

LEDVANCE Luminaires

WATTAGE SELECTABLE SPORTS LIGHT

PERFORMANCE CLASS

Application

Ideal for illuminating baseball, football, soccer fields, and other sports arenas, these luminaires can be used for large general area, including high-mast, lighting as well. Replacing up to 2000W HID lamps, these luminaires offer substantial energy savings and are offered in 3x3, 4x4, and 5x5 flood distributions.

Benefits and Features

- ANSI 3G vibration ratings as well as IK08, IP65 ratings, and polycarbonate lens ensure a robust and durable housing
 - Powder Coated Black Finish (RAL #9005)
- 10kV surge suppression offers an additional layer of protection and endurance
- Multiple distribution types for all outdoor sporting environments
- Up to 137 LPW
- 5000K CCT Standard (4000K and 5700K available as PTO)
- CRI >70
- Offered in wattage selectable Max 400, 500, 750 and 1200 watts
- Energy savings up to 64%

Electrical

- 277-480VAC/120-277VAC (500w only)
- Power Factor >90%
- THD <20%
- 10kV surge protection
- 0-10V dimmable

Rated Life

- 150,000 hours (L₇₀)

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -40°F to +112°F (-40°C to +45°C)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
750W MH	820	400	51%
750W HPS	840	400	52%
1000W MH	1080	400	63%
1000W HPS	1100	400	64%
750W MH	820	500	39%
750W HPS	840	500	40%
1000W MH	1080	500	54%
1000W HPS	1100	500	55%
1000W MH	1080	750	31%
1000W HPS	1100	750	32%
1500W MH	1610	750	53%
1650W MH	1765	750	58%
1500W MH	1610	1200	25%
1650W MH	1765	1200	32%
2000W MH	2140	1200	44%

Certifications and Listings

- cULus wet rated
- RoHS
- FCC
- IP65
- IK08
- DLC 5.1 Premium

Installation

- all luminaires ship with visor, yoke mount, and laser pointer
- Slipfitter accessory available



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

SPORTLT	1A	SXXXX	XXV	D	7	XX	XXX	BL
Product Name	Generation	Wattage	Voltage	Dimming	CRI	Color Temp	NEMA Flood Distribution Type	Color/Finish
SPORTLT = Sports Light Luminaire	1A= Generation 1A	S400 = 200/300/400W S500 = 300/400/500W S750 = 450/600/750W S1200 = 800/1000/1200W	HUV = 277-480V UNV = 120-277V	D = 0-10V dimmable	7 = >70	40 = 4000K* 50 = 5000K 57 = 5700K*	3x3 = 3x3 4x4 = 4x4 5x5 = 5x5	BL = Black Finish

