

LEDVANCE LUMINAIRES

WATTAGE SELECTABLE SPORTS

LIGHT WITH REMOTE DRIVER

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

PERFORMANCE CLASS™



APPLICATION

Ideal for illuminating baseball, football and soccer fields, tennis courts and other sports arenas, these luminaires can also be used for municipal parks and industrial areas, including high-mast applications. The remote driver allows for easier maintenance and greater flexibility of applications.

BENEFITS & FEATURES

- Up to 145 LPW
- ANSI 3G vibration rating, IP65 ratings, and polycarbonate lens ensure a robust and durable housing
- Powder Coated Black Finish (RAL #9017)
- 10kV surge suppression offers an additional layer of protection and endurance
- NEMA 3x3, 4x4 and 5x5 distributions to provide even and effective illumination and application flexibility
- 5000K CCT Standard (4000K and 5700K available as MTO)
- CRI >70
- Offered in wattage selectable max 400, 500, 600, 750, 1000, 1200, and 1500W
- Remote driver mounting capability up to 160'
- Energy savings up to 60%



ELECTRICAL

- 120-277 | 200-480VAC
- Power Factor > 0.9
- THD < 20%
- 10kV Surge protection
- Dimmable (0-10V)

WARRANTY

- 5 year
- NLB Trusted Warranty Program

CERTIFICATIONS & LISTINGS

- cULus, wet rated
- RoHS
- FCC
- IP65
- DLC 5.1 premium
- 3G – ANSI C136.31

RATED LIFE

- 100,000 hours (L₇₀)

OPERATING TEMPERATURE

- -40°F to +122°F (-40°C to +50°C)
for 400W, 500W, 750W, 1200W
- -40°F to +114°F (-40°C to +45°C)
for 600W, 1000W, 1500W

INSTALLATION

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

WATTAGE COMPARISON

LED SOURCE WATTAGE/LUMENS	REPLACES TRADITIONAL SOURCE	ENERGY SAVINGS
400W/58,000lm	MH	1000W
500W/72,500lm		1000W
600W/84,000lm		1500W
750W/108,750lm		1500W
1000W/140,000lm		2000W
1200W/174,000lm		2x1500W
1500W/210,000lm		2x1500W
		60%
		50%
		60%
		50%
		50%
		60%
		50%

ORDERING GUIDE

SPORTLT	1ARD	XX	XXX	D	7	XX	XX	BL
PRODUCT NAME	GENERATION	WATTAGE	VOLTAGE	DIMMING	CRI	COLOR TEMP	NEMA FLOOD DISTRIBUTION	COLOR/ FINISH
SPORTLT = Sports Light Luminaire	1ARD = Generation 1A, Remote Driver version	400 = 200/300/400W 500 = 300/400/500W 600 = 300/450/600W 750 = 450/600/750W 1000 = 600/800/1000W 1200 = 800/1000/1200W 1500 = 1000/1200/1500W	HUV = 200-480V UNV = 120-277V	D = 0-10V dimmable	7 = >70	40 = 4000K* 50 = 5000K 57 = 5700K*	3x3 = 3x3 4x4 = 4x4 5x5 = 5x5	BL = Black

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	DISTRIBUTION	TOTAL LUMENS (LM)	LPW	DLC**	MTO*
65803	SPORTLT1ARDS400UNVD7504X4BL	200/300/400	120-277	0-10	>70	5000K	4x4	29000/43500 /58000	145	5.1 Prm.	✓
65804	SPORTLT1ARDS400UNVD7505X5BL	200/300/400	120-277	0-10	>70	5000K	5x5	29000/43500 /58000	145	5.1 Prm.	✓
65805	SPORTLT1ARDS500UNVD7503X3BL	300/400/500	120-277	0-10	>70	5000K	3x3	43500/58000 /72500	145	5.1 Prm.	✓
65806	SPORTLT1ARDS500UNVD7504X4BL	300/400/500	120-277	0-10	>70	5000K	4x4	43500/58000 /72500	145	5.1 Prm.	–
65807	SPORTLT1ARDS500UNVD7505X5BL	300/400/500	120-277	0-10	>70	5000K	5x5	43500/58000 /72500	145	5.1 Prm.	–
65998	SPORTLT1ARDS600UNVD7503X3BL	300/450/600	120-277	0-10	>70	5000K	3x3	42000/63000 /84000	140	5.1 Prm.	✓

ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIM. (V)	CRI	COLOR TEMP (CCT)	DISTRIBUTION	TOTAL LUMENS (LM)	LPW	DLC**	MTO*
65999	SPORTLT1ARDS600UNVD7504X4BL	300/450/600	120-277	0-10	>70	5000K	4x4	42000/63000 /84000	140	5.1 Prm.	✓
66000	SPORTLT1ARDS600UNVD7505X5BL	300/450/600	120-277	0-10	>70	5000K	5x5	42000/63000 /84000	140	5.1 Prm.	✓
66001	SPORTLT1ARDS750UNVD7503X3BL	450/600/750	120-277	0-10	>70	5000K	3x3	65250/87000 /108750	145	5.1 Prm.	–
66002	SPORTLT1ARDS750UNVD7504X4BL	450/600/750	120-277	0-10	>70	5000K	4x4	65250/87000 /108750	145	5.1 Prm.	–
66003	SPORTLT1ARDS750UNVD7505X5BL	450/600/750	120-277	0-10	>70	5000K	5x5	65250/87000 /108750	145	5.1 Prm.	–
65989	SPORTLT1ARDS1000UNVD7503X3BL	600/800/1000	120-277	0-10	>70	5000K	3x3	84000/112000 /140000	140	5.1 Prm.	✓
65990	SPORTLT1ARDS1000UNVD7504X4BL	600/800/1000	120-277	0-10	>70	5000K	4x4	84000/112000 /140000	140	5.1 Prm.	✓
65991	SPORTLT1ARDS1000UNVD7505X5BL	600/800/1000	120-277	0-10	>70	5000K	5x5	84000/112000 /140000	140	5.1 Prm.	✓
65992	SPORTLT1ARDS1200UNVD7503X3BL	800/1000/1200	120-277	0-10	>70	5000K	3x3	116000/145000 /174000	145	5.1 Prm.	–
65993	SPORTLT1ARDS1200UNVD7504X4BL	800/1000/1200	120-277	0-10	>70	5000K	4x4	116000/145000 /174000	145	5.1 Prm.	–
65994	SPORTLT1ARDS1200UNVD7505X5BL	800/1000/1200	120-277	0-10	>70	5000K	5x5	116000/145000 /174000	145	5.1 Prm.	–
65995	SPORTLT1ARDS1500UNVD7503X3BL	1000/1200/1500	120-277	0-10	>70	5000K	3x3	140000/168000 /210000	140	5.1 Prm.	–
65996	SPORTLT1ARDS1500UNVD7504X4BL	1000/1200/1500	120-277	0-10	>70	5000K	4x4	140000/168000 /210000	140	5.1 Prm.	–
65997	SPORTLT1ARDS1500UNVD7505X5BL	1000/1200/1500	120-277	0-10	>70	5000K	5x5	140000/168000 /210000	140	5.1 Prm.	–
65984	SPORTLT1ARDS400HUV7504X4BL	200/300/400	200-480	0-10	>70	5000K	4x4	29000/43500 /58000	145	5.1 Prm.	✓
65985	SPORTLT1ARDS400HUV7505X5BL	200/300/400	200-480	0-10	>70	5000K	5x5	29000/43500 /58000	145	5.1 Prm.	✓
65986	SPORTLT1ARDS500HUV7503X3BL	300/400/500	200-480	0-10	>70	5000K	3x3	43500/58000 /72500	145	5.1 Prm.	✓
65987	SPORTLT1ARDS500HUV7504X4BL	300/400/500	200-480	0-10	>70	5000K	4x4	43500/58000 /72500	145	5.1 Prm.	–
65988	SPORTLT1ARDS500HUV7505X5BL	300/400/500	200-480	0-10	>70	5000K	5x5	43500/58000 /72500	145	5.1 Prm.	–
65930	SPORTLT1ARDS600HUV7503X3BL	300/450/600	200-480	0-10	>70	5000K	3x3	42000/63000 /84000	140	5.1 Prm.	✓
65931	SPORTLT1ARDS600HUV7504X4BL	300/450/600	200-480	0-10	>70	5000K	4x4	42000/63000 /84000	140	5.1 Prm.	✓
65932	SPORTLT1ARDS600HUV7505X5BL	300/450/600	200-480	0-10	>70	5000K	5x5	42000/63000 /84000	140	5.1 Prm.	✓
65933	SPORTLT1ARDS750HUV7503X3BL	450/600/750	200-480	0-10	>70	5000K	3x3	65250/87000 /108750	145	5.1 Prm.	–
65934	SPORTLT1ARDS750HUV7504X4BL	450/600/750	200-480	0-10	>70	5000K	4x4	65250/87000 /108750	145	5.1 Prm.	–
65935	SPORTLT1ARDS750HUV7505X5BL	450/600/750	200-480	0-10	>70	5000K	5x5	65250/87000 /108750	145	5.1 Prm.	–
65974	SPORTLT1ARDS1000HUV7503X3BL	600/800/1000	200-480	0-10	>70	5000K	3x3	84000/112000 /140000	140	5.1 Prm.	✓
65975	SPORTLT1ARDS1000HUV7504X4BL	600/800/1000	200-480	0-10	>70	5000K	4x4	84000/112000 /140000	140	5.1 Prm.	✓
65976	SPORTLT1ARDS1000HUV7505X5BL	600/800/1000	200-480	0-10	>70	5000K	5x5	84000/112000 /140000	140	5.1 Prm.	✓
65977	SPORTLT1ARDS1200HUV7503X3BL	800/1000/1200	200-480	0-10	>70	5000K	3x3	116000/145000 /174000	145	5.1 Prm.	–
65978	SPORTLT1ARDS1200HUV7504X4BL	800/1000/1200	200-480	0-10	>70	5000K	4x4	116000/145000 /174000	145	5.1 Prm.	–
65979	SPORTLT1ARDS1200HUV7505X5BL	800/1000/1200	200-480	0-10	>70	5000K	5x5	116000/145000 /174000	145	5.1 Prm.	–
65980	SPORTLT1ARDS1500HUV7503X3BL	1000/1200/1500	200-480	0-10	>70	5000K	3x3	140000/168000 /210000	140	5.1 Prm.	–
65981	SPORTLT1ARDS1500HUV7504X4BL	1000/1200/1500	200-480	0-10	>70	5000K	4x4	140000/168000 /210000	140	5.1 Prm.	–
65982	SPORTLT1ARDS1500HUV7505X5BL	1000/1200/1500	200-480	0-10	>70	5000K	5x5	140000/168000 /210000	140	5.1 Prm.	–

