Off-Highway Lighting

Lighting and Visibility Solutions from Grote
Grote Industries is a leading manufacturer and marketer of vehicle lighting and safety systems. Our company was founded in the heartland more than 100 years ago and has remained family owned from the day William Grote opened the doors for business.

We are an industry-leading manufacturer, the first to receive our TS16949 certification in the heavy duty lighting industry. With manufacturing locations in Canada, Mexico, United States, Germany and China, we offer global support to our customers.

Our company was founded in 1901 and has kept its long tradition of ethical behavior in our drive to provide industry-leading, innovative, quality products and services.

When your customers need to work around the clock, they need work lamps that are up to the task. Grote’s family of Trilliant® LED work lamps give you all the performance you need. They’re from Grote, the company that introduced LED lamps to the Heavy Duty transportation industry. Like all Grote lamps, they’re rugged, reliable, and powerful. They’ll light up the night until the work is done.
Trillion® Oval 1200 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard-Coated Polycarbonate Lens
Black Powder-Coated, Die-Cast Aluminum Housing
Pedestal Mount, Stainless Steel Mounting Hardware
Connector Type: Amp SS/ Amp Type C,
Deutsch (DT06-2S)

RATINGS AND COMPLIANCES
Ingress Protection: IP69K
SAE J575E Compliant
Bi-Voltage Circuit
Over Voltage Protection
EMC Rated – T2 / 245 / EEC
SAE J2139 (Includes reverse polarity protection)

LIGHT ENGINE
Correlated Color Temperature (CCT): 6100K
Color Rendering Index (CRI): 71.7
Efficacy: 57.99 Lumens per Watt

OPTICS
Reflector Optics
Beam Patterns: Flood and Wide Flood
Effective range (5 Lux): 18m (wide flood), 30m (flood)
Effective spread (5 Lux): 14m (wide flood), 12m (flood)

Accessories:
68580 - AMP SuperSeal Pigtail, Blunt Cut
68610 - Deutsch Pigtail, Blunt Cut

<table>
<thead>
<tr>
<th>PN</th>
<th>Connection</th>
<th>Pattern</th>
<th>Voltage</th>
<th>Amp Draw</th>
<th>Effective Lumen (Nominal)</th>
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<tbody>
<tr>
<td>63F81</td>
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Trillion® Oval 1200 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard-Coated Polycarbonate Lens
Black Powder-Coated, Die-Cast Aluminum Housing
Pedestal Mount, Stainless Steel Mounting Hardware
Connector Type: Amp SS/ Amp Type C,
Deutsch (DT06-2S)

RATINGS AND COMPLIANCES
Ingress Protection: IP69K
SAE J575E Compliant
Bi-Voltage Circuit
Over Voltage Protection
EMC Rated – T2 / 245 / EEC
SAE J2139 (Includes reverse polarity protection)

LIGHT ENGINE
Correlated Color Temperature (CCT): 6100K
Color Rendering Index (CRI): 71.7
Efficacy: 57.99 Lumens per Watt

OPTICS
Reflector Optics
Beam Patterns: Flood and Wide Flood
Effective range (5 Lux): 18m (wide flood), 30m (flood)
Effective spread (5 Lux): 14m (wide flood), 12m (flood)

Accessories:
68580 - AMP SuperSeal Pigtail, Blunt Cut
68610 - Deutsch Pigtail, Blunt Cut

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Trilliant® Oval 2500 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard coated Polycarbonate Lens
Black Powder-Coated, Die-Cast Aluminum Housing
Pedestal Mount, Stainless Steel Mounting Hardware
Connector Type: Amp S3 / Amp Type C,
Deutsch DFJ56-23

RATINGS AND COMPLIANCEs
Ingress Protection: IP69K
SAE J575E Compliant
Bi-Voltage Circuit
Over Voltage Protection
EMC Rated – T2 / T4 / EEC
SAE J2139 (Includes reverse polarity protection)

LIGHT ENGINE
Correlated Color Temperature (CCT): 7648K (Wide Flood), 7461K (Flood)
Color Rendering Index (CRI): 70
Efficacy: 68.07 (Wide Flood), 68.86 (Flood) Lumens per Watt

