



Sleek-Style Xenon Searchlight



Distance Serviced	1 lux at 3873 meters (approx.)
Power Consumption	115VAC/5 Amps <i>or</i> 230 VAC/2.5Amps; 50/60HZ
Beam Speed	28° per sec (Fast/Horiz.); 3° per sec (Slow/Horiz.)
Electric Beam-Size Focus	1 to 20° (through continuous spectrum)
Beam Intensity	15 Million Candela
Lamp	200 Watt , Xenon Short Arc
Temperature Range	-30° C to +48° C (approx.)
Color Temperature	6500 Kelvin
Vertical Span	+30° to -30° (60° approx. total)
Horizontal Span	360° continuous rotation with no stop points
Finish	Marine Grade Aluminum and Stainless Steel Salt-Resistant, Scratch-Resistant Powder Coat
Controls	Joystick Electric Control (Multiple joystick operation and weatherproof)
Reflector	Bullet-Resistant, Precision Electroformed, Nickel Material
Environmental Protection	IP67



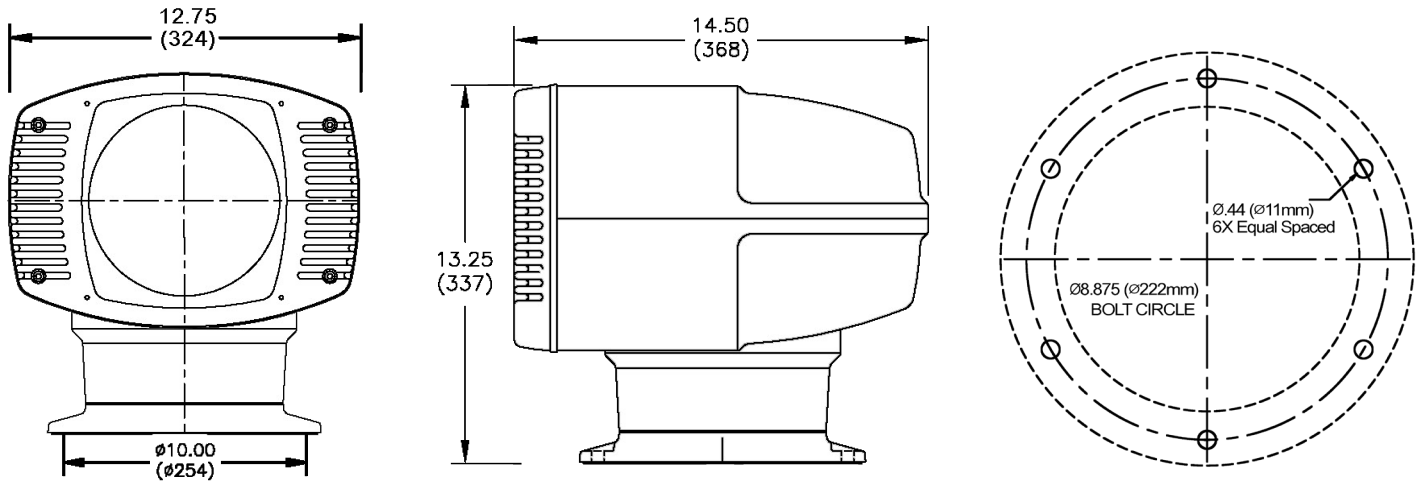
NightFINDER™

OPTIONS

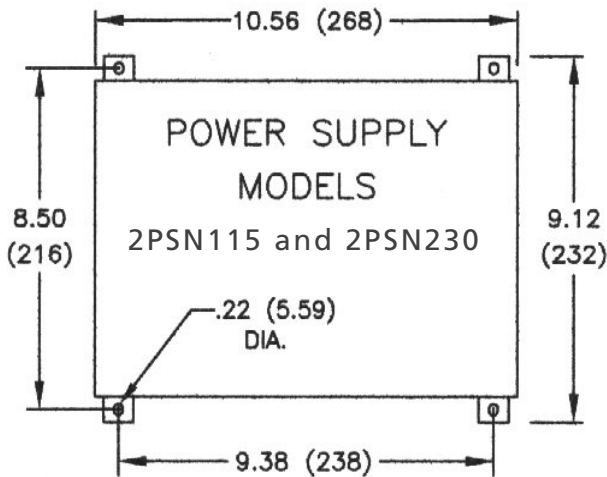
Anti-icing Heater	Thermostatically-controlled heaters in the Base.
Azimuth Indicator	Panel displays beam aiming position in degrees.
High Powered Strobe	Powerful nonlethal deterrent disorients intruder and denies night vision.
NightFINDER™	Embedded thermal camera enhances night vision capability, and the searchlight beam and camera track on the same target. Reference last two pages.
SmartVIEW™	Micro-processor controls provide intelligent switching throughout a BUS Network, with multiple protocols: TCP/IP, RS232, RS422, RS485, NMEA 0183.
Detachable IR Filter:	Provides covert surveillance when used with lowlight cameras and NVG's.

