

J.W. SPEAKER®

LIGHTING

RANGE CATALOGUE

5th Edition

LED Lighting

Transport //
Mining //
Agricultural //
Industrial //
Automotive //
Motorcycle //



J.W. SPEAKER®
Engineered. Lighting. Solutions.

DELIVERING HI-TECH LIGHTING SOLUTIONS

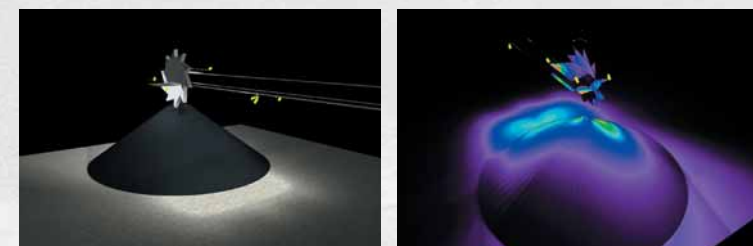
Invision Sales combines leading technology brands with innovative thinking to drive market growth. Established in 2002, Invision is a multifaceted company that specialises in the sales and marketing of lighting products in the Asia Pacific region.

When Invision Sales prepare a lighting solution for your business or work site, it is done utilising sophisticated 3D CAD software to create an accurate simulation.

Our engineers have the complete range of J.W. Speaker LED lighting specifications programmed into 3D Simulation Software, so that once your work site environment is created, they are able to design a lighting solution that is precise and accurate.

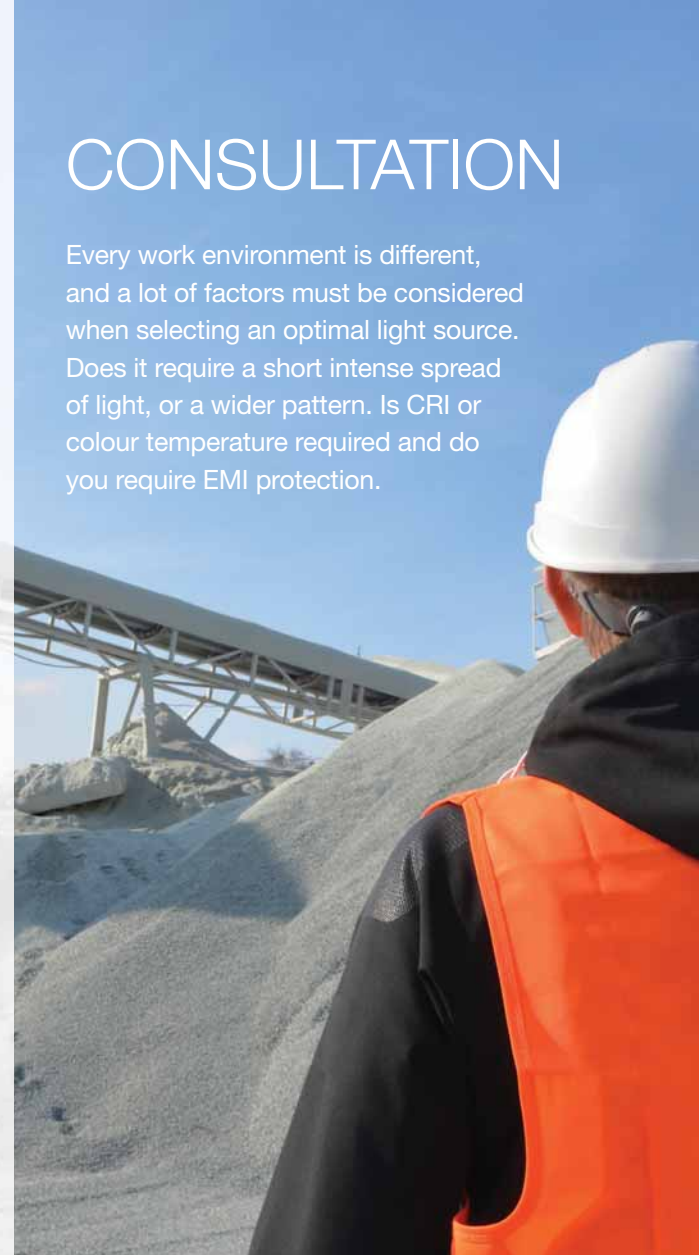
The lighting simulation means we are able to predict exactly how a particular light unit will perform and how effective it will be.

This process is a free consultation provided by Invision Sales with the aim of ensuring the optimal lighting solution is designed and implemented.



CONSULTATION

Every work environment is different, and a lot of factors must be considered when selecting an optimal light source. Does it require a short intense spread of light, or a wider pattern. Is CRI or colour temperature required and do you require EMI protection.



IP Ratings What do they mean?

The first number of the IP code indicates the degree of protection against solid foreign bodies such as dust intruding into an enclosure. The second number indicates the degree of protection for the equipment inside the enclosure against the harmful entry of various forms of moisture (e.g. dripping, spraying, submersion, etc.) For general outdoor use, IP65 is sufficient to withstand the effects of wind and rain.

First Number

- 0** No protection provided.
- 1** Protection against entry of objects larger than 50 square mm.
- 2** Protection against entry of objects larger than 12 square mm.
- 3** Protection against entry of objects larger than 2.5 square mm.
- 4** Protection against entry of objects larger than 1.0 square mm.
- 5** Protection against entry of dust in sufficient quantity to prevent satisfactory operation.
- 6** Complete protection against entry of dust.

Second Number

- 0** No protection provided.
- 1** Protection against drops of water falling vertically.
- 2** Protection against drops of water falling vertically when the luminaire is tilted up to 15 degrees from its normal position.
- 3** Protection from entry of water spray from angle of up to 60 degrees from vertical.
- 4** Protection from entry of water splashes or spray from any direction.
- 5** Protection from a low pressure jet of water in any direction.
- 6** Protection against heavy seas or a strong jet of water in any direction.
- 7** Protection against immersion up to 1 metre.
- 8** Protection against submersion over 1 metre.
- 9** Protection against close-range high pressure, high temperature spray downs.



CRI Colour Rendering Index

CRI or Colour Rendering Index refers to the ability of a light source to show the true colours of an object relative to their natural colour in daylight. CRI is measured on a scale from 0 to 100, with 100 representing true colour. High CRI ratings are incredibly important for industries that rely on true colour such as fruit plantations, vehicle painting and even the medical industry.

CRI Example

As shown in these images, a higher CRI rating of 90 shows vibrant and clear colour compared to the image on the far left which has a rating of 30. The amount of light shining on the objects is the same, but the difference in CRI rating means one image is dull and lacking in true colour and the other is vibrant and closer to daylight representation.



Lower CRI rating

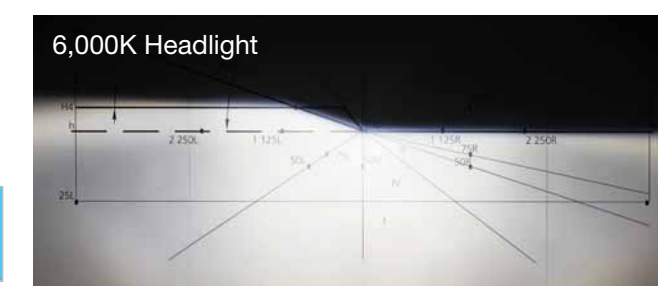
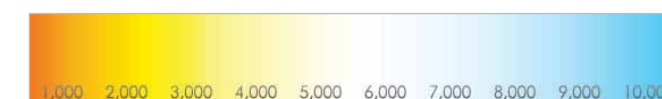


Higher CRI rating

Colour Temperature (K)

Colour Temperature or Kelvin (K) Rating refers to the colour of a light source in reference to the Kelvin scale. K Rating is often confused with a light's intensity but the two are very different. Commercial lighting often varies between 3,000K and 6,000K depending on the application. With 5000K considered daylight, many LED manufacturers aim for colour temperatures that offer a more natural looking light.

The difference between 3000K and 6000K is dramatic as highlighted in the images to the right. The 3000K product is much warmer looking compared to the cooler 6000K.



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LED BULB KIT PERFORMANCE

ADVANTAGES TO UPGRADING FROM HALOGEN TO LED

If you're considering upgrading your or your customer's headlights from halogen to LED technology, look no further than the range of J.W. Speaker LED bulb kits.

Engineered to have a smooth, even and bright beam pattern, these LED bulbs are an easy sell when you consider the other benefits they bring to your driving.

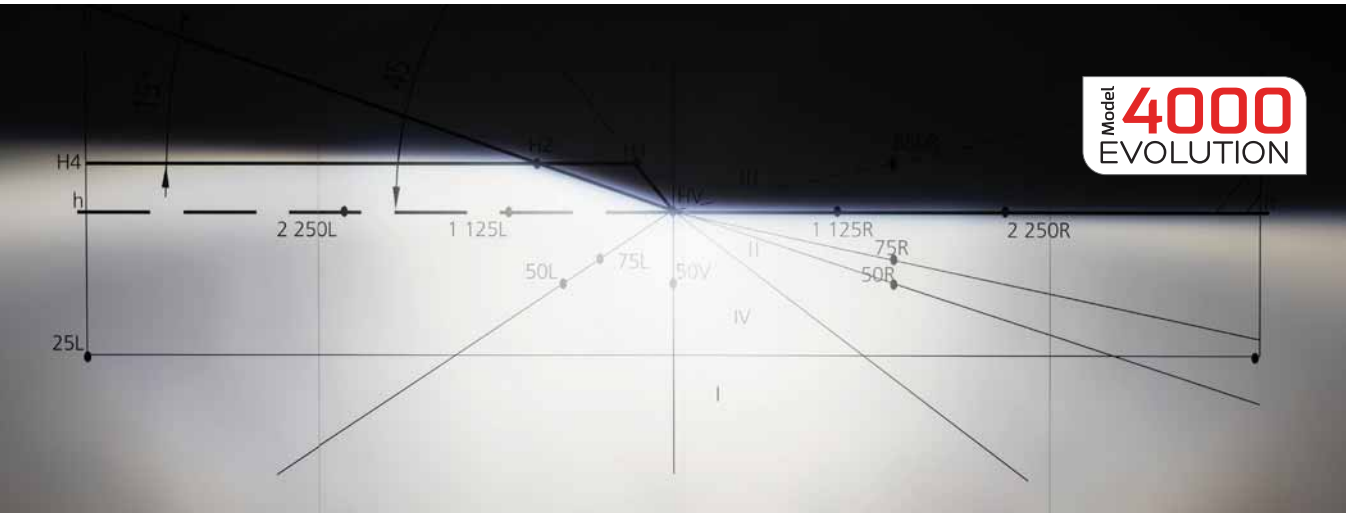
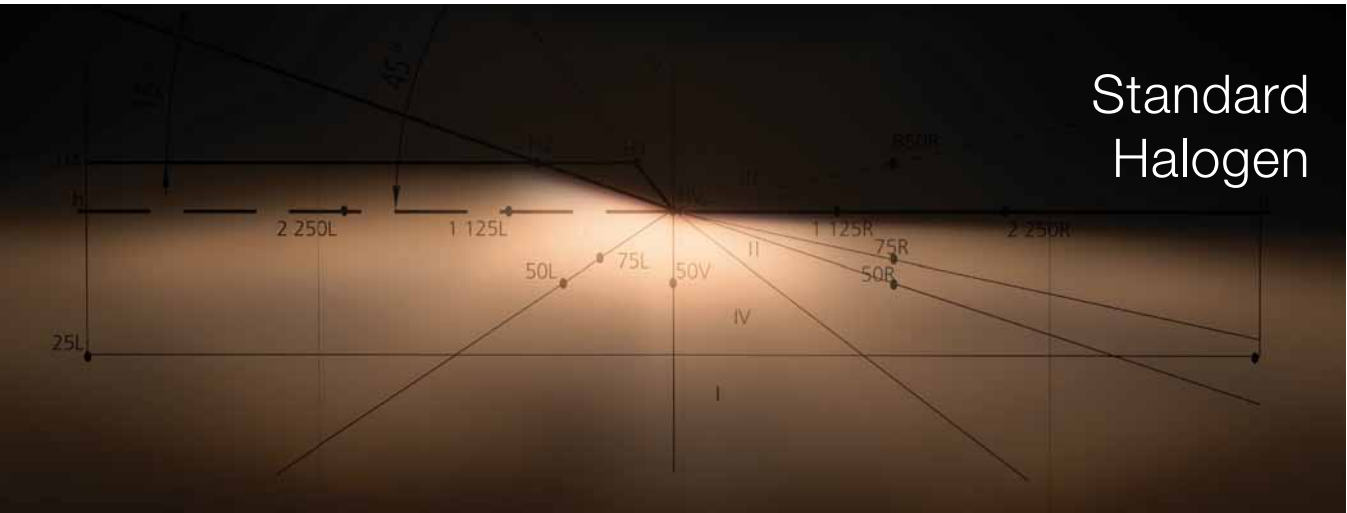
White Light

Halogen upgrade globes create a white light by applying a heavy blue coating to the glass. While this improves the light colour, it dramatically reduces the light output and life expectancy. LED delivers a much whiter light without the same limitations as the LED chip generates the precise white colour instead.