OPTICS
Reflector Optics
Beam Patterns: Flood and Wide Flood
Effective range (5 Lx): 15m (Wide Flood), 32m (Flood)
Effective spread (5 Lx): 18m (Wide Flood), 8m (Flood)

Accessories:
68580 - AMP SuperSeal Pigtail, Blunt Cut
68610 - Deutsch Pigtail, Blunt Cut

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<tr>
<th>PN</th>
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<th>Amp Draw</th>
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Trilliant® Cube 1200 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard-Coated Polycarbonate Lens
Black Powder-Coated, Die Cast Aluminum Housing
Pedestal Mount, Stainless Steel Hardware
Connector Type: Amp SS/ Amp Type C, Deutsch DT06-2S

RATINGS AND COMPLIANCES
Ingress Protection: IP69K
SAE J576 Compliant,
Linear Drive
Over Voltage Protection
EMC Rated – 73 / 245 / EEC

LIGHT ENGINE
Correlated Color Temperature (CCT): 7102K
Color Rendering Index (CRI): 74.2
Efficacy: 61.4 Lumens per Watt

OPTICS
Reflector Optics
Beam Patterns: Flood and Wide Flood
Effective range (5 Lux): 7m (Wide Flood), 28m (Flood)
Effective spread (5 Lux): 10m (Wide Flood), 8m (Flood)

Accessories:
68580 - AMP SuperSeal Pigtails, Blunt Cut
68810 - Deutsch Pigtails, Blunt Cut

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<tr>
<th>PN</th>
<th>Connection</th>
<th>Pattern</th>
<th>Voltage</th>
<th>Amp Draw</th>
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Trilliant® Cube 2500 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard-Coated Polycarbonate Lens
Black Powder-Coated, Die Cast Aluminum Housing
Pedestal Mount, Stainless Steel Mounting Hardware
Connector Type: Amp SS / Amp Type C,
Deutsch (DT556-25)

RATINGS AND COMPLIANCEs
Ingress Protection: IP69K
SAE J578E Compliant
Linear Drive
Over Voltage Protection
EMC Rated – T2 / 245 / EEC

LIGHT ENGINE
Correlated Color Temperature (CCT): 7141K
Color Rendering Index (CRI): 69.2 (Flood), 78.2 (Wide Flood)
Efficacy: 59 Lumens per Watt

OPTICS
Reflector Optics
Beam Patterns: Flood and Wide Flood
Effective range (5 Lx): 12m (Wide Flood), 45m (Flood)
Effective spread (5 Lx): 18m (Wide Flood), 14m (Flood)

Accessories:
68580 - AMP SuperSeal Pigtail, Blunt Cut
68610 - Deutsch Pigtail, Blunt Cut

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<thead>
<tr>
<th>PN</th>
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<th>Amp Draw</th>
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Trilliant® 26 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
UV Resistant, Hard-Coated Polycarbonate Lens
Black Powder-Coated, Die Cast Aluminum Housing
Mounting Options: Pinch or Pedestal bracket
with M10 bolt
Connector Type: Deutsch (DT06-2S)

RATINGS AND COMPLIANCE
Thermal Stress: SAE J445
Ingress Protection: IP69K
Input Voltage: 10V-48V
SAE J3139 (includes reverse polarity protection)

OPTICS
Lamp Efficacy: 85.14 (Lumens per Watt)
Optical Package: Near (Reflector and Lens), Far (Reflector)
Correlated Color Temperature (CCT): 5423K
Color Rendering Index (CRI): 75.6
Effective Range (Lx): 18m (Near), 31m, (Far)
Effective Spread (Lx): 8m (Near), 6m, (Far)

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<td>Pendant</td>
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<td>1.75-.36</td>
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Accessories:
68610 - Deutsch Pigtail, Blunt Cut
Trilliant® 36 LED Work Lamp