*Made to Order

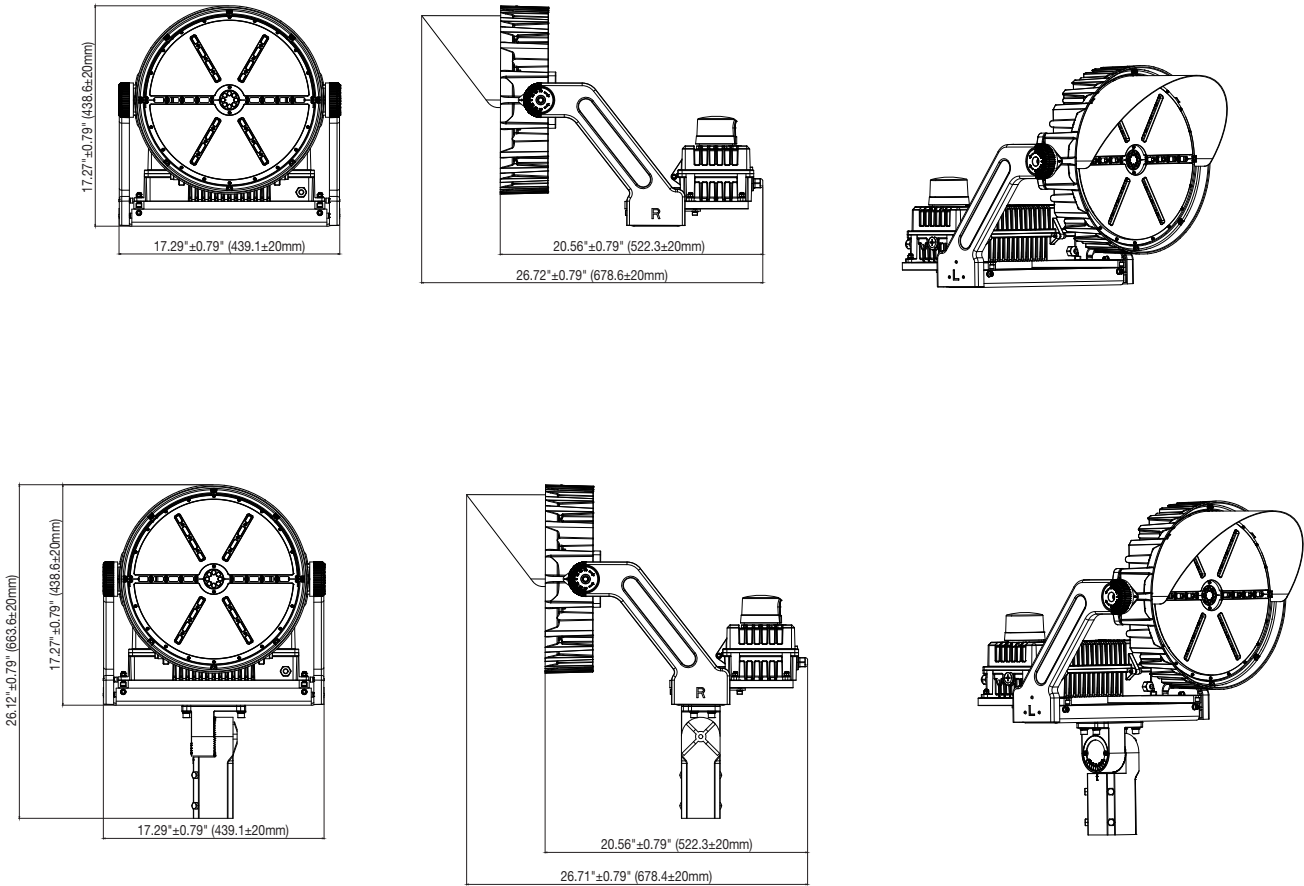
**Coming soon

PHYSICAL INFORMATION

LUMINAIRE WITH YOKE MOUNTING AND VISOR

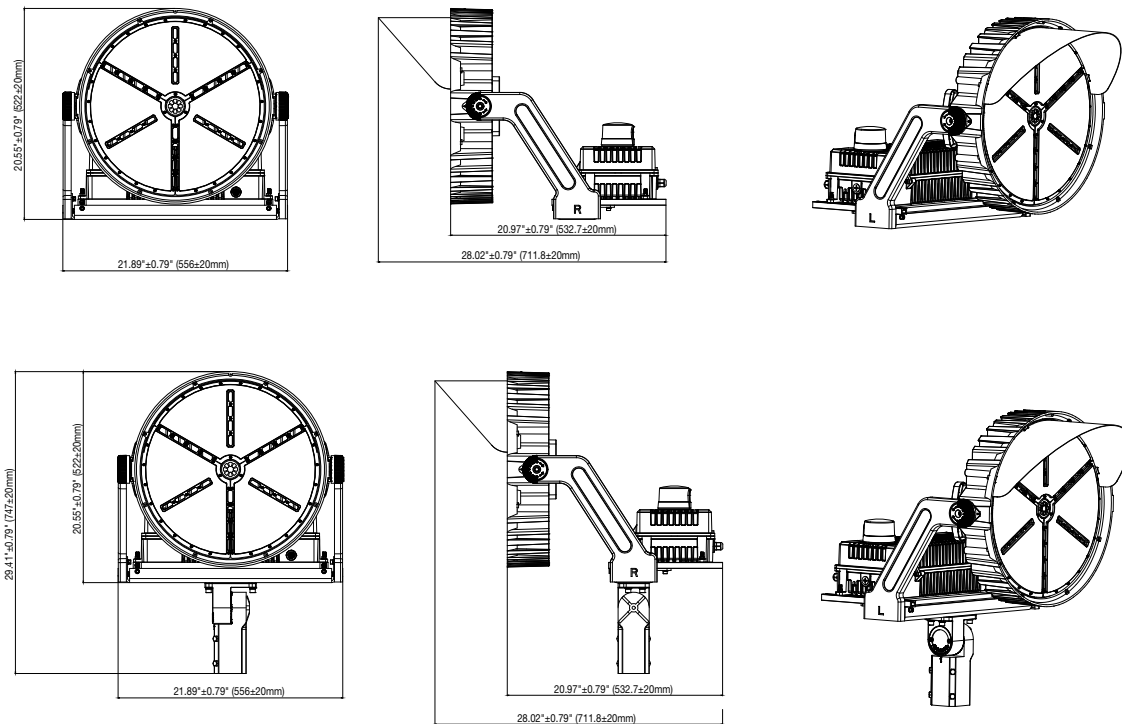
LUMINAIRE DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)	WEIGHT LB (KG)	WEIGHT WITHOUT DRIVER LB (KG)	EPA WITH DRIVER	EPA WITHOUT DRIVER
