

SENTINEL 9" STANDARD (Including with Position Light)

Technical Specifications

	BOOST MODE	LOW OUTPUT MODE
Voltage Range	10-32V	
LED Life	50,000 Hours	
Weight	2.5 kg	
HIGH BEAM PERFORMANCE		
Total Luminous Flux	9,520 Lm	1,904 Lm
Total Driver 'FOV' Flux †	5,588 Lm	1,118 Lm
Colour Temperature	5000K	
Power Consumption	87 Watts	17 Watts
Peak Current Draw	7.7 Amps	1.6 Amps
Current Draw (at 14.4V)	6 Amps	1.2 Amps
Connector	2-Pin / 3-Pin Superseal (+25cm Cable)	
DIMENSIONS		
Width	225mm	
Depth	90mm	
Height	230mm	
CERTIFICATION & STANDARDS		
IP Rating #	IP68	
High Beam (E9 approval)	N/A	ECE R112 (Ref 20)
Position Light (White only)	ECE R7	
EMC Standard	ECE R10	
Salt Spray Test	ISO 9227	
Dump Load Protection	ISO 7637-2	
PHOTOMETRIC DATA		
Horizontal / Vertical Beam Angle	52° / 11°	
0.25 Lux	1414m	632m
0.5 Lux	1000m	447m
1 Lux	707m	316m
3 Lux	408m	183m

† - Driver FOV flux is a measure of effective lumens taking consideration of the amount of light in a driver's 'field-of-view' defined as an area +/- 45o left/right, and +/- 10o up/down. For more information – [click here](#).

- All Lazer products are designed to meet the requirements of IP68 testing. Every lamp produced at our UK facility is fully submerged under water prior to sending out.