PRODUCT SPECIFICATIONS

MATERIALS
- UV Resistant, Hard coated Polycarbonate Lens
- Black Powder-Coated, Die-Cast Aluminum Housing
- Pedestal Mount, Stainless Steel Hardware
- Connector Type: Deutsch (DT06-2S), Amp SS, Spade/Screw Terminal

RATINGS AND COMPLIANCES
- Ingress Protection: IP69K
- SAE J575E Compliant
- 12V/24V, Bi-Voltage Circuit
- Over Voltage Protection
- EMC Rated – T2 / T4 / EEC

LIGHT ENGINE
- Correlated Color Temperature (CCT): 5166K (wide flood), 6440K (TractorPlus)
- Color Rendering Index (CRI): 72.7 (wide flood), 71.8 (TractorPlus)
- Efficacy: 48.32 (wide flood), 45.73 (TractorPlus)
- Lumens per Watt

OPTICS
- Reflector Optics
- Beam Patterns: Wide Flood and TractorPlus
- Effective range (5+): 10m (wide flood), 22m (TractorPlus)
- Effective spread (5+): 10m (wide flood), 8m (TractorPlus)

TRACTORPLUS™ - IsoLux

WIDE FLOOD - IsoLux

Accessories:
- 68560 - AMP SuperSeal Pigtail, Blunt Cut
- 68610 - Deutsch Pigtail, Blunt Cut

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Trillion® LED Work Lamp

Shown with optional mounting brackets.

TractorPlus™ - IsoLux

Illuminance (Lux)

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</table>

Accessories:
- 94580 - Wide Flood/Spot pattern replacement lens
- 94600 - Flood pattern replacement lens
- 94590 - Trapezoid pattern replacement lens
- 43651 - White adjustable bracket
- 43652 - Black adjustable bracket
PRODUCT SPECIFICATIONS

MATERIALS
- UV Resistant, Hard coated Polycarbonate Lens
- Black Powder-Coated, Die-Cast Aluminum Housing
- Pedestal Mount, Stainless Steel Hardware
- Connector Type: Hardwire (Blunt Cut)

RATINGS AND COMPLIANCES
- Ingress Protection: IP69K
- SAE J578E Compliant
- 12V/24V, Bi-Voltage Circuit
- Over Voltage Protection
- EMC Rated – 72 / 245 / EEC

LIGHT ENGINE
- Correlated Color Temperature (CCT): 7141K
- Color Rendering Index (CRI): 79 (flood), 79 (wide flood), 69 (spot), 74 (Trapezoid)
- Efficacy: 34 Lumens per Watt

OPTICS
- Reflector Optics
- Beam Patterns: Flood, Wide Flood, Spot, and Trapezoid
- Effective range (5 Lx): 17m (Wide Flood), 31m (Flood), 160m (Spot), 54m (Trapezoid)
- Effective spread (5 Lx): 18m (Wide Flood), 14m (Flood), 5m (Spot), 20m (Trapezoid)
Trilliant® Mini LED Work Lamp

<table>
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PRODUCT SPECIFICATIONS

MATERIALS
- UV Resistant, Hard coated Polycarbonate Lens
- Die-Cast Aluminum Housing, Black or Stainless
- Pedestal Mount, Stainless Steel Hardware
- Connector Type: Hardware (blunt cut)

RATINGS AND COMPLIANCES
- Ingress Protection: IP69K
- Bi-Voltage Circuit
- Over Voltage Protection
- SAE J2139 (includes reverse polarity protection)

LIGHT ENGINE
- Correlated Color Temperature (CCT): 6573K (spot), 6503K (flood), 6489K (trapezoid)
- Color Rendering Index (CRI): 70.9 (spot), 74.6 (flood), 72.8 (trapezoid)
- Efficacy: 31.90 (spot), 38.69 (flood), 35.68 (trapezoid)
- Lumens per Watt

OPTICS
- Reflector Optics
- Beam Patterns: Spot, Trapezoid, Flood
- Effective range (5 Lx): 48m (spot), 18m (flood), 23m (trapezoid)
- Effective spread (5 Lx): 8m (spot), 4m (flood), 8m (trapezoid)

