AIR-90

Technical Specifications

	BOOST MODE	LOW OUTPUT MODE
Voltage Range	10-32V	
LED Life	50,000 Hours	
Weight	1.65kg	
HIGH BEAM PERFORMANCE		
Total Luminous Flux	9160 Lm	2290 Lm
Total Driver 'FOV' Flux †	6229 Lm	1557 Lm
Colour Temperature	5000K	
Power Consumption	90 Watts	14 Watts
Peak Current Draw	8.5 Amps	1.3 Amps
Current Draw (at 14.4V)	7.1 Amps	1 Amp
Connector	3-Pin Superseal (+25cm Cable)	
DIMENSIONS		
Width	411mm	
Depth	106mm	
Height	82mm	
CERTIFICATION & STANDARDS		
IP Rating #	IP68	
High Beam (E9 approval)	N/A	ECE R149 (Ref 17.5)
Position Light (White only)	ECE R148	
EMC Standard	ECE R10	
Salt Spray Test	ISO 9227	
Dump Load Protection	ISO 7637-2	
PHOTOMETRIC DATA		
Horizontal / Vertical Beam Angle	34^{o} / 13^{o}	
0.25 Lux	1149m	574m
0.5 Lux	812m	406m
1 Lux	574m	287m
3 Lux	332m	166m

† - 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.