SENTINEL 7" ELITE

Technical Specifications

	BOOST MODE	LOW OUTPUT/ E-MARK MODE
Voltage Range	10-32V	
LED Life	50,000 Hours	
Weight	2.5 kg	
HIGH BEAM PERFORMANCE		
Total Luminous Flux	10248 Lm	2049 Lm
Total Driver 'FOV' Flux*	6380 Lm	1276 Lm
Colour Temperature	5000K	
Power Consumption	116 Watts	23 Watts
Peak current draw	8.8 Amps	1.8 Amps
Current Draw (at 14.4V)	7.6 Amps	1.5 Amps
Connector	3-Pin Superseal (+25cm Cable)	
CERTIFICATION		
IP Rating #	IP68	
High Beam (E9 approval)	N/A	ECE R149 - Ref: 12.5
Position Light (White only)	ECE R148	
EMC Certification	ECE R10	
Salt Spray Test	ISO 9227	
Dump Load Protection	ISO 7637-2	
DIMENSIONS		
Width	178mm	
Depth	81mm	
Height	180mm	
PHOTOMETRIC DATA		
Horizontal/Vertical Beam Angle	65^{o} / 18^{o}	
0.25Lx Line @	1233m	551m
0.5Lx Line @	872m	390m
1Lx Line @	616m	276m
3Lx Line @	356m	159m

* 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 +/- 45^{o} left/right, and +/- 10^{o} up/down.

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.