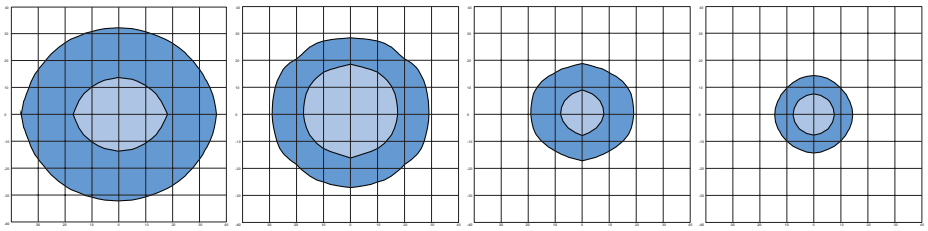
1882 LIGHTING
A QSSI Company

Thunderbolt

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
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

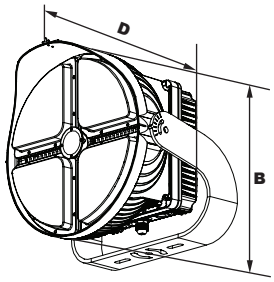
Specifications

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	EasyLED 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

Order Information Example: **THB55536U5KGDF**

THB

Model	Beam	Wattage	Driver	CCT	Color	Options
THB=Thunderbolt 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)

L70 25°C — 269,000 Hours

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150 Pemco Way, Wilmington, DE 19711 | Phone: 302-892-9000 | www.1882lighting.com

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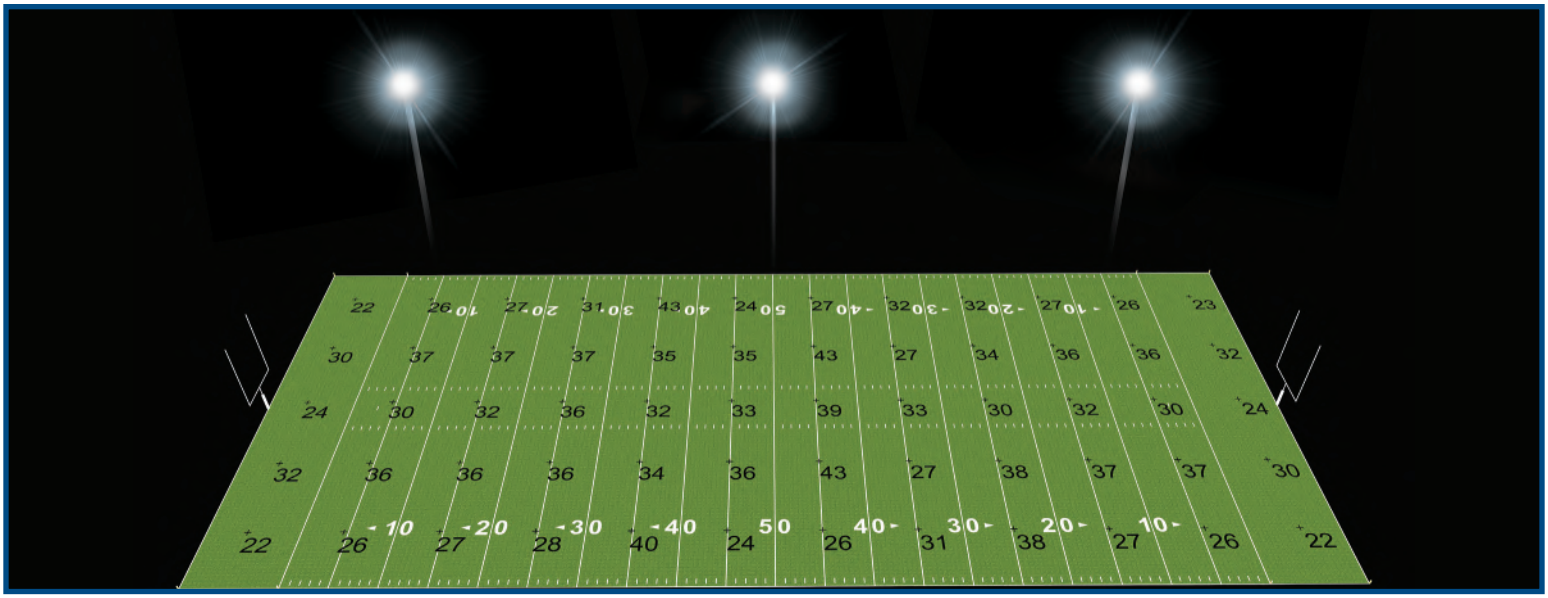
Photometric Performance

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	Catalog Number	LLF	Lumens	Watts
Pole 1, 2, 3, 4, 5, 6	6 Each	THB22536U5K NEMA 2x2	0.95	61,271	589
	1 Each	THB44536U5K NEMA 4x4	0.95	64,863	589

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