA 3X3	NEMA 2X2
Maximum Center Beam Candlepower = 117,631 Candela	Maximum Center Beam Candlepower = 167,213 Candela	Maximum Center Beam Candlepower = 463,808 Candela	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

L70 25°C 269,000 Hours

IP66

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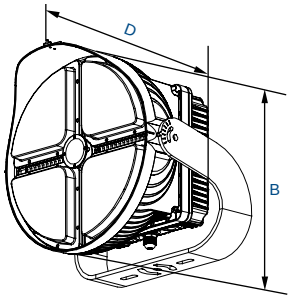

Dimensions	
Length (D)	12¾″ (323mm)
Height (B)	16″ (405mm)

Specifications

HOUSING:	LISTING:	HARDWARE:	WATTAGE:	LED ARRAYS:	OPTICS:	DRIVER:	CONTROLS:	MOUNT:
Die cast copper-free aluminum, no recycled content, automated silicone gaskets	CSA UL1598 Wet Location, IP66	Nickel-Plated Stainless Steel hardware	268w-536w	100% pure aluminum circuit boards with conformal coating	NEMA 2x2, 3x3, 4x4, 5x5 Clear Polycarbonate controlled beam lenses	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.	0-10 V cord for external system control	Steel Yoke with 5 degree horizontal and vertical increments, optional slip fitter bracket available

Ordering Guide

MODEL	BEAM	WATTAGE	DRIVER	CCT	COLOR	OPTIONS
(Refer with Brand)= 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

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QSSI
SINCE 1985

VALUE PROPOSITION

WHAT YOU NEED

Early on, QSSI invested heavily on stocking the components needed to custom build your order. Because we have such high levels of inventory, we've been able to stay ahead of the supply chain issues affecting the industry.

All our cataloged fixture components are in stock, including poles! Let QSSI expand your market share with no tooling, manufacturing, or inventory expenses with our Value Proposition.

QSSI SINCE 1985

VALUE PROPOSITION

WHEN YOU NEED IT

QSSI is operating with a 99% fill rate, 3-day lead time, and 1-piece minimum order quantity. Your custom order will be shipped from one of our 6 US locations:

Cerritos, CA
Memphis, TN
Tampa, FL
Vancouver, WA
Walden, NY
Wilmington, DE

WITHOUT COMPROMISE

Building your fixtures on-site in our US locations allows for complete customization to meet your specific needs!

QSSI has been a family-owned and operated business since 1985. We are a true manufacturer with over 38 years of experience that has solved the problems of long lead times, limited selection, and slow order fulfillment. We can fulfill your lighting order for any size project and deliver to any location you need.

Expand your market share with no tooling, manufacturing, or inventory expenses with our Value Proposition.

Contact us today to find the right solution together.