



High Mast Series LED FLOOD LIGHT

240W~1400W

FEATURES

- System Light Efficacy 160~165 LPW
- Ultra Bright, Up to 230,400Lm
- 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	4500~6500K (2500~6500K 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

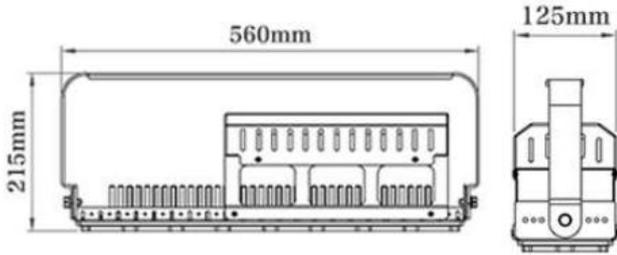
20 Years Replacement Parts

■ Specifications

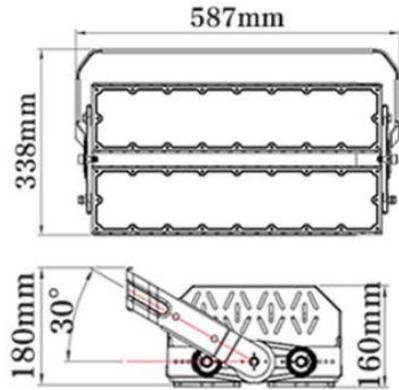
Picture	Part#	Power	NO. of Modules	Efficacy(IES)	Total Lumen	N.W	EPA	Product Dimensions
	BT-HMS-240	240W	1	160LPW	38,400lm	3.5kg	/	560x215x125mm
	BT-HMS-480	480W	2	165LPW	79,200lm	5.5kg	/	587x338x160mm
	BT-HMS-720	720W	3	165LPW	118,800lm	7.0kg	1.04ft ² @30° 1.36ft ² @45° 1.62ft ² @60°	587x484x160mm
	BT-HMS-960	960W	4	165LPW	158,400lm	9.0kg	1.25ft ² @30° 1.66ft ² @45° 1.98ft ² @60°	587x632x160mm
	BT-HMS-1200	1200W	5	160LPW	192,000lm	10.5kg	1.36ft ² @30° 1.96ft ² @45° 2.35ft ² @60°	587x780x160mm
	BT-HMS-1440	1440W	6	160LPW	230,400lm	12.2kg	1.42ft ² @30° 1.98ft ² @45° 2.47ft ² @60°	587x928x160mm



