

LED WhiteLight™ BETTER LIGHT
BETTER PERFORMANCE
INNOVATION by Grote Industries, Inc.

See the Difference®

THE INDUSTRY'S MOST COMPLETE LINE
OF LED WHITELIGHT™ WORK LAMPS



Grote

The first name in vehicle
safety systems®

See the Difference[®] Between Other Lamps

Better Light, Better Performance™

Grote has spent countless hours studying the difference between “brightly lit” and “optimally lit” environments. We understand the relationship between lighting and human and vehicle performance. Our optical engineers have designed the entire array of Grote LED WhiteLight™ Work Lamps to provide maximum visual comfort while reducing fatigue, stress and operator error – all while being some of the most durable and reliable lamps on the planet.

The Grote Performance Advantage™

It's not just a matter of building a “bright light” – it's a dedication to delivering the “right light” that continues to set Grote apart. We engineer light to meet the specifications of unique environments – optimizing the lighting conditions for the operations to be performed within them.

Trilliant[®] High-Performance LED Work Lamps

Grote's Trilliant[®] Family of LED WhiteLight™ Work Lamps are the industry's most advanced and have set a new standard for value, durability and performance.

Original Equipment



Lumen Intensity



Lamps are commonly compared on the basis of raw lumen output and the number of LEDs. Grote's optical engineers design lens configurations that convert raw lumen output into usable light. Grote's spot, flood, trapezoid, wide flood and TractorPlus™ beam patterns are designed for specific applications and each lens type changes the beam pattern.



LED



TRILLIANT[®] MINI LED WHITELIGHT™

An excellent work lamp for any instance where a high-output illumination source is needed. Like its big brother, this low-power, long-life lamp delivers beam pattern evenness and color temperature that produce a contrast most like that of natural sunlight. Mount it anywhere and enjoy thousands of hours of brilliant LED WhiteLight™. The versatile Trilliant[®] Mini also comes in a flush-mount version and any Trilliant[®] mini can be installed with an optional flush-mount bracket.

63601 - Spot	63731 - 24V Spot	63610 - Flood, Flush Mount Lamp
63611 - Flood	63741 - 24V Flood	94690 - Flush-Mount Bracket
63621 - Trapezoid	63751 - 24V Trapezoid	



Turns Any PAR 36 Incandescent Lamp Into an LED WhiteLight™ Work Lamp

LED



TRILLIANT[®] 36 LED WHITELIGHT™ CONVERSION BULB

The Trilliant[®] 36 LED WhiteLight™ Conversion Bulb turns any PAR 36 incandescent lamp into an LED WhiteLight™ Work Lamp. With standard connectors, users can upgrade an existing lamp with incandescent or halogen bulbs, transforming it into a brilliant LED WhiteLight™ Work Lamp that lasts longer, shines brighter and delivers better value. The bulbs come in a wide flood beam pattern and Grote's new TractorPlus™ beam pattern. Each bulb is manufactured with a replaceable UV, hard-coated, polycarbonate lens. The lenses are easily interchanged and conversion from a wide flood to TractorPlus™ lens can be accomplished within moments.

63821-5	10V-30V	TractorPlus™
63831-5	10V-30V	Wide Flood

and Trilliant® LED WhiteLight™ Work Lamps



Intensity Guide



The chart above provides guidance based upon that standard measurement. The lamps are engineered to provide optimal lighting characteristics for the task at hand and total lumen output accordingly.

Beam Patterns*

SPOT

A piercing beam of pure, focused, LED WhiteLight™, exceptionally effective at illuminating objects in the distance.

FLOOD

A broad, generous beam structure that evenly lights a work area without variation or hotspots. A practical choice for a broad variety of applications like construction, agriculture and material handling.

TRAPEZOID

A controlled, raking beam pattern that reveals subtle details in the terrain, while providing great lateral illumination. A natural choice for off-road applications.

WIDE FLOOD

A wide, bright beam pattern that illuminates close to 180 degrees of the surrounding area. Used for a diversity of applications where peripheral scene lighting is desired.

TRACTORPLUS™

See back cover for details on Grote's unique TractorPlus™ beam pattern.

*For a guide to help you select the right LED WhiteLight™ Work Lamp for your specific vehicle application, please visit grote.com/applications.

NOTE: Comparison photographs were shot using the same camera at the same camera settings. There were NO alterations in color, contrast or brightness.



