

LED Driving Lights Specification Sheet

LED driving lights for off-road vehicles and heavy machinery that need a reliable, high-output beam pattern to improve visibility on unpaved roads, construction sites and low-light industrial environments without relying on halogen or incandescent bulbs that fail under vibration or draw excessive cu

29 models listed	2010 manufacturing since	80+ countries supplied	ISO 9001 quality system
------------------	--------------------------	------------------------	-------------------------



7 Inch CREE 10W High Power Driving Light

The SLL-7090 is a 7 inch high power driving light designed for off-road vehicles and heavy machinery that operate in extreme conditions. Nine 10W CREE LEDs deliver 7200 lumens in a focused 10 degree spot beam, providing long-range visibility through dust, rain and fog. The die-cast aluminium housing with UV resistant polyester p

Part Number	SLL-7090
LED	9 pcs x 10W CREE
Beam Pattern	Spot
Beam Angle	10 degrees
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Colour Temperature	6000K
Waterproof Rating	IP68



9 Inch 120W LED Driving Light Spot Beam

The SLL-9121 is a 9 inch LED driving light with a 10 degree spot beam designed for vehicles that operate in low visibility conditions and need a focused beam to cut through fog, rain, or darkness. Twelve 10W CREE LEDs deliver 9600 lumens at 6000K colour temperature, providing a long-range beam that illuminates the road ahead wit

Part Number	SLL-9121
Max Power	120W
LED	12 pcs x 10W CREE
Beam Pattern	Spot
Colour Temperature	6000K
Operating Voltage	9-32V DC
Lens Material	Anti-reflective UV resistant PC
Bracket Material	Die-cast aluminium



9 Inch 225W High Power LED Driving Light Spot

The SLL-9225 is a 9 inch high power LED driving light spot designed for vehicles that operate in low visibility conditions and extreme environments. The die-cast aluminium housing with UV resistant polyester powder coating and IP68 sealing ensures long-term durability under dust, water, and vibration. The light operates across a

Part Number	SLL-9225
Max Power	225W
LED	45 pcs x 5W CREE
Beam Pattern	Spot
Beam Angle	10 degrees
Colour Temperature	6000K
Operating Voltage	9-32V DC
Housing Material	Die-cast aluminium, UV resistant polyester powder coating



7 Inch 105W 8 400 LM 6000K

The SLL-7105 is a 7 inch spot beam LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers 8400 effective lumens from 105W of real power using nine Osram 5W LEDs, providing a focused beam that extends visibility beyond the vehicle's standard headlights. The die-

Part Number	SLL-7105
Max Power	105W
Real Power	105W
LED	9 pcs x 5W Osram
Effective Lumen	8400 lm
Beam Pattern	Spot
Colour Temperature	6000K
Operating Voltage	9-32V DC



Real Work LED Lights

The SLL-0702-12-M is a 3 inch round LED work light designed for consistent illumination on machines that operate in harsh conditions. It delivers 960 effective lumens with a wide flood beam pattern, ensuring visibility across the immediate work zone without hot spots. The die-cast aluminium housing with durable UV polyester powder

Part Number	SLL-0702-12-M
Power	12W
LED	12 pcs x 1W Osram
Effective Lumen	960 lm
Beam Pattern	Wide Flood
Colour Temperature	6000K
Operating Voltage	9–32V DC
Operating Temperature	-40 to +85 degrees Celsius



Best LED Work Lights

The SLL-0702-16-M is a 3.5 inch round LED work light designed for machines that operate in low-light conditions with exposure to dust, water and vibration. Sixteen 1W Osram LEDs deliver 1280 effective lumens in a wide flood beam pattern, providing even illumination across the immediate work zone on UTVs, ATVs, Jeeps, trucks, and

Part Number	SLL-0702-16-M
Max Power	16W
Real Power	16W
LED	16 pcs x 1W Osram
Effective Lumen	1280 lm
Beam Pattern	Flood
1 Lux Reading	Flood 50 meters
Colour Temperature	6000K



LED Light for Work

The SLL-0702-24-M is a 4 inch round LED work light designed for off-road machines that operate in low light, dust, and vibration. Twenty-four 1W Osram LEDs deliver 1920 effective lumens in a wide flood beam pattern, providing even illumination across the immediate work zone on excavators, forklifts, and utility vehicles. The die

Part Number	SLL-0702-24-M
Max Power	24W
Real Power	24W
LED	24 pcs x 1W Osram
Beam Pattern	Wide Flood
Colour Temperature	6000K
Operating Voltage	9 to 32V DC
Lens Material	Anti-UV polycarbonate



2 Inch Off-Road LED Lights

The SLL-0801-10 is a 2 inch square off-road LED light designed for motorcycles and light off-road vehicles that operate in low visibility conditions. It delivers a 10° spot beam with a reach of 251 meters, three times the distance of a standard motorcycle high beam, enabling safe navigation on unlit trails and rural roads. The I

