

A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

Heavy Duty LED Flood Lamps

6" Round

4,800 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|-------------|--------------|-----------|--------------------------|---------------------|-----|
| LW6002 | 6 x 10W LED | Wide Flood | 12V - 70V | 4.32 @ 12V 2.18 @ 24V | 400 ft | Box |

> **Sealed Deutsch Connectors (both female & male mating connectors)**

- Lamp Dimension : 6-1/8" Dia x 3-3/16" D x 6-1/8" H Stud Size : 12M
- LED diode rated life : 50,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Powder coated U-bracket & stainless steel hardware
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection. Hi/Low voltage input/output protection.
- EMC IP68

5" x 4"

2,925 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|-------------|--------------|-----------|--------------------------|---------------------|-----|
| LW5052 | 6 x 10W LED | Wide Flood | 12V - 54V | 3.76 @ 12V 1.91 @ 24V | 350 ft | Box |

> **Sealed Deutsch Connectors (both female & male mating connectors)**

- Lamp Dimension : 5-1/8" W x 4-11/16" D x 5-3/16" H Stud Size : 3/8"
- LED diode rated life : 50,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67

5" x 5"

8,100 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|-------------|--------------|-----------|--------------------------|---------------------|-----|
| LW5352 | 9 x 10W LED | Flood | 12V - 30V | 4.22 @ 12V 2.30 @ 24V | 390 ft | Box |

> **Sealed Deutsch Connectors (both female & male mating connectors)**

- Lamp Dimension : 5-3/8" W x 6-11/16" H x 4-5/8" D Stud Size : 12M
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Powder Coated Steel U-Bracket, Stainless Steel Hardware
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP68 RoHs

LED Flood Lamps

A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

3.5" x 3.5"

1,150 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|-------------|--------------|----------|------------------------|---------------------|------|
| LW4533 | 10 x 1W LED | Flood / Spot | 9V - 36V | 1.5 @ 12V 0.8 @ 24V | 600 ft | Bulk |

LW4533-C LW4533 packaged in retail clamshell

LW4533-5 LW4533 with Female Deutsch Connector for easy plug into mating Male Deutsch receptacle

LW4533-5C LW4533-5 packaged in retail clamshell



- > **Special focal design enhances penetration of light**
- > **Flood beam pattern with spot beam penetration**

- Lamp dimension : 3-1/2" W x 4-11/16" H x 2-3/4" D Stud size : 5/16"
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67

PT6800-5 10" wire with Male Deutsch receptacle

PT6800-5P PT6800-5 packaged in retail polybag



LW4533-2K

Dual Lamp Kit with Plug & Go Harness

- 2 x **LW4533-5** with Female Deutsch Connectors
- 24 ft harness with 2 mating Male Deutsch receptacles, battery connections, fuse and in dash on/off switch
- Packaged in retail clamshell



4.5" x 3"

1,200 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|----------|--------------------------|---------------------|------|
| LW4332 | 6 x 3W LED | Flood | 9V - 36V | 1.48 @ 12V 0.81 @ 24V | 200 ft | Bulk |

LW4332-C LW4332 packaged in retail clamshell

- Lamp Dimension : 4-3/8" W x 3-3/4" H x 2-1/4" D Stud Size : 5/16"
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67



A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

6" x 2"

1,260 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|----------------------|-----------|--------------------------|---------------------|------|
| LW6008 | 6 x 3W LED | Flood Centre Spot | 12V - 30V | 1.42 @ 12V 0.71 @ 24V | 450 ft | Bulk |



LW6008-C LW6008 packaged in retail clamshell

LW6008-5 LW6008 with Female Deutsch Connector for easy plug into mating Male Deutsch receptacle

LW6008-5C LW6008-5 packaged in retail clamshell



> Flood beam with centre spot beam

- Lamp Dimension : 6-5/16" W x 1-13/16" H x 2-3/8" D Stud Size : 5/16"
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Adjustable e-coated steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- IP69K RoHs

PT6800-5 10" wire with Male Deutsch receptacle



PT6800-5P PT6800-5 packaged in retail polybag



LW6008-2K Dual Lamp Kit with Plug & Go Harness

- 2 x LW6008-5 with Female Deutsch Connectors
- 18 ft harness with 2 mating Male Deutsch receptacles, battery connections, fuse & in dash on/off switch
- Packaged in retail clamshell

6" x 4"

3,200 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|--------------------------|---------------------|-----|
| LW6032 | 8 x 5W LED | Flood | 10V - 30V | 3.06 @ 12V 1.70 @ 24V | 450 ft | Box |



- Lamp Dimension : 6-5/16" W x 3-15/16" H x 3-3/8" D Stud Size : 10M
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Acrylic lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- IP68 RoHs

