



# *The NightSTAR™*

## *“Compact LED Searchlight”*

**(Coming Q2 2024/Preliminary Specs)**



### **Main Beam**

Intensity/Spread  
Distance Serviced

1.06 Million Candela (approx.), 5° Beam Spread  
1 Lux @ 1029 meters, 90 meters wide

### **Wide Beam**

Intensity/Spread  
Distance Serviced

35,000 Candela, 25° Beam Spread  
1 Lux @ 187 meters, 83 meters wide

### **Beam Speed**

Fastest 40° per sec., Slowest 0.5° per sec.

### **Color Temperature**

5600K

### **Light Source**

Long-life LEDs, 20,000+ Hours

### **Power and Voltage**

200 Watts @ 12VDC or 24VDC

### **Size and Weight**

218mm (H) x 262mm (W) x 249mm (D), 21.5lb (9.8kg)

### **Horizontal Rotation**

Continuous unlimited 360° with no stop points

### **Vertical Span**

+30° Up and -30° Down (60° total)

### **Environmental**

IP66 (Searchlight and Joystick)

### **Temperature Range**

-20 °C to +50 °C ambient air temperature

### **Finish**

Salt-resistant, scratch-resistant powder coat

### **Materials**

Marine Grade Aluminum w/Stainless Fasteners

### **Mounting**

Standard or Inverted – Auto sensing

### **Joystick Controller**

Proportional speed throughout continuous spectrum

### **Auto-Sweep**

Horizontal scanning function with user configurable range

### **Auto-Home**

Automatically returns to Home Position

### **Distress Beacon**

Rotation and SOS signal during emergency

### **High Powered Strobe**

Disorienting Nonlethal Deterrence

### **Intelligent Switching**

Same Joystick selects/controls other searchlights

## **OPTIONS**

### **Multiple Joysticks**

More than one joystick controls same searchlight

### **TimeZero® Integration**

Gateway Box provides RADAR/AIS Tracking, GPS MOB, etc.

### **ACR Conversion Kit**

ACR RCL-100 mounting conversion kit

### **Riser Kit**

1-inch (25.4mm) riser increases space for cabling/mounting

*Lighting the way forward since 1894*

# Powerful Unique Features



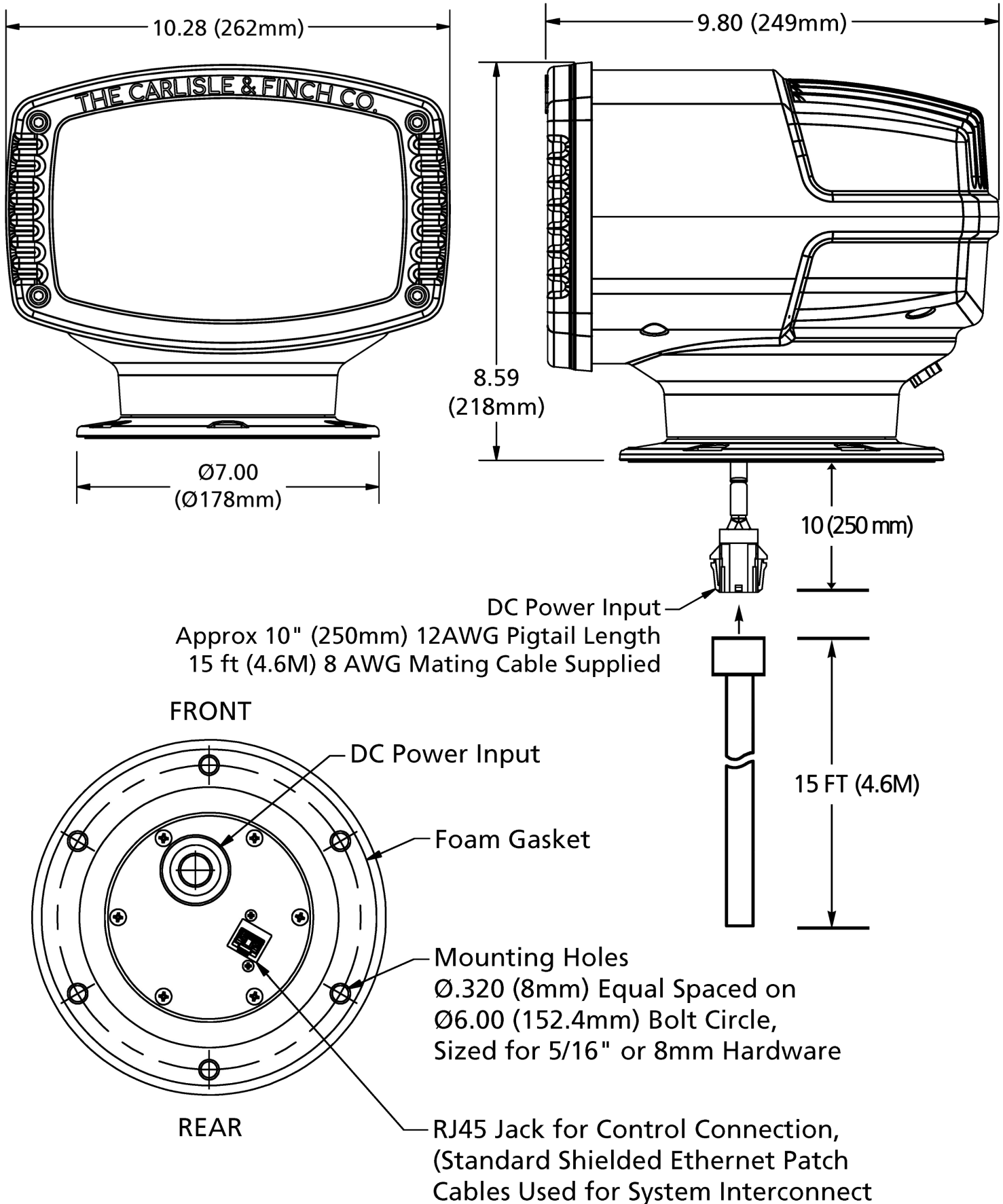
**Slip-rings provide continuous horizontal rotation with no stop points**