*Purchase to Order

Ordering Information

Item Number	Ordering Abbreviation	Wattage	Input Voltage	Dimming	CRI	Color Temp	Distribution	Total Fixture Lumens	DLC	LPW	PTO*
HUV (277-480V)											
62661	SPORTLT1AS400HUV7404X4BL	200/300/400	277-480	0-10V	>70	4000K	4X4	29,000/42,000/52,000	5.1 Prm	132	PTO
62662	SPORTLT1AS400HUV7405X5BL	200/300/400	277-480	0-10V	>70	4000K	5X5	29,000/42,000/52,000	5.1 Prm	132	PTO
62640	SPORTLT1AS400HUV7504X4BL	200/300/400	277-480	0-10V	>70	5000K	4X4	29,000/42,000/52,000	5.1 Prm	132	
62651	SPORTLT1AS400HUV7505X5BL	200/300/400	277-480	0-10V	>70	5000K	5X5	29,000/42,000/52,000	5.1 Prm	132	
62645	SPORTLT1AS400HUV7574X4BL	200/300/400	277-480	0-10V	>70	5700K	4X4	29,000/42,000/52,000	5.1 Prm	132	PTO
62646	SPORTLT1AS400HUV7575X5BL	200/300/400	277-480	0-10V	>70	5700K	5X5	29,000/42,000/52,000	5.1 Prm	132	PTO
62663	SPORTLT1AS500HUV7405X5BL	300/400/500	277-480	0-10V	>70	4000K	5X5	44,000/56,000/67,000	5.1 Prm	132	PTO
62643	SPORTLT1AS500HUV7504X4BL	300/400/500	277-480	0-10V	>70	5000K	4X4	44,000/56,000/67,000	5.1 Prm	132	
62652	SPORTLT1AS500HUV7505X5BL	300/400/500	277-480	0-10V	>70	5000K	5X5	44,000/56,000/67,000	5.1 Prm	132	
62647	SPORTLT1AS500HUV7575X5BL	300/400/500	277-480	0-10V	>70	5700K	5X5	44,000/56,000/67,000	5.1 Prm	132	PTO
62681	SPORTLT1AS750HUV7403X3BL	450/600/750	277-480	0-10V	>70	4000K	3X3	65,000/84,000/102,000	5.1 Prm	137	PTO
62682	SPORTLT1AS750HUV7404X4BL	450/600/750	277-480	0-10V	>70	4000K	4X4	65,000/84,000/102,000	5.1 Prm	137	PTO
62683	SPORTLT1AS750HUV7405X5BL	450/600/750	277-480	0-10V	>70	4000K	5X5	65,000/84,000/102,000	5.1 Prm	137	PTO
62653	SPORTLT1AS750HUV7503X3BL	450/600/750	277-480	0-10V	>70	5000K	3X3	65,000/84,000/102,000	5.1 Prm	137	
62641	SPORTLT1AS750HUV7504X4BL	450/600/750	277-480	0-10V	>70	5000K	4X4	65,000/84,000/102,000	5.1 Prm	137	
62654	SPORTLT1AS750HUV7505X5BL	450/600/750	277-480	0-10V	>70	5000K	5X5	65,000/84,000/102,000	5.1 Prm	137	
62687	SPORTLT1AS750HUV7573X3BL	450/600/750	277-480	0-10V	>70	5700K	3X3	65,000/84,000/102,000	5.1 Prm	137	PTO
62688	SPORTLT1AS750HUV7574X4BL	450/600/750	277-480	0-10V	>70	5700K	4X4	65,000/84,000/102,000	5.1 Prm	137	PTO
62689	SPORTLT1AS750HUV7575X5BL	450/600/750	277-480	0-10V	>70	5700K	5X5	65,000/84,000/102,000	5.1 Prm	137	PTO
62684	SPORTLT1AS1200HUV7403X3BL	800/1000/1200	277-480	0-10V	>70	4000K	3X3	116,000/140,000/162,000	5.1 Prm	137	PTO
62685	SPORTLT1AS1200HUV7404X4BL	800/1000/1200	277-480	0-10V	>70	4000K	4X4	116,000/140,000/162,000	5.1 Prm	137	PTO
62686	SPORTLT1AS1200HUV7405X5BL	800/1000/1200	277-480	0-10V	>70	4000K	5X5	116,000/140,000/162,000	5.1 Prm	137	PTO
62655	SPORTLT1AS1200HUV7503X3BL	800/1000/1200	277-480	0-10V	>70	5000K	3X3	116,000/140,000/162,000	5.1 Prm	137	
62642	SPORTLT1AS1200HUV7504X4BL	800/1000/1200	277-480	0-10V	>70	5000K	4X4	116,000/140,000/162,000	5.1 Prm	137	
62656	SPORTLT1AS1200HUV7505X5BL	800/1000/1200	277-480	0-10V	>70	5000K	5X5	116,000/140,000/162,000	5.1 Prm	137	
62690	SPORTLT1AS1200HUV7573X3BL	800/1000/1200	277-480	0-10V	>70	5700K	3X3	116,000/140,000/162,000	5.1 Prm	137	PTO
62691	SPORTLT1AS1200HUV7574X4BL	800/1000/1200	277-480	0-10V	>70	5700K	4X4	116,000/140,000/162,000	5.1 Prm	137	PTO
62692	SPORTLT1AS1200HUV7575X5BL	800/1000/1200	277-480	0-10V	>70	5700K	5X5	116,000/140,000/162,000	5.1 Prm	137	PTO
UNV (120-277V)											
62932	SPORTLT1AS500UNVD7504X4BL	300/400/500	120-277	0-10V	>70	5000K	4X4	44,000/56,000/67,000	5.1 Prm	132	
62933	SPORTLT1AS500UNVD7505X5BL	300/400/500	120-277	0-10V	>70	5000K	5X5	44,000/56,000/67,000	5.1 Prm	132	