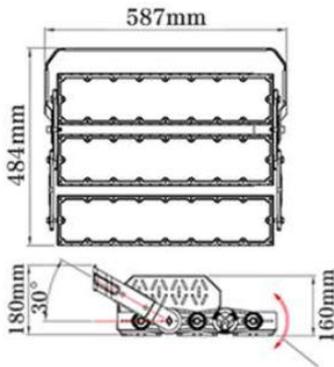
■ **Product Dimensions**



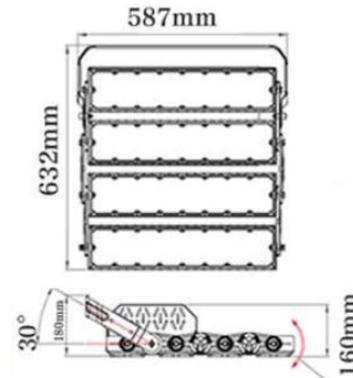
240W



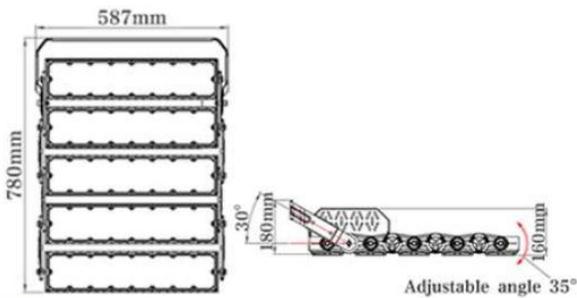
480W



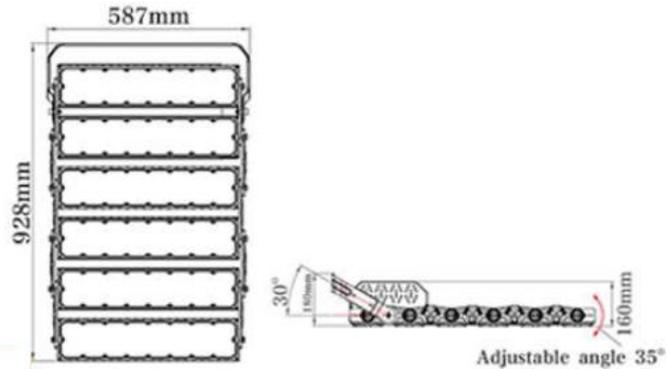
720W



960W



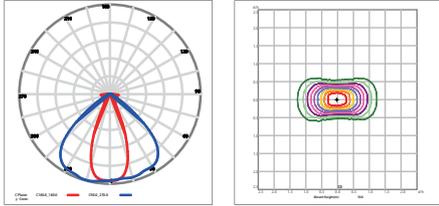
1200W



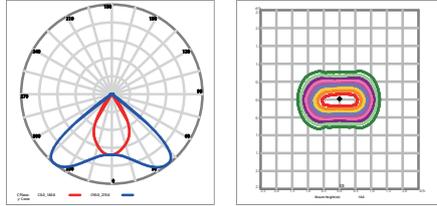
1400W

■ Photometrics

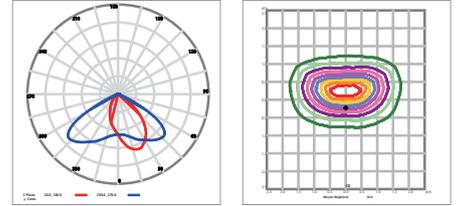
40×100°



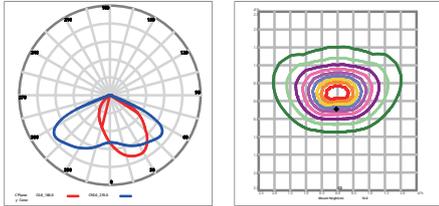
60×100°



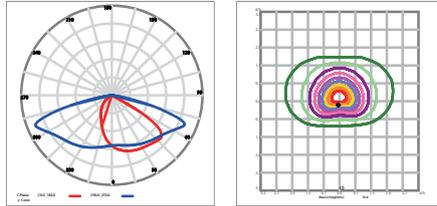
60×120°



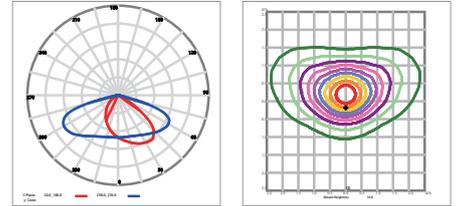
70×135°



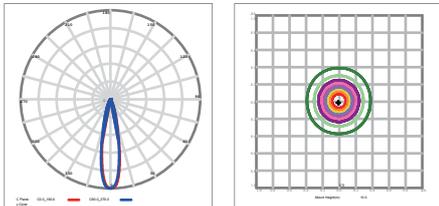
75×150°



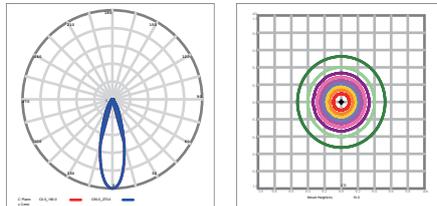
80×150°



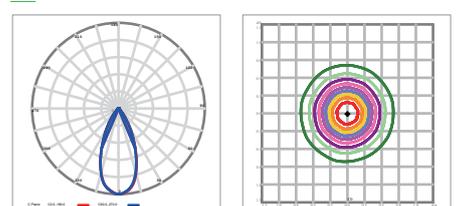
22°



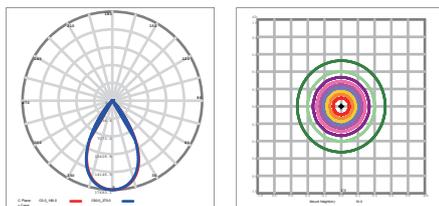
30°



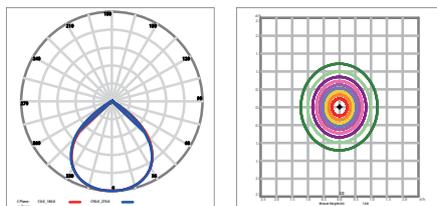
45°



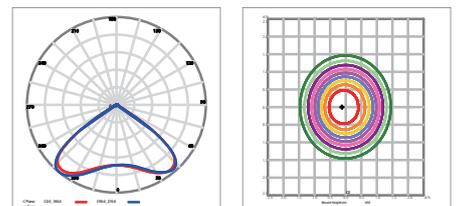
60°



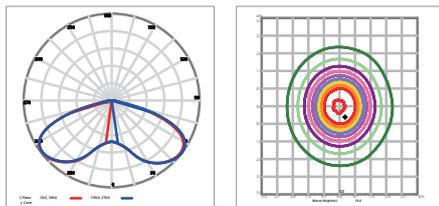
90°



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