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/TRIPLERLIGHTS



CARBON 2

NOW IN ITS 3RD GENERATION, THE CARBON SERIES LED DRIVING LIGHTS REPRESENT YEARS OF CONTINUED DEVELOPMENT AND TESTING AT THE VERY HIGHEST LEVELS OF PROFESSIONAL RALLY, TRACK, AND OFF-ROAD MOTORSPORT. THE RE-DESIGN AND RE-ENGINEERING OF THE PRODUCTS DELIVERS MORE LIGHT, LESS WEIGHT, GREATER FUNCTIONALITY, AND EASE OF FITMENT.

The Carbon-2 comes with the option for either a 'Spot' or 'Drive' beam pattern. The Spot version delivers 1 lux to 454m (per lamp) with a 32 degree left/right spread.

By contrast the Drive version provides a wider left/right spread of light equivalent to 60 degrees with the compromise being that the 1 lux line reaches measures at 265m. As well as operating in 'full beam' mode, the lights can also be easily switched to a low/dipped beam mode during operation, a function shared with other lamps in the Carbon Series range, which reduces the light output and vertical beam angle making these products especially adaptable to varying conditions where a reduced light output which avoids glare, might be preferable.

CARBON
SERIES

CARBON-2 SPOT

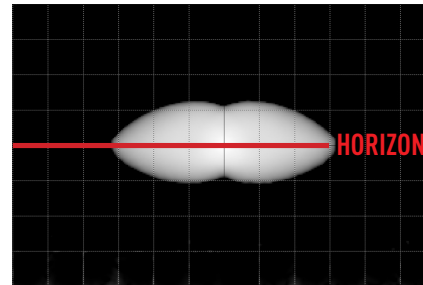


VOLTAGE RANGE	10V - 32V
RAW LUMENS	3120 Lm
EFFECTIVE LUMENS *	1839 Lm
BEAM PATTERN	SPOT
BEAM DISTANCE (1LX)	454m
# HIGH POWER LEDs	12 LEDs
POWER CONSUMPTION	29 Watts
CURRENT DRAW (@ 14.4V)	2.1 Amps
MAX CURRENT DRAW (@ 11V)	2.6 Amps
OPTICAL EFFICIENCY	70%
WEIGHT	SIDE MOUNT: 0.5 lbs FRONT MOUNT: 0.53 lbs

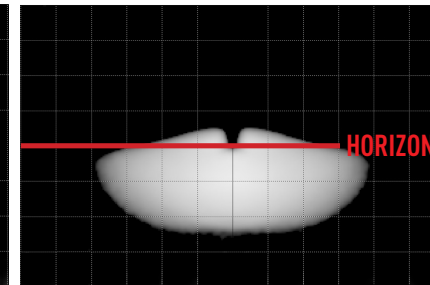
* Effective lumens measured in a 90° horizontal and 20° vertical field-of-view.

BEAM DISTRIBUTION

HIGH BEAM

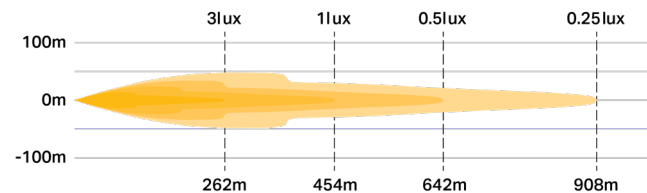


DIP / LOW BEAM

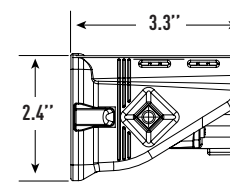
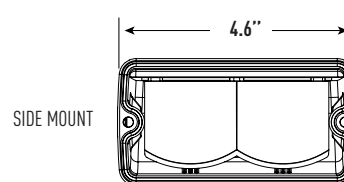