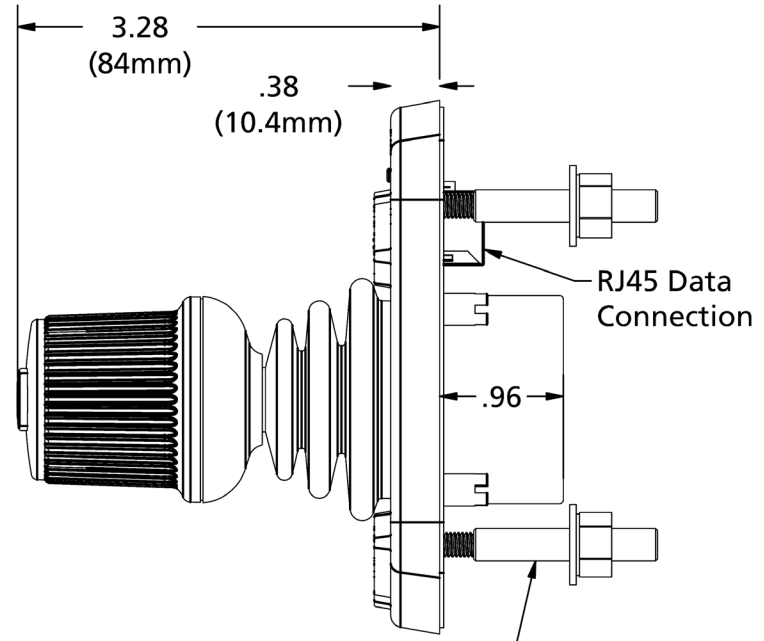
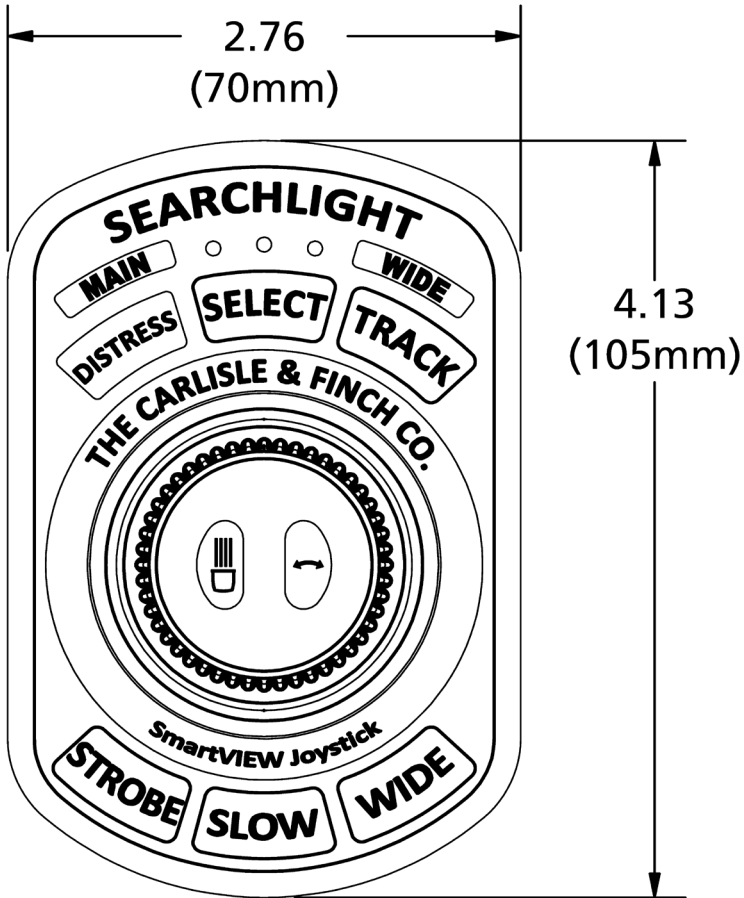
**Sleek  
Proportional  
Speed Control**



