



StarBeam 2 Dual-Head Spotlight System

Bright Dependable Illumination in a Durable Design

StarBeam™ Spotlights are the ultimate nighttime **vehicle-mounted illumination system** with two rotating lamp heads providing 330° of vertical and horizontal movement.

For over 20 years, StarBeam spotlights have kept utility lineman and first responders safe



New! LED Lamp Heads

- 10-Light Emitting Diodes (LEDs) per head
- Low power draw, only 4-Amps per head
- Provides robust, LED, solid-state solution
- Resistant to damage from shock or vibration
- Focused high output light pattern, aiding in illuminating objects at a distance
- 12 VDC; vehicle battery



HID Lamp Heads

- 35 Watt HID Xenon Heads
- Intense light output, 1,200,000-cp
- 7.5-Amps at steady state
- 12 VDC; vehicle battery



Incandescent Lamp Heads

- 130 Watt incandescent Heads
- 720,000-cp
- 13-Amps at steady state
- 12 VDC; vehicle battery
- Stainless steel lamp housing

STARBEAM SPOTLIGHT FEATURES

- **NEW** TwinRay™ Wireless controller will operate one or two StarBeam's or NightRay's from over 100'
- Two rotating lamp heads provide 330° of vertical and horizontal movement
- Weather resistant design withstands damage from snow, ice, UV, and salt water

OPTIONS

- Wireless, hard wired, or dual-controlled remote controls
- Various lamp packages available: LED, HID, halogen, emergency scene lights
- Original StarBeams can be factory upgraded to StarBeam 2 with TwinRay transmitter and receiver board.

APPLICATIONS

- Utility maintenance
- Military/DoD
- Emergency response vehicles
- Marine & naval ships
- Nighttime inspection & security

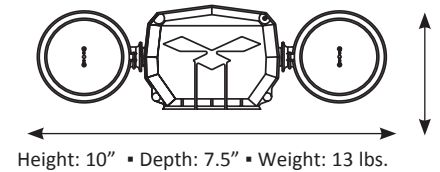
These rugged vehicle-mounted systems generate from 720,000- to 3-million candlepower of light from twin rotating lamp heads offering 330° of control in both the horizontal and vertical axes.

Polycarbonate sealed housing and weather proof receiver board and motor housing provide an extremely weather resistant design. The Starbeam's internal assembly features hard coated anodized drive shafts, brushless connections, and lubrication free drive system which will provide years of dependable service under extreme environmental conditions including snow, ice, and saltwater.

Now with the versatile TwinRay controller, you can easily turn on or off the light and rotate the heads horizontally or vertically to provide safe illumination exactly where it's needed.

The TwinRay wireless controller will operate either one or two StarBeam or NightRay spotlights independently, with it's exclusive A/B toggle switch.

Learn why thousands of utility crews and emergency response teams around the world depend on KH StarBeam Lighting Systems.



Photos, Right: Motor-controlled dual lamp heads rotate 330° (±10°) on horizontal and vertical axis to provide precise placement of light output.

StarBeam Spotlight Specifications

SPECIFICATIONS



Model # NR2C-W
Wireless TwinRay



Emergency LED Flashlight in
Wireless TwinRay



Model # SB2C-H • Hardwired TwinRay

- Mounting: 3/4" N.F. threads by 1-3/8" long extension
- Electrical Operation: 12 VDC Standard
- Rotation: Motor-driven dual lamp heads rotate 330° (±10°) on horizontal and vertical axes to provide precise placement of light output.
- Weather Resistant: Weather-resistant polycarbonate control housing provide safe, dependable operation in the most demanding environments.
- Dual lamp heads provide illumination redundancy.

Introducing the TwinRay™ Wireless Controller:

KH's exclusive Nightwave™ transmitter technology provides clear and consistent, noise free communication. The enhanced signal-to-noise ratio with KH's proprietary selective signal processing provides the technology for this state of the art StarBeam 2 Spotlight System. Additionally, KH's exclusive multiple R.F. code sequencing with positive identification eliminates false signals from other R.F. transmitters and environmental noise.

- Weather resistant housing with sealed buttons
- Durable design, made from Polycarbonate/ABS blend to prevent breakage
- Ergonomically designed for easy gloved-hand operation
- Will control StarBeam from over 100' away
- Easy in field programming when adding a second StarBeam or NightRay spotlight
- Wireless TwinRay remote features a convenient LED flashlight
- FCC and Industry Canada approved for 433.92MHz.
- Standard AAA battery operation
- One wireless TwinRay Controller can independently operate up to two StarBeam or NightRay Spotlights.
- Each StarBeam or NightRay Spotlight can be controlled by up to six wireless TwinRay remotes.
- Wired controller has new easy-to-install Cat 5e connector and weatherproof heat sink cover, p/n: SB2C-H

MODEL NUMBERS

New LED StarBeam, (2) Par 56, 140,000-cp (total for two lamp heads), 8 Amps, 48 Watts 12 VDC		
Wireless Control: Model # SB2-1L048-W	Hard Wired Control: Model # SB2-1L048-H	Wireless & Hardwired Control: Model # SB2-1L048-D
HID StarBeam, (2) 1,200,000-cp (total for two lamp heads), 14 Amps, 35 Watts, 12VDC		
Wireless Control: Model # SB2-1D035-W	Hard Wired Control: Model # SB2-1D035-H	Wireless & Hardwired Control: Model # SB2-1D035-D
Incandescent StarBeam, (2) Par 46 H3 Spotlights, 720,000-cp (total for two lamp heads) 13 Amps, 130 Watts, 12, VDC		
Wireless Control: Model # SB2-1H130-W	Hard Wired Control: Model # SB2-1H130-H	Wireless & Hardwired Control: Model # SB2-1H130-D
Replacement Parts, Model #	Description:	
KH200-00330	Par 56 LED Replacement Lamp Head	
KH200-01535	35 Watt HID Replacement Bulb-Only	
KH200-00520	35 Watt HID Replacement Bulb & Head	
KH200-00261	Par 46 Replacement H3 Spotlight	
NR2C-W	Wireless TwinRay controller for Starbeam 2 or NightRay 2 system	
SB2C-H	Hard wired TwinRay controller for StarBeam 2 System, includes 35' cable, dash mount connector 5' coiled cord, coupler & shrink tube.	

ORDERING INFORMATION

StarBeam 2 remote control spotlights are manufactured by and available from KH Industries. Additional models available, including custom configuration.

For more information: Call: 716-312-0088 • Visit: www.KHindustries.com



KH INDUSTRIES

The Permanent Name in Temporary Lighting & Power