



**MILITARY
LED LIGHTING SYSTEMS**



TRUCK-LITE MILITARY LED LIGHTING SYSTEMS

AVAILABLE FOR IMMEDIATE PRODUCTION AND/OR VEHICLE RETROFIT

STANDARD TRUCK-LITE MILITARY LED FEATURES & BENEFITS

- Form/Fit/Function replacements for current product
- Superiority only Truck-Lite LEDs can offer:
 - LED life surpasses the 2,000 hours of incandescent bulbs by nearly 50 times
 - Lens and housing assemblies constructed of impact resistant polycarbonate, with composite lamps and marker/clearance lamps utilizing common military bracket bucket colors
 - All electronics are fully encapsulated in epoxy, making lamps less susceptible to damage from moisture and corrosion, and impervious to shock and vibration
 - LED technology allows for faster start-up times and lower current draw

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MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- 16 gauge SXL wires, hard wired w/ connectors
- Stamped steel universal bracket & stainless steel hardware

LIGHT SOURCE:

- 10 24v light emitting diodes (LEDs)
- Amperage draw: 1.4a per lamp, 22.4a per kit
- Lumen output: 1,300 per lamp, 20,800 per kit
- Candela output: 33,000 per lamp, 500,000 per kit



FEATURES & BENEFITS:

- Developed with high output LEDs for route clearance missions and situational operations
- Offers brighter, crisper and whiter light output with exceptional projection distance
- Kit contains 6 LED lamps (white, AUX, IR functions), harness, mounting brackets, and switch box
- White LED Technology offers longer life (250x longer life than comparable incandescent lamps)
- 100% Operational Readiness with overvoltage protection to 600v
- Universal bracket design accommodates installation on any bolt to position where preferred
- Switches are integrated into dash with no external switch box
- Harness designed in modules for ease of repairability, with components segmented for battery harness, cabin harness, left & right light banks and top and bottom front harnesses
- Designed for RG31 vehicles

Part#	NSN#	Description
07630	6220-01-629-4494	LED 360 Degree Situational Awareness Kit, with Infrared
07620	6220016484441	IR Perimeter Lamp with White & IR combined
85365	6150016484694	Front 2-Lamp Harness
85362	6150016484468	Roadside Mid-Lamp Harness
85364	6150016484462	Rear 2-Lamp Harness
85363	6150016486773	Curbside Mid-Lamp Harness
85361	6150016484459	Power Harness



MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- 16 gauge SXL wires, hard wired w/ connectors
- Stamped steel universal bracket & stainless steel hardware

LIGHT SOURCE:

- 10 24v light emitting diodes (LEDs)
- Amperage draw: 1.4a per lamp, 22.4a per kit
- Lumen output: 1,300 per lamp, 20,800 per kit
- Candela output: 33,000 per lamp, 500,000 per kit

FEATURES & BENEFITS:

- Developed with high output LEDs for route clearance missions and situational operations
- Offers brighter, crisper and whiter light output with exceptional projection distance
- Kits contain 16 LED lamps, harness, mounting bracket and switches for left/right side and forward lighting
- Advanced use of White LED Technology offers longer life (250x longer life than comparable incandescent lamps)
- 100% Operational Readiness with overvoltage protection to 600v
- Universal bracket design accommodates installation on any bolt to position where preferred
- Switches are integrated into dash with no external switch box
- Harness designed in modules for ease of repairability, with components segmented for battery harness, cabin harness, left & right light banks and top and bottom front harnesses

Part#	NSN#	Description
07385	6220-01-566-8982	LED Area Lighting Kit (Buffalo Vehicles), 24v
07399	6220-01-563-8562	LED Area Lighting Kit (JERRV, RG31 & RG33 Vehicles), 24v

07385/07399 KIT CONTENTS:

