



New Edge LED Sports Lighting 120W~1200W

FEATURES

- System Light Efficacy 160~165 LPW
- Ultra Bright, Up to 192,000Lm
- Flexible, Modular Design
- Multiple Choice of Optical Lenses
- Easy Installation & Maintenance
- 20 Years Warranty (Replacement Parts)
- IP66

TYPICAL APPLICATIONS

- Outdoor Sports Arena and Stadium
- General Flood Lighting

SPECIFICATIONS

PERFORMANCE

LED Chip	Philips Lumileds
Color Temperature	4500~5500K (2500~5500K Optional)
CRI	≥70
Lumen Maintenance	L70>150,000 Hours (Calculated Using Tm-21 Calculator)
Input Voltage	100-277 VAC (347/480 VAC Optional) Dimming Optional
Power Factor	0.95 Minimum
IP Rating	IP66
IK Rating	IK10
Surface Treatment	Corrosive resistant polyester powder coat finish
Lens Material	PC 3000U

ENVIRONMENTAL

Operating Temperature	-30 to 50°C (-22 to 122°F)
Storing Temperature	-40 to 80°C (-40 to 176°F)
Humidity	15% to 95% RH

PHYSICAL

Fixture Material	Aluminum Alloy
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WARRANTY

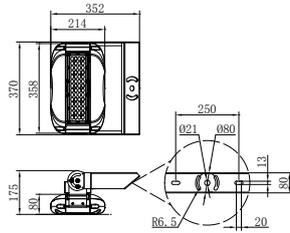
20 Years Replacement Parts

■ Specifications

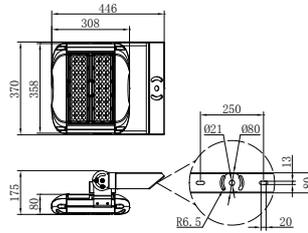
Picture	Part#	Power	NO. of Modules	Efficacy(IES)	Total Lumen	N.W	EPA	Product Dimensions
	BT-FLN-120	120W	1	160LPW	19,200lm	5.4kg/11.9lbs	/	352x370x175mm 13.9x14.6x6.9in
	BT-FLN-200	200W	2	165LPW	33,000lm	6.5kg/14.3lbs	/	446x370x175mm 17.6x14.6x6.9in
	BT-FLN-300	300W	3	165LPW	49,500lm	7.5kg/16.5lbs	1.04ft ² @30° 1.36ft ² @45° 1.62ft ² @60°	540x370x175mm 21.3x14.6x6.9in
	BT-FLN-400	400W	4	165LPW	66,000lm	7.9kg/17.4lbs	1.25ft ² @30° 1.66ft ² @45° 1.98ft ² @60°	619x410x175mm 24.4x16.1x6.9in
	BT-FLN-600	600W	5	160LPW	96,000lm	12.5kg/27.6lbs	1.36ft ² @30° 1.96ft ² @45° 2.35ft ² @60°	713x410x180mm 28.1x16.1x7.1in
	BT-FLN-800	800W	7	160LPW	128,000lm	17.5kg/38.6lbs	1.42ft ² @30° 1.98ft ² @45° 2.47ft ² @60°	910x420x180mm 35.8x16.5x7.1in
	BT-FLN-960	960W	8	160LPW	153,600lm	20.3kg/44.8lbs	1.59ft ² @30° 2.23ft ² @45° 2.77ft ² @60°	1004x420x180mm 39.5x16.5x7.1in
	BT-FLN-1200	1200W	10	160LPW	192,000lm	25.7kg/56.7lbs	1.94ft ² @30° 2.71ft ² @45° 3.37ft ² @60°	1192x420x180mm 46.9x16.5x7.1in



