

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

OPERATION TYPES



MD Type
Manual operation - directly operated at light fixture



MC Type
Manual operation - with adjustment column operable within the



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	200W Spot	50W Flood	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	1-year for marine applications; 5-year for non-marine applications					

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

PERFORMANCE

Wattage	Light Output	Beam Angle	Candlepower	illumination Distance (m)	illumination Diameter (m)	illumination Area (m ²)	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.

ORDERING INFORMATION

Order Example: 8H200L60WH35S
New LED Search Light , 200W , 100-277Vac, 6000K, White Finish, 3.6°, CREE LEDs, with Surge Protector

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				3= 3.6°		
	200A= 200W						
	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.

DIMENSIONS