Long Life

Standard halogen bulbs are expected to last around 500 hours and a long life upgrade around 1,500 hours. Depending on how often you're using your headlight bulbs, this could mean you're changing headlight bulbs as often as every 3 months.

Current technology allows LED bulb kits to last for years which is why J.W. Speaker back these products with such impressive warranty periods. Not only do they last a long time, they are also more resistant to physical and electrical shock which is a major cause of halogen bulbs failing.



REFLECTOR & PROJECTOR HEADLIGHTS

HOW TO CHOOSE THE CORRECT BULB

There are two types of headlight systems used in automotive vehicles and they both generate a beam pattern in very different ways.

It is important to know which type your vehicle uses when selecting an LED bulb as some bulbs perform best in a particular headlight system.

Use the images below to determine the headlight style/s of your vehicle and keep an eye out for the Reflector or Projector icons and terminology on each LED bulb kit product page to see if they are optimised or suitable for your vehicle.



Model 4000 EVOLUTION

12V - 24V
 HALOGEN REPLACEMENT
 2000 LUMENS PER BULB

- 6000K WHITE LIGHT
- IP65 WATERPROOF
- 3 YEAR LIMITED WARRANTY
- 2 HEADLIGHT BULBS PER KIT
- **NOT APPROVED FOR ADR, ECE OR DOT**



REFLECTOR
OPTIMISED

Standard Replacement

Part No.	Base
990001	H1
990003	H3
990004	H4
990005	HB3 / H10
990006	HB4
990007	H7
990011	H8 / H9 / H11 / H16
990012	HIR2
990013	H13



PROJECTOR
OPTIMISED

Standard Replacement

Part No.	Base
990007P	H7
990011P	H8 / H9 / H11 / H16
990012P	HIR2



The Projector Optimised products are designed with a V-shape circuit board layout which creates the super even beam pattern these bulbs are known for.

VEHICLE & BEAM SPECIFIC PRE-INSTALLED ADAPTOR CLIPS

There are a number of vehicles that use very specific H7 bulb retaining systems that stop the standard Model 4000 bulbs from fitting. (Pictured right)

For this reason, J.W. Speaker have developed two Model 4000 options with pre-installed adaptor clips to allow the bulbs to fit vehicles. (See below)

There are many other unique H7 bulb retaining systems on the market, particularly ones found in Hyundai, Mazda and Kia vehicles. Unfortunately they aren't compatible with the Model 4000 range and the Direct Fit bulbs will need to be used instead.



REFLECTOR
OPTIMISED

Vehicle & Beam Specific

Part No.	Base
990007C1	H7 with adaptor clip



The 990007C1 is optimised for **Ford FG Falcon, Ford SZ Territory, Mercedes ML164 (06-09) & Mercedes Vito Van (2009 tested).**

This product has the retaining clip pre-installed onto the bulb. It is not recommended to use this product in any other application.



PROJECTOR
OPTIMISED

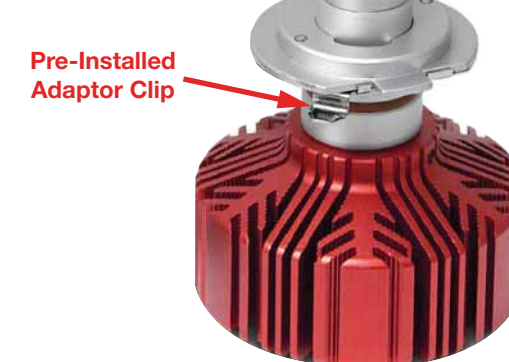
Vehicle & Beam Specific

Part No.	Base
990007PC1	H7 with adaptor clip & rubber dust cap



The 990007PC1 is optimised for **Ford FG Falcon, Ford SZ Territory, Toyota Camry (2011 tested), Mercedes ML164 (06-09), Mercedes GLE (2013-14 tested) & Kenworth T610 Aero.**

This product has the retaining clip pre-installed onto the bulb. It is not recommended to use this product in any other application. This kit also includes a rubber dust cap to replace the original cap for better product fitment.



▶ **HIGH STABILITY
 LIGHT OUTPUT**

▶ **ULTRA LONG
 LIFESPAN**

▶ **HEAVY DUTY
 HEATSINK &
 COOLING**

▶ **OPTIMISED
 FOR PROJECTOR
 AND REFLECTOR**



12V ONLY HALOGEN REPLACEMENT

2800 LUMENS PER BULB*

- 5700K WHITE LIGHT
- IP65 WATERPROOF
- 2 YEAR LIMITED WARRANTY
- 2 HEADLIGHT BULBS PER KIT
- **NOT APPROVED FOR ADR, ECE OR DOT**



Specifications

- Lumen: See Table
- Colour Temp: 5700K
- Power: 26W Per Beam
- Voltage: DC12-16V
- Operating temperatures: -40° / +130°C
- IP Rating: IP65

Warranty

2 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4x4.

Kit Contains

2 x LED Headlight Bulbs

This product range is **not approved for ADR, ECE or DOT**

**HIGH OUTPUT
PERFORMANCE**

**EASY DIY
INSTALLATION**

**PREMIUM
FAN COOLING**

**SUITABLE FOR
PROJECTOR AND
REFLECTOR**



**REFLECTOR & PROJECTOR
SUITABLE**



H4 / H19



HB3 / H10 & HB4



H7 / H18



H8 / H9 / H11 / H16



**IDENTICAL
FITMENT
TO HALOGEN BULB**



The sizing of the new Direct Fit Plus bulbs are as identical to Halogen sizing as possible.

The H7 specifically is now compatible with most unique H7 retaining systems and headlights due to the new collar design and bulb size.

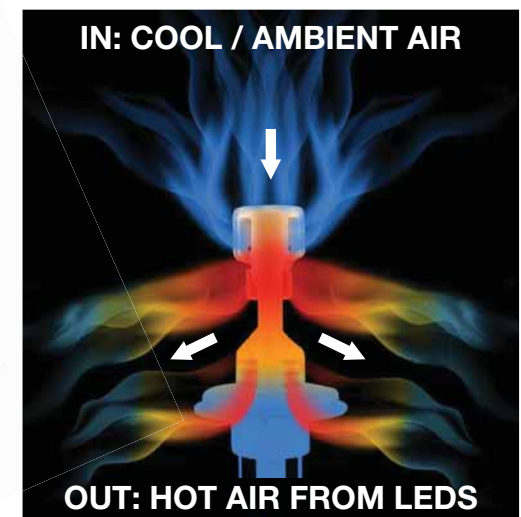


PREMIUM FAN COOLING

ADVANCED AIRFLOW FOR
BETTER PERFORMANCE

The new Direct Fit Plus range uses premium cooling fans to help reduce heat stress on the LED chips by drawing cooler air into the bulb and past the circuit board.

This active cooling allows the Direct Fit Plus bulbs to have a higher light output compared to the standard Direct Fit with its more passive TST cooling.





12V - 24V HALOGEN REPLACEMENT 2000 LUMENS PER BULB

- 5700K WHITE LIGHT
- IP65 WATERPROOF
- 2 YEAR LIMITED WARRANTY
- 2 HEADLIGHT BULBS PER KIT
- **NOT APPROVED FOR ADR, ECE OR DOT**



Specifications

- Lumen: 2000 per bulb
- Colour Temp: 5700K
- Power: 18W Per Beam
- Voltage: DC12-24V (H15 999015 12V Only)
- Operating temperatures: -40° / +130°C
- IP Rating: IP65

Warranty

2 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4x4.

Kit Contains

2 x LED Headlight Bulbs

This product range is **not approved for ADR, ECE or DOT**

▶ **HIGH STABILITY
LIGHT OUTPUT**

▶ **EASY DIY
INSTALLATION**

▶ **PREMIUM
TST COOLING**

▶ **SUITABLE FOR
PROJECTOR AND
REFLECTOR**



REFLECTOR & PROJECTOR SUITABLE

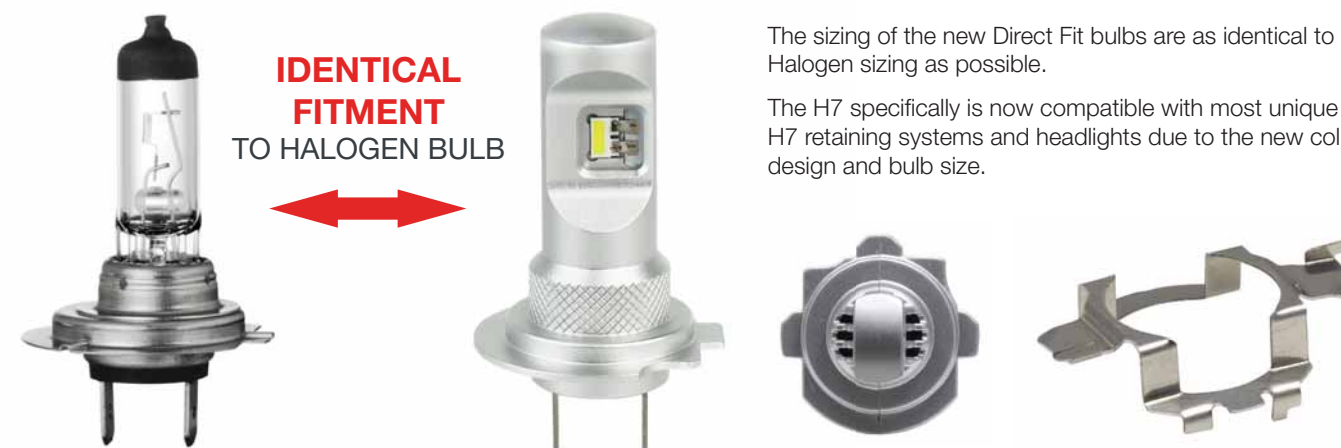


Part No.	Base
999001	H1
999003	H3
999004	H4 / H19
999005	HB3
999006	HB4

Part No.	Base
999007	H7 / H18
999011	H8 / H9 / H11 / H16
999012	HIR2
999013	H13

Part No.	Base
999015	H15 - 12V ONLY
999016	HB1 (9004)
999017	HB5 (9007)
999881	H27 (880 / 881)

The following products have adjustable mounting using the supplied allen key:
HB3, HB4, H11, HIR2, H13, H15, HB1 & HB5



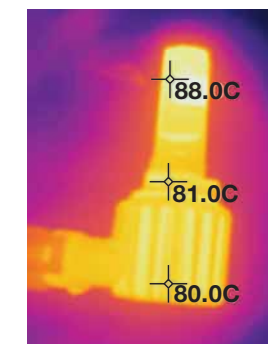
PREMIUM TST COOLING THERMOELECTRIC SEPARATION TECHNOLOGY

TST is a new and important cooling technology to the J.W. Speaker range of Direct Fit LED bulbs.