**PRODUCT SPECIFICATIONS**

**MATERIALS**
- UV Resistant, Hard coated Polycarbonate Lens
- Die-Cast Aluminum Housing, Black or Stainless
- Pedestal Mount, Stainless Steel Hardware
- Connector Type: Hardware (blunt cut)

**RATINGS AND COMPLIANCES**
- Ingress Protection: IP69K
- Bi-Voltage Circuit
- Over Voltage Protection
- SAE J2139 (includes reverse polarity protection)

**LIGHT ENGINE**
- Correlated Color Temperature (CCT): 6573K (spot), 6503K (flood), 6489K (trapezoid)
- Color Rendering Index (CRI): 70.9 (spot), 74.6 (flood), 72.8 (trapezoid)
- Efficacy: 31.90 (spot), 38.69 (flood), 35.68 (trapezoid)
- Lumens per Watt

**OPTICS**
- Reflector Optics
- Beam Patterns: Spot, Trapezoid, Flood
- Effective range (5 Lx): 48m (spot), 18m (flood), 23m (trapezoid)
- Effective spread (5 Lx): 8m (spot), 4m (flood), 8m (trapezoid)
Halogen Work Lamps

**COMPOSITE WORK LAMP**

Composite design (bulb replaceable) • Multiple beam patterns for use in any application • Side or top mount • John Deere® replacement lamp

- **63131-5** Top Mount, Trapezoid
- **64611** Top Mount, Flood
- **64621** Side Mount, Flood

Material: Nylon/Glass
Finish: Black
Bulb: 888, 95 CP; Volts / Amps: 12V / 3.9A

**4” X 6” RECTANGULAR RUBBER WORK LAMP**

Lamps maintain structural integrity through all weather conditions (-50°F to +150°F) • Reinforced, ribbed housing for added strength • Adjustable bracket with 12 mm diameter stud

- **64891** Flood
- **63231-5** Trapezoid

Material: Rubber
Finish: Black
Bulb: Flood: 4913-1, 50 Watt, 1,350 CP; Volts / Amps: 12V / 3.9A
Bulb: Trapezoid: H4651, 50 Watt, 55,000 CP; Volts / Amps: 12V / 3.9A

**RECTANGULAR HALOGEN WORK LAMP**

Available in trapezoid, spot and flood beam patterns • Rugged corrosion and shock-resistant construction • For versatile application needs such as tractor, utility, fifth wheel, or off-road

- **63151-5** Flood
- **63171-5** Trapezoid

Material: Nylon
Finish: Black
Bulb: 12-Volt - H3, 55 Watt, 121 CP; Volts / Amps: 12V / 4.7A
Bulb: 24-Volt - H3, 70 Watt, 146 CP; Volts / Amps: 24V / 2.7A
Accessory: Bulb: 12V - 90961-5/90971-5, 24V 91081

**PAR 36 UTILITY LAMPS**

For versatile applications such as utility, fifth-wheel, backup, tractor, forklift or off-road vehicles

- **64931** Tractor, Incandescent
- **64921** Tractor, Incandescent
- **64411** Tractor, Halogen

Material: 64921 and 64921 Rubber, 64411 Plastic
Finish: Black
64931: 35 Watt, 3,000CP; Volts / Amps: 12V / 2.7A
64921: 50 Watt, 5,000CP; Volts / Amps: 24V / 1.8A
64411: 50 Watt, 1,000CP; Volts / Amps: 12V / 3.9A

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For versatile applications such as utility, fifth-wheel, backup, tractor, forklift or off-road vehicles

- **64931** Tractor, Incandescent
- **64921** Tractor, Incandescent
- **64411** Tractor, Halogen

Material: 64921 and 64921 Rubber, 64411 Plastic
Finish: Black
64931: 35 Watt, 3,000CP; Volts / Amps: 12V / 2.7A
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64931: 35 Watt, 3,000CP; Volts / Amps: 12V / 2.7A
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64411: 50 Watt, 1,000CP; Volts / Amps: 12V / 3.9A
**LED Signal Lighting**

**PRODUCT SPECIFICATIONS**

**MATERIAL:** Acrylic  
**FINISH:** Red / Yellow / Clear / Black  
**FMVSS:** P2, PC, ECE, L  
**VOLTAGE AMP:** 12V / .05A; 24V / .05