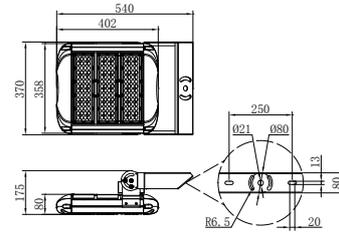
■ **Product Dimensions**



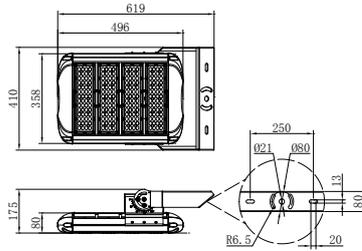
120W



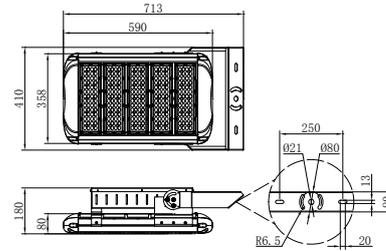
200W



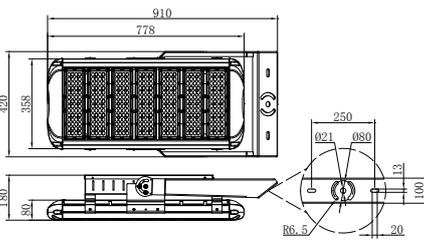
300W



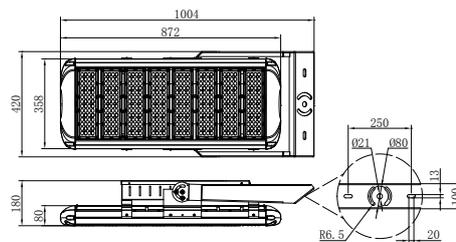
400W



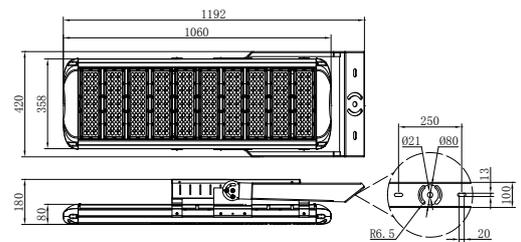
600W



800W



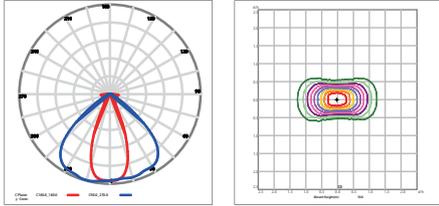
960W



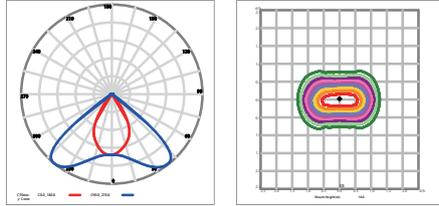
1200W

■ **Photometrics**

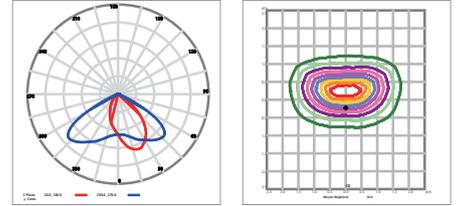
40×100°



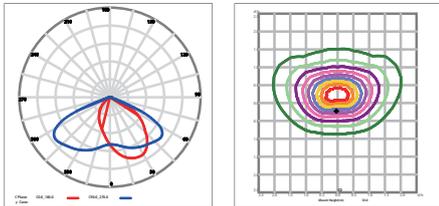
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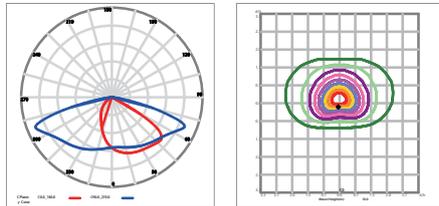
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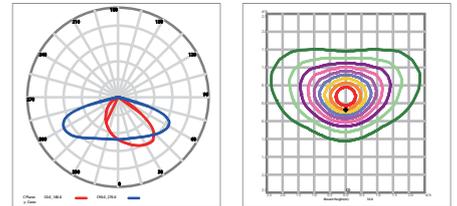
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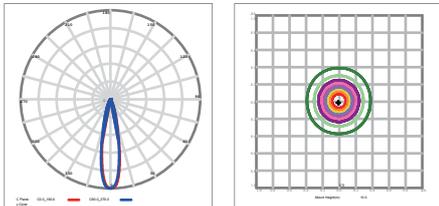
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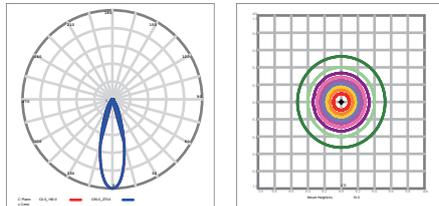
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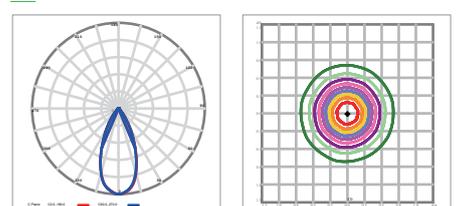
22°



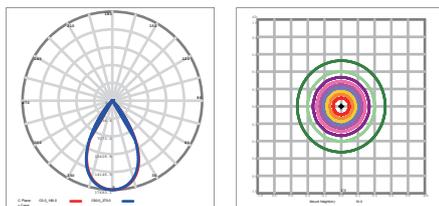
30°



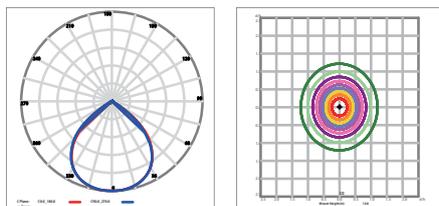
45°



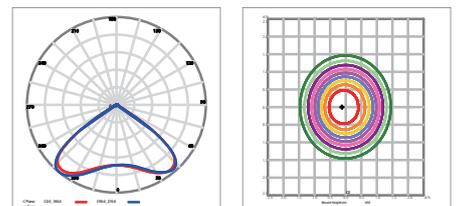
60°



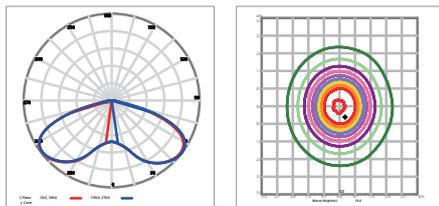
90°



110°



150°



■ Mounting Options & Accessories

Image	Applicable Power	Product Code	Product Description
	120~600W	BT-BS120-600W	Universal Bracket(Standard)
	120W	BT-BS120-V180	Universal Bracket 180° Vertical Mount
	200W	BT-BS200-V180	Universal Bracket 180° Vertical Mount
	300W	BT-BS300-V180	Universal Bracket 180° Vertical Mount
	300W	BT-BS300-H180	Universal Bracket 180° Horizontal Mount
	400W	BT-BS400-V180	Universal Bracket 180° Vertical Mount
	400W	BT-BS400-H180	Universal Bracket 180° Horizontal Mount
	600W	BT-BS600-V180	Universal Bracket 180° Vertical Mount
	800W~1200W	BT-BS800-V180	Universal Bracket 180° Vertical Mount
	120W~1200W	BT-BS120-1200W	Universal Bracket 360° Vertical Mount
	120W~1200W	BT-SA120-1200W	Side Arm
	120W~1200W	BT-SF120-1200W	Slip Fitter



Universal Bracket(Standard)



Universal Bracket 180° Vertical Mount



Universal Bracket 360° Vertical Mount