Part Number	SLL-0801-10
Power	1x10W CREE LED
Raw Lumens	1,000 lm
Effective Lumens	800 lm
Beam Pattern	Spot
1 Lux Reading	251 meters
Beam Angle	10°
Colour Temperature	6000K



5 Inch 45W 3 600 Lumens 6000K

The SLL-5046 is a 5 inch round LED driving light designed for off-road vehicles that operate in dark, dusty, and high-vibration environments. It delivers 3600 effective lumens with a spot beam pattern, providing a clear and bright long-range beam for safe navigation on unpaved roads and trails. The die-cast aluminium housing and

Part Number	SLL-5046
Max Power	45W
Effective Lumen	3600 lm
LED	1 x 45W CREE
Beam Pattern	Spot
Colour Temperature	6000K
Operating Voltage	9–32V DC
Housing Material	Die-cast aluminium with UV-resistant polyester powder coating



90W 7 200 Lumens 6000K

The SLL-7091 is a 7 inch round LED driving light designed for off-road vehicles and heavy machinery that operate in extreme conditions. It uses five 5W CREE LEDs to deliver 7200 effective lumens with a 6000K colour temperature, providing clear visibility in dust, rain, and high vibration environments. The die-cast aluminium housing

Part Number	SLL-7091
Max Power	90W
Real Power	90W
LED	5 pcs x 5W CREE
Effective Lumen	7200 lm
Beam Pattern	Spot (optional)
Colour	6000K
Temperature	
Operating Voltage	9-32V DC



5 Inch 45W 3 600 LM 6000K

The SLL-5044 is a 5 inch spot beam driving light built for off-road vehicles that need to see far ahead in rain, fog, and dust. It uses nine 5W Osram LEDs to deliver 3600 effective lumens in a focused beam, so an operator on a 4x4 or mining vehicle can detect distant obstacles before reaching them. The die-cast aluminium housing

Part Number	SLL-5044
Max Power	45W
Real Power	45W
LED	9 pcs x 5W Osram
Effective Lumen	3600 lm
Beam Pattern	Spot
Colour	6000K
Temperature	
Operating Voltage	9-32V DC



9 Inch 135W 10 800 LM 6000K

The SLL-9136 is a 9 inch spot beam driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers 10,800 effective lumens from 135W of real power using high-quality Osram LEDs, providing a long-range focused beam that cuts through fog, rain, and darkness. The die-cast alum

Part Number	SLL-9136
Max Power	135W
Real Power	135W
LED	High-quality Osram LEDs
Theoretical Lumen	13,500 lm
Effective Lumen	10,800 lm
Beam Pattern	Spot
Colour	6000K
Temperature	



9 Inch 72W 4800 LM

The SLL-9721 is a 9 inch high beam LED driving light built for off-road vehicles that operate in dark, rugged terrain and must withstand vibration, dust, and water exposure. Twelve 5W Osram LEDs deliver 4800 effective lumens in a high beam pattern, providing clear visibility across uneven ground and improving safety on unlit tra

Part Number	SLL-9721
Max Power	72W
Real Power	69W
LED	12 pcs x 5W Osram
Effective Lumen	4800 lm
Beam Pattern	High beam
Colour	6000K
Temperature	
Operating Voltage	9-32V DC



Forklift Blue Safety Lights

The SLL-5059-45A is a 5 inch round blue spot safety light for forklifts designed to improve visibility and safety in narrow aisles and high-traffic intersections. It emits a focused 7 degree blue spotlight with 3600 lumens to warn pedestrians and other operators when the forklift is reversing. The 360 degree swivel bracket allow

Part Number	SLL-5059-45A
Diameter	5 inches
Max Power	45W
LED	9 pcs x 5W CREE
Lumens	3600 LM
Beam Pattern	7° Spot
Beam Angle	7 degrees
Swivel Mount	360 degree



7 Inch 59W 4000 LM

The SLL-9721-50 is a 7 inch high beam LED driving light built for off-road trucks, excavators, and mining machinery operating in dark, rugged terrain. Ten 5W Osram LEDs deliver 4000 effective lumens in a focused high beam pattern, improving visibility on unpaved roads and reducing the risk of collision during night operations. T

Part Number	SLL-9721-50
Max Power	59W
Real Power	59W
LED	10 pcs x 5W Osram
Effective Lumen	4000 lm
Beam Pattern	High Beam
1 Lux Reading	Not specified
Colour Temperature	6000K



8 Inch 69W 4800 LM

The SLL-9721-60 is an 8 inch high beam LED driving light built for off-road vehicles and heavy machinery that operate on dark, rugged terrain. The light is approved under ECE R10, R112, and R87, which ensures compatibility with road-going machines in Europe and prevents electrical interference. The die-cast aluminium housing wit