<table>
<thead>
<tr>
<th>PN</th>
<th>Description</th>
<th>Voltage</th>
<th>Amperage</th>
</tr>
</thead>
<tbody>
<tr>
<td>49322</td>
<td>Red P2 w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49332</td>
<td>Red PC w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49323</td>
<td>Yellow P2 w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49333</td>
<td>Yellow PC w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49342</td>
<td>Red ECE w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49343</td>
<td>Yellow ECE w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49341</td>
<td>White ECE w/ Grommet</td>
<td>12V</td>
<td>.05A</td>
</tr>
<tr>
<td>49352</td>
<td>Red ECE w/ Grommet</td>
<td>24V</td>
<td>.05A</td>
</tr>
<tr>
<td>49353</td>
<td>Yellow ECE w/ Grommet</td>
<td>24V</td>
<td>.05A</td>
</tr>
<tr>
<td>49351</td>
<td>White ECE w/ Grommet</td>
<td>24V</td>
<td>.05A</td>
</tr>
<tr>
<td>60721</td>
<td>White License / Step</td>
<td>12V</td>
<td>.05A</td>
</tr>
</tbody>
</table>

**24V Version**

**PRODUCT SPECIFICATIONS**

**MATERIAL:** Acrylic/ABS  
**FINISH:** Red / Yellow / Black  
**FMVSS:**  
Red: I, P2, S, T  
Yellow 4": I  
Yellow 6": Auxiliary P2

<table>
<thead>
<tr>
<th>PN</th>
<th>Description</th>
<th>Voltage</th>
<th>Amperage</th>
</tr>
</thead>
<tbody>
<tr>
<td>54602</td>
<td>Red 4&quot; Round, Male Pin</td>
<td>12V</td>
<td>.24A(I,S)/.03A (T)</td>
</tr>
<tr>
<td>54633</td>
<td>Yellow 4&quot; Round, Male Pin</td>
<td>12V</td>
<td>.24A</td>
</tr>
<tr>
<td>53962</td>
<td>Red 6&quot; Oval, Male Pin</td>
<td>12V</td>
<td>.48A(I,S)/.06A (T)</td>
</tr>
<tr>
<td>53963</td>
<td>Yellow 6&quot;, Male Pin</td>
<td>12V</td>
<td>.48A</td>
</tr>
<tr>
<td>66815</td>
<td>6&quot; S/T/T Pigtail, Male Pin</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>66842</td>
<td>10&quot; Turn/Aux Pigtail, Male Pin</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>92420</td>
<td>Oval Grommet for 6&quot; Lamps</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**LED Stop/Tail/Turn Lamps**
LED Amber Warning and Red Stop/Tail Lamps

Surface Mount

Pedestal Mount

Flasher Control Module

Harness to Lamps

Protective Plug Guard 82-1051
**AMBER AND RED LAMP PRODUCT SPECIFICATIONS**

- **Material:** ABS housing/high impact acrylic lenses
- **Finish:** Amber/amber, red/black, amber/black
- **ASABE:** Meets ASABE S279 lighting specifications
- **FMVSS:** SAE versions meet all FMVSS 108 requirements
- **ECE:** ECE versions meet Reg. 6 (amber, rear direction indicator), Reg. 7 (red, stop, rear position)
- **IP67 Compliant**
- **Voltage:** Bi-voltage, 12 and 24 volt
- **Wiring:** 18 GA GPT with UV inhibitor, compliant with SAE J1128

**FLASHER CONTROL MODULE PRODUCT SPECIFICATIONS**

- **Nominal Design Voltage:** 12 VDC - 13.8 VDC
- **High/Low Voltage Limits:** 10 VDC - 15 VDC
- **Design Current Load:** 4amps high filament output (4 total), 4amps tail light output
- **Over Current Protection:** Requires max 15 amp customer fuse
- **Operating Temperature:** -30°F to 150°F
- **Housing Material:** Copolymer, polypropylene, black
- **Maximum Mounting Fastener Size:** 1/4”
- **Operation:** Operates with LED and incandescent lighting
- **Wiring:** 16 GA GPT with UV inhibitor, compliant with SAE J1128