LED



TRILLIANT® 36 LED WHITELIGHT™ WITH MOUNTING BRACKET

The Trilliant® 36 LED WhiteLight™ with Mounting Bracket was created to give the user the ability to install an LED WhiteLight™ Work Lamp that offers total flexibility. The lamp is designed to allow 180-degrees of vertical rotation, it takes up little space and can be mounted virtually anywhere. The lamp assembly comes with a Packard-style connector and pigtail. Replaceable UV, hard-coated, polycarbonate lenses are also a standard feature.

63861-5 10V-30V TractorPlus™
63871-5 10V-30V Wide Flood



LED



TRILLIANT® LED WHITELIGHT™

This hard-working, rugged, high-output lamp uses Grote's proven premier LED WhiteLight™ technology. The light output of the Trilliant® rivals HID's, eclipses halogen competitors and provides beam pattern evenness and color temperature that produce a contrast most like that of natural sunlight. Three replaceable lens patterns are available, and can be easily changed out as needed. Add Grote's unique mounting bracket for enhanced directional control.

63571 - Spot	63671 - 24V Spot	94580 - Spot Lens
63581 - Flood	63681 - 24V Flood	94600 - Flood Lens
63591 - Trapezoid	63691 - 24V Trapezoid	94590 - Trapezoid Lens
63761 - Wide Flood	63771 - 24V Wide Flood	43652 - Mounting Bracket

Not Just More Light - More "Usable" Light!

Increase Your Workforce Productivity and ROI with Grote LED WhiteLight™ Work Lamps

Our Vision and Objectives:

- Create high-performance lighting solutions that help customers achieve a higher return on their lighting investment
- Optimize vehicle and workforce output with lighting technologies that enhance visual acuity
- Bring innovative, intelligent, environmentally-responsible, energy-efficient, longer-lasting lighting solutions to market – fast

Ergonomic Lighting:

- Lamps specifically engineered for their work environment and the tasks to be performed within them
- Many LED WhiteLight™ Work Lamps now approach the color temperature of natural sunlight
- Superior beam reach and light pattern control
- More durable lighting technology with lower energy requirements

The Right Light Makes All the Difference:

- A safer, happier, less fatigued workforce, performing to the best of their visual abilities
- Fewer injuries, reduced visual errors, less downtime
- Better productivity, alertness and performance
- More advanced, effective, longer-lasting lighting products
- Lower repair and maintenance costs
- A better looking bottom line



PAR 36 Incandescent Work Lamps



Trilliant 36 LED WhiteLight™ Work Lamps



PAR 36 Incandescent Work Lamps



Trilliant 36 LED WhiteLight™ Work Lamps



PAR 36 Incandescent Work Lamps

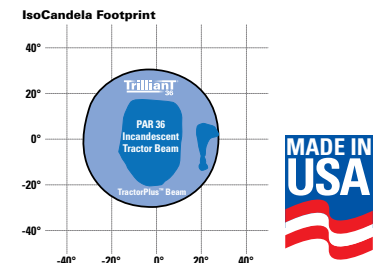
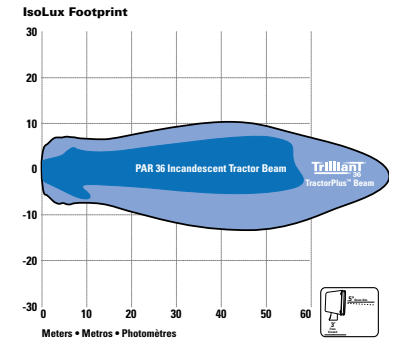


Trilliant 36 LED WhiteLight™ Work Lamps

See the Difference® Between Standard Tractor and Advanced TractorPlus™ Beam Patterns

Grote Work Lamps Last Longer, Shine Brighter and Deliver a Better Value:

Grote's TractorPlus™ beam pattern offers almost three times more usable light, compared to traditional PAR 36 product offerings. Visit grote.com/difference to learn more.



LED



PAR 36 LED WHITELIGHT™ RUBBER UTILITY LAMP

Grote's LED WhiteLight™ technology in a versatile, round form. Tough, durable rubber housing keeps taking punishment while its reliable LEDs keep lighting the way for thousands of hours! Perfect for utility vehicles and work trucks of all types.

63561 - Spot
63551 - Flood



LED



PER-LUX® LED WHITELIGHT™

Known for its quality and dependability, Per-Lux® is now available in a high performance LED work lamp. This low-power, long-lasting lamp has a naturally balanced sunlight quality for reducing eye fatigue and optimizing job performance.

63641 - Spot
63651 - Flood
63661 - Trapezoid

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Grote

The first name in vehicle safety systems.