

Woodway manufacture under licence the Whelen® Justice™ lightbar to comply with European regulations and provide non-Whelen® options required by the UK and European market. This includes bespoke lengths, lighting configurations and R10 compliance. Using the latest Whelen® LED technology, the Justice™ provides an economical low profile warning package. The Justice™ lightbar is offered in a number of different variants to suit the needs of the user, these range from the top of the range JV/JY WeCan® Series and to the economical JC/JE 'Competitor' series.

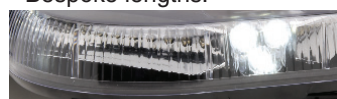


KEY FEATURES:

- Black polycarbonate base on an extruded aluminium platform for added strength and MKEZ7 permanent mount feet.
- Wide mounting footprint provides greater stability and weight distribution on the thinner roof construction common on today's vehicles.
- Service orientated: easy to change colours, upgrade or service in the field.
- Simply remove four screws to access any section of the lightbar.
- Replace any lighthouse by removing one screw and single connector.
- Base lightbar contains four corner Linear 6 Super-LED® modules. The wide-angle design provides optimum 'fend off' protection when viewed from the side. Linear 9 Super-LED® modules are also available as an option.
- Five-year HDP® Heavy-Duty Professional warranty.
- *ECE-R65 versions available (see separate R65 catalogue)

FACTORY INSTALLED OPTIONS:

- Pre-programming of the ECM to customer bespoke requirements.
- Choice of flashing or static Super-LED® alley and spotlights with optional 15 degree horizontal adjustment.
- Additional Red, Amber, Blue or White CON3™ LED modules.
- 5-8 Lamp Traffic Advisor (left, right, split).
- Steady burn 'GATSO' light operates with 360° corners allowing speed cameras to capture a blue light confirming the vehicle was responding to an emergency.
- Various gutter/gutter-less mounting straps to suit most vehicle types.
- Bespoke lengths.



LR11 LED Alley Lights



High Intensity LED Spotlights



Red, Amber Blue and White CON3™



Super-LED® Directional Lights

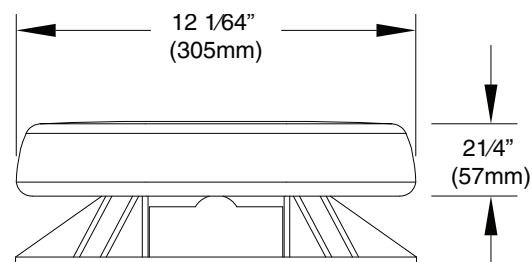
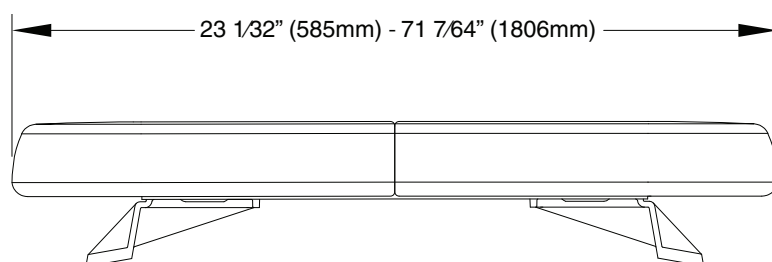


Super-LED® Directional Lights



5-8 Lamp Traffic Advisor (8 lamp amber shown)

DIMENSIONS:



LED LIGHTBARS

Justice™ Series



MODELS AVAILABLE:

“JV” and “JY” Series:

- A high performance, cost competitive Super-LED® lightbar with a wide range of options. An external interface unit, the WeCan® Electronic Control Module (ECM), communicates all lightbar operating functions via a 2 conductor cable. This small cable provides easier overall wiring and lightbar installation. Up to 18 different programmed warning configurations can be operated using customer-supplied switching to each of the 18 input wires to the ECM.
- Cruise Light control with adjustable intensity levels ranging from 1 to 100.
- An external interface unit, the WeCan® Electronic Control Module (ECM), communicates all lightbar operating functions via a 2 conductor, 20 gauge cable. This small cable provides easier overall wiring and lightbar installation.
- Complete independent “On” or “Off” and independent flash pattern, plus phase control of each individual lighthouse. Four phases for alternating, simultaneous and combo flash patterns.
- Up to 18 different programmed warning configurations can be operated using customer supplied switching to each of the 18 input wires to the ECM (default program pre-installed).
- All functions are programmed easily by a computer via simple “pick and click or drag” screens. Windows® based 2000, XP or later operating system required.

