WWW.LAZERLAMPS.COM

SENTINEL 9"
ELITE+



THE ELITE+ RANGE SETS A NEW STANDARD IN HIGH-PERFORMANCE LED LIGHTING, COMBINING SUPERIOR WHITE HIGH BEAM OUTPUT WITH SUPPLEMENTAL YELLOW LEDS FOR ENHANCED VISIBILITY IN ALL CONDITIONS.

Selectable via a simple switch, modes include Boost (white only, 22,210 lumens), Combo (white + yellow, nearly 30,000 lumens), Snow/Fog/Dust (yellow only), and Transition Assist (UNECE-approved) for safer beam adjustment from Boost mode. White and amber position lights add further versatility, with a dynamic welcome-light sequence and Flash-To-Change colour switching.

Designed, engineered, and manufactured in-house in the UK, Elite+ is backed by a 5-year warranty and rated IP68 for reliable performance in the harshest environments.

TECHNICAL SPECIFICATIONS

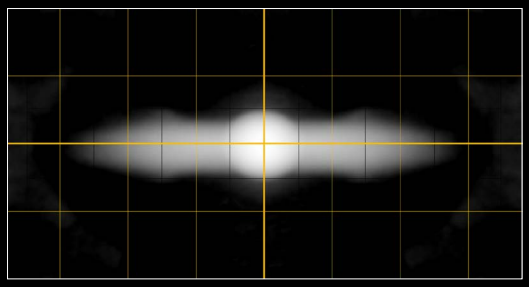
WEIGHT	2.4 KG
VOLTAGE RANGE	10V-32V
CONNECTOR	4-PIN APTIV (+25CM CABLE)

	BOOST MODE	TRANSITION ASSIST MODE	COMBO MODE	DUST/FOG/SNOW MODE
RAW LUMENS	22,210	2,220	29,500	7,290
TOTAL DRIVER 'FOV' FLUX	13,059	1,305	16,346	4,287
LED COLOUR (TEMPERATURE)	WHITE (5000K)	WHITE (5000K)	WHITE (5000K) & YELLOW	YELLOW
POWER CONSUMPTION	210 WATTS	20 WATTS	300 WATTS	80 WATTS
PEAK CURRENT DRAW	18.5 AMPS	1.86 AMPS	24.8 AMPS	6.5 AMPS
CURRENT DRAW (14.4V)	16.8 AMPS	1.4 AMPS	23.3 AMPS	5.7 AMPS

CERTIFICATION

IP RATING	IP68
HIGH BEAM (E9 APPROVAL)	ECE REG 149 (CLASS RA) - REF: 5 (IN TRANSITION ASSIST MODE ONLY)
POSITION LIGHT	ECE REG 148
EMC CERTIFICATION	ECE REG 10
SALT SPRAY TEST	ISO 9227
DUMP LOAD PROTECTION	ISO 7637-2





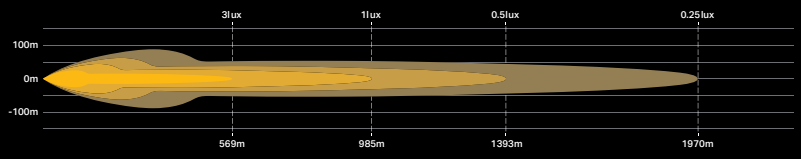
BEAM DISTRIBUTION
(HIGH BEAM - BOOST MODE)

Horizontal spread: 50°
Vertical spread: 10°

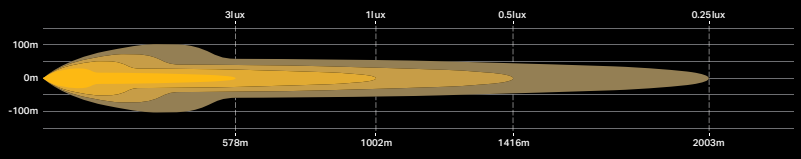


PHOTOMETRICS

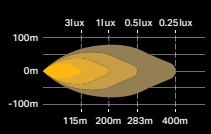
BOOST MODE



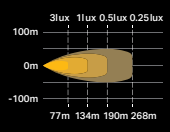
COMBO MODE



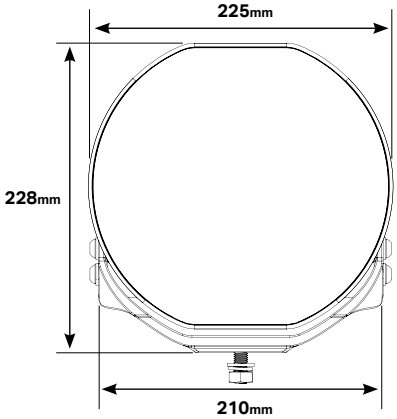
FOG / DUST / SNOW MODE

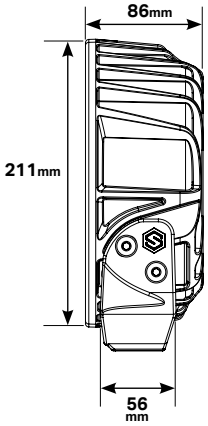


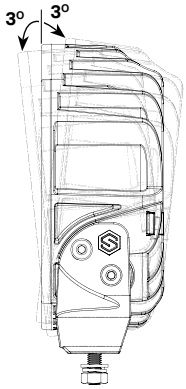
TRANSITION ASSIST MODE (UNECE APPROVED)



DIMENSIONS







FUNCTIONS & MODES



WHITE LEDS - 100% OUTPUT
(BOOST MODE)

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





WHITE LEDS - REDUCED OUTPUT
(TRANSITION MODE - 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.