

A3

Arena 3 Sports Light

Project Details

Project	Type
Prepared By	Date



Features & Performance

Bluecolt's Arena 3 is a class-leading solution that delivers high brightness lighting for large sports fields and arenas. Our precision-engineered optics allow above-standard light levels, while minimizing glare and maximizing uniformity.

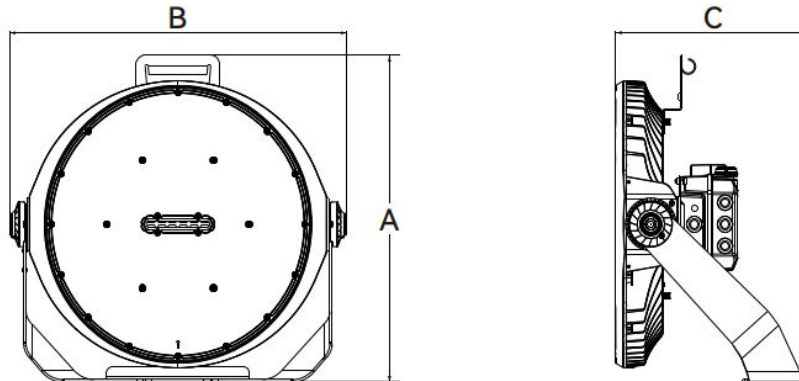
Built for durability and versatility, it is constructed with a robust die-cast aluminum body, advanced lightning-protection, and multiple mounting options for installation versatility.

The A3 features:

- High efficacy: up to 170 Lumens/Watt
- C4 Corrosion resistance, salt spray tested for 1,000+ hours
- Multiple beam angles (12°, 17°, 30°, 45°, 60°)

Efficacy:	Up to 170lm/W
Wattage:	400-1,200W
Input Voltage:	120-277VAC; 200-480VAC; 277-480VAC
CRI:	>70 (>80 Optional)
Operating Temperature:	-22 to 122°F
IP Rating:	IP66
Dimming:	Non-dimming Standard; 0-10V Dimming Optional
Life Expectancy:	>50,000 Hours

Dimensions



	Product code	Luminaire dimensions AxBxC	Product weight ±6%		Package weight ±6%		Carton size	Qty/CTN
			N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
120~277Vac	A3-400WS	400x429x246mm (15.75x16.89x9.68")	9.90kg 21.83lbs	11.59kg 25.55lbs	9.90kg 21.83lbs	11.59kg 25.55lbs	500x485x235mm (19.68x19.09x9.25")	1
	A3-600WS	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs	15.09kg 33.27lbs	12.96kg 28.57lbs	15.09kg 33.27lbs	570x520x235mm (22.44x20.47x9.25")	
	A3-800WS	526x564x326mm (20.71x22.20x12.83")	17.41kg 38.38lbs	20.88kg 46.03lbs	17.41kg 38.38lbs	20.88kg 46.03lbs	670x610x240mm (26.38x24.02x9.45")	
	A3-1K2WS	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs	28.88kg 63.67lbs	25.14kg 55.42lbs	28.88kg 63.67lbs	755x695x275mm (29.72x27.36x10.83")	
200~480Vac	A3-400WS-HV	400x429x246mm (15.75x16.89x9.68")	10.83kg 23.88lbs	12.52kg 27.60lbs	10.83kg 23.88lbs	12.52kg 27.60lbs	500x485x235mm (19.68x19.09x9.25")	
	A3-600WS-HV	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs	15.09kg 33.27lbs	12.96kg 28.57lbs	15.09kg 33.27lbs	570x520x235mm (22.44x20.47x9.25")	
	A3-800WS-HV	526x564x326mm (20.71x22.20x12.83")	17.60kg 38.80lbs	21.07kg 46.45lbs	17.60kg 38.80lbs	21.07kg 46.45lbs	670x610x240mm (26.38x24.02x9.45")	
	A3-1K2WS-HV	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs	28.88kg 63.67lbs	25.14kg 55.42lbs	28.88kg 63.67lbs	755x695x275mm (29.72x27.36x10.83")	
	A3-800WS-RGB	526x564x326mm (20.71x22.20x12.83")	18.48kg 40.74lbs	21.95kg 48.39lbs	18.48kg 40.74lbs	21.95kg 48.39lbs	675x590x245mm (26.57x23.23x9.65")	
	A3-1K2WS-RGB	581x648x332mm (22.87x25.51x13.07")	25.31kg 55.80lbs	29.05kg 64.04lbs	25.31kg 55.80lbs	29.05kg 64.04lbs	755x670x245mm (29.72x26.38x9.65")	