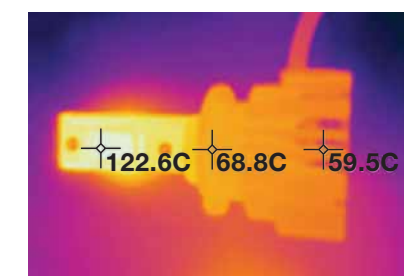
Instead of using PCBs (printed circuit board) and thermal silicone like most LED bulbs, TST sees the attachment of the LED chips directly to the alloy shaft of the bulb. This process allows for a more even distribution of heat, ultimately reducing the strain on the LED chips and leading to longer life and a more stable beam performance.

These diagrams show the heat readings on a traditional LED bulb vs the new Direct Fit bulb using TST cooling. The TST cooling measures a heat difference of only 8°C between LED chips and the base of the bulb where as the standard LED bulb measures more than **DOUBLE** the heat difference of base to chips.

J.W. SPEAKER
DIRECT FIT
LED BULB
WITH TST



STANDARD
LED BULB
WITH PCB &
SILICONE





12V - 24V XENON HID REPLACEMENT 4500 LUMENS PER BULB*

- 5700K WHITE LIGHT
- IP65 WATERPROOF
- 2 YEAR LIMITED WARRANTY
- 2 HEADLIGHT BULBS PER KIT
- **NOT APPROVED FOR ADR, ECE OR DOT**



Specifications

- Lumen: See Table
- Colour Temp: 5700K
- Power: See Table
- Voltage: DC12-24V Connects to OEM Cable / Ballast
- Operating temperatures: -45° / +85°C
- IP Rating: IP65

Warranty

2 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4x4.

Kit Contains

2 x LED Headlight Bulbs

This product range is **not approved for ADR, ECE or DOT**

**HIGH OUTPUT
PERFORMANCE**

**EASY DIY
INSTALLATION**

**PREMIUM
FAN COOLING**

**SUITABLE FOR
PROJECTOR AND
REFLECTOR**



**REFLECTOR & PROJECTOR
SUITABLE**



D1 / D3 / D8

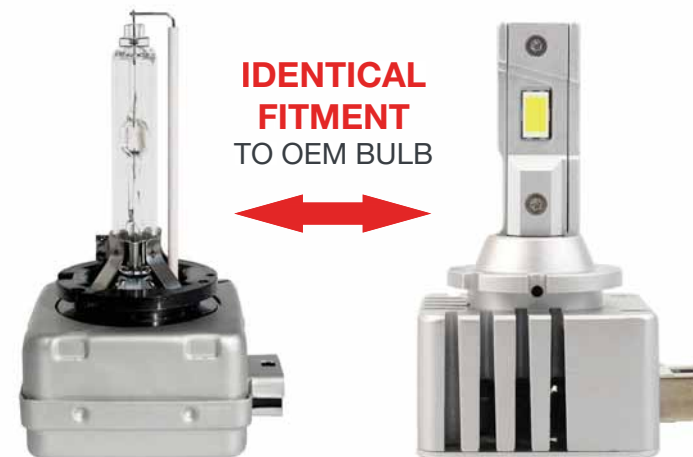


D2 / D4



D5

Part No.	Base	Power	Lumens Per Bulb*
999000D1	D1S / R	45W	4500
999000D2	D2S / R	45W	4500
999000D3	D3S / R	45W	4500
999000D4	D4S / R	45W	4500
999000D5	D5S / R	25W	3000
999000D8	D8S / R	45W	4500



**IDENTICAL
FITMENT
TO OEM BULB**

Headlights that use Xenon bulbs are typically designed with that bulb in mind and allow almost no extra space for aftermarket products and the other components they tend to come with.

This is where the new Direct Fit range really shines, offering a comprehensive selection of Xenon base types as LED replacements that are identical in size and fitment.

CONNECTS DIRECTLY TO OEM CABLE / BALLAST

One of the most important features of the new Direct Fit Xenon replacement range is that they are 100% compatible with the original vehicle cable / ballast unit and the electrical systems of the vehicle.

No extra products like CANbus modules will be required for a successful bulb installation.



SPECIFIC HALOGEN REPLACEMENT

VEHICLE & BEAM SPECIFIC LED VOLKSWAGEN LOW BEAM KIT

The 990007VW is unique in that it is designed specifically to replace Volkswagen H7 low beam bulbs that use a very specific clip-in system. This system has been used in other vehicles by other manufacturers but it has been predominantly used by Volkswagen.

A key feature with this range is that it has built in CANbus technology, meaning the LED bulb will be able to communicate with the vehicle without causing any errors or fault codes.

It is recommended to consult a qualified auto electrician before installing this product to make sure it is suitable for your vehicle. A list of Volkswagen models that this product is suitable for can be found below.



**REPLACES
ORIGINAL
VOLKSWAGEN
H7 BULB HOLDER**

#5K0941109E &
#5K0941109C



Specifications

- Lumen: 2000 per bulb
- Colour Temp: 6200K
- Power: 25W Per Beam
- Voltage: DC12V
- Operating temperatures: -40°/ +130°C
- IP Rating: IP65
- Built In CANbus

This product range is **not approved for** ADR, ECE or DOT

Warranty

3 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4X4.

Kit Contains

2 x LED Headlight Bulbs



**LOW
BEAM**

Vehicle Fitting Guide

Volkswagen vehicles from 2010 onwards

- EOS
- Golf VI
- Golf VII
- Jetta VI
- Tiguan 1
- Tiguan 2

Other vehicles

- 2018 Mercedes Vito Van (Low Beam)

Note: This product does **not** fit the Golf 7.5 (2019 onwards)

Vehicle & Beam Specific

Part No.	Base
990007VW	H7 with built-in adaptor base

SPECIFIC HALOGEN REPLACEMENT

**Built-in
CANbus**



FOG LIGHT LED BULB KITS BE PREPARED FOR EXTREME WEATHER

Improve your safety while driving through poor weather conditions with these LED fog light bulbs.

Designed to illuminate the road and reflective markers beneath low lying fog, these are the perfect fog light bulbs to compliment your headlights at an entry level price.

Part No.	Base
990001F	H1
990003F	H3
990006F	HB4
990008F	H8 / H9 / H11 / H16
990010F	H10
990018	P13W / PSX26W
990019	PS19W / PS24W / PSX24W
990880F	H27 Straight Base
990881F	H27 Angle Base



**Built-in
CANbus**

H15 MULTI FUNCTION HIGH BEAM & DRL

The H15 bulb type has become very popular with vehicle manufacturers in recent years, with its dual filament system offering a high beam and lower output daytime running light beam from the same bulb.

Due to the nature of the way it's locked into the headlight, this bulb and the Direct Fit system is the only high quality H15 option on the market.

990015F is considered a halogen replacement compared to the higher output 999015 Direct Fit kit which is more of a performance upgrade.

Part No.	Base
990015F	H15

Specifications

- Lumen: 550 per bulb (Fog)
80/600 per bulb (H15)
- Colour Temp: 6000K
- Power: 30W Per Beam
- Voltage: DC12-24V
- Operating temperatures: -40°/ +130°C
- IP Rating: IP65
- Lifetime: Up to 30,000 hours

Warranty

2 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4x4.

1 Year – Off-Highway:
For mining and industrial applications.

Kit Contains

2 x LED Bulbs

This product range is **not approved for ADR, ECE or DOT**

LED CANBUS TECHNOLOGY
SUITABLE FOR MODEL 4000 & DIRECT FIT

Some vehicle electronic systems may conflict with the LED bulb. There are a limited number of vehicles who's electronic systems may require the addition of a CANbus unit during installation.

The CANbus unit will allow the vehicles electronics to accept the LED bulb into its system.

One simple way of checking if your vehicle is monitoring your headlight bulbs is to:

1. With the vehicle turned off, carefully disconnect one of the headlight bulbs you are looking to replace with an LED product.
2. Start your vehicle and turn on your headlights, switching to the beam / bulb you are wanting to test. For thorough testing, switch between low and high beam multiple times.



3. If you are receiving a 'globe out' warning light similar to the above or a fault message anywhere inside your vehicle, you will require a CANbus product to aid in a successful bulb installation.

CANbus Options

Part No.	Base	Voltage
990001CB	H1 / H3	12V
990004CB	H4	12V
990004CB24	H4	24V
990005CB	HB3 / HB4 / H10 / HIR2	12V
990007CB	H7	12V
990007CB24	H7	24V
990011CB	H8 / H9 / H11 / H16 / H27	12V

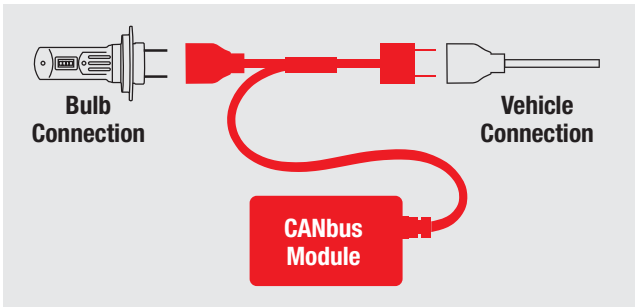
Kit Contains
2 x CANbus Modules

Warranty
1 Year

CANBUS
COMPLETE PLUG & PLAY



Installation Diagram



KNOWN CANBUS VEHICLES

Many vehicles will not require a CANbus kit to be installed, however there are a few vehicles that have been confirmed to require something to allow the bulbs to function properly. If you have a vehicle shown below or have come across an issue with a vehicle not listed here, please call Invision Sales for CANbus advice.

Ford Ranger

Ford Focus & Mondeo

Mazda BT-50

BMW 5 Series & X3

Holden VF Commodore

Holden Colorado & Trailblazer

Nissan Navara

Nissan Patrol

Toyota Hilux

Toyota Landcruiser & Prado

Jeep - Most Models

Audi Q7 & TT

SIGNAL

INCANDESCENT REPLACEMENT

LED SIGNALLING

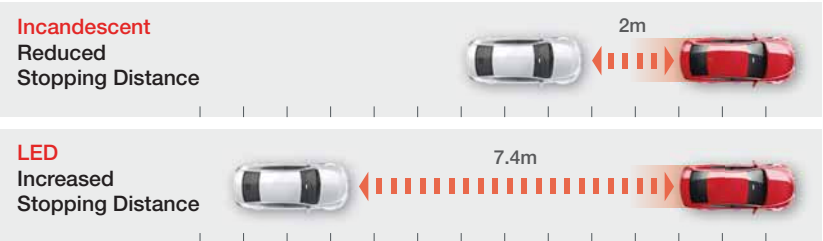
BAYONET, FESTOON & WEDGE

Aside from the known benefits of increased life, LED Signalling bulbs actually offer one more vital upgrade over standard incandescent bulbs which is 'activation speed'.

Something people don't often consider is the speed at which a bulb reaches full illumination. Traditional signalling bulbs take time to ignite and reach full output, compared to LED bulbs which reach maximum intensity almost instantaneously.

This means that the LED bulb can be 'seen' much quicker than the incandescent bulb and in a traffic situation where milliseconds can make the difference, LED bulbs are the safest choice.

The near instantaneous illumination of LED gives drivers more time to stop



With LED bulbs, the driver sees the brake lights earlier and gains a vital 5.4m stopping distance. Based on a vehicle travelling at 100km/h.



