

LED Light Bars Specification Sheet

Durable LED light bars for off-road vehicles cranes excavators forklifts and engineering vehicles that need consistent, high-output lighting in harsh environments without frequent replacement or failure

14 models listed	2010 manufacturing since	80+ countries supplied	ISO 9001 quality system
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Offroad CREE LED Light Bar



The SLL-86X is a 10W CREE LED light bar designed for off-road vehicles and heavy machinery that operate in extreme conditions. It delivers consistent illumination across rough terrain, high vibration environments, and temperature extremes from -40 to +85 degrees Celsius. The die-cast aluminium housing and IP68 sealing ensure dur

Part Number	SLL-86X
LED	10 pcs x 10W CREE
Beam Pattern	Spot, Flood, Combo Beam
Colour Temperature	6000K
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68
Housing Material	Die-cast aluminium

Offroad CREE LED Light Bar EMC CISPR 25 CLASS 4



The SLL-88X is a 10W CREE LED light bar designed for off-road vehicles and heavy machinery that operate in extreme conditions. It delivers consistent illumination through a spot, flood, or combo beam pattern with a 6000K colour temperature, ensuring visibility in dust, rain, and high vibration environments. The die-cast aluminium

Part Number	SLL-88X
LED	10W CREE
Beam Pattern	Spot, Flood, Combo
Colour Temperature	6000K
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68
EMC Protection	CISPR 25 Class 4

Offroad Utility CREE LED Light Bar



The SLL-91X is a 4x4 offroad utility LED light bar designed for vehicles and heavy machinery that operate in extreme conditions. It uses 3W CREE LEDs to deliver consistent illumination across wide or focused beams, with a 50,000 hour lifespan and IP68 sealing to resist water, dust, and vibration. The die-cast aluminium housing a

Part Number	SLL-91X
LED	4 pcs x 3W CREE
Beam Pattern	Spot, Flood, Combo (selectable)
Colour Temperature	6000K
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68
Housing Material	Die-cast aluminium

Offroad High Intensity CREE LED Light Bar



The SLL-83X is a high intensity LED light bar designed for off-road vehicles and heavy machinery that operate in extreme conditions. Built with 3W CREE LEDs, it delivers consistent illumination across rugged terrain, dust storms, and high vibration environments. The die-cast aluminium housing and IP68 sealing ensure long-term re

Part Number	SLL-83X
LED	4 pcs x 3W CREE
Max Power	15W
Beam Pattern	Spot, Flood, Combo
Colour Temperature	6000K
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68



Offroad Utility CREE LED Light Bar Version 2

The SLL-90X is a 3W CREE LED light bar designed for off-road utility vehicles and heavy machinery that operate in extreme conditions. It delivers consistent illumination across rough terrain, dust, rain, and vibration, with a 50,000 hour lifespan and IP68 sealing to prevent water and dust ingress during pressure washing or prolo

Part Number	SLL-90X
LED	3 pcs x 3W CREE
Real Power	9W
Beam Pattern	Spot, Flood, Combo
Colour Temperature	6000K
Operating Voltage	9-32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68



Offroad High Intensity CREE LED Light Bar Version 2

The SLL-82X is a high intensity LED light bar designed for off-road vehicles and heavy machinery that operate in extreme conditions. Built with 3W CREE LEDs and a die-cast aluminium housing, it delivers consistent illumination across rugged terrain, rain, dust, and vibration. The light bar operates on 9–32V DC, making it compati

Part Number	SLL-82X
LED	3 pcs x 3W CREE
Real Power	9W
Beam Pattern	Spot, Flood, Combo (selectable)
Colour Temperature	6000K
Operating Voltage	9–32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68



Offroad Free Form Reflector LED Light Bar with DRL EMC CISPR 25 CLASS 4

The SLL-21X DI is a free form reflector LED light bar designed for off-road vehicles and heavy machinery that operate in extreme conditions and require reliable auxiliary lighting with integrated daytime running light and turn signal functions. The light bar uses a combination of 10W, 5W, and 1W Osram LEDs to deliver a focused b

Part Number	SLL-21X DI
LED	10W + 5W + 1W Osram
Beam Pattern	Spot, Flood, Combo (optional)
Colour Temperature	6000K
Operating Voltage	9–32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68
EMC Compliance	CISPR 25 Class 4



Offroad Free Form Reflector LED Light Bar with DRL EMC CISPR 25 CLASS 4 Version 2

The SLL-21X is an offroad free form reflector LED light bar designed for vehicles that operate in extreme conditions and require reliable auxiliary lighting with integrated daytime running light and turn signal functions. It uses a combination of 10W, 5W, and 1W Osram LEDs to deliver a consistent beam pattern across spot, flood,

Part Number	SLL-21X
LED	10W + 5W + 1W Osram
Beam Pattern	Spot, Flood, Combo (optional)
Colour Temperature	6000K
Operating Voltage	9–32V DC
Operating Temperature	-40 to +85 degrees Celsius
Waterproof Rating	IP68
EMC Compliance	CISPR 25 Class 4