## Searchlight Dimensions in inches (mm)

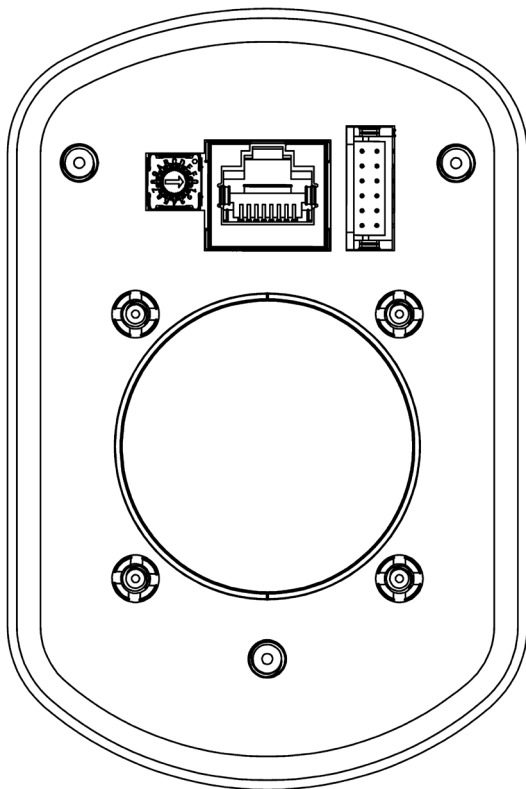
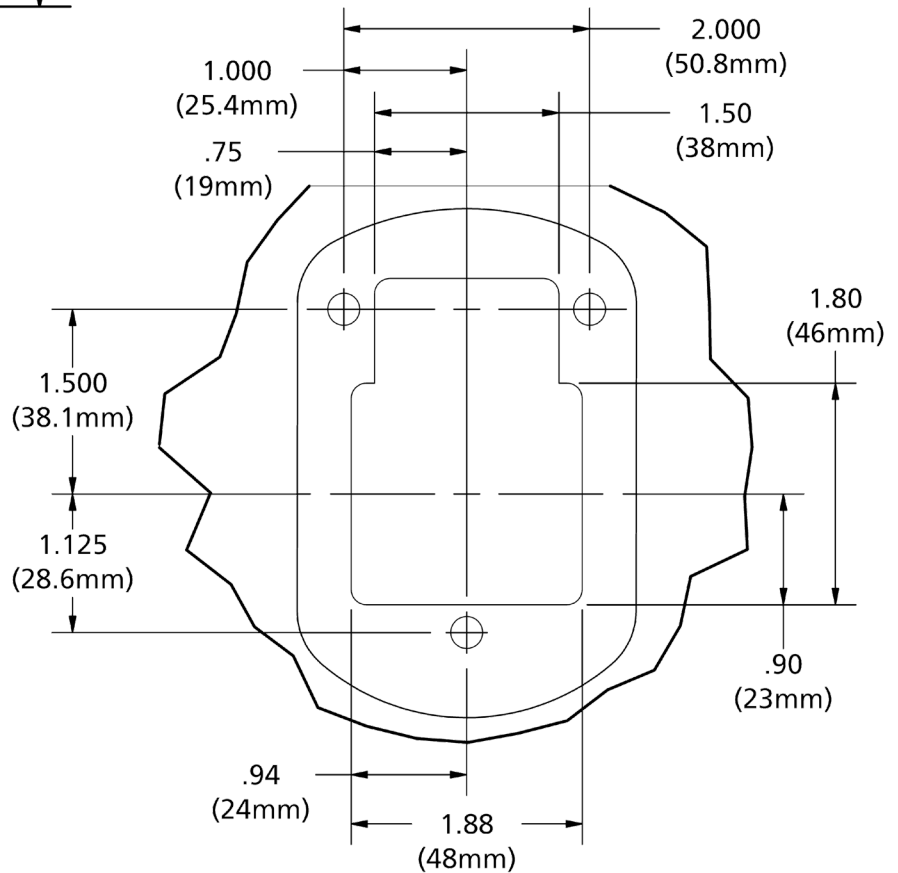