12 07392 Flood lamps	1 97323 Circuit breaker NSN# 5925-01-576-1416	1 07148 Front HL harness drop NSN# 6150-01-575-7624	1 07155 Breaker switch jumper NSN# 5995-01-576-1500	1 07159 Chassis ground switch NSN# 5999-01-576-1490
2 07397 Spot lamps	1 97324 Lighted rocker switch NSN# 5930-01-576-1419	1 07149 Roadside harness NSN# 6150-01-575-9017	1 07156 Breaker switch jumper NSN# 5995-01-575-9784	1 07153 Batt. cable (for 07385) NSN# 6150-01-575-7647
2 07382 Auxiliary lamps	1 97325 Lighted rocker switch NSN# 5930-01-576-1423	1 07150 Curbside harness NSN# 6150-01-575-7631	1 07157 Breaker switch jumper NSN# 5995-01-576-1508	1 07154 Batt. cable (for 07399) NSN# 6150-01-574-5902
16 97327 Univ. mounting bracket NSN# 2590-01-574-9978	1 97326 Lighted rocker switch NSN# 5930-01-576-1424	1 07152 6-cond. main harness NSN# 6150-01-575-7641	1 07158 Battery-breaker jumper NSN# 5995-01-576-1523	
16 97328 Bar armor back plate NSN# 2590-01-578-1644				
16 97329 Base mounting bracket				

MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- 16 gauge SXL wires, hard wired with connectors
- Stainless steel hardware

LIGHT SOURCE:

- 26 24v infrared light emitting diodes (LEDs)
- Designed at 24.0v, 0.1a



FEATURES & BENEFITS:

- Lamp rated at 100,000 hours of operation
- Retrofits to current SOCOM Infrared Lamp (#11589477-2)
- Plug-n-play additional to Route Clearance Vehicle Kits, providing 360° situation awareness for infrared visibility and area lighting
- Lamp lens is completely sealed and internal electronics are fully encapsulated to prevent against damage caused by moisture and corrosion
- Current regulated, with over-voltage and voltage spike protection

Part#	NSN#	Description
07499	5855-01-579-0721	LED Infrared Lamp Kit, Black Finish
07460	6240-01-579-3109	LED Infrared Lamp, Black Finish
07471		LED Infrared Lamp w/ Y Pigtail, Atlas II Platform



MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- 16 gauge SXL wires, hard wired with connectors
- Stainless steel hardware

LIGHT SOURCE:

- 6 24v light emitting diodes (LEDs)
- Designed at 28.0v, 0.5a
- 450 lumens output

FEATURES & BENEFITS:

- LED light output is whiter and brighter creating better visibility where you need it most
- Provides additional auxiliary lighting, with minimal current draw
- 24 volt lamp operates at full brightness between 21v and 34v with overvoltage protection at 600v
- Includes stainless steel mounting hardware, mounting on one 5/16"-18 stud

Part#	NSN#	Description
07825		LED Auxiliary Work Lamp, Green Finish
07826	6220-01-611-1205	LED Auxiliary Work Lamp, Tan Finish
07824		LED Auxiliary Work Lamp, Black Finish

MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- Steel bucket
- 16 gauge SXL wires, hard wired with connector

LIGHT SOURCE:

- 12.8v, 1.80a (low beam), 3.60 amps (high beam)
- 25.6v, 1.00a (low beam), 1.80 amps (high beam)



FEATURES & BENEFITS:

- DOT compliant, High Beam and Low Beam performance
- Newly-upgrade options feature a complex-reflector design that spreads light more evenly across the field of view
- Provides brighter, crisper, whiter light output closer to the color of daylight, dramatically improving light projection distance and overall visibility
- Heated Lens options available for steady, complete-surface melting of snow and ice - only active when temperatures drop
- Solid-state design with internal components sealed in epoxy to resist damage from shock & vibration
- Hard wired design, fully encapsulated electronics & eCoat, die cast aluminum housing protect from damage caused by corrosive elements
- Impact resistant non-yellowing lens-grade polycarbonate lens protects against damage caused by debris and other hazards
- Retrofits any existing 7" round headlamp application, 12v or 24v, as 9v-33v multivolt design operates in both 12v and 24v systems without adjustment
- Overvoltage spike protection up to 600v
- Constant voltage output does not increase or dim in response to system voltage changes
- Short (3/8") and Long (3/4") bucket mounting studs options available