**How Does The Flasher Control Module Work?**

<table>
<thead>
<tr>
<th>Lamp Description</th>
<th>Driving Mode</th>
<th>Turning Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amber/Amber Warning Lamps</td>
<td>Flashing in Unison With Tractor, 60-85 flashes per minute</td>
<td>Opposite of Turn - Lamp is Steady On</td>
</tr>
<tr>
<td>Red/Black Stop/Tail Lamps</td>
<td>Tail function in steady burn mode</td>
<td>Opposite of Turn - Lamp is Steady On</td>
</tr>
</tbody>
</table>

**PN Description**

- **01-5615-70** LED Amber/Amber Warning Pedestal Packard 12010973 16 pcs
- **01-5616-70** LED Amber/Amber Warning Surface Packard 12010973 10 pcs
- **01-5616-72** LED Amber/Amber Warning Surface Deutsch DT04-2P 10 pcs
- **01-5617-70** LED Red/Black Stop/Tail Pedestal Packard 12010717 16 pcs
- **01-5618-70** LED Red/Black Stop/Tail Surface Packard 12010717 10 pcs
- **01-5618-72** LED Red/Black Stop/Tail Surface Deutsch DT04-3P 10 pcs

**Flasher Control Module Harness to Lamps**

- Power Harness from Tractor

**Housing Material:**

- **Material:** ABS housing/high impact acrylic lenses
- **Finish:** Amber/amber, red/black, amber/black
- **ASABE:** Meets ASABE S279 lighting specifications
- **FMVSS:** SAE versions meet all FMVSS 108 requirements
- **ECE:** ECE versions meet Reg. 6 (amber, rear direction indicator), Reg. 7 (red, stop, rear position)
- **IP67 Compliant**
- **Voltage:** Bi-voltage, 12 and 24 volt
- **Wiring:** 18 GA GPT with UV inhibitor, compliant with SAE J1128

**Power Harness from Tractor**
LED WhiteLight™ Interior Lighting

FEATURES & BENEFITS
- LED lamp is rated to 50,000 service hours
- Fits existing, similar incandescent lamp mountings
- Low heat; will not melt lens
- Encapsulant potting for total circuit board protection against moisture and corrosion

<table>
<thead>
<tr>
<th>PN</th>
<th>Description</th>
<th>Amp Draw</th>
<th>Effective Lumen</th>
</tr>
</thead>
<tbody>
<tr>
<td>61861</td>
<td>Gray aluminum housing, 6 diodes</td>
<td>.6 @ 9V .155 @ 30V</td>
<td>300</td>
</tr>
<tr>
<td>61871</td>
<td>Gray aluminum housing, 3 diodes</td>
<td>.32 @ 9V .094 @ 30V</td>
<td>150</td>
</tr>
<tr>
<td>61890</td>
<td>Gray aluminum housing, 6 diodes</td>
<td>.250 @ 12V</td>
<td>150</td>
</tr>
<tr>
<td>61891</td>
<td>Gray aluminum housing, 6 diodes</td>
<td>.48 ( @ 12V )</td>
<td>300</td>
</tr>
<tr>
<td>61931</td>
<td>Gray aluminum, flange mount housing, 6 diodes</td>
<td>.24 ( @ 12V )</td>
<td>150</td>
</tr>
<tr>
<td>61961</td>
<td>Gray aluminum housing, 3 diodes</td>
<td>.48 ( @ 12V )</td>
<td>300</td>
</tr>
<tr>
<td>61760</td>
<td>Black aluminum housing, 3 white, 3 red diodes</td>
<td>.250 @ 12V</td>
<td>150</td>
</tr>
<tr>
<td>61F30</td>
<td>Black surface mount plastic housing w/switch, 4 white, 4 red diodes</td>
<td>.250 @ 12.8V, 140 @ 25.6V</td>
<td>200</td>
</tr>
<tr>
<td>61F40</td>
<td>Black surface mount plastic housing w/switch, 4 white, 4 blue diodes</td>
<td>.250 @ 12.8V, 140 @ 25.6V</td>
<td>200</td>
</tr>
<tr>
<td>61F51</td>
<td>Black surface mount plastic housing w/switch, 6 white diodes</td>
<td>.480 @ 14V</td>
<td>300</td>
</tr>
</tbody>
</table>
LED SLIMWHITE