SUNLITEC 49 Series High Power Dual Row 240W Combo Beam 20 Inch Light Bar

Part number SLL-49-20"-COMBO

The SLL-49-20"-COMBO is a 20 inch high power dual row LED light bar designed for off-road vehicles and heavy machinery that operate in dark, dusty, and wet conditions. Forty 6W Osram P8 LEDs deliver 7982 effective lumens across a combo beam pattern, providing both wide flood coverage and long-distance spot reach. The integrated

Part Number	SLL-49-20"-COMBO
Max Power	240W
Real Power	240W
LED	40 pcs x 6W Osram P8
Theoretical Lumen	20900 lm
Effective Lumen	7982 lm
Beam Pattern	Combo
Colour Temperature	6000K

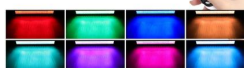


Side Emitting Slim 60W 14 Inch 12V/24V CREE LED Work Light for Car 4x4 Offroad SLL-1460

Part number SLL-1460

The SLL-1460 is a 14 inch side emitting slim LED work light designed for off-road vehicles and 4x4s that need consistent, wide-angle illumination in harsh conditions. Twelve 5W CREE XPG2 LEDs produce a driving beam pattern with approximately 1035 effective lumens, delivering clear visibility across the path ahead without glare.

Part Number	SLL-1460
Max Power	60W
Real Power	60W
LED	12 pcs x 5W CREE XPG2
Theoretical Lumen	1035 lm
Effective Lumen	1035 lm
Beam Pattern	Driving
1 Lux Reading	Not specified



New Straight Remote Control WHITE RGB LED Light Bar 54W 72W 126W 144W 180W

Part number SLL-B2225 54W/B2226 72W/B2227 126W/B2228 144W/B2229 180W

Five power variants (54W to 180W) deliver high brightness using 3W high-intensity LEDs and RGB LEDs, with a flood beam (120°) or spot beam (60°) option. The bar is rated IP68 and IP6K9K, meets SAE J1455 standards, and operates from 9 to 36V DC, making it suitable for 12V and 24V systems. A remote control allows real-time switching.

Part Number	SLL-B2225 (54W), SLL-B2226 (72W), SLL-B2227 (126W), SLL-B2228 (144W), SLL-B2229 (180W)
Power	54W, 72W, 126W, 144W, 180W
Voltage	9-36V DC
Beam Type	Flood (120°), Spot (60°)
LED Type	3W high-intensity white LEDs + RGB LEDs
Color Temperature	6000-6500K
Working Life	50,000 hours
Waterproof Rating	IP68, IP6K9K, SAE J1455



Sunlitec 18W 36W 54W 72W 90W 108W 126W 144W 198W 234W 288W Classic Double CREE Light Bar with Anti-fog Design SLL-3400 Series

Part number SLL-3400 Series

The SLL-3400 Series is a classic double light bar designed for off-road and industrial vehicles that operate in extreme conditions. It uses high-intensity USA XBD CREE LEDs to deliver consistent light output across 11 power variants from 18W to 288W. The anti-fog design prevents water accumulation in the lens cavity, reducing fog.

Part Number	SLL-3400 Series
Power Variants	18W, 36W, 54W, 72W, 90W, 108W, 126W, 144W, 198W, 234W, 288W
LED Brand	USA CREE
LED Type	3W high intensity XBD CREE
Brightness	100LM/W
Colour Temperature	6000K
Beam Pattern	Spot / Flood / Combo
Anti-Fog Design	Yes, anti-fog design with venting



Hot Selling RC Style 2D 3D 5D 5W CREE Single Row Light Bar SLL-14 Series

Part number LIGHT BAR SLL-14SERIES

The SLL-14 Series is a slim straight or curved LED light bar designed for off-road vehicles, cranes, and engineering vehicles that need reliable, long-range lighting in harsh conditions. Six to fifty 5W CREE LEDs deliver 2580 to 21500 lumens across spot, flood, or combo beam patterns, with a 3D or 5D lens option for improved lighting.

Part Number	SLL-14SERIES
Beam Pattern	Spot / Flood / Combo
Lens Type	3D / 5D available
LED Type	5W CREE
LED Qty	6 to 50 pcs
Power	30W to 250W
Lumens	2580 to 21500 lm
Voltage	9-32V DC



SUNLITEC 9D SINGLE ROW SPOTLIGHT AUTO LED LIGHT BAR SLL-9D Series

Part number LIGHT BAR SLL-9D SERIES

The SLL-9D Series is a single row spotlight LED light bar designed for vehicles and machinery that operate in low visibility conditions, including off-road, mining, and construction environments. Eight sizes from 8.5 inch to 53.4 inch offer scalable illumination for different vehicle widths and mounting constraints. Each model u

Part Number	SLL-9D SERIES
Size	8.5 inch, 14.4 inch, 20.8 inch, 27.4 inch, 33.8 inch, 40.3 inch, 46.9 inch, 53.4 inch
Power	30W, 60W, 90W, 120W, 150W, 180W, 210W, 240W
Lumen	3000LM, 6000LM, 9000LM, 12000LM, 15000LM, 18000LM, 21000LM, 24000LM
Voltage Input	9-32V DC
LED Type	5W CREE
Beam Pattern	Spot
Colour	Not specified
Temperature	

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.