## Joystick Dimensions in inches (mm)

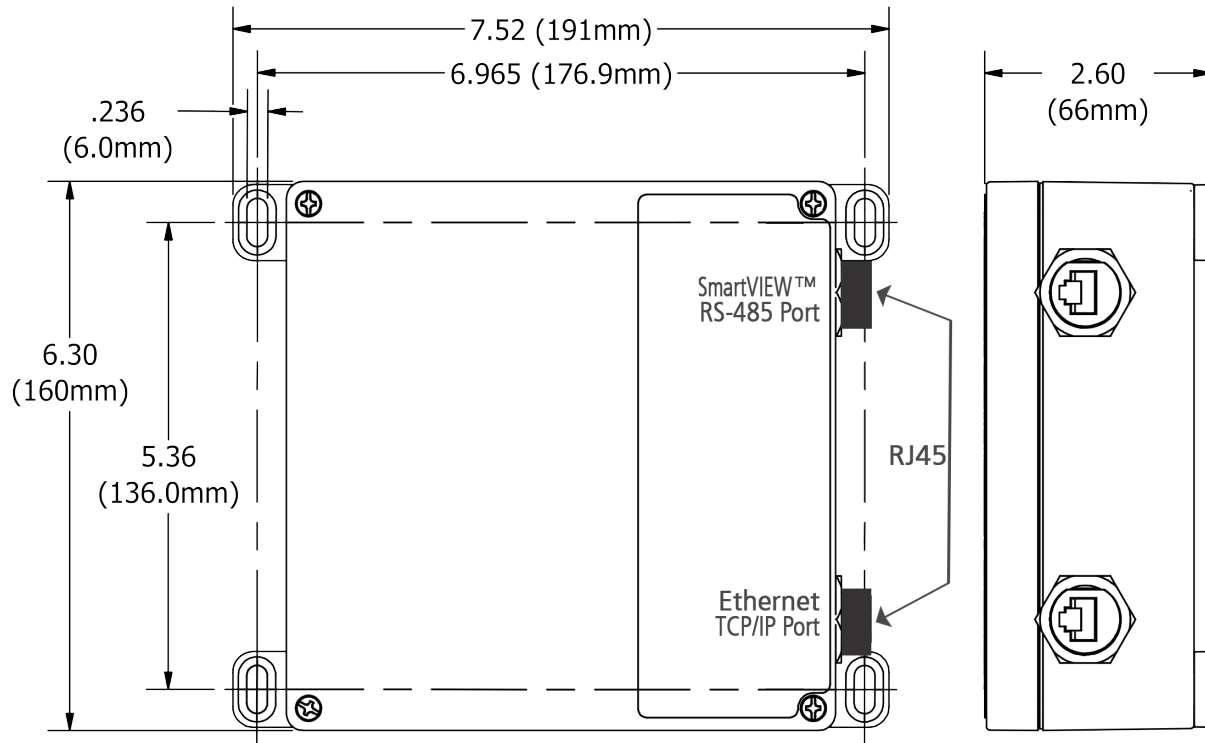


Mounting Hardware Included for up to 1.00" (25.4mm) Panel Thickness

### Console Cutout



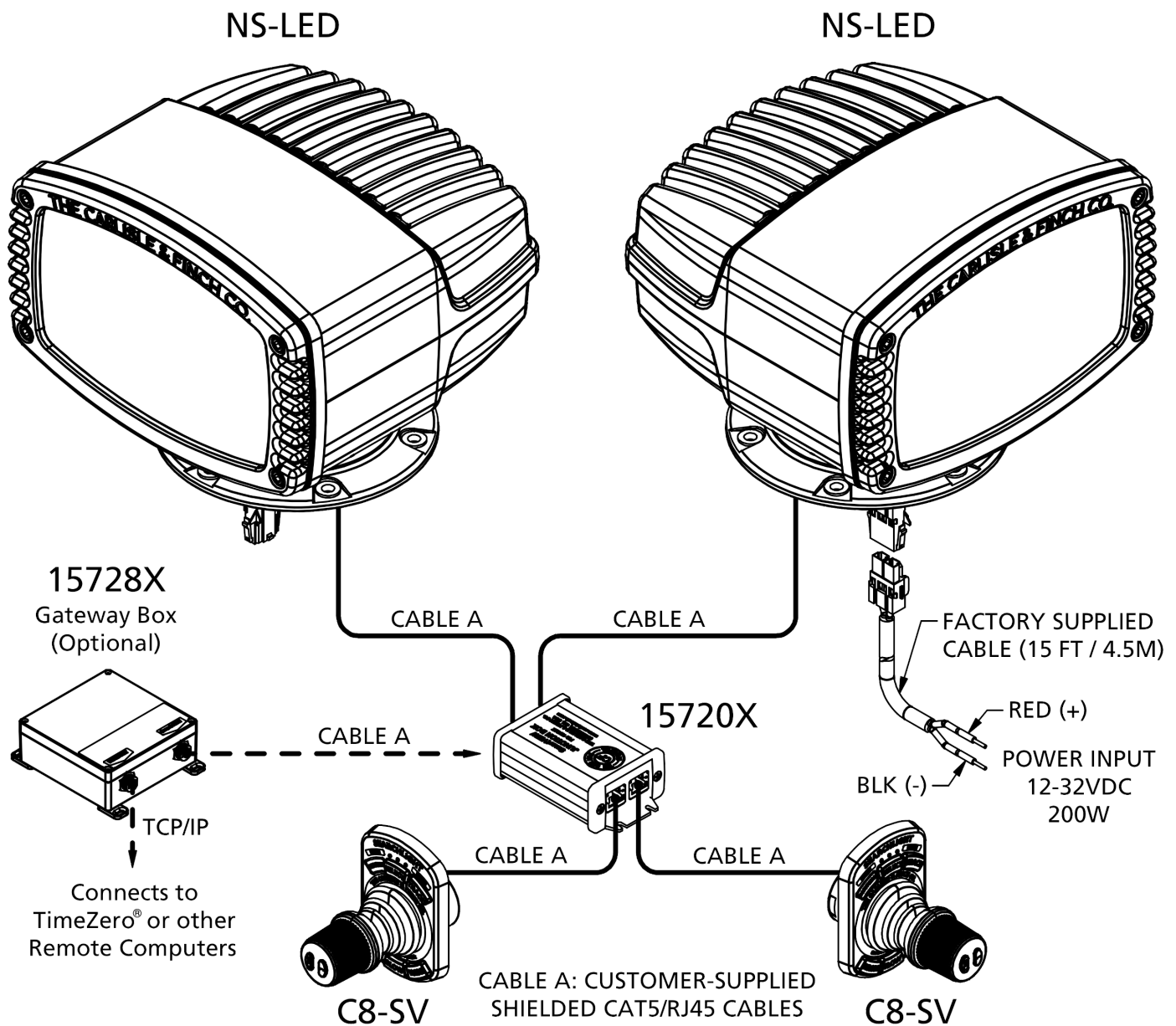
## SmartVIEW™ Gateway Box in inches (mm)



## How to specify a system:

MODEL NUMBER	DESCRIPTION
NS-LED	NightSTAR™ Searchlight <i>Same model for Inverted mounting</i>
C8-SV	Proportional Speed Joystick Controller <i>Same model for indoor and outdoor mounting</i>
	<b>OPTIONS and ACCESSORIES</b>
15720X	Junction Box, <i>for multiple controllers or searchlights</i>
15728X	SmartVIEW™ Gateway Box, <i>provides TCP/IP Ethernet Interface</i>
K15697	Riser, <i>allows extra space for cable entry or longer mounting screws</i>
K15696	ACR Mounting Adapter Plate
K15695	ACR Mounting Riser, <i>contoured for smaller molded ACR mounting bases</i>
15723	15-ft Power Cable Assembly, <i>included with NS-LED searchlight, but may be ordered separately</i>
15759X	Joystick Surface Mount Adapter, <i>used if limited depth is available behind panel</i>
PS15532	100-240VAC to 24VDC Power Supply

## NightSTAR™ System Wiring



The above example shows two searchlight systems installed, which allows both Joysticks to select, and control, either of the two searchlights onboard. An indicator light on the Joystick Panel, communicates which searchlight is being controlled. The junction box 15720X is required whenever there is more than one Joystick, or when the optional 15728X SmartVIEW™ Gateway Box is ordered. If more ports are required beyond the 2-port limit on the 15720X junction box, then a second box can be daisy-chained. The optional SmartVIEW™ Gateway Box, provides a TCP/IP Connection to a remote computer, as well as to the TimeZero® Navigation System. The TimeZero integration allows Radar Tracking, AIS Tracking, GPS Man Overboard capability, etc.