BAYONET

Part No.	Base	Colour	Bulb Type	Lumen	Pack Qty.	Voltage	Pic
990140	BA15s	White 6000K	P21W	360LM	Twin	12V-24V	5
990142	BAU15s	Amber	PY21W	250LM	Twin	12V-24V	5
990142CB	BAU15s (CANbus)	Amber	PY21W	1400LM	Twin	12V	2
990144	BAY15d	Red	P21/5W	120/60LM	Twin	12V-24V	5
990144W	BAY15d	White 6000K	P21/5W	360/120LM	Twin	12V-24V	5
990145	BA15s	White 6000K	R5W & R10W	280LM	Twin	12V-24V	4
990147	BA9s	White 6000K	T4W	68LM	Twin	12V	3
990148	BA9s	White 6000K	T4W	68LM	Twin	24V	3
Reversing							
990140HO	BA15s	White 6000K	P21W	700LM	Twin	12-24V	1



FESTOON

Part No.	Base	Colour	Bulb Type	Lumen	Pack Qty.	Voltage	Pic
990100	SV8.5 / 31 x 10.5	White 6000K	C5W	68LM	Single	12V	1
990102	SV8.5 / 36 x 10.5	White 6000K	C10W	68LM	Single	12V	2
990103	SV8.5 / 36 x 10.5	White 6000K	C10W	68LM	Single	24V	2
990104	SV8.5 / 41 x 10.5	White 6000K	C21W	68LM	Single	12V	3



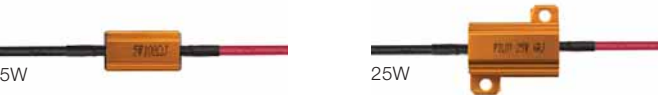
WEDGE

Part No.	Base	Colour	Bulb Type	Lumen	Pack Qty.	Voltage	Pic
990108	T5	White 6000K	W1.2W	35LM	Twin	12V	1
990109	T5	Blue	W1.2W	5LM	Twin	12V	1
990110	T10	White 6000K	W5W	65LM	Twin	12V	2
990111	T10	White 6000K	W5W	65LM	Twin	24V	2
990114	T10 (CANbus)	White 6000K	W5W	98LM	Twin	12V	3
990120	T16	White 6000K	W16W	350LM	Twin	12V-24V	4
990122	T16	Amber	WY16W	250LM	Twin	12V-24V	4
990124	T20	White 6000K	W21W	360LM	Twin	12V-24V	5
990126	T20	Amber	WY21W	250LM	Twin	12V-24V	5
990126CB	T20 (CANbus)	Amber	WY21W	1400LM	Twin	12V	6
990128	T20	White 6000K	W21/5W	360/120LM	Twin	12V-24V	5
990130	S8	White 6000K	3157	360/120LM	Twin	12V-24V	7
990132	S8	Amber	3157	253/88LM	Twin	12V-24V	7



RESISTOR

Part No.	Type	Pack Qty.	Voltage
990160	5W	Twin	12V
990161	25W	Twin	12V
990165	25W	Twin	24V



Note: A CANbus resistor may be required on some vehicles when fitting this signalling range. Please consult a qualified Auto Electrician if you experience issues.

Signalling Bulb Kit Warranty

2 Year – Standard Driving Conditions:
For normal day to day driving & recreational 4X4.

1 Year – Off-Highway:
For mining and industrial applications.

This product range is **not approved for**
ADR, ECE or DOT



Forward Lighting

J.W. Speaker have been setting new standards in LED headlights for over a decade with continuous innovation and development that has seen the range grow to meet the specific needs of many industries.

J.W. Speaker has developed a complete LED forward lighting solution for just about everything including trucks, 4WDs, mining vehicles and buses. All of these lighting solutions are exact replacements making extremely easy to upgrade old halogen headlight bulbs and sealed beams to the high powered, pure clean white light of LED.

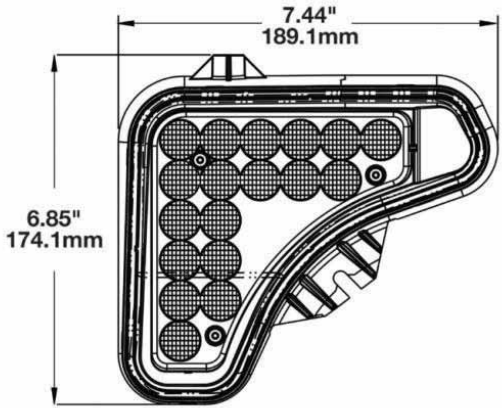
OEM BOBCAT

LED HEADLIGHT REPLACEMENT KIT

PART NO:
0557613

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1728 Effective: 1050
Input Voltage:	12V DC
Current Draw:	1.50A @ 12V DC
Lens Material:	Polycarbonate
Body Material:	Nylon
Connector:	OEM Bobcat Connection (PE 12124819)
OEM Headlight Replacement:	Left Side: 7251341, 7138041 & 7399583 Right Side: 7251340, 7138040 & 7399582
Standards:	Sealed to IP67
Weight:	530 grams per light
Pack Qty:	Twin (Left & Right)



MODEL 527

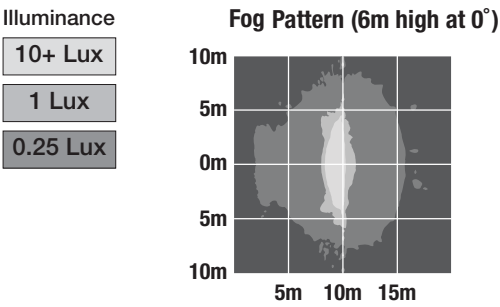
10" x 5" FOG LIGHT FOR HEAVY VEHICLES

PART NO:	COLOUR:
0551261	White
0551281	Amber

PRODUCT SPECIFICATIONS

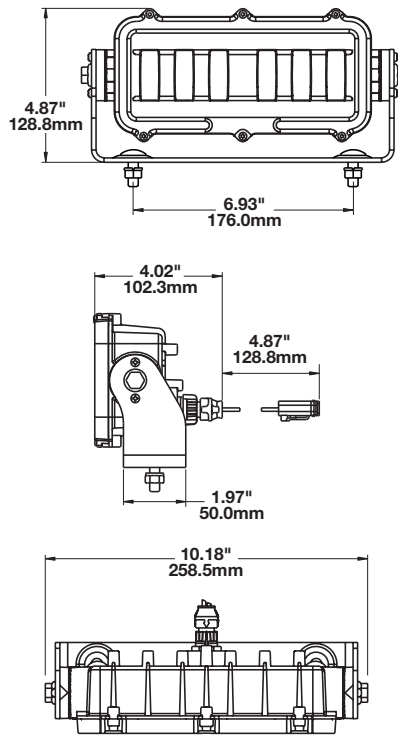
Colour Temp:	White 5000K or Amber
Lumen Output:	Raw: 1,500 (White); 960 (Amber) Effective: 640 (White); 400 (Amber)
Input Voltage:	12V - 24V DC
Current Draw:	1.2A @ 12V DC 0.8A @ 24V DC
Bezel:	Black
Lens Material:	Glass
Body Material:	Xenoy Resin
Mounting:	Universal Pedestal Mount (x2) M8-1.25 Mounting Bolt
Connector:	Integrated 2-Pin Deutsch Weather Proof Socket (DT04-2P)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K
Weight:	1.18kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



527 Product Accessories

Part No.	Description	Pack Qty
8200151	527 - Protective Rock Guard Kit	Single



MODEL 6150

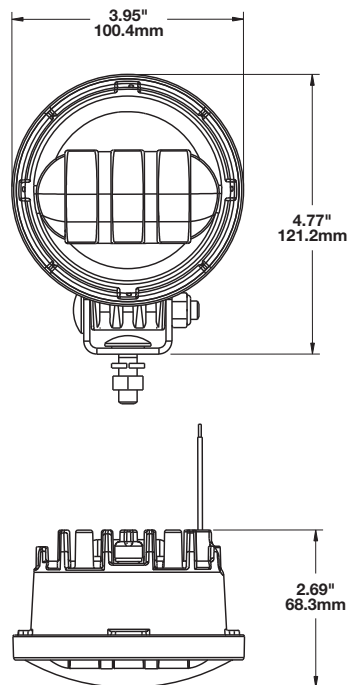
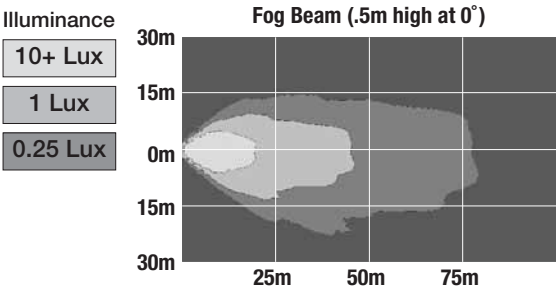
4" ROUND PEDESTAL FOG LIGHT

PART NO:
0547981

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1,080 Effective: 610
Input Voltage:	12V DC
Current Draw:	1.5A @ 12V DC
Bezel:	Black
Lens Material:	Hard-Coated Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal mount (x1) M8-1.25 x 25 SS Mounting Bolt
Connector:	Bare Wires
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 ECE Reg 19 SAE J583
Weight:	450 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 8700 EVO 3

7" ROUND HEADLIGHT INSERTS - 12V ONLY

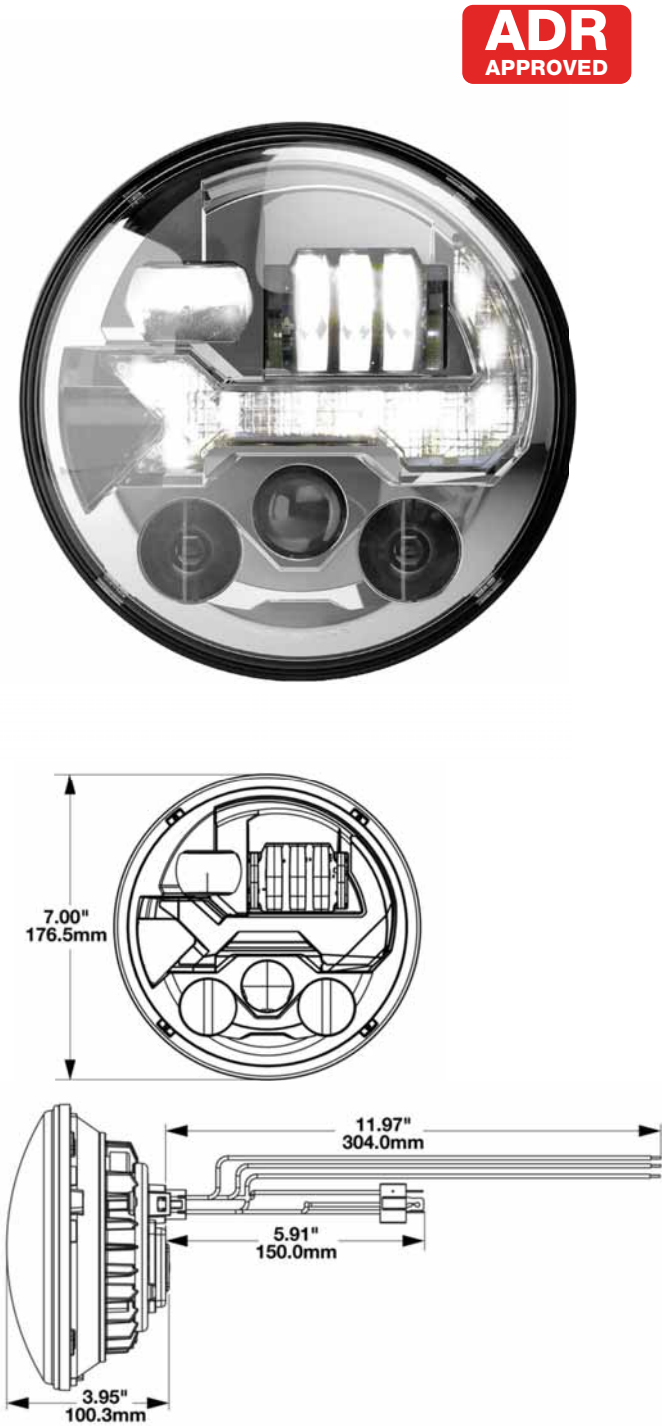
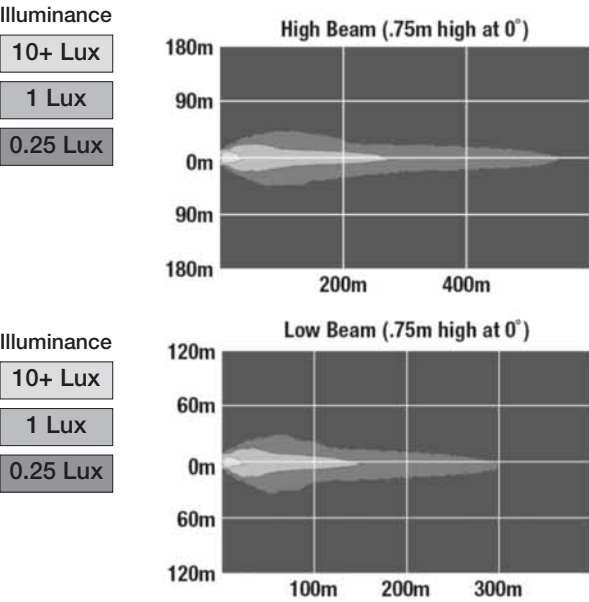
Low Beam | High Beam | Turn | Park | DRL
With Dual Burn® Technology