“JC” and “JE” Competitor Series:

- Competitor Series lightbars offers front, rear and all bar operation control and optional alley and spotlights and ‘E’ approved brake/tail/turn lights. The Justice™ Competitor is ideal for ‘amber’ users. Corner modules are available with either 6 or 9 Super-LEDs®.

Mini Justice™ Series:

- Compact, 23” (584 mm) version of the popular, high performance, full-size Justice™ lightbar.
- Four corner Linear Super-LED® modules. Options include CON3™ LED modules with optical spreaders, LTR3 Super-LED® modules and LR11 Super-LED®, take-down and alley lights.
- Low profile design, only 2-1/4” (57mm) high by 12” (304mm) wide, reduces air drag and provides the popular stealth appearance to your vehicle.
- 95 Scan-Lock™ flash patterns.
- Clear polycarbonate lenses feature a moisture resistant compression fit gasket. Colour lenses are available.
- Sturdy black polycarbonate base on an extruded aluminum platform will not bend.
- Permanent models come with 15” (381mm) cable
- Magnetic and Magnetic/Suction mount come with a 10” (254mm) cord, cigar plug with On/Off switch and LED “On” indicator.

WeCan®:

An external interface unit, the WeCan® Electronic Control Module (ECM), communicates all lightbar operating functions via a 2 conductor, 20 gauge cable. This small cable provides easier overall wiring and lightbar installation. Up to eighteen different programmed warning configurations can be operated using customer supplied switching to each of eighteen input wires to the ECM. Lightbars can be pre-programmed with customer default programs prior to shipping. Lightbars that are supplied without customer specified programs are supplied with a default program.



WECAN
LIGHTBAR PROGRAMMER

All functions are programmed easily by a computer via simple “pick and click or drag” screens. Windows® XP SP2, Vista, 7, 8 or later operating system required. USB input to the ECM from PC or laptop makes programming easy to each of eighteen input wires to the ECM. Lightbars can be pre-programmed with customer default programs prior to shipping.

Model Availability

Size	MINI JUSTICE™ Series	“JC” and “JE” Competitor Series	“JV” and “JY” WeCan® Series
23”	Yes	No	No
29”	No	Yes	No
41”	No	Yes	No
44”	No	Yes	Yes
50”	No	Yes	Yes
56”	No	Yes	Yes
62”	No	Yes	Yes
68”	No	Yes	Yes
72”	No	Yes	Yes



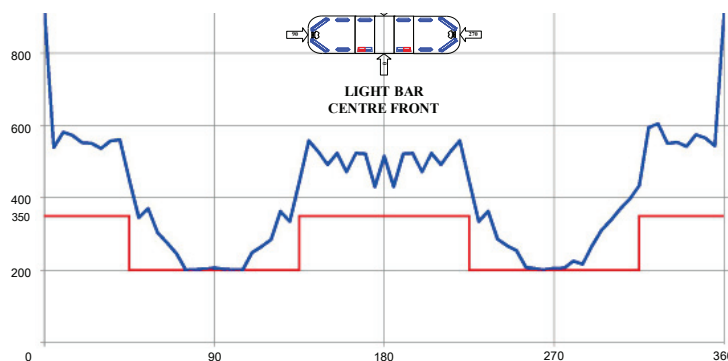
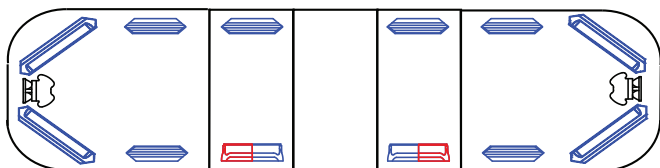
Justice™ Series - Framework Approved Bars

Justice™ GP 'Standard' Lightbar: LFA1-JGPB (41")

- 41" Length.
- Lightbar contains four blue corner Super-LED® modules, four front and four rear blue directional Super-LED® modules, two rear facing red Super-LED® modules and LED alley lights.
- R65 Class 2 compliant and meets minimum candela requirement for General Purpose lightbars.
- MKEZ7 Permanent Mounting Feet.

Options (see note):

- Additional Front facing blue lights.
- Additional Rear facing blue and red lights.
- Forward facing white lights.



Woodway GP 'Standard' 41" Framework Lightbar Effective Candela Plot

Minimum Effective Candela (350) 45 degree angle either side of centre line front and Rear. Minimum Effective Candela (200) - All Other Points.