LED Flood Lamps

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3" x 3"

1,000 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|------------|---------------------|------|
| LW0302 | 4 x 4W LED | Flood | 12V - 30V | 1.04 @ 12V | 650 ft | Bulk |

LW0302-C

LW0302 packaged in retail clamshell

- Lamp Dimension : 3-1/4" W x 3-1/4" D x 3" H Stud Size : 8M
- LED diode rated life : 50,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Multiple positions mounting brackets with hardware
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67 RoHs



Dual Lamp Kits with Plug & Go Harness:

LW0300-2K

1 x LW0302 Flood Lamp and 1 x LW0303 Spot Lamp with Female Deutsch Connectors
18 ft harness with 2 mating Male Deutsch receptacles, battery connections, fuse & in dash on/off switch
Packaged in retail box

LW0302-2K

2 x LW0302 Flood Lamps with Female Deutsch Connectors
18 ft harness with 2 mating Male Deutsch receptacles, battery connections, fuse & in dash on/off switch
Packaged in retail box

LW0303-2K

2 x LW0303 Spot Lamps with Female Deutsch Connectors
18 ft harness with 2 mating Male Deutsch receptacles, battery connections, fuse & in dash on/off switch
Packaged in retail box



3" x 3"

700 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|----------|--------------------------|---------------------|------|
| LW3030 | 4 x 3W LED | Flood | 9V - 36V | 1.20 @ 12V 0.62 @ 24V | 300 ft | Bulk |

LW3030-C

LW3030 packaged in retail clamshell

- Lamp Dimension : 2-7/8" W x 3-1/2" H x 1-9/16"D Stud Size : 6M
- LED diode rated life : 30,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate Lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67



A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

4.5" x 4"

840 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|------------------|--|--------------|----------|------------------------|---------------------|------|
| LW5040 | 8 x 1W LED | Flood | 9V - 36V | 0.8 @ 12V 0.5 @ 24V | 400 ft | Bulk |
| LW5040-C | Packaged in retail clamshell | | | | | |
| LW5040-5 | LW5040 with Female Deutsch Connector for easy plug into mating Male Deutsch receptacle | | | | | |
| LW5040-5C | LW5040-5 packaged in retail clamshell | | | | | |
| | <ul style="list-style-type: none"> Lamp dimension : 4-3/8" W x 4-7/8" H x 1-7/8" D Stud size : 5/16" LED diode rated life : 30,000 hours (<i>per manufacturer specifications</i>) High UV resistant polyester powder coated black aluminium housing Polycarbonate lens Adjustable stainless steel mounting bracket Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard. Reverse voltage protection EMC IP67 | | | | | |
| PT6800-5 | 10" wire with Male Deutsch receptacle | | | | | |
| PT6800-5P | PT6800-5 packaged in retail polybag | | | | | |

4" x 4"

1,440 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|----------------|---|--------------|-----------|--------------------------|---------------------|------|
| LW4252 | 6 x 3W LED | Flood | 10V - 30V | 1.27 @ 12V 0.62 @ 24V | 270 ft | Bulk |
| LW4252X | LW4252 packaged in open face retail box | | | | | |
| | <ul style="list-style-type: none"> Lamp Dimension : 4-3/16" W x 5" H x 1-1/4" D Stud Size : 8M LED diode rated life : 30,000 hours (<i>per manufacturer specifications</i>) High UV resistant polyester powder coated black aluminium housing Acrylic lens Adjustable stainless steel mounting bracket Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard. Reverse voltage protection IP67 RoHs | | | | | |

LED Flood Lamps

A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

4" x 4.5"

852 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|-------------|--------------|-----------|------------------------|---------------------|------|
| LW4052 | 12 x 1W LED | Wide Flood | 10V - 30V | 1.2 @ 12V 0.6 @ 24V | 300 ft | Bulk |

LW4052X

LW4052 packaged in open face retail box

- Lamp dimension : 3-15/16" W x 5-1/2" H x 3-1/4" D Stud size : 3/8"
- LED diode rated life : 40,000 hours (per manufacturer specifications)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection



4" Round

800 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|--------------------------|---------------------|------|
| LW4012 | 4 x 3W LED | Flood | 12V - 24V | 1.09 @ 12V 0.59 @ 24V | 380 ft | Bulk |

LW4012-C

LW4012 packaged in retail clamshell

- Lamp Dimension : 4-1/4" Dia x 3" D x 4-7/8" H Stud Size : 3/8"
- LED diode rated life : 30,000 hours (per manufacturer specifications)
- Hooded aluminium housing in black finish
- Polycarbonate Lens
- Adjustable zinc plated stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection. Hi/Low voltage input/output protection.
- IP67