PART NO:
0558243 Twin Pack (Left & Right)

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 3,600 (High); 3,020 (Low) Effective: 1,320 (High); 1,201 (Low)
Input Voltage:	12V DC
Maximum Current Draw:	3.25A @ 12V DC (High Beam)
Bezel:	Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	2D1 "PAR56" or 7" round headlights
Connector:	H4 / (3X) 11.97" Flying Leads
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Brown Wire: Front turn Red Wire: Position Blue Wire: Daytime Running Light
Standards:	IEC IP69K ECE Reg 7, 87 & 112
Weight:	1.12kg per light
Pack Qty:	Twin (Left & Right)

EFFECTIVE LUMENS ISOLUX CHARTS



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High Beam

Low Beam

DRL

Front Position

Low Beam
+ Turn Signal

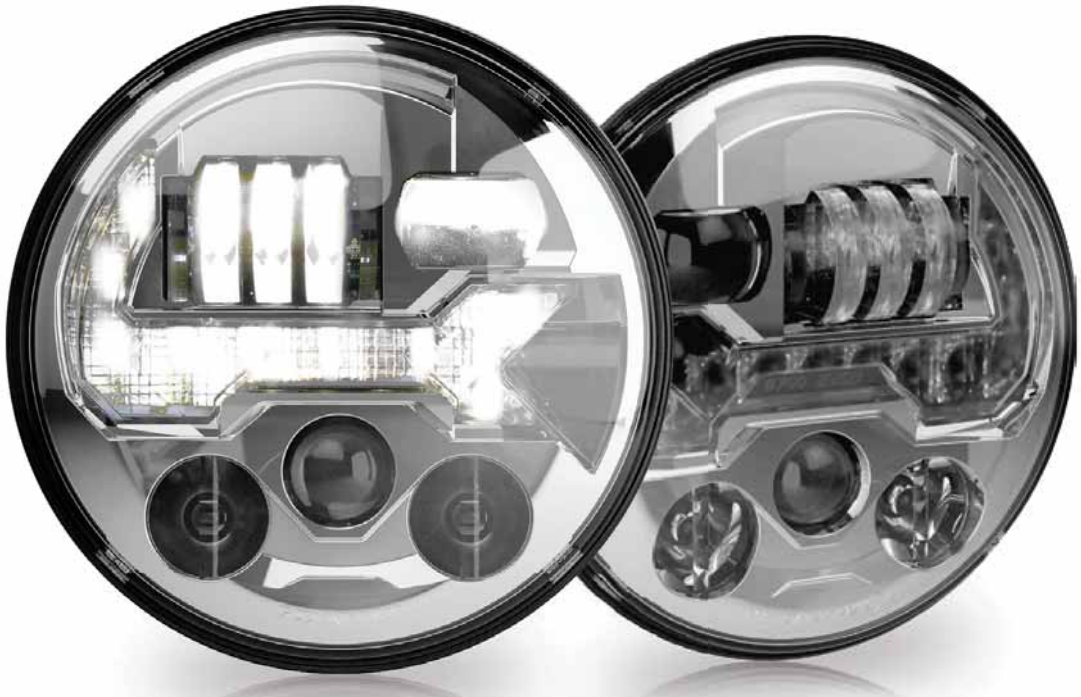
High Beam: Dual Burn® for both widespread long-distance visibility

Low Beam: Brilliant short-range illumination

Daytime Running Light: Eye-catching visibility for daytime driving

Turn Signal: Amber LEDs stand out against white for clear indications

Front Position: Emit brilliant white LED light for maximum visibility



The 8700 EVO 3 kit contains specific Left and Right hand side units.

MODEL 8700 EVO 2 PRO

7" ROUND HEADLIGHT INSERTS

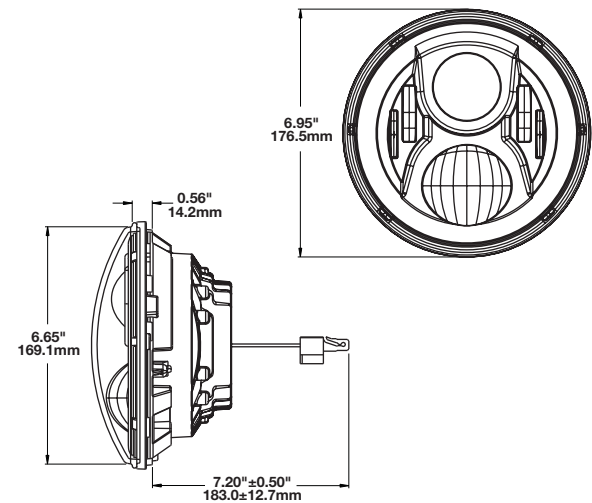
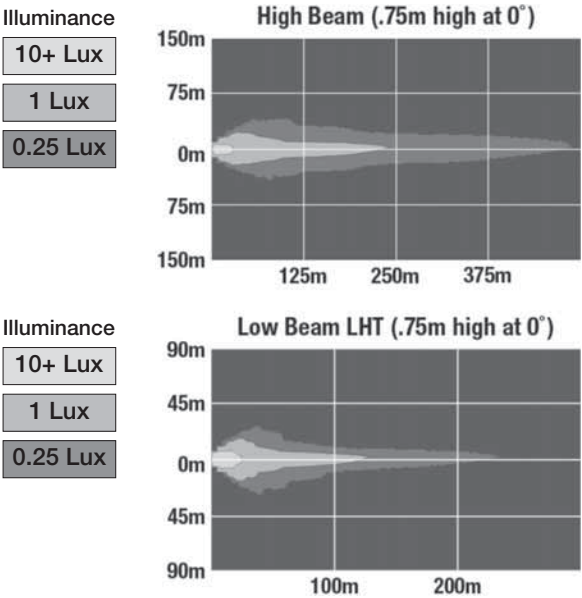
Low Beam | High Beam | Park | DRL
With Dual Burn® Technology

PART NO:	BEZEL:
0556961	Black
0556951	Chrome

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 4,170 (High); 2,340 (Low) Effective: 1,340 (High); 694 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	3.60A @ 12V DC (High Beam)
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	2D1 "PAR56" or 7" round headlights
Connector:	H4 or SAR
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Red Wire: Park (Front Position) Blue Wire: Daytime Running Light
Standards:	Sealed to IP67 ECE Reg 7, 10, 87 & 112
Weight:	1.05kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



8700 EVO 2 PRO Mounting Options

Part No.	Description	Pack Qty
3156351	8700 - Mounting Ring Kit Assembly	Single
3156561	8700 - Panel Mount Bucket Assembly	Single
3157091	8700 - Side Mount Bucket Assembly	Single

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MODEL 8700 EVO 2 PRO

WITH KENWORTH SAR CONNECTION

Same Product Specifications

PART NO:	BEZEL:
0557111	Chrome



The Kenworth T610 SAR uses 2 × AMP connections rather than the standard H4 plug.
This Model 8700 product from J.W. Speaker has the SAR connections pre-installed.

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MODEL 8700 EVO 2 PRO

WITH HEATED LENS TECHNOLOGY

Same Product Specifications

PART NO:	BEZEL:
0556331	Chrome

How does it work?

1. A SmartHeat LED light will automatically turn on at startup or when the temperatures drops.
2. The SmartHeat technology uses an internal sensor to sense the current temperature. If the technology senses the temperature to be below the low temperature threshold, the heat will stay on to de-ice the lens.
3. Once the ice has melted and the light has warmed up to meet the high temperature threshold, the SmartHeat grid system will automatically turn off.



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MODEL 8710

7" ROUND HEADLIGHT INSERTS

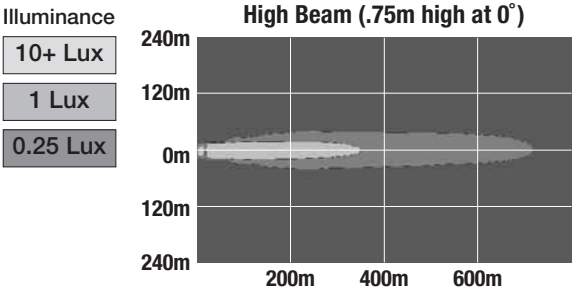
High Beam Only

PART NO:	BEZEL:
0550021	Black
0550011	Chrome

PRODUCT SPECIFICATIONS

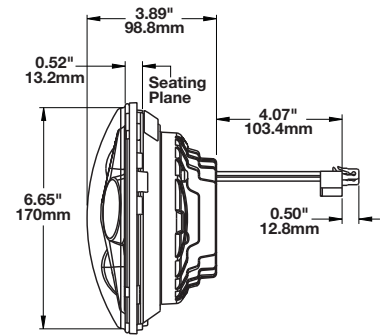
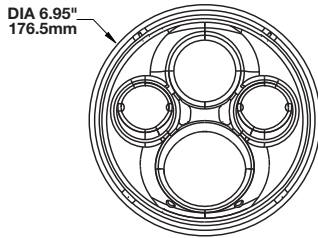
Colour Temp:	White 5000K
Lumen Output:	Raw: 3,300 Effective: 1,440
Input Voltage:	12V - 24V DC
Current Draw:	4.80A @ 12V DC 2.50A @ 24V DC
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	2D1 "PAR56" or 7" round headlights Optional Pedestal Mount: (x1) 3/8-16 x 1.5" Stainless Steel Screw
Connector:	H4
Wiring:	Black Wire: Ground White Wire: Positive
Standards:	Sealed to IP67 ECE Reg 112
Weight:	1.05kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



8710 Mounting Options

Part No.	Description	Pack Qty
3156351	8700 - Mounting Ring Kit Assembly	Single
3156561	8700 - Panel Mount Bucket Assembly	Single
3157091	8700 - Side Mount Bucket Assembly	Single