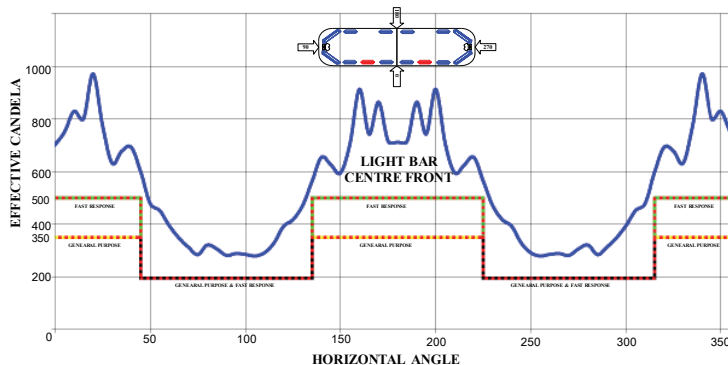
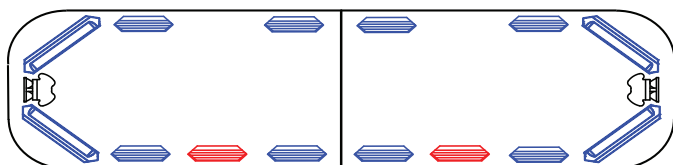
Independently Switched Options: 1: All Blues, 2: Front Blues, 3: Rear Blues, 4: Rear Reds, 5: Left Alley, 6: Right Alley

Justice™ GP 'Enhanced' Lightbar: LFA2-JFRBE (44")

- R65 Class 2 compliant and exceeds minimum candela requirement for Fast Response/Traffic lightbars
- Lightbar contains four blue corner Super-LED® modules, four front and four rear blue Super-LED® modules.
- Intensity directional lights, two rear facing red Super-LED® modules and LED alley lights. Optional WeCan® control and Cruise light. WeCan® communicates all lightbar operating functions via a 2 conductor cable.
- MKEZ7 Permanent Mounting Feet.

Options (see note):

- Additional front facing blue lights.
- Additional rear facing blue and red lights.
- Forward facing white lights.
- WeCan® Control System.



Woodway GP Framework Lightbar - Effective Candela Plot
GP/Fast Response - Minimum Effective Candela (200) - All Other Points

Fast Response - Minimum Effective Candela (500) 45 degree angle

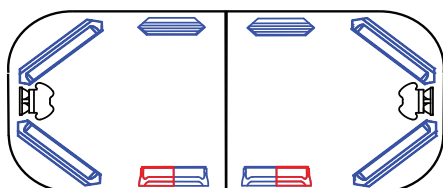
General Purpose - Minimum Effective Candela (350) 45 degree angle either side of centre line

Justice™ 'Mini' Lightbar: LFA1-MINIB (23")

- Lightbar contains four blue corner Super-LED® modules, two front and two rear blue high-intensity directional Super-LED® modules, two rear facing red Super-LED® modules and LED alley lights.
- R65 Class 1 compliant standard and meets minimum candela requirement for Mini lightbars.
- MKEZ7 Permanent Mounting Feet.

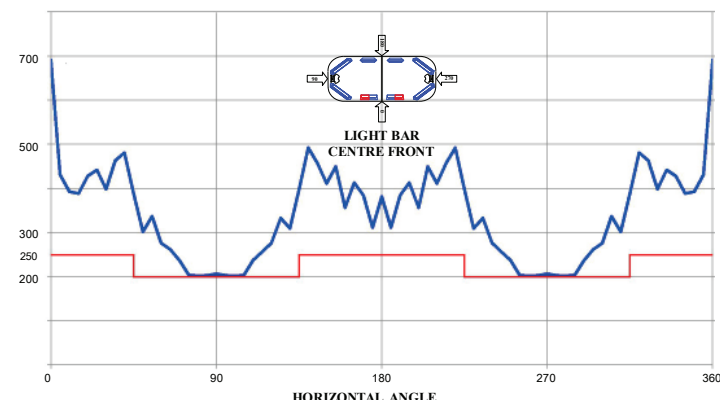
Options (see note):

- Additional front facing blue lights.
- Additional rear facing blue and red lights.
- R65 Class 2 compliant with low power night running intensity.



Independently Switched Options:

- Options: 1: All Blues, 2: Front Blues, 3: Rear Blues, 4: Rear Reds, 5: Left Alley, 6: Right Alley



Minimum Effective Candela (350) 45 degree angle either side of centre line front and Rear. Minimum Effective Candela (200) - All Other Points.

Woodway Mini 23" Framework Lightbar - Effective Candela Plot

*** NOTE:** Lightbar options quoted in this brochure are subject to sufficient free space being available within the lightbar chassis.