Part Number	SLL-9721-60
Max Power	69W
Real Power	60W
LED	12 pcs x 5W Osram
Effective Lumen	4800 lm
Beam Pattern	High Beam
Colour Temperature	6000K
Operating Voltage	9–32V DC



LED BEZEL LESS LED DRIVIN LIGHT 4800lm 48W

Part number SLL-4048D

The SLL-4048D is a bezel-less LED driving light designed for off-road vehicles and heavy machinery that operate in extreme conditions. With 4800 effective lumens from a 48W power draw, it provides a wide, even beam pattern that illuminates the full path ahead without glare or hot spots. The die-cast aluminium alloy housing is se

Part Number	SLL-4048D
Max Power	48W
Real Power	48W
Luminous Flux	4800LM
Beam Pattern	Wide
Waterproof Rating	IP67
Operating Voltage	10-32V DC
Operating Temperature	-45 to +85 degrees Celsius

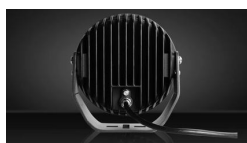


9 Inch LED Driving Light SLL-F032H

Part number SLL-F032H

The SLL-F032H is a 9 inch LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. Thirty-two Osram CROP-SH LEDs deliver a high output of 16892 raw lumens and up to 140 effective lumens per watt, providing long-range illumination with a 1 lux reading at 1133 meters. The inte

Part Number	SLL-F032H
Size	9 inch
Max Power	115W
LED	32 pcs x Osram CROP-SH
Raw Lumen	16892 lm
Effective Lumen	140 lm/W
Beam Pattern	Spot
1 Lux Reading	1133 meters



9 Inch LED Driving Light SLL-F033

Part number SLL-F033

The SLL-F033 is a 9 inch LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers a raw output of 13500 lumens using Osram CROP-SH LEDs, projecting a beam that reaches 1 lux at 1171 meters. It operates on 12V systems and draws 11.6A, making it suitable for use on

Part Number	SLL-F033
Size	9 inch
Max Power	140W
Real Power	140W
LED	9 pcs x Osram CROP-SH
Raw Lumen	13500 lm
1 Lux Reading	1171 meters
Beam Pattern	Spot



7 Inch LED Driving Light F016

Part number SLL-F016

The SLL-F016 is a 7 inch LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers a raw 8500 lumen output using Osram CROP-SH LEDs, projecting a beam that reaches 1 lux at 874 meters, so operators on trucks, excavators, or mining vehicles can see terrain and obst

Part Number	SLL-F016
Size	7 inch
Max Power	96W
Real Power	96W
LED	Osram CROP-SH
Raw Lumen	8500 lm
1 Lux Distance	874 meters
Operating Voltage	12V DC



8.5 Inch LED Driving Light SLL-19015D

The SLL-19015D is an 8.5 inch LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers 12000 raw lumens with a 1 lux reading at 1600 meters, providing long-range visibility for safe navigation on unpaved roads, construction sites, and mining operations. The light

Part Number	SLL-19015D
Size	8.5 inch
Max Power	75W
Real Power	75W
LED	Osram CRDP-SH
Raw Lumen	12000 lm
1 Lux Distance	1600 meters
Operating Voltage	12V



5.3 Inch 90W CREE XM-L2 Flood Beam Super Bright LED Driving Light SLL-15106

Part number SLL-15106 90W

The SLL-15106 is a 5.3 inch flood beam LED driving light designed for vehicles and heavy machinery that operate in low visibility conditions, including night driving, off-road terrain, and adverse weather. Nine 10W CREE XM-L2 LEDs deliver 8730 raw lumens with a 6000K colour temperature, providing broad, even illumination across

Part Number	SLL-15106
Max Power	90W
LED	9 pcs x 10W CREE XM-L2
Raw Lumen	8730 lm
Beam Pattern	Flood (45°)
Colour Temperature	6000K
Operating Voltage	10-30V DC
Operating Temperature	-40 to +60 degrees Celsius



6.6 Inch 120W CREE XM-L2 Super Bright LED Driving Light SLL-17101

Part number SLL-17101 120W

The SLL-17101 is a 6.6 inch 120W LED driving light designed for off-road vehicles and heavy machinery that operate in extreme conditions. Twelve 10W CREE XM-L2 LEDs deliver 11640 raw lumens in a 45 degree flood beam pattern, providing even illumination across the immediate terrain instead of a narrow hotspot. The die-cast alumin

Part Number	SLL-17101 120W
Max Power	120W
LED	12 pcs x 10W CREE XM-L2
Raw Lumen	11640 lm
Beam Pattern	Flood 45°
Colour Temperature	6000K
Operating Voltage	10-30V DC
Housing Material	Die-cast aluminium, UV polyester powder coat