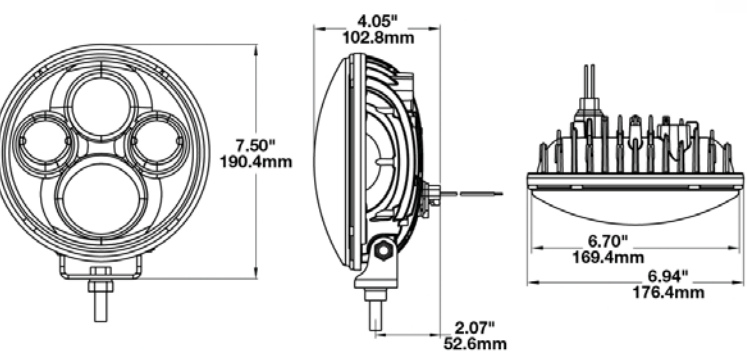


MODEL TS4000

8710 PEDESTAL MOUNT VARIANT - TWIN PACK

Same Product Specifications

PART NO:	BEZEL:
0551693	Black
0551603	Chrome



MODEL 8630 EVO

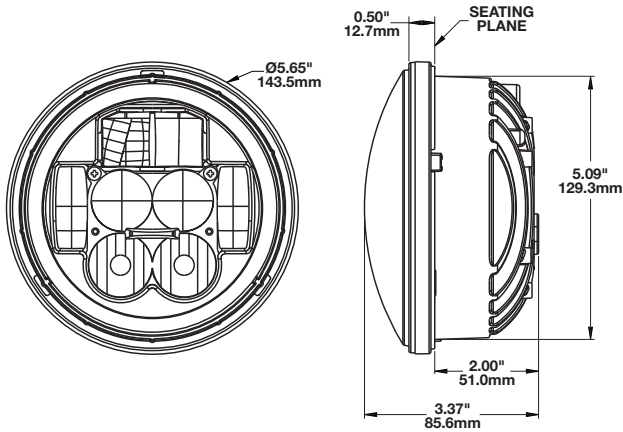
5¾" ROUND HEADLIGHT INSERT

Low Beam | High Beam | Park | DRL

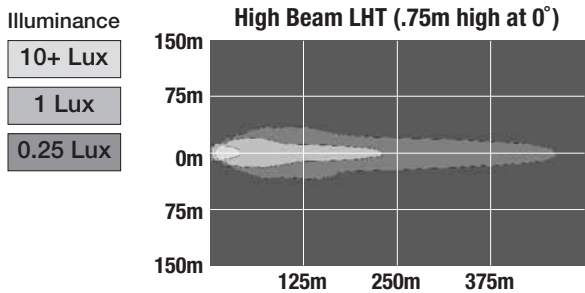
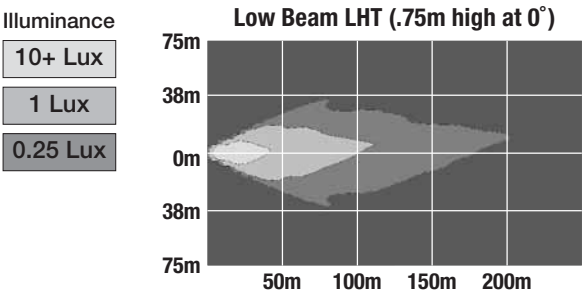
PART NO:
0549921

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 2,925 (High); 2,025 (Low) Effective: 1,000 (High); 630 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	3.50A @ 12V DC (High Beam)
Bezel:	Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	PAR46 sealed beams or 5¾" round headlights
Connector:	Integral Connector in Housing simulating Delphi 12124107
Wiring:	8630 Black Wire: Ground White Wire: High Beam Yellow Wire: Low Beam Red Wire: Park (Front Position) Purple Wire: Daytime Running Light 8631 & 8632 - Next Page Orange / White Wire: Turn (Indicator)
Standards:	Sealed to IP67 ECE Reg 7, 87 & 112
Weight:	840 grams (8630 & 8631) 1.1kg per light (8632)
Pack Qty:	Single (8630 & 8631) Twin (8632)
Product Accessories:	Mounting Ring Kits (Page 85)



EFFECTIVE LUMENS ISOLUX CHARTS



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MODEL 8631 EVO

8630 WITH TURN SIGNAL

Same Product Specifications

PART NO:
0551641

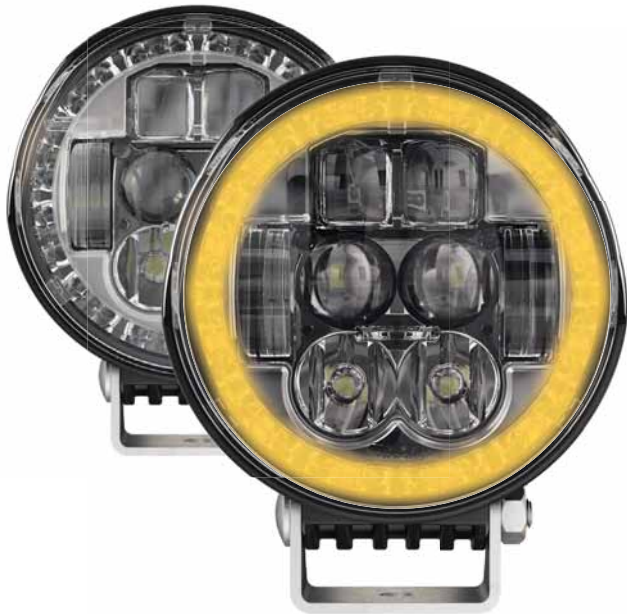


MODEL 8632 EVO

8630 WITH PEDESTAL MOUNT & TURN SIGNAL - TWIN PACK

Same Product Specifications

PART NO:
0551973



MODEL 6130 EVO

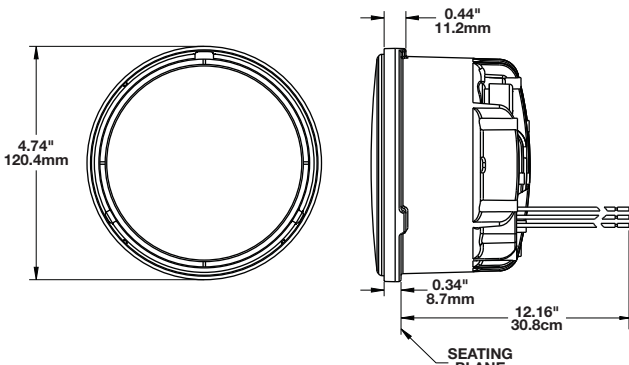
4¾" ROUND HEADLIGHT INSERTS

(Low Beam | DRL) & (High Beam | Park)

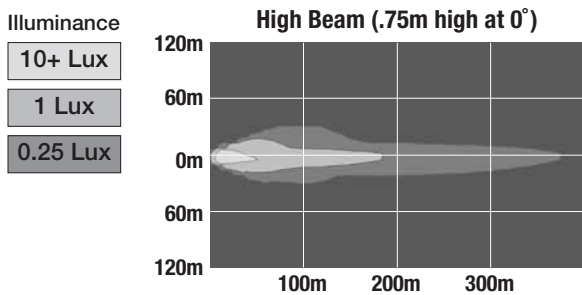
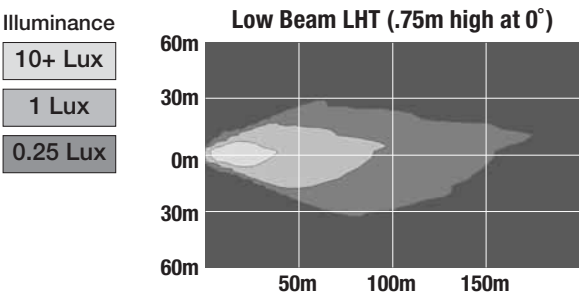
PART NO:	BEAM:
0549861	Low & DRL
0549871	High & Park

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1,760 (High); 1,690 (Low) Effective: 955 (High); 640 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	0549861 - 2.07A @ 12V DC (Low Beam) 0549871 - 1.84A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	PAR38 sealed beams
Connector:	12" Flying Leads
Wiring:	Black Wire: Ground White Wire: Low & High Beam Yellow Wire: DRL & Park (Front Position)
Standards:	Sealed to IP67 ECE Reg 112 ECE Reg 7 (High) ECE Reg 87(Low)
Weight:	700 grams
Pack Qty:	Single
Product Accessories:	Mounting Ring Kit (Page 85)



EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 6130 EVO

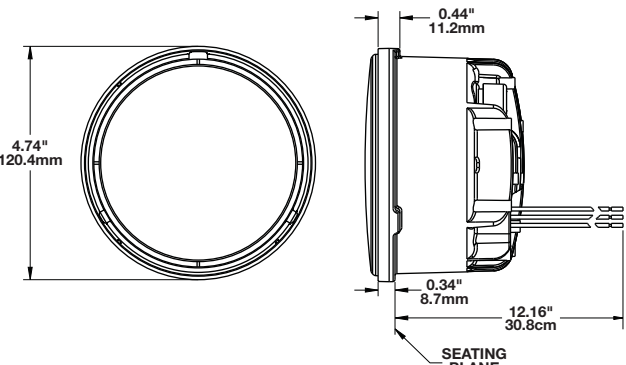
4¾" ROUND HEADLIGHT INSERT

Low Beam | High Beam | Park

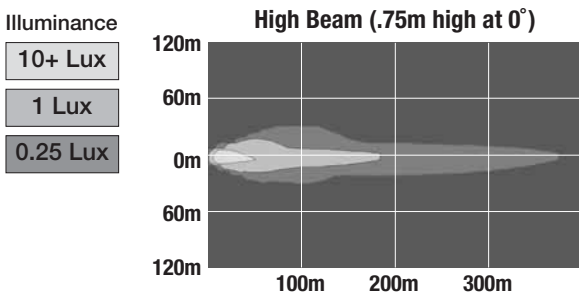
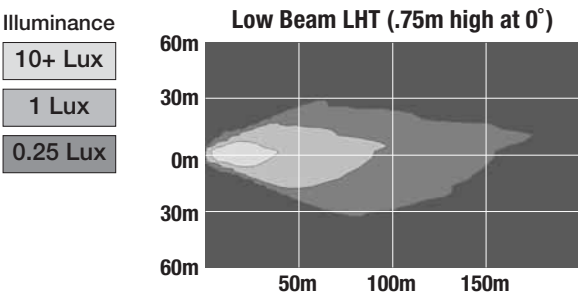
PART NO:
0549891

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 2,230 (High); 1,330 (Low) Effective: 840 (High); 440 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	3.00A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	PAR38 sealed beams
Connector:	12" Flying Leads
Wiring:	Black Wire: Ground White Wire: High Beam Yellow Wire: Low Beam Red Wire: Park (Front Position)
Standards:	Sealed to IP67 ECE Reg 7 & 112
Weight:	700 grams
Pack Qty:	Single
Product Accessories:	Mounting Ring Kit (Page 85)



EFFECTIVE LUMENS ISOLUX CHARTS



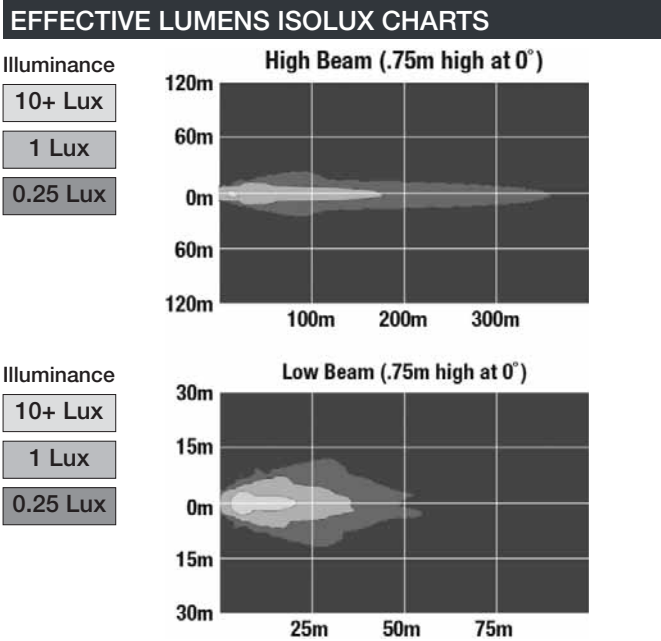
MODEL 8415 EVO

4½" ROUND ATV / UTV HEADLIGHT INSERT

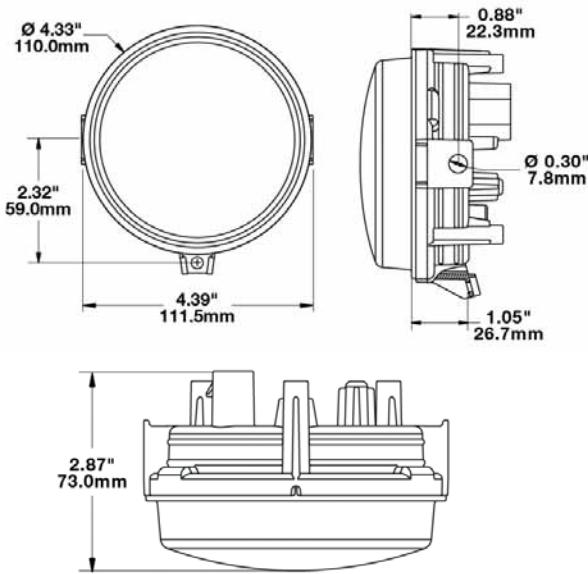
Low Beam | High Beam

PART NO:
0552031

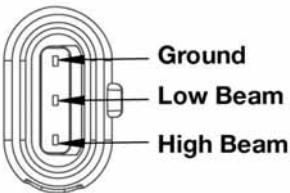
PRODUCT SPECIFICATIONS	
Colour Temp:	White 5000K
Lumen Output:	Raw: 1,075 (High); 430 (Low) Effective: 720 (High); 240 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	1.14A @ 12V DC (High Beam)
Bezel:	Clear
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	4½" Adjustable Mount
Connector:	Packard 12110293 (See diagram below)
Wiring:	Not Supplied
Standards:	Sealed to IP67 ECE Reg 113 Class C UL Recognised SAEJ1623 & SAEJ2258 ASABE S608
Weight:	230 grams
Pack Qty:	Single



