

# New LED Searchlights / Long Distance Lights

## PRODUCT INTRODUCTION

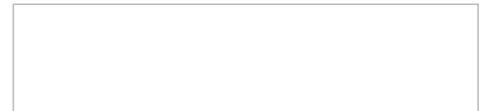
Our searchlight has an excellent focused beam, with nearly parallel light rays and long range of up to 3000 meters. It is a perfect solution for applications where high visibility at a small spot is needed, such as searching operation, rescuing operation, lighting icebergs, lighting narrow channel, etc. With using only high-quality materials, it creates the best performing LED searchlight in the market.

## FEATURES

- Excellent focused optics for long range illumination up to 3000m
- Special 200W(A) -- 200W spot and 50W flood adjustable to meet different needs
- Special 200W(B) -- Constant Lighting Mode and Strobe Mode switchable
- Input voltage: AC100-277V, AC110V, AC200V, DC12V or DC24V
- Corrosion resistant Aluminum housing with stainless steel mounting hardwares
- UV-resistant toughened glass lens
- IP65 suitable for wet locations
- High impact resistance, meeting IK10
- High vibration resistance, meeting 3G standards
- Low profile, lightweight, anti 17-level wind power
- Long LED Lifespan, more than 50,000 hours, low maintenance, no bulb replacement
- Warranty: 1 years for marine applications, 5 years for non-marine applications



**EC Type**  
Electrical operation - operated by remote controller



## SPECIFICATIONS

Model No. Prefix	8H50	8H150	8H200	8H200A		8H200B
Power	50W	150W	200W	200W / 50W Adjustable		200W (Constant Lighting Mode and Strobe Mode switchable)
Lumen	5,442 LM	16,209 LM	21,613 LM	21,613 LM	6,000 LM	21,613 LM
Beam Angle	4.4°	3.6°	3.6°	3.6°	120°	3.6°
Color Temp.	6000K	6000K	6000K	6000K		6000K
Candlepower	425,272 cd	2,287,677 cd	3,050,237 cd	3,050,237 cd	/	3,050,237 cd
Fixture Color	White	White	White	White		White
CRI	70	70	70	70		70
IP Rating	IP65	IP65	IP65	IP65		IP65
Operating Temp.	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C	-30°C to +40°C		-30°C to +40°C
Average Lifespan	50,000 hours	50,000 hours	50,000 hours	50,000 hours		50,000 hours
Voltage	MD&MC Type: AC100-277V or DC12V / 24V EC Type: AC110V / 220V, or DC12V / 24V					MD&MC Type: AC100-277V EC Type: AC110V / 220V
Pan/Tilt Range	Control for MC & EC Types: Pan 0°~ 350° , Tilt -30°~ +45°					
Warranty	5 year					

**Note:** Illumination distances are difficult to predict and deteriorate rapidly when haze, smoke, fog or smog is present.

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## PERFORMANCE

Wattage	Light Output	Beam Angle	Candlepower	illumination Distance (m)	illumination Diameter (m)	illumination Area (m <sup>2</sup> )	illuminance (lx)
50W	5,442 LM	4.4°	425,272 cd	250	15	183	6.80
				500	31	733	1.70
				750	46	1648	0.76
				1000	61	2931	0.43
				1250	76	4579	0.27
150W	16,209 LM	3.6°	2,287,677 cd	1250	76	4579	1.46
				1500	92	6594	1.02
				1750	107	8975	0.75
				2000	122	11722	0.57
				2250	137	14836	0.45
200W	21,613 LM	3.6°	3,050,237 cd	2000	122	11722	0.76
				2250	137	14836	0.60
				2500	153	18316	0.49
				2750	168	22162	0.40
				3000	183	26375	0.34

Note: Illumination distances are difficult to predict and deteriorate rapidly when haze, smoke, fog or smog is present.

8H	200	L	60	WH	3	5	-
Series	Wattage	Voltage	CCT	Finish Color	Beam Angle	LEDs Brand	Options
8H= LED Search Light	50= 50W	L= 100-277Vac L1= 110Vac L2= 220Vac D= 12-24Vdc	60= 6000K	WH= White	4= 4.4°	1= Nichia 2= Osram 3= Seoul 4= Philips 5= CREE	[Blank]= None D= 0-10V Dimmable S= Surge Protector (SPD)
	150= 150W 200= 200W 200A= 200W				3= 3.6°		
	200B= 200W	L= 100-277Vac L1= 110Vac L2= 220Vac					



### 200W-A

200W / 50W Adjustable

50W | 120°

FLOOD - LARGE AREA

200W | 3.6°

SPOT - LONG DISTANCE



### 200W-B

Strobe Function

## STROBE READY !

1. When you need to signal for attention.
2. When you need to evade an attacker at night.
3. When you need to give direction at night.

# EC Type - 150W / 200W