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Performance Data

Model	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	LPW @ 5,000K Ra70	Watts	Lumens	CRI
BLA3-400WS	1	Yes	5,000K (4,000K Optional)	No	170lm/W	200W	34,000lm	>70 >80 Optional
	2					300W	51,000lm	
	3					400W	68,000lm	
BLA3-600WS	1					400W	68,000lm	
	2					500W	85,000lm	
	3					600W	102,000lm	
BLA3-800WS	1					400W	68,000lm	
	2					600W	102,000lm	
	3					800W	136,000lm	
BLA3-1K2WS	1					800W	136,000lm	
	2					1000W	170,000lm	
	3					1200W	204,000lm	
BLA3-800W-RGB	1	No	RGB	N/A	N/A	800W	N/A	
	2							
	3							
BLA3-1K2W-RGB	1					1200W	N/A	
	2							
	3							

Mounting Options



Bracket Mount

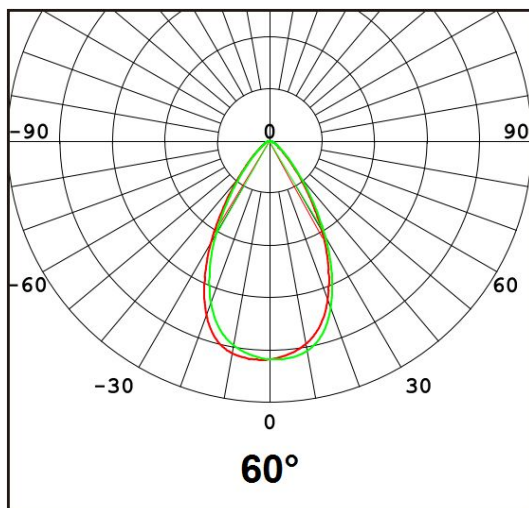
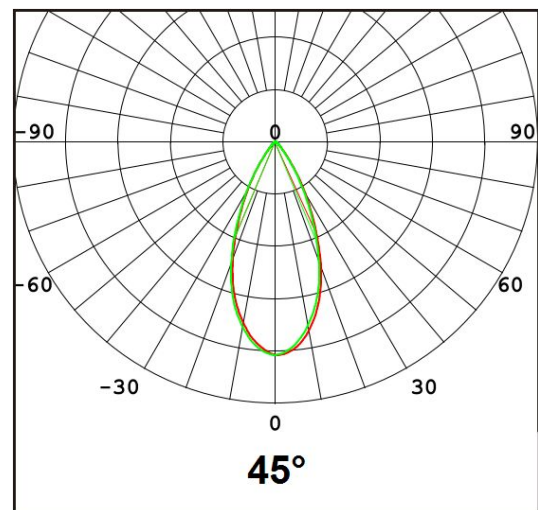
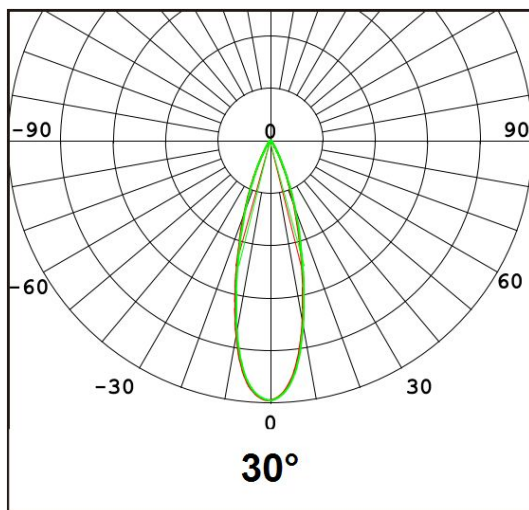
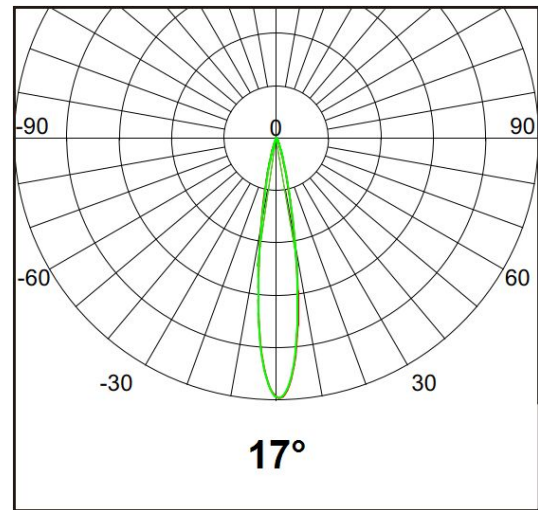
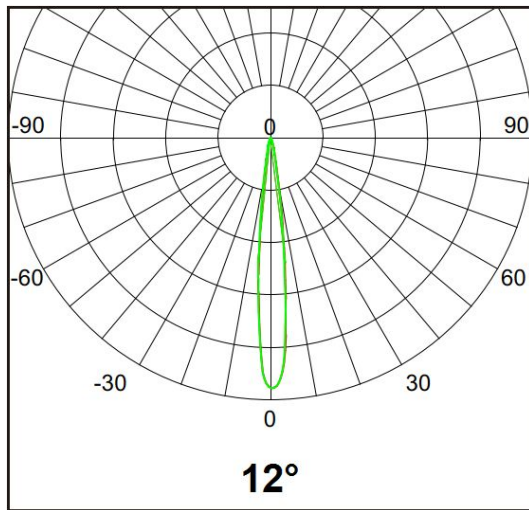