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CONNECTOR DIAGRAM / INFORMATION



Mating Connector:
Packard #12110293



LOW BEAM



HIGH BEAM



MODEL 97

100mm ROUND HEADLIGHT INSERT

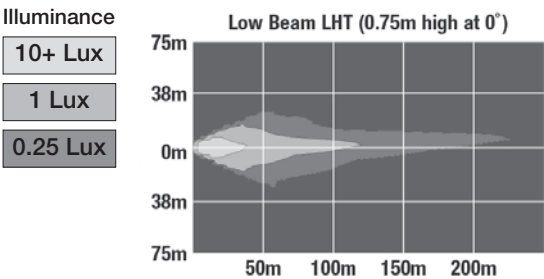
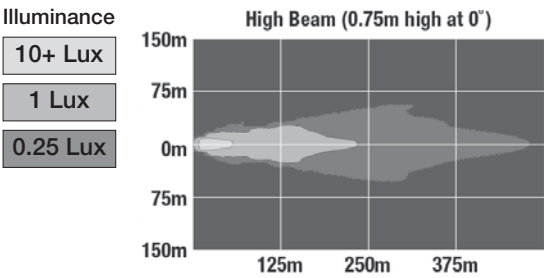
Low Beam | High Beam | Park

PART NO:
0554911

PRODUCT SPECIFICATIONS

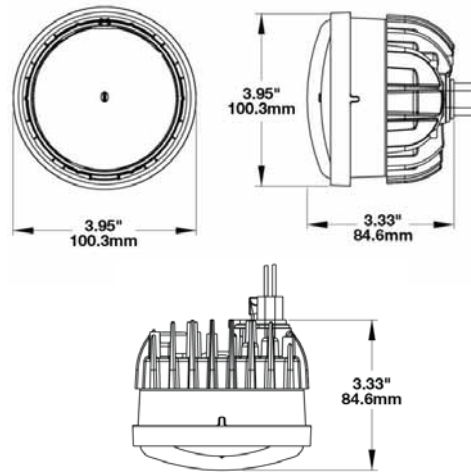
Colour Temp:	White 5000K
Lumen Output:	Raw: 1,800 (High); 1,600 (Low) Effective: 497 (High); 321 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	1.8A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	3 point flush mount or pedestal
Connector:	Deutsch DT04-4P
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Red Wire: Front Position
Standards:	Sealed to IP69K ECE Reg 7, 10 & 112
Weight:	840 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



97 Mounting Options

Part No.	Description	Pack Qty
8001511	3-Point Mount for 3mm Mounting Frame	Single
8001521	Single Pedestal Mount Kit	Single



ADR
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MODEL 93

90mm ROUND HEADLIGHT INSERTS

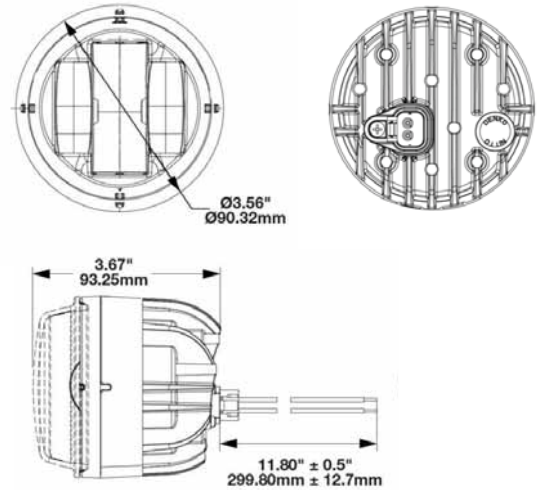
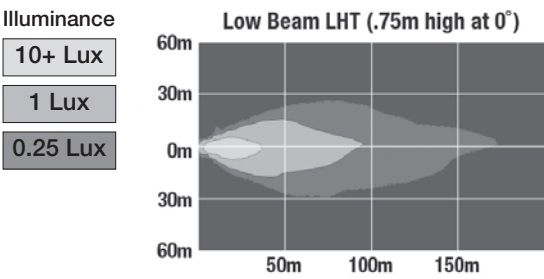
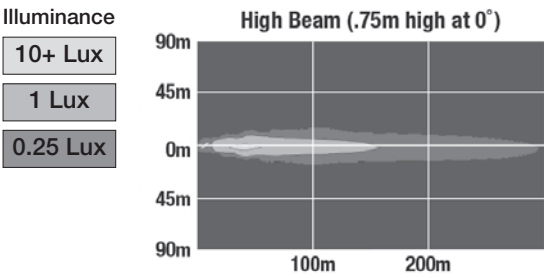
(Low Beam) & (High Beam | Park)

PART NO: BEAM:
0553091 Low
0554381 High & Park

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 630 (High); 1,910 (Low) Effective: 230 (High); 575 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	1.97A @ 12V DC (Low Beam) 0.80A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Hard-Coated Polycarbonate
Body Material:	Aluminium
Mounting:	3 point flush mount or pedestal
Connector:	Deutsch DT04-4P
Wiring:	Red Wire: Positive Black Wire: Negative White Wire: Park (Front Position)
Standards:	Sealed to IP69K ECE Reg 112 ECE Reg 7 (0554381) FMVSS 108 Table XVIII (0554381)
Weight:	450 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



93 Mounting Options

Part No.	Description	Pack Qty
8001601	Single Lamp Pedestal Mount Bracket	Single
8001621	Double Lamp Pedestal Mount Bracket	Single
8001461	3-Point Mount for 1.5mm Thick Frame	Single
8001471	3-Point Mount for 3mm Thick Frame	Single

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MODEL 93 - NEW 5 IN 1

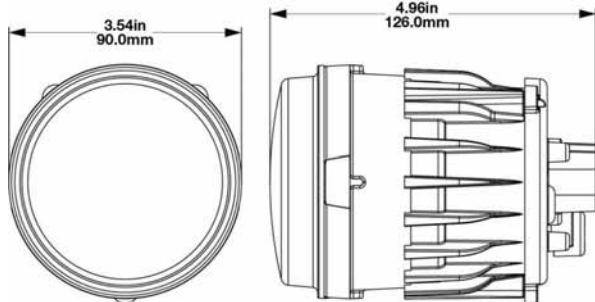
90mm ROUND HEADLIGHT INSERT

Low Beam | High Beam | Turn | Park | DRL

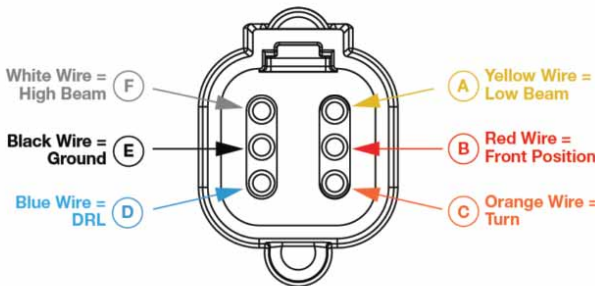
PART NO:
0560381

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1,827 (High); 1,325 (Low) Effective: 683 (High); 495 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	1.96A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Hard-Coated Polycarbonate
Body Material:	Aluminium
Mounting:	3 point flush mount or pedestal
Connector:	Deutsch DT06-6S
Wiring:	Not supplied - See below for pin out diagram & wiring information
Standards:	Sealed to IP67 & IP69K ECE Reg 148 - A, 148 - 1b, 148 - RL, 149 - R, 149 - HC, 149 - R & 10
Weight:	540 grams
Pack Qty:	Single



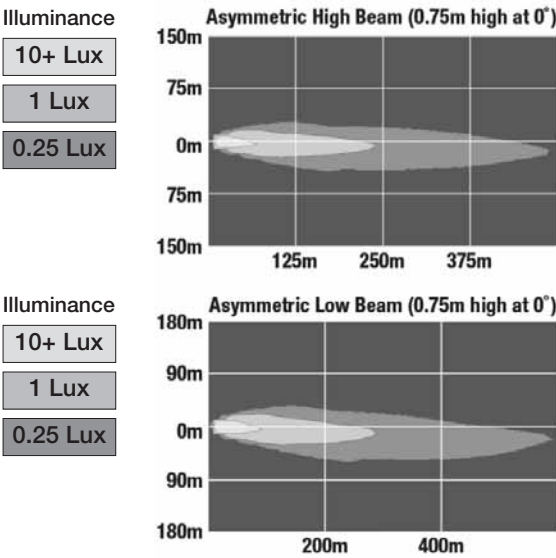
Pin Out Diagram & Wiring Information



93 Mounting Options

Part No.	Description	Pack Qty
8001601	Single Lamp Pedestal Mount Bracket	Single
8001621	Double Lamp Pedestal Mount Bracket	Single
8001461	3-Point Mount for 1.5mm Thick Frame	Single
8001471	3-Point Mount for 3mm Thick Frame	Single

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 93

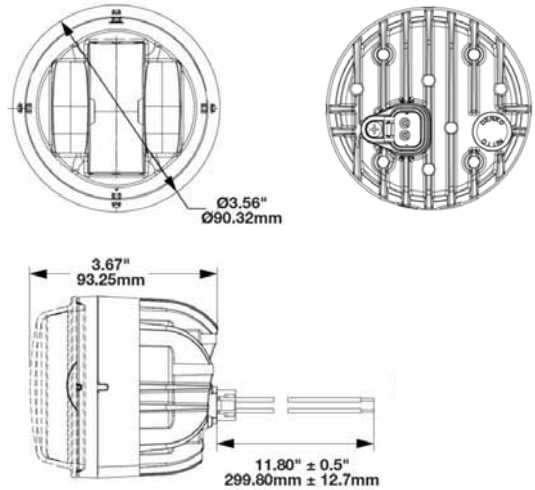
90mm ROUND HEADLIGHT INSERTS

(Turn | DRL | Park) & (Fog Beam)

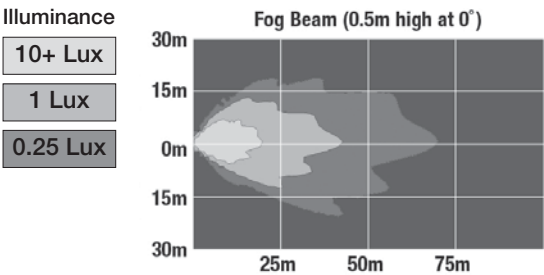
PART NO: BEAM:
0347941 Turn, DRL & Park
0556701 Fog

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1,435 (Fog) Effective: 607 (Fog)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	0347941 - 1.18A @ 12V DC (Turn Signal) 0556701 - 1.25A @ 12V DC (Fog)
Bezel:	N/A
Lens Material:	Hard-Coated Polycarbonate
Body Material:	Aluminium
Mounting:	3 point flush mount or pedestal
Connector:	Deutsch DT04-4P
Wiring:	0347941 Red Wire: DRL Black Wire: Ground Yellow Wire: Turn White Wire: Park 0556701 Red Wire: Position Black Wire: Ground
Standards:	Sealed to IP69K 0347941 ECE Reg 6.01 ECE Reg 87 ECE Reg 7 SAE J2087 & 588 0556701 ECE Reg 19.04 SAEJ583
Weight:	450 grams
Pack Qty:	Single