400/500/600W	17.3 (439)	26.7 (679)	17.3 (439)	34.8 (15.8)	23 (10.4)	2.3	2.1
750W	21.9 (556)	28 (711)	20.6 (522)	53.1 (24.1)	35 (15.9)	3	2.8
1000W	21.9 (556)	28 (711)	20.6 (522)	55.8 (25.3)	35 (15.9)	3	2.8
1200/1500W	24.7 (627)	30.1 (784)	21.7 (550)	63.5 (28.8)	47 (21.3)	3.5	3.5

400-600W

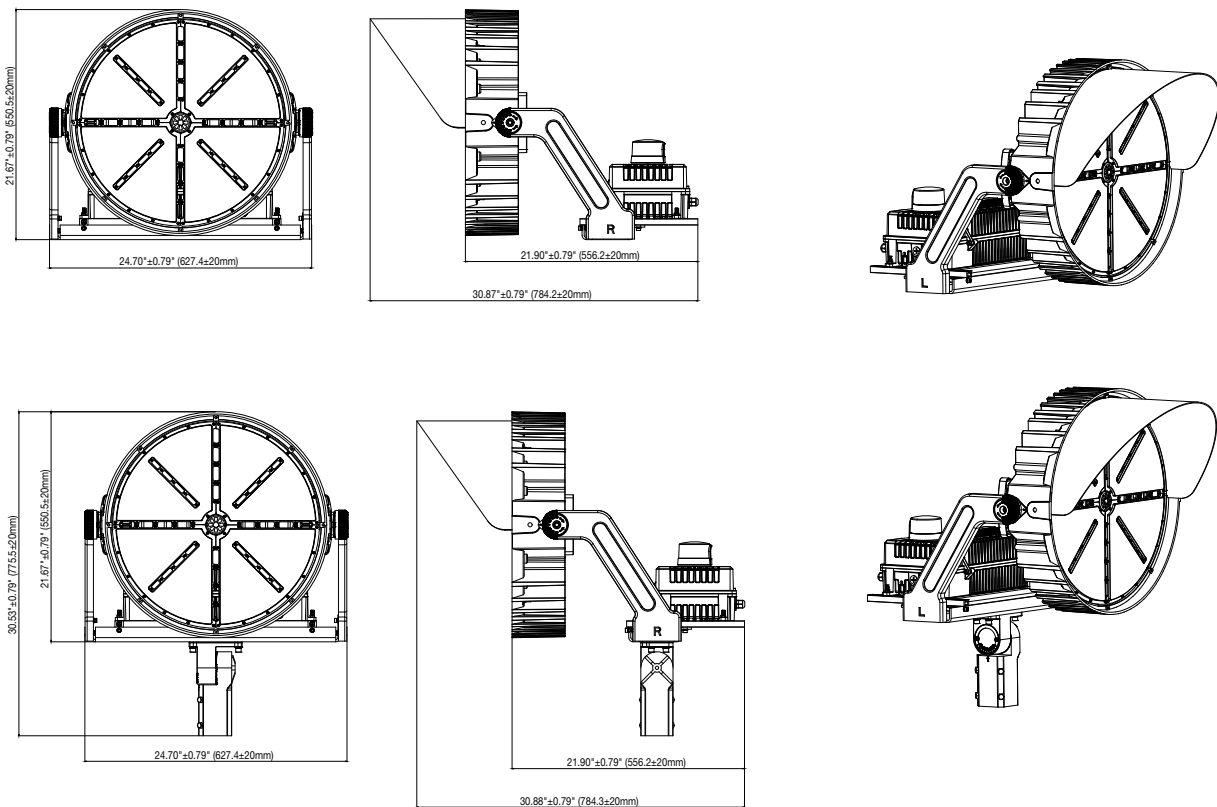


PHYSICAL INFORMATION (CONTINUED)

