



CARBON-6 DRIVE

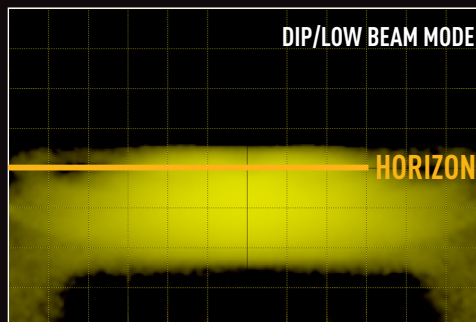
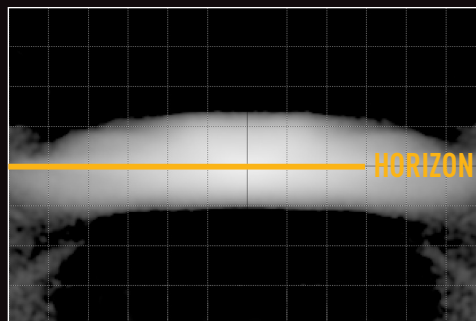
WITH YELLOW DIP BEAM

The latest generation of Carbon-6 LED driving lights reflects years of development and testing in top-level rally, track, and off-road motorsport. Redesigned for more light, greater durability, and enhanced functionality—fully compliant with UNECE regulations.

Carbon-6 DRIVE delivers powerful long-range visibility with a wide driving beam optimized for high-speed and off-road use. The High beam mode is approved to UNECE Regulation 149 (Class B Driving Light), with an additional dip/low beam setting to reduce glare for on-road driving. A switchable integrated White and Amber Position Light is also included. The lightweight, high-strength PC-ABS housing and CAE-optimized anodized aluminum heat sink ensure excellent thermal control and consistent performance.

Designed, engineered, and manufactured in the UK, Carbon-6 meets Lazer's uncompromising standards in quality and reliability. Optional black and white lens covers are available for added daytime protection.

BEAM DISTRIBUTION (HORIZONTAL: 60° / VERTICAL: 12°)



BEAM PATTERN





KEY FEATURES

- Ultra-lightweight, PC-ABS material housing with a combination of premium-bin, high intensity LEDs.
- White and Amber backlight function.
- Yellow Low/dipped beam mode, optimised for snow/fog/dust conditions, or to prevent glare off road signs during road stage events.
- Dual-output functionality – High and Low output modes.
- UNECE Reg 149 Class B Driving Lights, approved for on-road high beam (Low Output mode only).
- CAE-optimised heatsink requires minimal airflow to maintain 100% light output.
- Dynamic drive modulation preserves electronic components in adverse conditions.
- Low profile, edge-to-edge design for improved aerodynamic performance.
- Lamp features a built-in DT04-4P Deutsch Connector (gold plated solid DT contacts).
- Vehicle side connector, plus 150mm cable length supplied with each lamp.
- 'Unbreakable' polycarbonate lens.
- Designed & manufactured in the UK.

SPECIFICATIONS

WEIGHT (G)	400
VOLTAGE RANGE	10V-32V
RAW LUMENS (BOOST MODE)	9360
TOTAL DRIVER 'FOV' FLUX (BOOST MODE)	6550
HIGH BEAM COLOUR TEMP	5000K
DIP BEAM COLOUR	YELLOW
POWER CONSUMPTION (BOOST MODE)	85 WATTS
PEAK CURRENT DRAW (BOOST MODE)	7.2 AMPS
CURRENT DRAW (14.4V) (BOOST MODE)	5.9 AMPS
CONNECTOR	4-PIN DEUTSCH DT (+15CM CABLE)

CERTIFICATION

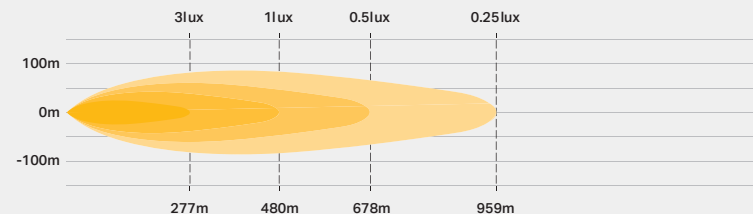
HIGH BEAM (LOW OUTPUT ONLY)	ECE REG 149 (REF 12.5)
EMC CERTIFICATION	ECE REG 10
IP RATING	IP68



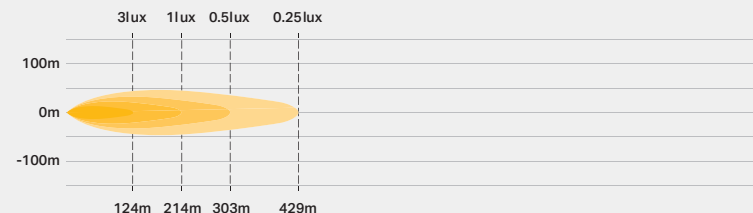
Scan the QR code to view/download the ECE certificates.

PHOTOMETRICS

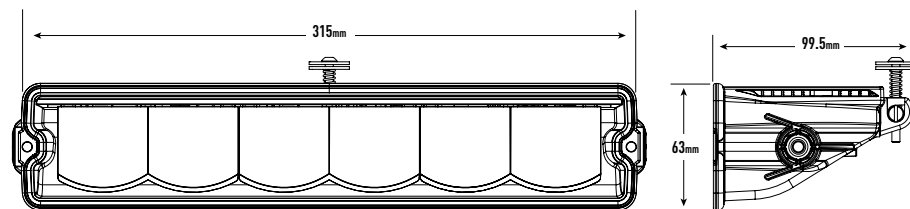
BOOST MODE



LOW OUTPUT MODE



LAMP DIMENSIONS

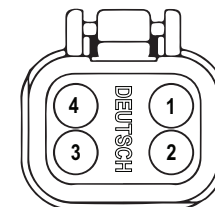


FINE ADJUSTMENT SCREW

1 turn = 0.83 degrees of **up** (anti-clockwise) or **down** (clockwise) adjustment.



Lamp features a built-in DT04-4P Deutsch Connector.



Vehicle side will require a DT06-4S Deutsch Connector.

Pin 1: Red (1mm²) - Dip / Low Beam (+V)
Pin 2: Black (1mm²) - Negative (-V)
Pin 3: Grey (1mm²) - High Beam (+V)
Pin 4: Yellow (1mm²) - PL / Backlight (+V)