Slipfitter



Quick Clamp Adapter

Photometrics



Technical Specifications

Field Adjustability**Field Adjustable Light Output:**

400W/300W/200W
600W/500W/400W
800W/600W/400W
1200W/800W/600W

Compliance**UL Listed:**

cULus listed for wet locations, max ambient temperature rating 45°C

Construction**Materials:**

Rugged die-cast aluminum housing with powder coating for durability. Castings are sealed with integral gaskets to prevent the ingress of external contaminants.

Finish:

Standard color is Gray (RAL870-3).
Ambient Temperature: -22°F(-30°C) to 122°F(50°C)

Electrical**Driver:**

Power selectable driver with >0.97 PF. 0-10V dimmable driver optional

Input Voltage:

AC120-277V, 50/60Hz
AC200-480V, 50/60Hz
AC277-480V, 50/60Hz

Surge Protection:

10kV L-N, 20kV L/N-E
20kV L-N, 20kV L/N-E

Optics**Polycarbonate Lens:**

High quality PC lens available in 5 different beam angles for precision lighting.
12°; 17°; 30°; 45°; 60°

Warranty

5-year limited warranty.
Complete warranty terms available at:
www.bluecoltlighting.com/warranty

Photometrics

See page 4

Order Guide

PRODUCT TYPE	WATTS	INPUT VOLTAGE	CCT	BEAM ANGLE	MOUNTING	OPTIONS
BLA3 = Bluecolt Lighting Arena 3	400WS = 200/300/400W 600WS = 400/500/600W 800WS = 400/600/800W 1K2WS = 800/1000/1200W —RGB ONLY— 800W 1K2W	(Leave Blank For Standard 120-277VAC) HV = 200-480VAC	4K = 4,000K 5K = 5,000K RGB = RGB	12D = 12° 17D = 17° 30D = 30° 45D = 45° 60D = 60°	BM = Bracket Mount SF = Slipfitter Mount QC = Quick Clamp Adapter	DIM = 0-10V Dimming Driver GS = Glare Shield/Visor
NOTES						
Contact clients@bluecoltlighting.com for questions or additional customization options.						
SAMPLE ITEM#	BLA3-800WS-5K-30D-BM-GS					