



SENTINEL 7" ELITE+

Technical Specifications	White Only LEDs - High Beam (Boost / Low Output mode)	Yellow Only LEDs (Fog / Dust / Snow mode)	White & Yellow LEDs (Combo mode)
Voltage Range	10-32V		
LED Life	50,000 hrs		
Weight	1500g		
HIGH BEAM PERFORMANCE			
Total Luminous Flux	11214 / 2238 Lm	3645 Lm	14859 Lm
Total Driver 'FOV' Flux†	6392 / 1269 Lm	2143 Lm	8529 Lm
Color Temperature	White (5000K)	Yellow	White (5000K) & Yellow
Power Consumption	102 / 20 Watts	42 Watts	145 Watts
Current Draw (14.4V)	8.1 / 1.9 Amps	2.9 Amps	11.1 Amps
Peak Current Draw	9.8 / 3.46 Amps	3.7 Amps	12.8 Amps
Connector	4-Pin Deutsch DT		
CERTIFICATION			
IP Rating #	IP68		
High Beam (e9 approval)	ECE R149 (Class RA)- Ref: 7.5 (in Low Output mode only)		
Position Light	ECE R148 (white only)		
EMC Certification	ECE R10		
Salt Spray Test	ISO 9227		
Dump Load Protection	ISO 7637-2		
DIMENSIONS			
Width	178mm		
Depth	81mm		
Height	180mm		
PHOTOMETRIC DATA			
Beam Angle (Horizontal / Vertical)	Boost mode: 50° / 12° Low Output mode: 60° / 12°	80° / 18°	58° / 15°
0.25Lx Line @	1343m / 424m	283m	1359m
0.5Lx Line @	950m / 300m	200m	961m
1Lx Line @	671m / 212m	141m	679m
3Lx Line @	388m / 122m	82m	392m