Lighting the way forward since 1894

200 Watt Dimensions in inches (mm)

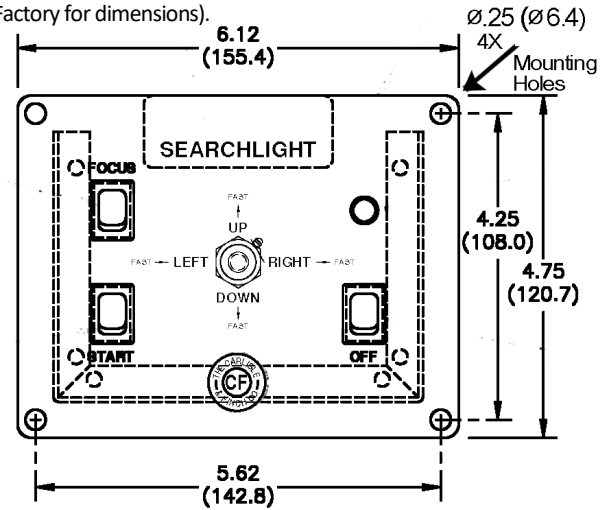


Power Supply: Compact Current-Regulated Electronic Supply includes Universal Power Input Feature, providing 115 Volt AC and 230 Volt AC inputs on the same printed circuit board.



Power Supply 2PSN115 or 2PSN230
Power Supply Weight = 7.5lb (3.4kg)

Joystick Control Stations: Control functions are: Beam ON/OFF, Beam-size Focus, Proportional-Speed Joystick, and Beam-ON Indicator Light. One Master Station (C4-2-1) is required with each system, and any number of Secondary Stations can be added. If you desire an outdoor Secondary Station, non-recess-mounted within console, but enclosed in a Weatherproof Box, specify C4E2M (consult Factory for dimensions).



C4-2-1 Master Station.....Depth = 6.5in (166mm)
C4-2M-1 and C4E2M-1-2 Secondary.....Depth = 3.5in (89mm)

Searchlight Standard or Inverted-Mount	Power Supply 115VAC or 230VAC	Master (Indoor)	Secondary (Indoor)	Master (Outdoor)	Secondary (Outdoor)
XY2EDE-RF or XY2EDE-BURF	2PSN115 or 2PSN230	C4-2-1	C4-2M-1	C4E2-1-2	C4E2M-1-2

How to specify searchlight system... read across table and select one Searchlight, one Power Supply, one Master Joystick Controller and any number of optional Secondary Joystick Controllers.