750-1000W



1200-1500W



ACCESSORIES

ITEM #	ORDERING ABBREVIATION	ITEM DESCRIPTION
Slipfitter		
65409	SPORTSLT1ARDSLIPFITTERBLSM	Small Slip fitter, Black, 400-500-600W products
65410	SPORTSLT1ARDSLIPFITTERBLMED	Medium Slip fitter, Black, 750-1000W products
65411	SPORTSLT1ARDSLIPFITTERBLLRG	Large Slip fitter, Black, 1200-1500W products
Extension Cable — connects remote driver to luminaire head		
65937	SPORTLT1ARDEXTCABLE10	Extension cable, 10'
65938	SPORTLT1ARDEXTCABLE35	Extension cable, 35'
65939	SPORTLT1ARDEXTCABLE65	Extension cable, 65'
Laser Pointer		
63222	SPORTLT1A/LASERPOINTER	Laser Pointer (included in the box)

CABLE



LASER POINTER
(Included in the package
with each luminaire)

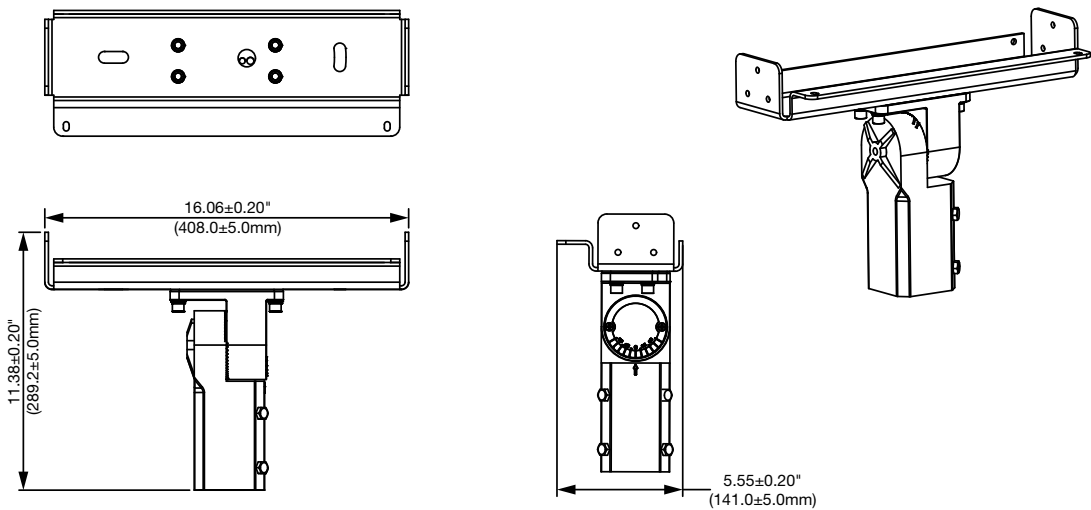


SLIP FITTER

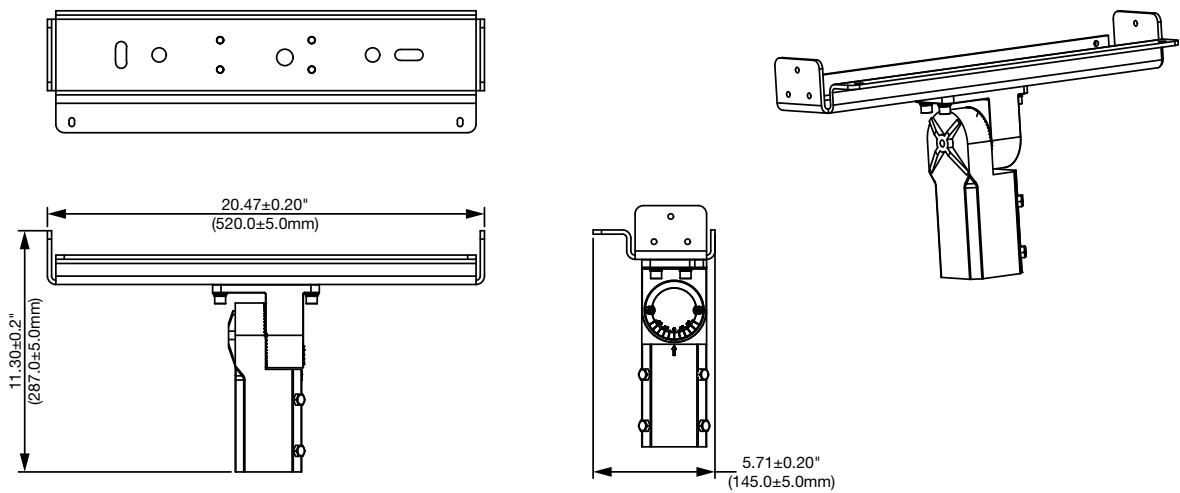


ACCESSORIES (CONTINUED)