High output 500 lumen LED dome lamp emits low heat • Tough polycarbonate lens • Sturdy aluminum base • Profile is less than 3/4" high • Rated at 50,000 service hours • 61G01 multi-function: Segmented lamp design offers choice of three levels of light

18” LENGTH

<table>
<thead>
<tr>
<th>Code</th>
<th>Lumen</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>61E81</td>
<td>500 Lm, Frosted</td>
<td></td>
</tr>
<tr>
<td>61E91</td>
<td>500 Lm, Frosted</td>
<td></td>
</tr>
<tr>
<td>61G81</td>
<td>700 Lm, Clear</td>
<td></td>
</tr>
<tr>
<td>61F01</td>
<td>500 Lm, Frosted, w/ Switch</td>
<td></td>
</tr>
<tr>
<td>61F11</td>
<td>500 Lm, Frosted, w/ Switch</td>
<td></td>
</tr>
</tbody>
</table>

18" LENGTH

<table>
<thead>
<tr>
<th>Code</th>
<th>Lumen</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>61E81</td>
<td>1500 Lm, Frosted</td>
<td></td>
</tr>
<tr>
<td>61G01</td>
<td>2100 Lm, Clear, Multi-Function</td>
<td></td>
</tr>
</tbody>
</table>

Material: Polycarbonate/Aluminum
Finish: White
Volts / Amps: 18” 12V / .6A; 24V / .3A
Volts / Amps: 48” 12V / 1.2A

Support Products

FLEXIBLE-BASE STROBE LAMP

DIN fixing allows product to be quickly installed or moved with use of mounting stems • 75 flashes per minute (double flash), 7 joules • Shock-absorbing flexible rubber stem allows for 30° angle deflection • Robust polycarbonate thread-on lens is secured with a single set-screw • Mounting stems ordered separately

76963

Yellow

Class: II
Finish: Yellow
Accessory: Flash Tube: 92970
Mounting Brackets: Stem - 43665

CLASS I LED BEACON

Class I LED beacon is designed to provide optimal lighting for all application needs • LED technology benefits also include low power draw and reduced on-going maintenance costs and downtime • Permanent Mount

76253

Yellow, Low Profile

Class: I
SAE: J845
Volts / Amps: 12V / .5A/1A max

77953

Yellow, High Profile

76263

Yellow, Low Profile

77963

Yellow, High Profile

Class: I
SAE: J845
Volts / Amps: 24V / .2A/.5A max

LED CLASS I BEACON

Eight 3-watt LEDs provide unrivaled flash intensity • Double (80) or quad (65) flash operation with hi/lo intensity control • Designed for vibration resistance and heat dispersion • Die-cast aluminum base is coated against corrosion • Reverse polarity, voltage spike and surge protected • 12V to 24V operation spread

77873

Yellow

Class: I
SAE: J845
Volts / Amps: 12V - 24V / 3.7A

Material: Aluminum/Polycarbonate
Finish: Yellow
At Grote we feel that accurately expressing the key information for every lamp we sell is an ethical matter.

Now that LED white light work lamps are being sold by many different companies from all over the world, it is more important than ever that the information about LED white light work lamps be as accurate as possible, and be presented in a uniform way so that customers can have dependable and usable apple-to-apple comparison information. For Grote as an industry leader, it’s a matter of principle.

That’s why Grote is the first major supplier of LED white light work lamps used on heavy transportation and work vehicles to participate in the U.S. Department of Energy’s Lighting Facts® program. For the first time, this program provides a means to present lighting information certified accurate by the U.S. government.

Find out more at [www.grote.com](http://www.grote.com) or the Department of Energy’s website at [www.lightingfacts.com](http://www.lightingfacts.com)