Sample Specification

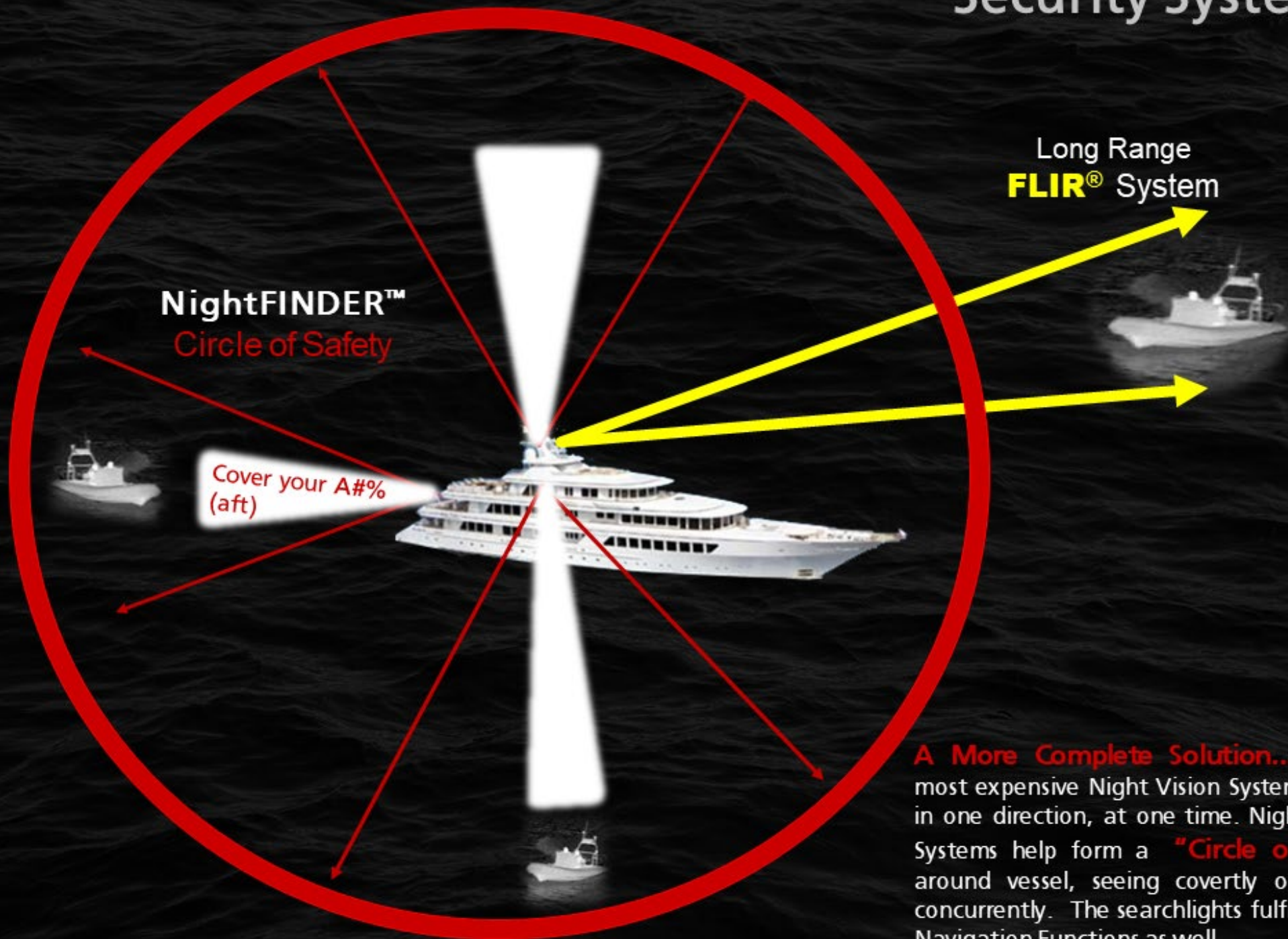
for "Inverted-Mount Searchlight, 230 VAC with (1) Indoor and (1) Outdoor Joystick Controllers, the model numbers are as follows:

- (1) XY2EDE-BURF Searchlight, (1) 2PSN230 Power Supply, (1) C4-2-1 Master and (1) C4E2M-1-2 Secondary Station

Note: Consult Factory for model numbers of optional Features (Strobe, NightFINDER™, Anti-icing Heaters, Azimuth Indicator, SmartVIEW, etc.)

NightFINDER™

A Total Navigation & Security System



A More Complete Solution... Even the most expensive Night Vision Systems only see in one direction, at one time. NightFINDER™ Systems help form a "Circle of Safety" around vessel, seeing covertly on all sides concurrently. The searchlights fulfill all of the Navigation Functions as well.

NightFINDER™ ... a "Covert Targeting Device"

Strobe blinds and disorients Intruder with Nonlethal Force!



Powerful Nonlethal Weapon

STROBE

Thermal Camera

Camera is used as *Covert Targeting Device* i.e.... "Operator covertly scans horizon with camera, and after Intruder is spotted, searchlight instantly illuminates the target."