



2016

No. 22

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Ignite Curved LED Lightbars



CoolDrive are pleased to announce the introduction of the Ignite Curved Single Row LED Lightbars that further complement the existing and very popular Ignite Straight Single Row LED Lightbars.

The new curved range comes in three different sizes that allow fitment into a variety of applications from passenger motor vehicle, off-road to all types of commercial, industrial and agricultural vehicles. Like the straight varieties, there are three different beam patterns available from Spot (Pencil) Beam, Flood (Spread) Beam and Combo Beam that has combined Spot and Flood Beam patterns all in the one Lightbar. The new curved design provides a wider beam angle when compared to the straight variety as well as providing improved aerodynamic efficiencies.

The powerful lighting performance is all housed in a compact and lightweight 6063 extruded aluminium that has a black anodized polyester powder coating that is also UV Stabilized to protect the lightbars against the environment. Like the rest of the Ignite forward lighting products, behind the Lexan Polycarbonate lens you will find the Ignite patented TIR (Total Internal Reflection) Polycarbonate Optic Reflector assembly. The TIR Reflector assembly is designed to efficiently capture the optimum light output from the high intensity 10 Watt CREE LED's that are rated at 6,500 Kelvin light colour temperature. This unique Ignite TIR design provides a superior, even light output when compared to competitor units.

Integrated Electronic Thermal protection circuitry controls internal heat from the CREE LED's, prolonging the life of the LED's and providing a 50,000 Hours lifespan which in turn allows Ignite to offer a 5 Year Warranty on the curved lightbars range.

Like all of the Ignite product range, you will also find in the Curved Lightbars standard features such as; EMC protection, Pressure Equalizing vents, Power Surge protection, Reverse Polarity protection and Shock Resistance. An IP68 Rating allows the lightbars to withstand some of the harshest environments with protection against dust, moisture and against long periods of immersion under pressure in water.

The Ignite curved lightbars are 9 – 30 Volt DC Multivolt and are supplied with 2 Pin Deutsch Plug and Socket connectors on 500mm long pre-wired leads.

They are supplied with two types of mounting systems. The first are multiple Stainless Steel Single Bolt mount Pedestal brackets that fit into the cross slider bracket assembly located in the bottom of the lightbar housing. This slider assembly allows the pedestal brackets to be fitted anywhere along the bars length, also providing the installer the ability to adjust the lightbar at different angles. The second are the traditional Side Mount Brackets that again provide the installer the ability to adjust the lightbar at different angles making installing with both type of mounts simple and very adaptable to all types of different applications.



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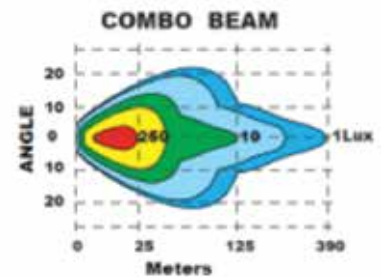
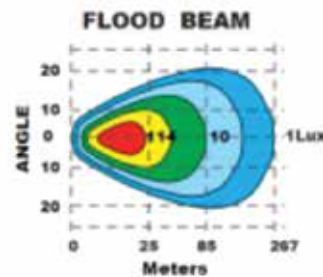
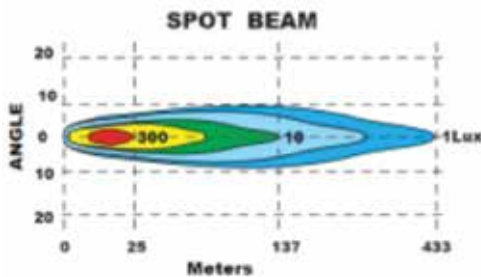
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16 LED Curved Single Row Lightbar



Part No.	ILBC600C
Beam Pattern	Combo (Flood and Spot)
Description	16 LED Curved Single Row Lightbar
Input Voltage	9 - 36 Volt
Current Draw	13.92amps @ 12 Volt, 6.17amps @ 24 Volt
LED's	16 x 10 Watt High Intensity CREE LED's
Wattage	160 Watt
Raw Luminous Flux	14,400 Lumens
Effective Luminous Flux	11,600 Lumens
Colour Temperature	6,500 Kelvin
LED Lifespan	50,000 Hours
Electronics	Integrated Electronic Thermal Management (ETM)
Housing	Black Anodised Polyester Powder coated 6063 Extruded Aluminium
Mounting	Dual Mounting System - Side and Pedestal Mounts with Stainless Steel Mounting Hardware
Lens	Lexan Polycarbonate
Reflectors	Patented TIR polycarbonate Lens Optics System
Connection	500mm long pre-wired lead with 2 Pin Deutsch Plug and Socket
Weight	2.78kg
Protection	Power Surge Protection, Reverse Polarity Protection, UV Stabilized, Shock Resistant, Pressure Equalizing Vent and EMC Compliant
IP Rating	IP68
Operating Temperature	-40°C - +60°C
Dimensions	Width: 670mm 83x60 Height: 83mm Depth: 60mm
Warranty	5 Years