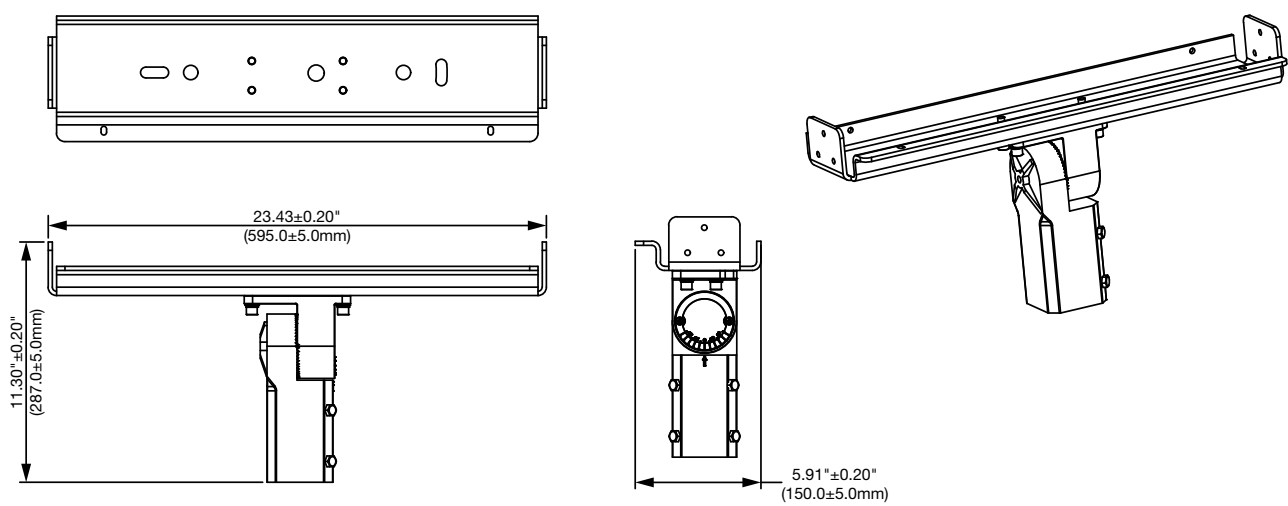
SLIP FITTER
400-600W



750-1000W



1200-1500W

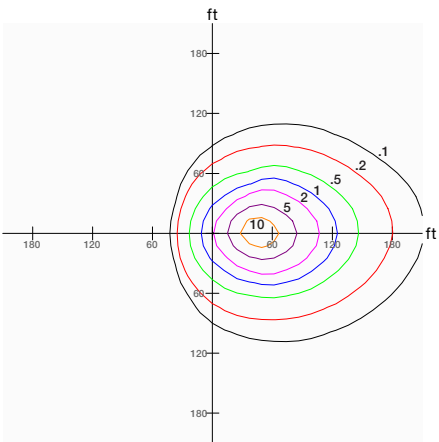


PHOTOMETRIC INFORMATION

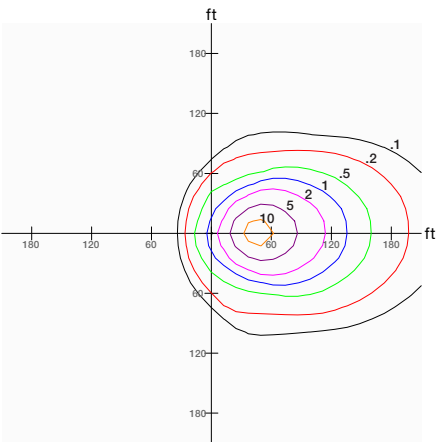
HORIZONTAL ISO FOOT-CANDLE PLOT

LEDVANCE provides lighting layout services on request — please contact your sales representative.

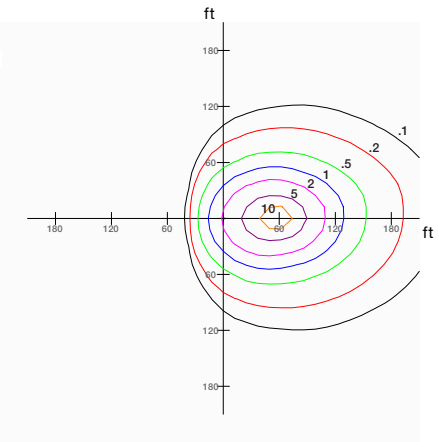
400W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 60'



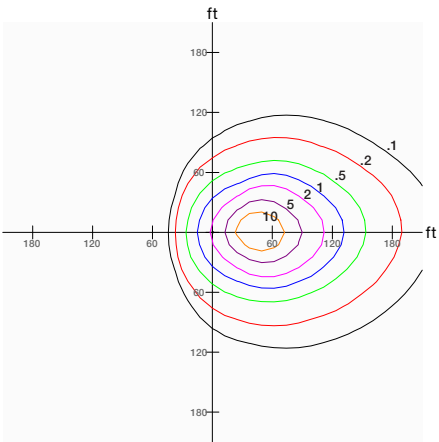
400W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 60'



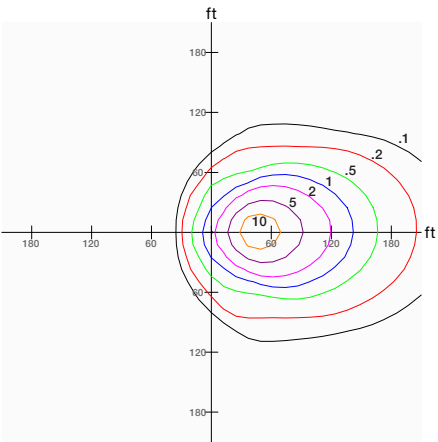
500W Fixture, 3x3 Distribution,
Tilted 45°, Mounted at 60'



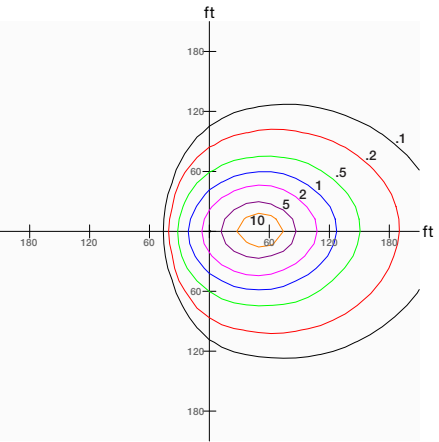
500W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 60'