4.5" Round

1,260 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|--------------------------|---------------------|------|
| LW4602 | 6 x 3W LED | Flood | 12V - 30V | 1.33 @ 12V 0.72 @ 24V | 200 ft | Bulk |

LW4602-C

LW4602 packaged in retail clamshell

- Lamp dimension : 4-9/16" Dia. x 5-1/16" H x 1-3/4" D Stud size : 5/16"
- LED diode rated life : 30,000 hours (per manufacturer specifications)
- Hooded high UV resistant polyester powder coated black aluminium housing
- Acrylic lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC IP67 RoHs



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4.5" Round

1,000 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|------------------------|---------------------|------|
| LW4002 | 6 x 3W LED | Flood | 12V - 70V | 1.7 @ 12V 0.8 @ 24V | 400 ft | Bulk |

LW4002X LW4002 packaged in open face retail box

- Lamp dimension : 4-5/8" Dia. x 5-3/8" H x 2-3/4" D Stud size : 3/8"
- LED diode rated life : 50,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection. Hi/Low voltage input/output protection.
- EMC IP67

4" x 4"

1,300 Lumens



| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|------------|--------------|-----------|------------------------|---------------------|------|
| LW4502 | 6 x 3W LED | Wide Flood | 10V - 80V | 0.8 @ 12V 0.6 @ 24V | 250 ft | Bulk |

LW4502X LW4502 packaged in open face retail box

- Lamp dimension : 4-11/16" Dia. x 5-13/16" H x 2-13/16" D Stud size : 10M
- LED diode rated life : 40,000 hours (*per manufacturer specifications*)
- High UV resistant polyester powder coated black aluminium housing
- Polycarbonate lens
- Adjustable stainless steel mounting bracket
- Vibration tested to SAE J575 standard. Corrosion protection tested to ASTM B117 standard.
- Reverse voltage protection
- EMC

Sales Tips

There's more to choosing LED Lamps than just lumens.

- Focal design is equally important for aiming, shaping and dispersing light.
- Lenses and reflectors create the beam patterns necessary for their intended use and to enhance performance.
- Housing designs combine functionality and durability with the stylish profiles demanded by the off-road and light truck accessory markets.

Uni-Bond's LED performance lamps come in four basic beam patterns:

1. Spot beam which stays tightly focused for long distances.
2. Flood beam which spreads the available light across a wider path.
3. Wide flood beam which broadly covers the immediate area.
4. Flood/Spot combination beam that has both spot and flood capabilities.

Choose the right lamp for the job.

LED Flood Lamps

A variety of performance LED flood lamps for off-road application. State of the art optic system. High lumen output with low power consumption. Emits natural white light which reduces eye fatigue. Aluminium body has thermal management system to control heat.

4.5" Round (Par 36) 260 Lumens

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|---------------|--------|--------------|---------|------------|---------------------|------|
| LW5003 | 19 | Flood | 12V | 0.15 @ 12V | 200 ft | Bulk |

LW5003X LW5003 packaged in open face retail box

- Lamp Dimension : 4-7/8" Dia. x 5-7/8" H x 3" D Stud Size : 5/16"
- LED diode rated life : 20,000 hours (*per manufacturer specifications*)
- Steel reinforced rubber-like high impact synthetic resin housing
- Polycarbonate lens
- Adjustable zinc plated steel mounting bracket
- Vibration tested to SAE J575 standard
- Reverse voltage protection



LED Flood Lamp with Magnetic Base & Cigarette Power Supply Adaptor

LW5003-M Magnetic lamp assembly in bulk pack

LW5003-MX Magnetic lamp assembly in open face retail box

| Part No. | Diodes | Beam Pattern | Voltage | Amp Draw | Optimal Penetration | Pkg |
|----------------|--------|--------------|---------|------------|---------------------|------|
| LWC5003 | 19 | Flood | 12V | 0.15 @ 12V | 200 ft | Bulk |

LWC5003X LWC5003 packaged in open face retail box

- Lamp Dimension : 4-7/8" Dia. x 6" H x 2-5/8" D Stud Size : 5/16"
- LED diode rated life : 20,000 hours (*per manufacturer specifications*)
- Chrome steel housing
- Polycarbonate lens
- Adjustable zinc plated steel mounting bracket
- Vibration tested to SAE J575 standard
- Reverse voltage protection



LED Lamp Only (without Housing) - LED substitution for Par 36 sealed beam lamp

LED4100-19W Replacement LED lamp for LW5003 and LWC5003

LED4100-19WP LW4100-19W packaged in retail polybag