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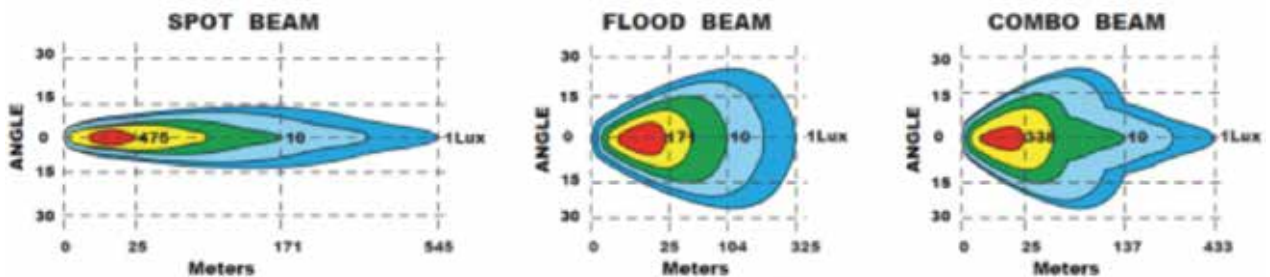
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24 LED Curved Single Row Lightbar



Part No.	ILBC900C
Beam Pattern	Combo (Flood and Spot)
Description	24 LED Curved Single Row Lightbar
Input Voltage	9 - 36 Volt
Current Draw	20.88amps @ 12 Volt, 9.19amps @ 24 Volt
LED's	24 x 10 Watt High Intensity CREE LED's
Wattage	240 Watt
Raw Luminous Flux	21,600 Lumens
Effective Luminous Flux	17,400 Lumens
Colour Temperature	6,500 Kelvin
LED Lifespan	50,000 Hours
Electronics	Integrated Electronic Thermal Management (ETM)
Housing	Black Anodised Polyester Powder coated 6063 Extruded Aluminium
Mounting	Dual Mounting System - Side and Pedestal Mounts with Stainless Steel Mounting Hardware
Lens	Lexan Polycarbonate
Reflectors	Patented TIR polycarbonate Lens Optics System
Connection	500mm long pre-wired lead with 2 Pin Deutsch Plug and Socket
Weight	4.15kg
Protection	Power Surge Protection, Reverse Polarity Protection, UV Stabilized, Shock Resistant, Pressure Equalizing Vent and EMC Compliant
IP Rating	IP68
Operating Temperature	-40°C - +60°C
Dimensions	Width: 990mm 83x60 Height: 83mm Depth: 60mm
Warranty	5 Years





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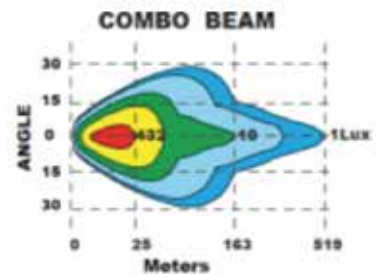
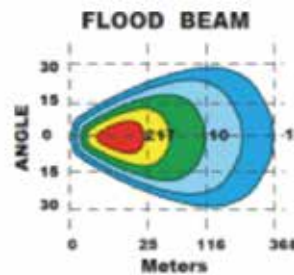
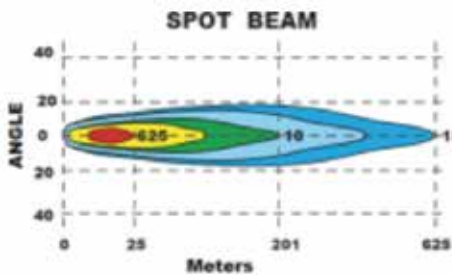
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32 LED Curved Single Row Lightbar



Part No.	ILBC1300C
Beam Pattern	Combo (Flood and Spot)
Description	32 LED Curved Single Row Lightbar
Input Voltage	9 - 36 Volt
Current Draw	23.33amps @ 12 Volt, 13.33amps @ 24 Volt
LED's	32 x 10 Watt High Intensity CREE LED's
Wattage	320 Watt
Raw Luminous Flux	28,800 Lumens
Effective Luminous Flux	23,200 Lumens
Colour Temperature	6,500 Kelvin
LED Lifespan	50,000 Hours
Electronics	Integrated Electronic Thermal Management (ETM)
Housing	Black Anodised Polyester Powder coated 6063 Extruded Aluminium
Mounting	Dual Mounting System - Side and Pedestal Mounts with Stainless Steel Mounting Hardware
Lens	Lexan Polycarbonate
Reflectors	Patented TIR polycarbonate Lens Optics System
Connection	500mm long pre-wired lead with 2 Pin Deutsch Plug and Socket
Weight	5.7kg
Protection	Power Surge Protection, Reverse Polarity Protection, UV Stabilized, Shock Resistant, Pressure Equalizing Vent and EMC Compliant
IP Rating	IP68
Operating Temperature	-40°C - +60°C
Dimensions	Width: 1,300mm 83x60 Height: 83mm Depth: 60mm
Warranty	5 Years

