WWW.LAZERLAMPS.COM

SENTINEL 7"
ELITE+



THE EVOLUTION OF OUR HIGHEST PERFORMANCE LED LIGHTING, ELITE+ COMBINES SUPERIOR WHITE HIGH BEAM OUTPUT WITH SUPPLEMENTAL YELLOW LEDS FOR AWE-INSPIRING VISIBILITY IN EVERY CONDITION.

Cycled via a momentary switch, modes include Boost (white only, 11,214 lumens), Combo (white + yellow, nearly 15,000 lumens), Snow/Fog/Dust (yellow only), and Transition Assist/E-mark (UNECE Reg 149 road-legal) — with a 2-second hold jumping straight to Transition Assist/E-mark mode. For simple wiring, use Lazer's two-lamp DT4 wiring kit (2L-DT4-235).

Designed, engineered, and manufactured in-house in the UK, Elite+ is backed by a 5-year warranty and Lifetime Lens Guarantee — built to perform in the harshest environments for years to come.

TECHNICAL SPECIFICATIONS

WEIGHT	1.5 KG
VOLTAGE RANGE	10V-32V
CONNECTOR	4-PIN DEUTSCH DT (+25CM CABLE)

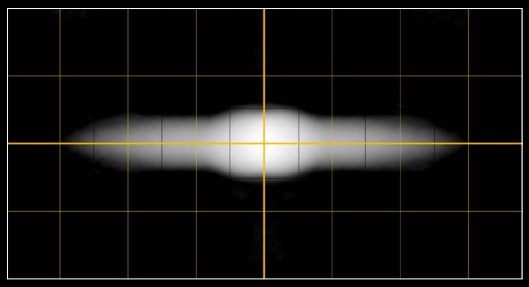
	BOOST MODE	TRANSITION ASSIST / E-MARK MODE	COMBO MODE	DUST/FOG/SNOW MODE
RAW LUMENS	11,214	2,238	14,859	3,645
TOTAL DRIVER 'FOV' FLUX	6,392	1,269	8,529	2,143
LED COLOUR (TEMPERATURE)	WHITE (5000K)	WHITE (5000K)	WHITE (5000K) & YELLOW	YELLOW
POWER CONSUMPTION	102 WATTS	20 WATTS	145 WATTS	42 WATTS
PEAK CURRENT DRAW	9.8 AMPS	3.46 AMPS	12.5 AMPS	3.7 AMPS
CURRENT DRAW (14.4V)	8.1 AMPS	1.9 AMPS	11.1 AMPS	2.9 AMPS

CERTIFICATION

IP RATING	IP68
HIGH BEAM (E9 APPROVAL)	ECE REG 149 (CLASS RA) - REF: 7.5 (IN TRANSITION ASSIST / E-MARK MODE ONLY)
POSITION LIGHT	ECE REG 148
EMC CERTIFICATION	ECE REG 10
SALT SPRAY TEST	ISO 9227
DUMP LOAD PROTECTION	ISO 7637-2



BEAM DISTRIBUTION
(HIGH BEAM - BOOST MODE)

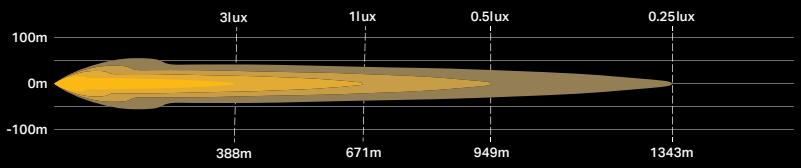


Horizontal spread: 50°
Vertical spread: 12°

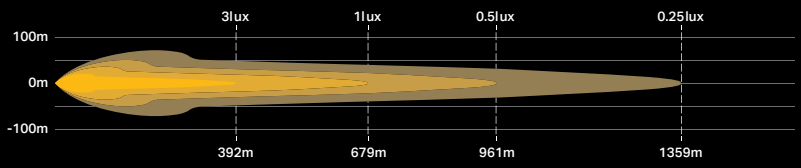


PHOTOMETRICS

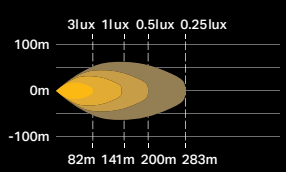
BOOST MODE



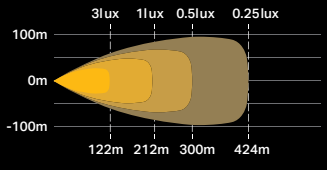
COMBO MODE



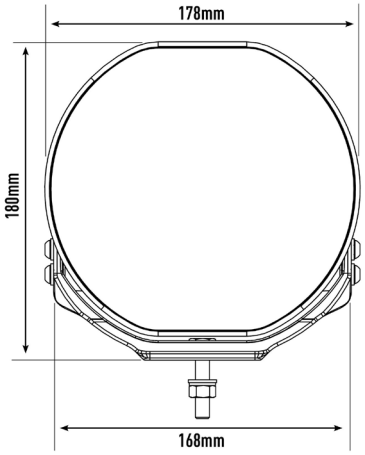
FOG / DUST / SNOW MODE

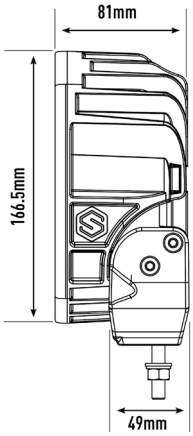


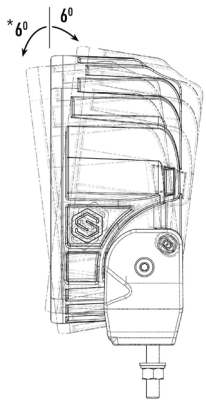
TRANSITION ASSIST / E-MARK MODE (UNECE APPROVED)



DIMENSIONS







FUNCTIONS & MODES



WHITE LEDS - FULL OUTPUT
(BOOST MODE)

Full-output high beam at a carefully selected 5000K colour temperature for optimal clarity and contrast.





WHITE LEDS - REDUCED OUTPUT
(TRANSITION ASSIST - UNECE APPROVED)

Transition Assist turns off the spot reflectors, dropping the beam to a controlled, wide pattern that won't dazzle oncoming drivers, for a smoother step-down to dipped beam. Hold the switch 2 seconds for instant activation.





YELLOW LEDS
(FOG / DUST / SNOW MODE)

Yellow LED output angled slightly down and to the sides of the road or track, engineered to enhance visibility in adverse conditions including fog, dust, snow, and heavy rain.





WHITE & YELLOW LEDS
(COMBO MODE)

White high beam with supplemental yellow LEDs for powerful visibility at a softer colour temperature.





Available with Black or White body.

WHITE & AMBER POSITION LIGHT

Enhances styling and safety, with two optional dynamic welcome-light sequences, including a gradual brighten effect, for a distinctive touch on start-up. Flash-To-Change lets you switch between White (ECE-approved) and Amber modes at the touch of a button.