Part#	NSN#	Description
07820	6220-01-642-5162	12v/24v LED Headlamp w/Heated Lens (RG31 Vehicle)
07370	6220-01-547-9043	OBS 24v LED Headlamp: Supercede 07380A, 07496
07380	6220-01-575-9838	OBS 12v LED Headlamp: Supercede 07380A, 07496
07303	6220-01-586-6266	OBS 12v LED Headlamp: Supercede 07303A
07380A	6220-01-607-9202	12v/24v LED Headlamp
07303A	6220-01-607-8477	12v/24v LED Headlamp w/ Commercial H4 (3-Blade Connector)
07496	6220-01-616-1079	12v/24v LED Headlamp w/ Heated Lens



MATERIAL:

- Polycarbonate lens
- Die cast aluminum housing
- Steel bucket
- 16 gauge SXL wires, hard wired with connector

LIGHT SOURCE:

- 12.8v, 1.80a (low beam), 3.60 amps (high beam)
- 25.6v, 1.00a (low beam), 1.80 amps (high beam)

Part#	NSN#	Description
07371	6220-01-547-9049	OBS 24V LED Headlamp w/ Green Bucket: Supercede 07379A, 07779
07372	6220-01-555-5625	OBS 24v LED Headlamp w/ Green Bucket: Supercede 07372A, 07772
07377	6220-01-576-4585	OBS 24v LED Headlamp w/ Tan Bucket: Supercede 07377A, 07777
07379	6220-01-547-9049	OBS 24v LED Headlamp w/ Black Bucket: Supercede 07379A, 07779
07379A	6220-01-576-5372	12v/24v LED Headlamp w/ Black Bucket Long Mount
07372A	6220-01-555-5625	12v/24v LED Headlamp w/ Green Bucket Long Mount
07377A	6220-01-610-8740	12v/24v LED Headlamp w/ Tan Bucket Long Mount
07772	6220-01-600-5069	12v/24v LED Headlamp w/ Heated Lens, Green Bucket, Long Mnt
07777	6220-01-627-7546	12v/24v LED Headlamp w/ Heated Lens, Tan Bucket, Long Mount
07779		12v/24v LED Headlamp w/ Heated Lens, Black Bucket, Long Mnt

MATERIAL:

- Polycarbonate lens, housing and bracket
- Steel mounting bracket
- 16 gauge SXL wires, hard wired with connectors

LIGHT SOURCE:

- 3 Light emitting diodes (LEDs)
- Designed at 14.0v/28.0v, .10a

FEATURES & BENEFITS:

- Univolt technology operates on 12 or 24 volt systems without the need for adjustment
- Features LED 'black out' design for stealth operations
- Conforms to STANAG agreement, MIL-STD-1179



Part#	NSN#	Description
07170	6220-01-646-5434	Blackout Drive Lamp
07179	6220-01-566-0985	Thin LED Lamp, Green
07320	6220-01-496-1925	Thin LED Lamp, Green w/ Bracket
07363	6220-01-557-0642	Thin LED Lamp, Tan w/ Bracket
07362	6210-01-550-0350	Thin LED Lamp, Black w/ Bracket



MATERIAL:

- Polycarbonate lens
- Steel housing
- 16 gauge GPT wires

LIGHT SOURCE:

- 6 light emitting diodes (LEDs)
- Designed at 13.5v, .40a

FEATURES & BENEFITS:

- Form/Fit/Function replacements for current incandescent dome lamp products
- Heavy duty steel black powder coated housing
- Surpasses the 2,000 hours of incandescent bulbs by nearly 50x
- As much as 60% lower power consumption than incandescent lamps, allowing additional power for other vehicle applications
- All electronics fully sealed in epoxy, to resist against damage from corrosion & moisture

Part#	NSN#	Description
80161C	6220-01-558-4432	24v LED Dome Lamp w/ Packard Connection
80162C	6220-01-601-3831	12v LED Dome Lamp w/ Blunt Cut Wire

MATERIAL:

- Polycarbonate lens, housing and bucket
- 16 gauge SXL wires, hard wired with connectors

LIGHT SOURCE:

- 29 Light emitting diodes (LEDs)
- Designed at 14.0v / 28.0v, .50 (stop) / .04a (tail)

FEATURES & BENEFITS:

- Advanced univolt technology allows both 12 or 24 volt systems to run without adjustment
- Features exclusive LED 'black out' design
- Conforms to FMVSS 108 & STANAG agreement, MIL-STD-1179

Part#	NSN#	Description
07240	6220-01-482-9850	Thin Lamp, Green
07411	6220-01-482-6105	Thin Lamp, Green w/ Bucket
07358	6220-01-544-5789	Thin Lamp, Tan
07426	6210-01-550-0490	Thin Lamp, Tan w/ Bucket
07356	6210-01-549-6519	Thin Lamp, Black
07415	6210-01-549-6409	Thin Lamp, Black w/ Bucket





MATERIAL:

- Polycarbonate lens, housing and bucket
- 16 gauge SXL wires, hard wired with connectors

LIGHT SOURCE:

- 62 Light emitting diodes (LEDs)
- Designed at 14.0v, 1.3a (turn), .20 (park), & 28.0v, .70a (turn), .12a (park)

FEATURES & BENEFITS:

- Advanced univolt technology allows both 12 or 24 volt systems to run without adjustment
- Features exclusive LED 'black out' design
- Conforms to FMVSS 108 & STANAG agreement, MIL-STD-1179

Part#	NSN#	Description
07241	6220-01-516-1292	Thin Lamp, Green
07412	6220-01-482-6107	Thin Lamp, Green w/ Bucket
07359	6210-01-550-1399	Thin Lamp, Tan
07427	6220-01-544-5905	Thin Lamp, Tan w/ Bucket
07357	6210-01-549-6525	Thin Lamp, Black
07417	6210-01-549-6419	Thin Lamp, Black w/ Bucket

FEATURES & BENEFITS:

- Flashes both filament bulb and LED vehicle lighting systems
- Flasher is required to operate no-load LED lighting
- Works as a direct drop in replacement for NSN# 5945-00-789-3706
- Fully sealed to meet MIL-STD-1184 Method 100
- Unit conforms to MLT-DTL-62069
- Built for 24v systems

Part#	NSN#	Description
97315	5945-01-584-9793	No-load Flasher
97231	5945-01-485-6381	No-Load Flasher





07910 KIT CONTENTS:

- 1 - 07320 Blackout Drive Lamp
- 2 - 07411 Rear Comp. Lamps
- 2 - 07412 Front Comp. Lamps
- 1 - 97315 Flasher

07912 KIT CONTENTS:

- 1 - 07363 Blackout Drive Lamp
- 2 - 07426 Rear Comp. Lamps
- 2 - 07427 Front Comp. Lamps
- 1 - 97315 No-Load Flasher

FEATURES & BENEFITS:

- Includes 5 lamps and 1 flasher required to outfit a complete vehicle retrofit
- Advanced univolt technology allows both 12 or 24 volt systems to run without adjustment
- Features LED 'black out' design
- Conforms to FMVSS 108 & STANAG agreement, MIL-STD-1179
- Retrofits incandescent lighting to LED for HMMWV

Part#	NSN#	Description
07910		HMMWV Kit, Green
07912		HMMWV Kit, Tan

MATERIAL:

- Acrylics lens & polycarbonate housing
- 16 gauge SXL wires, hard wired with connectors

LIGHT SOURCE:

- Designed at 13.5v/28.0v, .05a



KIT COMPONENTS:

- Military M/C pigtail
- Bracket mount

FEATURES & BENEFITS:

- Advanced univolt technology allows both 12 or 24 volt systems to run without adjustment
- Features exclusive LED 'black out' design
- Conforms to FMVSS 108 & STANAG agreement, MIL-STD-1179

Part#	NSN#	Description
18085R	6220-01-516-0454	Red Lamp w/ Green Bracket
18085Y	6220-01-494-0572	Yellow Lamp w/ Green Bracket
18088R	6220-01-550-1491	Red Lamp w/ Tan Bracket
18088Y	6220-01-550-1397	Yellow Lamp w/ Tan Bracket
18087R	6220-01-550-0340	Red Lamp w/ Black Bracket
18087Y	6220-01-549-6532	Yellow Lamp w/ Black Bracket
18083R	6220-01-522-2729	Red Lamp
18083Y	6220-01-494-0538	Yellow Lamp



MATERIAL:

- Polycarbonate lens & housing
- 16 gauge SXL wire, hard wired with connectors

LIGHT SOURCE:

- Light Emitting Diodes (LEDs)
- Designed at 1.2a

KIT COMPONENTS:

- Military M/C pigtail
- Cam-on bracket mount

FEATURES & BENEFITS:

- Univolt technology allows use on 12 and 24 volt systems
- Complies with FMVSS 108 requirements, at PC-rated light output
- Kits include a pigtail and a deflector mount with an inner bracket that allows cam-on of the lamp for quick and easy installation

Part#	NSN#	Description
07333	6220-01-518-8806	Red Lamp, Green Bracket
07334	6220-01-518-8805	Yellow Lamp, Green Bracket
30886R	6220-01-534-3964	Red Lamp
30886Y	6220-01-534-3965	Yellow Lamp

MATERIAL:

- Polycarbonate lens & housing
- 16 gauge SXL wire, hard wired with connectors

LIGHT SOURCE:

- Light Emitting Diodes (LEDs)
- Designed at 1.2a

KIT COMPONENTS:

- Military M/C pigtail
- Cam-on bracket mount


FEATURES & BENEFITS:

- Univolt technology allows use on 12 and 24 volt systems
- Complies with FMVSS 108 requirements, at PC-rated light output
- Kits include a pigtail and a deflector mount with an inner bracket that allows cam-on of the lamp for quick and easy installation

Part#	NSN#	Description
07184	6220-01-505-3356	Red Lamp w/ Green Bracket
07406	6220-01-482-6113	Red Lamp Kit w/ Green Bracket
07183	6220-01-505-3107	Yellow Lamp w/ Green Bracket
07407	6220-01-482-5574	Yellow Lamp Kit w/ Green Bracket
07176	6210-01-550-1498	Red Lamp w/ Tan Bracket
07429	6210-01-550-1495	Red Lamp Kit w/ Tan Bracket
07174	6210-01-550-1497	Yellow Lamp w/ Tan Bracket
07431	6210-01-553-1633	Yellow Lamp Kit w/ Tan Bracket
07175	6210-01-550-0489	Red Lamp w/ Black Bracket
07428	6210-01-550-0495	Red Lamp Kit w/ Black Bracket
07173	6210-01-550-0487	Yellow Lamp w/ Black Bracket
07430	6210-01-550-0392	Yellow Lamp Kit w/ Black Bracket
30255R	6220-01-482-5444	Red Lamp
30255Y	6220-01-482-5320	Yellow Lamp



MATERIAL:

- Polycarbonate housing
- 18 gauge wire with bullet terminals

LIGHT SOURCE:

- Designed at .05a

KIT COMPONENTS:

- Military M/C pigtail
- Aluminum deflector mount

FEATURES & BENEFITS:

- Allows both 12 or 24 volt systems to run without adjustment
- Complies with SAE J592 (when mounted horizontally between 0 and 34 degrees rollback) & J594 requirements

Part#	NSN#	Description
35004R	6220-01-516-4923	Red Lamp Kit
35004Y	6220-01-516-4924	Yellow Lamp Kit
35890R	6220-01-516-4925	Red Lamp
35890Y	6220-01-516-4926	Yellow Lamp
35720	6220-01-511-0617	Aluminum Bracket
35751R	6220-01-577-2295	Red ID Bar Assembly, 6" Centers, Tan Bracket
35751Y	6220-01-577-2302	Yellow ID Bard Assembly, 6" Centers, Tan Bracket

MATERIAL:

- UV-Coated, polycarbonate reflectors
- Polycarbonate lens & housing
- 20 gauge wires
- Over-mold hot melt substrate

LIGHT SOURCE:

- Designed at 13.5v to 28.0v, .045 to .060a (constant current)



FEATURES & BENEFITS:

- Small footprint adds M/C lighting where space is at a premium
- Peel-and-stick installation is quick and easy

Part#	NSN#	Description
36130R		10v-30v Model 36 Winged Lamp, Red
36130Y		10v-30v Model 36 Winged Lamp, Yellow
36131R		Model 36 Reflector, Red
36131Y		Model 36 Reflector, Yellow



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