*Purchase to Order

Accessories

Item Number	Ordering Abbreviation	Description
63222	SPORTLT1A/LASERPOINTER	Laser Pointer
63422	SPORTLT1A/SLIPFITTER/BL/SM	Small Slipfitter, Black (400/500W)
63423	SPORTLT1A/SLIPFITTER/BL/MED	Medium Slipfitter, Black (750W)
63424	SPORTLT1A/SLIPFITTER/BL/LRG	Large Slipfitter, Black (1200W)

Slip Fitter for 400-500W



Slip Fitter for 750-1200W



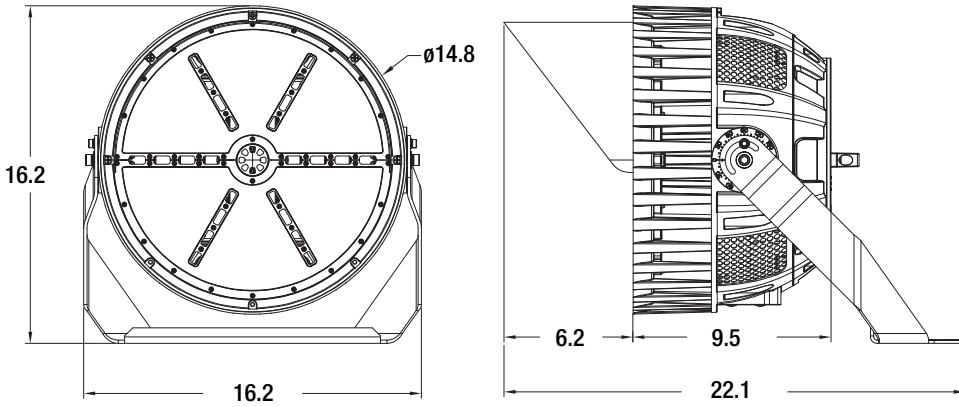
Laser Pointer



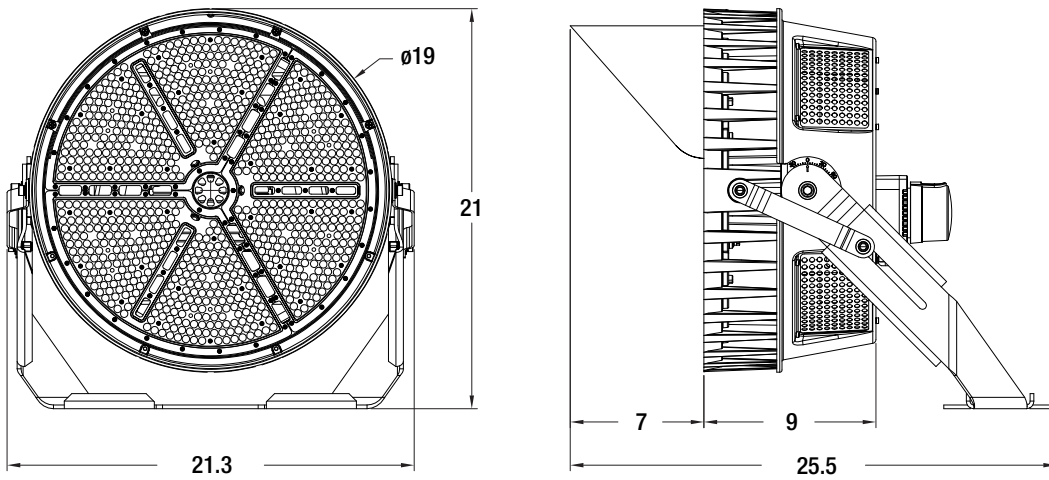
Physical Information

Luminaire Description	Length (inches)	Width (inches)	Height (inches)	Weight (lb)	EPA	Cord Length
400/500W	16.2	15.9	16.1	33	1.6	1150mm/3.75'
750W	21.3	18.5	21	51	2.4	1150mm/3.75'
1200W	22.8	19.8	22.5	75	3.1	1150mm/3.75'