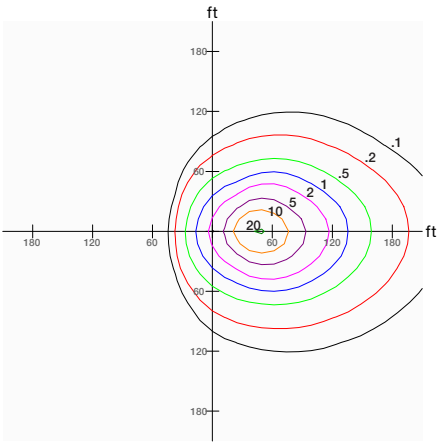
500W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 60'



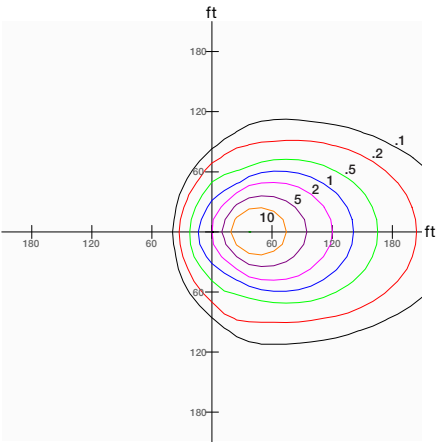
600W Fixture, 3x3 Distribution,
Tilted 45°, Mounted at 60'



600W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 60'



600W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 60'

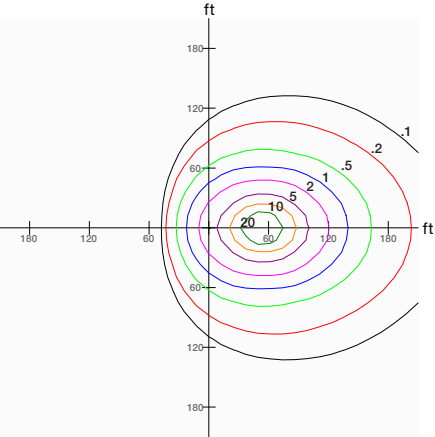


PHOTOMETRIC INFORMATION (CONTINUED)

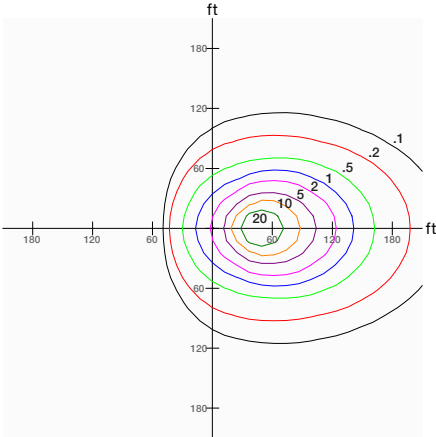
HORIZONTAL ISO FOOT-CANDLE PLOT

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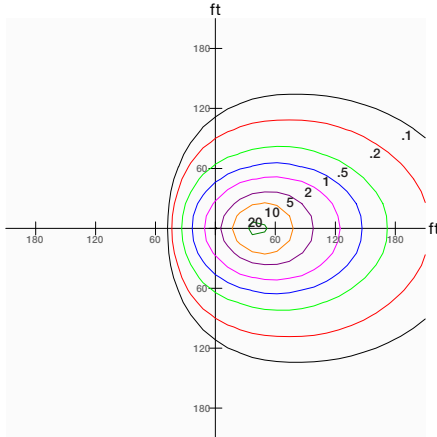
750W Fixture, 3x3 Distribution,
Tilted 45°, Mounted at 60'



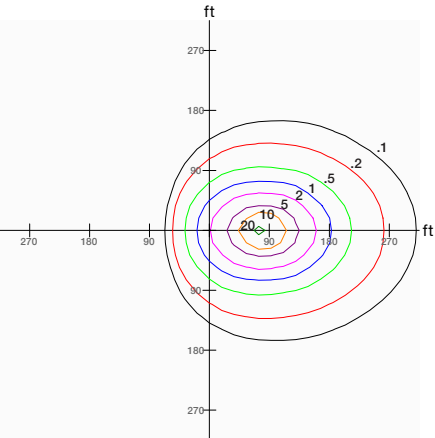
750W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 60'



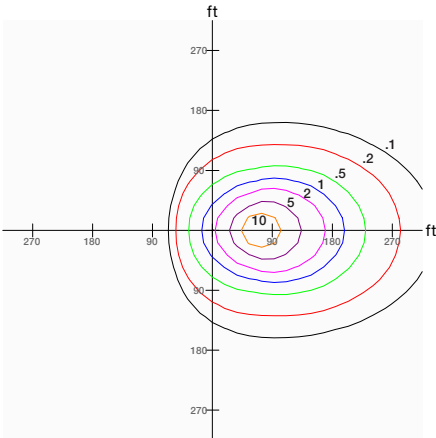
750W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 60'