8.5 Inch LED Driving Light SLL-19015D

Part number SLL-19015D

The SLL-19015D is an 8.5 inch LED driving light designed for off-road vehicles and heavy machinery that operate in low visibility conditions. It delivers 12000 raw lumens with a 1 lux reading at 1600 meters, providing long-range visibility for safe navigation on unpaved roads, construction sites, and mining operations. The light

Part Number	SLL-19015D
Size	8.5 inch
Wattage	75W
Light Source	Osram CRDP-SH
Raw Lumen	12000 lm
Light Distance	1 lux @ 1600 meters
Operating Voltage	12V DC
Current Draw	6.2A



7 Inch 60W 4D CREE Hyper Spot Round LED Driving Work Light for Car Truck SLL-7060-60W

Part number SLL-7060 60W

The SLL-7060-60W is a 7 inch round hyper spot LED driving work light designed for off-road and heavy machinery that operates in darkness, dust, and vibration. Twelve 5W CREE LEDs deliver 5064 effective lumens in a focused spot beam, illuminating the path ahead on trucks, excavators, and 4x4s without relying on halogen or low-eff

Part Number	SLL-7060 60W
Max Power	60W
LED	12 pcs x 5W CREE
Theoretical Lumen	5064 lm
Effective Lumen	5064 lm
Beam Pattern	Hyper Spot
Colour	6000K
Temperature	
Operating Voltage	10-30V DC



6 Inch Square 80W 12V/24V CREE LED Work Light for Truck Tractor Forklift SLL-7080-80W

Part number SLL-7080 80W

The SLL-7080-80W is a 6 inch square LED work light designed for heavy-duty machines that operate in extreme conditions. Eight 10W CREE LEDs deliver 7760 effective lumens with a spot or flood beam pattern, providing clear visibility on forklifts, excavators, and off-road vehicles during night or low-light operations. The die-cast

Part Number	SLL-7080 80W
Max Power	80W
LED	8 pcs x 10W CREE
Theoretical Lumen	7760 lm
Effective Lumen	7760 lm
Beam Pattern	Spot or Flood
Housing Material	6063 die-cast aluminium, semi-gloss black powder coating
Lens Material	Anti-scratch UV resistant PC



7 Inch New Exclusive Osram 45W Big Reflector Built-in DT Connector Long Distance 500M

It uses a single 45W Osram LED chip to project a focused beam up to 500 meters, which helps operators on excavators, cranes, and mining trucks see obstacles and terrain features far ahead. The built-in Deutsch DT connector simplifies wiring on machines with pre-fitted harnesses, and the lamp is CE, RoHS and ECE certified for use

Size	Round 7 inch
Max Power	45W
Real Power	45W
LED	1 x 45W Osram
Effective Lumen	Not specified
Beam Pattern	Spot
Light Distance	500 meters
Colour	Not specified
Temperature	



9 Inch 120W Combo Beam Round LED Driving Light SLL-9120-120W

Part number SLL-9120-120W

The SLL-9120-120W is a 9 inch round LED driving light designed for off-road and heavy machinery that operates in extreme conditions. Twelve 10W CREE LEDs deliver 8400 lumens across a combo beam pattern, providing both long-range spot and wide-area flood coverage. The die-cast aluminium housing with IP69K sealing resists water, d

Part Number	SLL-9120-120W
Max Power	120W
LED	12 pcs x 10W CREE
Theoretical Lumen	8400 lm
Beam Pattern	Spot/Flood/Combo
Colour	6000K
Temperature	
Operating Voltage	9-32V DC
Lens Material	Anti-UV PC



9 Inch DRL SPOT FLOOD BEAM ROUND LED DRIVING LIGHT SLL-PR12603-378W

Part number SLL-PR12603-378W

The SLL-PR12603-378W is a 9 inch round LED driving light designed for off-road vehicles, cranes, and engineering machinery that operate in harsh conditions. It delivers 12000 effective lumens with a combo spot flood beam pattern, ensuring visibility across both near and distant terrain. The light uses 126 x 3W Philips LEDs, draw

Part Number	SLL-PR12603-378W
Max Power	378W
Real Power	378W
LED	126 pcs x 3W Philips
Theoretical Lumen	12000 lm
Effective Lumen	12000 lm
Beam Pattern	Combo Spot Flood
Operating Voltage	9-32V DC

How to order

Send the model number, quantity and destination to sales@sunlitec-led.com or WhatsApp +86 188 2665 4156. Sample orders are welcome and mixed samples are accepted, normally despatched in 3 to 7 working days. Bulk orders ship by air in about 7 to 15 days or by sea in about 15 to 30 days.