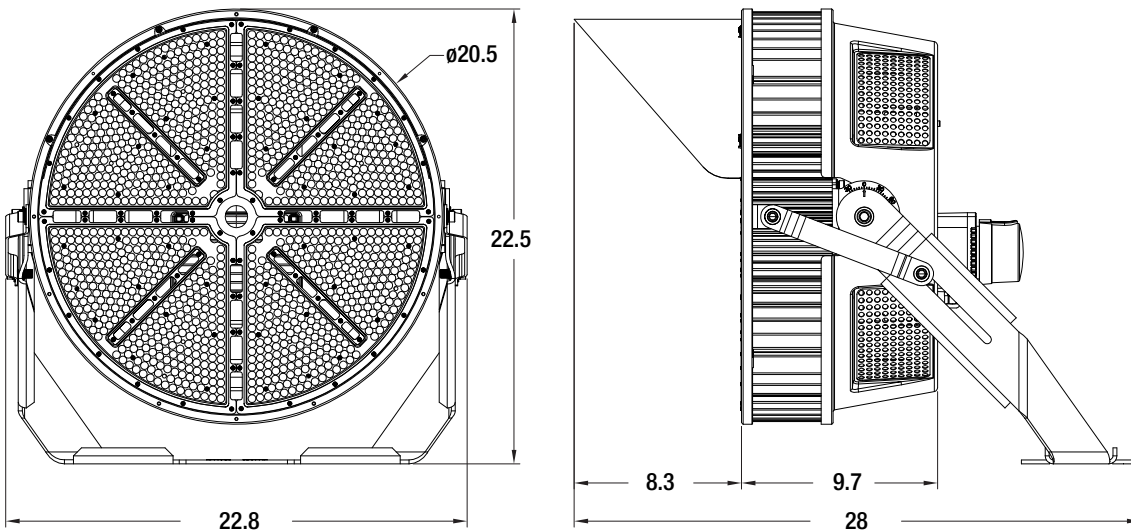
400-500W



750W



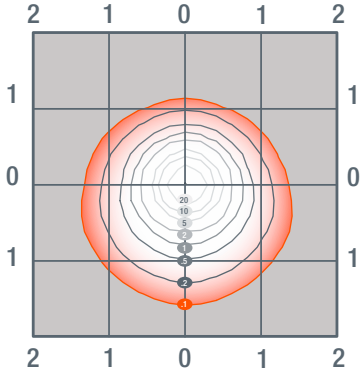
1200W



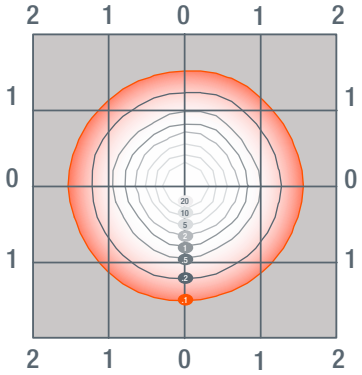
Dimensions in inches

Photometric Information

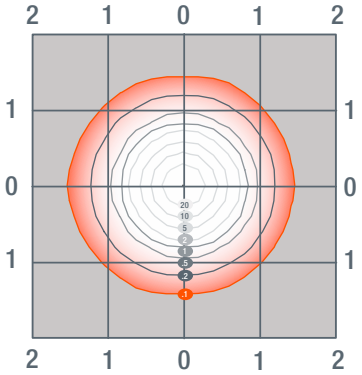
400W 4x4 60ft



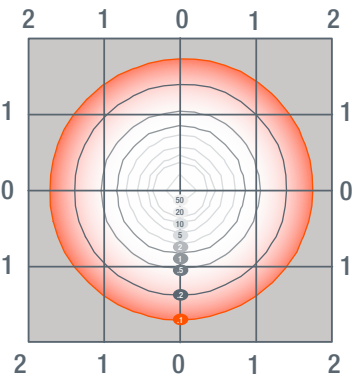
500W 4x4 60ft



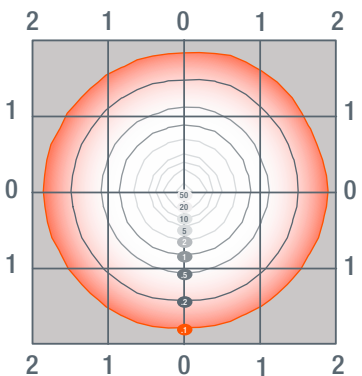
500W 5x5 60ft



750W 4x4 60ft



120W 4x4 90ft



Multiplier Information

Mounting Height (ft)	45	50	55	60	65	70
Multiplier	1.78	1.44	1.19	1	0.85	0.73

Mounting Height (ft)	75	80	85	90	95	100
Multiplier	1.44	1.27	1.12	1	0.9	0.81

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