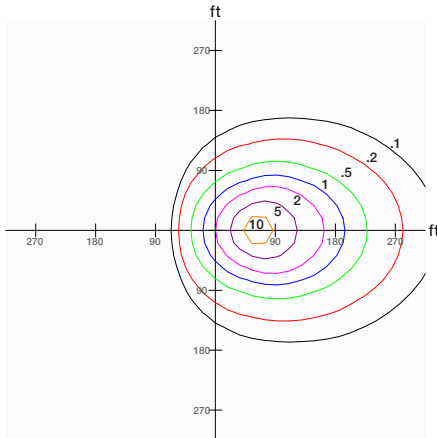
1000W Fixture, 3x3 Distribution,
Tilted 45°, Mounted at 90'



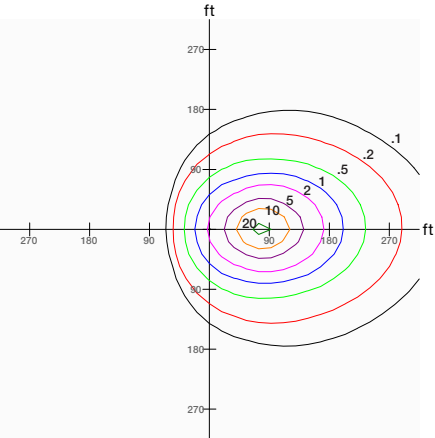
1000W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 90'



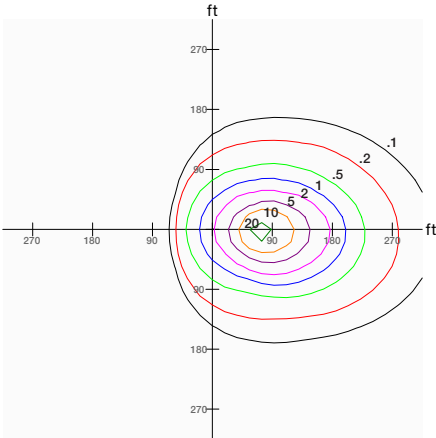
1000W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 90'



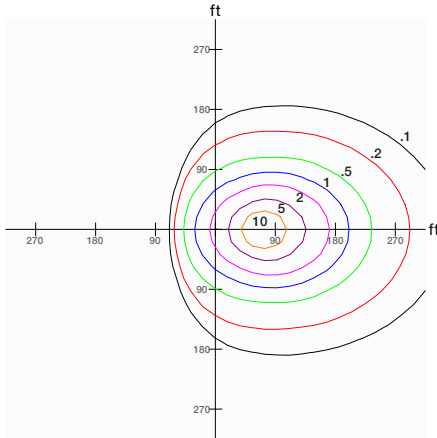
1200W Fixture, 3x3 Distribution,
Tilted 45°, Mounted at 90'



1200W Fixture, 4x4 Distribution,
Tilted 45°, Mounted at 90'



1200W Fixture, 5x5 Distribution,
Tilted 45°, Mounted at 90'

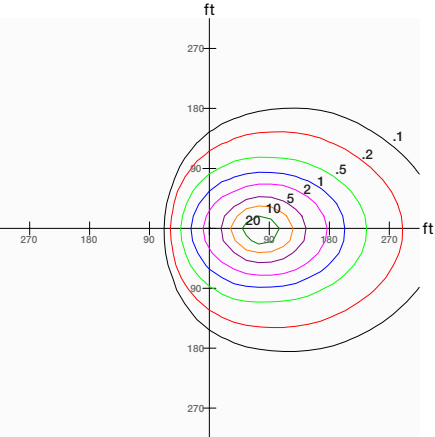


PHOTOMETRIC INFORMATION (CONTINUED)

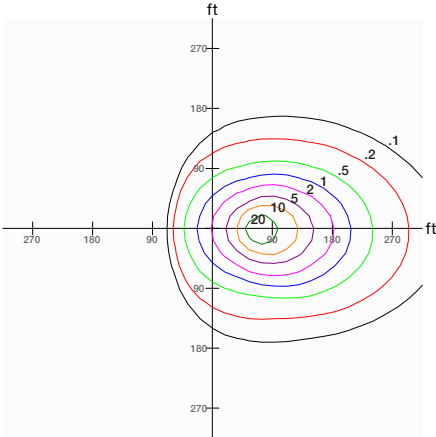
HORIZONTAL ISO FOOT-CANDLE PLOT

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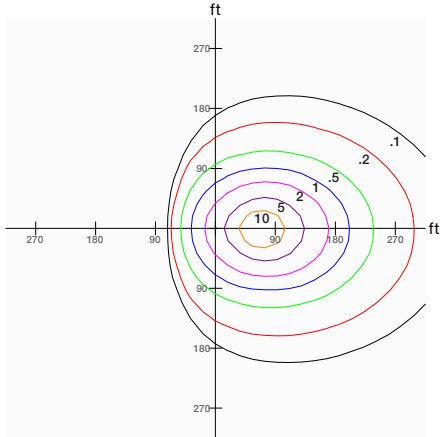
1500W Fixture, 3x3 Distribution, Tilted 45°, Mounted at 90'



1500W Fixture, 4x4 Distribution, Tilted 45°, Mounted at 90'



1500W Fixture, 5x5 Distribution, Tilted 45°, Mounted at 90'



MOUNTING HEIGHT (FT)	40	50	55	60	65	70
MULTIPLIER	2.25	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	0.90	0.81

- Multiply the footcandle levels in the diagram according to the desired installation height
- Each tick on the diagram represents a multiple of the mounting height from the fixture



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