Horizontal Beam Spread: **32°** | Vertical Beam Spread: **12°**

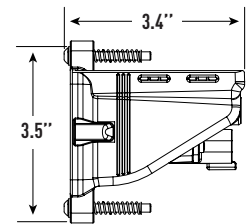
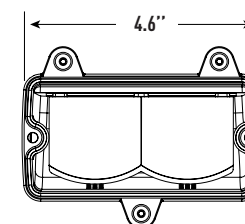
PHOTOMETRIC DIAGRAM



DIMENSIONS



FRONT MOUNT



Lamp features a built-in DT04-4P Deutsch Connector.
(Gold plated solid DT contacts)



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

PIN 1

Red - Positive (+V) 1mm²
(OD 2mm)

PIN 2

Black - Negative (-V) 1mm²
(OD 2MM)

PIN 3

Grey - Not used, disregard this pin.

PIN 4

Yellow - Dip / Low Beam Mode
(Signal) 0.5mm² (OD 1.5MM)

CARBON-2 DRIVE

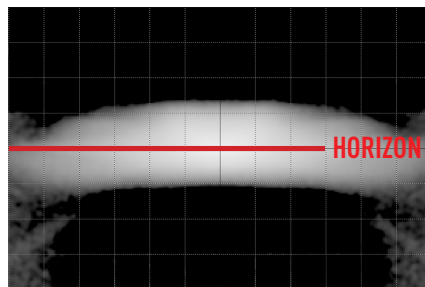


VOLTAGE RANGE	10V - 32V
RAW LUMENS	3120 Lm
EFFECTIVE LUMENS *	1836 Lm
BEAM PATTERN	DRIVE
BEAM DISTANCE (1LX)	265m
# HIGH POWER LEDS	12 LEDs
POWER CONSUMPTION	29 Watts
CURRENT DRAW (@ 14.4V)	2.1 Amps
MAX CURRENT DRAW (@ 11V)	2.6 Amps
OPTICAL EFFICIENCY	70%
WEIGHT	SIDE MOUNT: 0.5 lbs FRONT MOUNT: 0.53 lbs

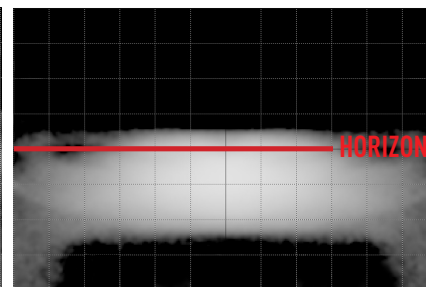
* Effective lumens measured in a 90° horizontal and 20° vertical field-of-view.

BEAM DISTRIBUTION

HIGH BEAM

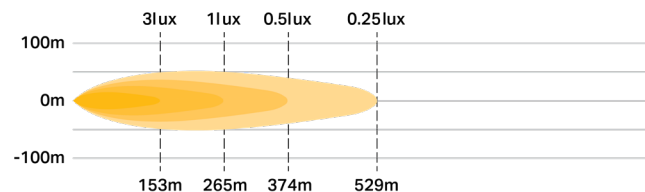


DIP / LOW BEAM

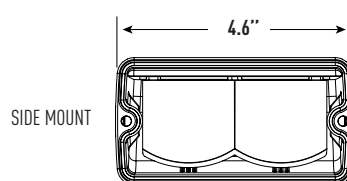


Horizontal Beam Spread: **60°** | Vertical Beam Spread: **15°**

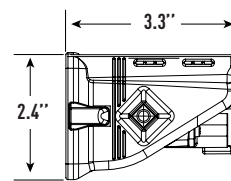
PHOTOMETRIC DIAGRAM



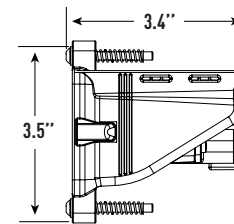
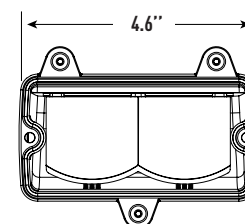
DIMENSIONS



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