EFFECTIVE LUMENS ISOLUX CHARTS



93 Mounting Options

Part No.	Description	Pack Qty
8001601	Single Lamp Pedestal Mount Bracket	Single
8001621	Double Lamp Pedestal Mount Bracket	Single
8001461	3-Point Mount for 1.5mm Thick Frame	Single
8001471	3-Point Mount for 3mm Thick Frame	Single



MODEL 8800 EVO 2

4" x 6" RECTANGLE HEADLIGHT INSERTS

(Low Beam) & (High Beam)

Low Beam

PART NO:	BEZEL:
0552561	Black
0551391	Chrome

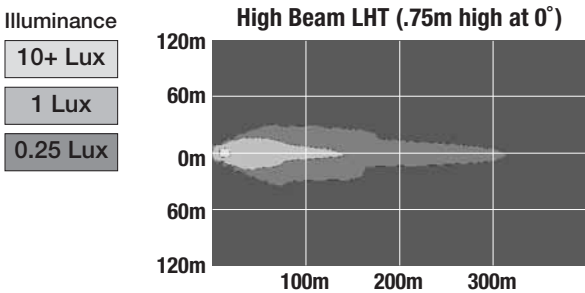
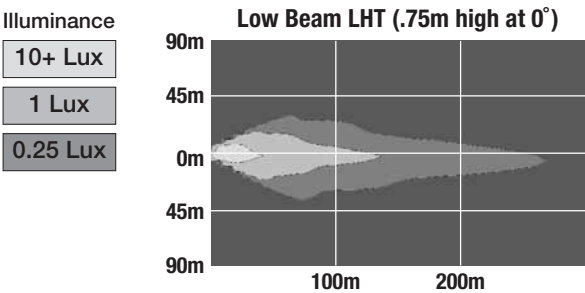
High Beam

PART NO:	BEZEL:
0552571	Black
0551381	Chrome

PRODUCT SPECIFICATIONS

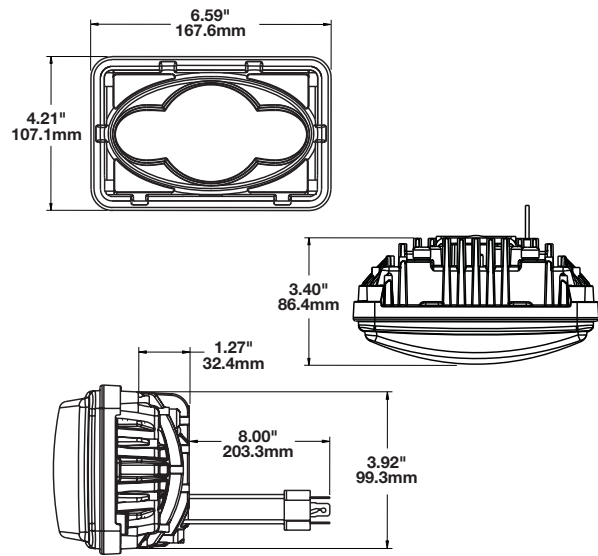
Colour Temp:	White 5000K
Lumen Output:	Raw: 3,000 (Low); Effective: 890 (High); 740 (Low)
Input Voltage:	12V - 24V DC
Current Draw:	2.10A @ 12V DC 1.00A @ 24V DC
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	1A1 and 2A1 (4" x 6") sealed beams
Connector:	H4 Connector - AMP (#172615-2)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 ECE Reg 112 FMVSS 108 Table XIX (Low Beam) FMVSS 108 Table XVIII (High Beam)
Weight:	830 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



8800 EVO2 Mounting Options

Part No.	Description	Pack Qty
3156600	Right Hand Dual Headlight Assembly	Single
3156680	Left Hand Dual Headlight Assembly	Single



MODEL 8820

4" x 6" RECTANGLE HEADLIGHT INSERT

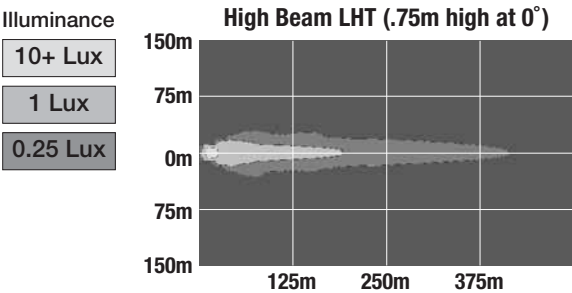
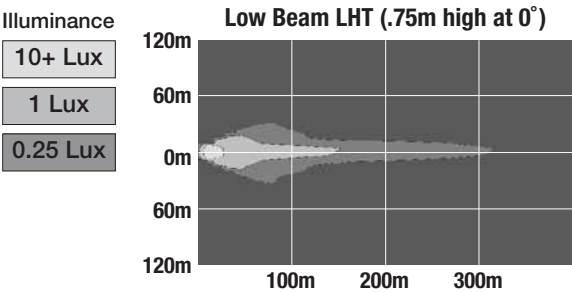
Low Beam | High Beam | Park

PART NO:
0550281

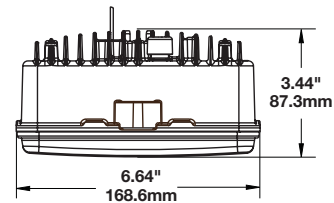
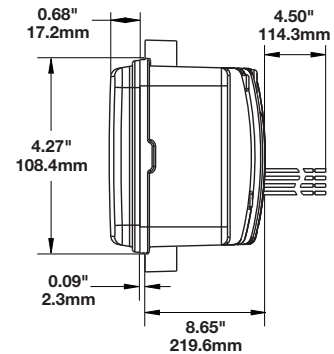
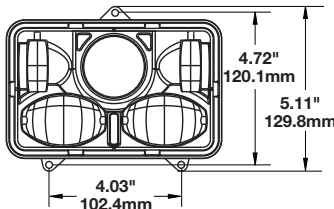
PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 2,100 (High); 1,850 (Low) Effective: 755 (High); 645 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	2.14A @ 12V DC (High Beam)
Bezel:	Black
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	3-Point Mount
Connector:	12" Flying Leads
Wiring:	Black Wire: Ground White Wire: High Beam Yellow Wire: Low Beam Red Wire: Park (Front Position)
Standards:	Sealed to IP67 ECE Reg 7 & 112 Military Standard: MIL-PRF-32243
Weight:	1.13kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



Note: This headlight insert does **NOT** fit conventional 4 x 6" headlight buckets



MODEL 8900 EVO 2

5" x 7" RECTANGLE HEADLIGHT INSERTS

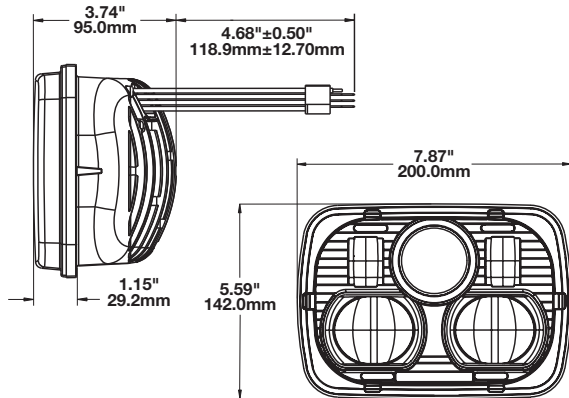
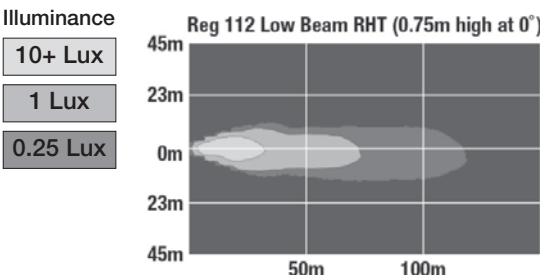
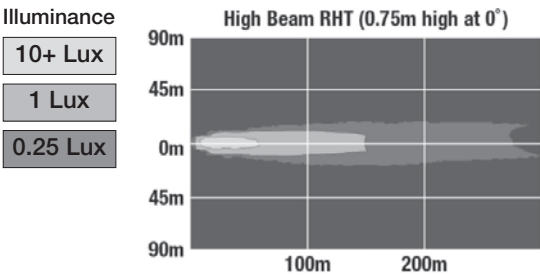
Low Beam | High Beam | Park

PART NO:	BEAM:
0554451	Black
0554431	Chrome

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 2,640 (High); 2,250 (Low) Effective: 1,200 (High); 975 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	1.94A @ 12V DC (High Beam)
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	2B1 5" x 7" headlights
Connector:	H4
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Red Wire: Park (Front Position)
Standards:	Sealed to IP69K ECE Reg 7, 10 & 112
Weight:	1.19kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



8900 EVO 2 Mounting Options

Part No.	Description	Pack Qty
3157041	8900 - Single Bucket Mounting Assembly	Single

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MODEL 9900LP

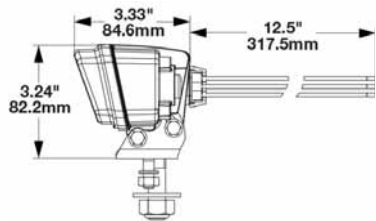
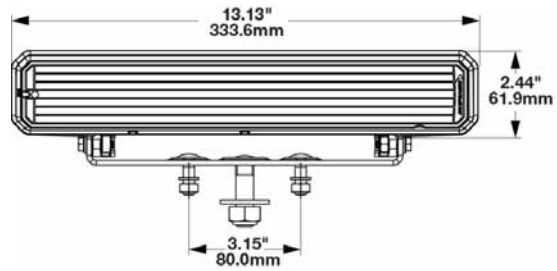
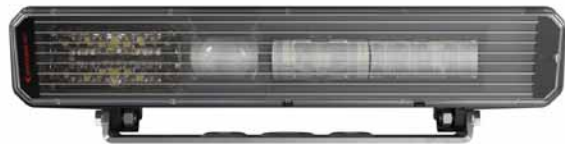
3¼" x 13" SNOW PLOW HEADLIGHTS

Low Beam | High Beam | Turn | Park | DRL
WITH HEATED LENS

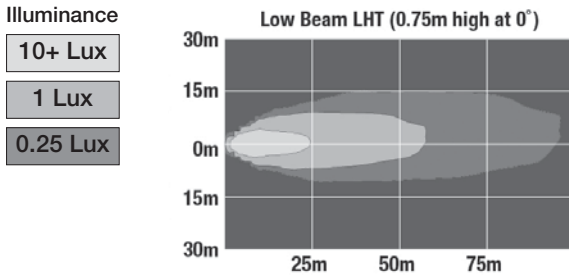
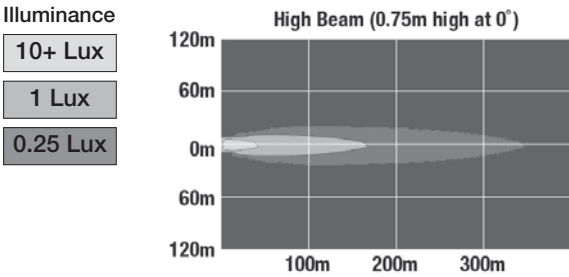
PART NO:
0556383

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 4,300 (High); 2,370 (Low) Effective: 1,060 (High); 587 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	5.00A @ 12V DC
Bezel:	Black
Lens Material:	Polycarbonate with SmartHeat technology
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount
Connector:	6-Pin Delphi (#12052848)
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Red Wire: Park (Front Position) Blue Wire: Daytime Running Light Orange: Turn
Standards:	Sealed to IP67 ECE Reg 10 (Radiated Emissions Only) ECE Reg 6, 7, 87 & 112
Weight:	1.26kg per light
Pack Qty:	Twin (Left & Right)



EFFECTIVE LUMENS ISOLUX CHARTS



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Worklights

J.W. Speaker are the world leaders in LED worklight solutions for the mining, agriculture, industrial and transport industries.

The technology delivers specialised solutions to countries such as Canada, Germany, England, Chile, South Africa, Indonesia, New Zealand and Australia.

J.W. Speaker also engineers advanced LED lighting solutions for the world's leading Original Equipment Manufacturers where the world's highest quality standards are demanded.



Transport



Agricultural



Mining

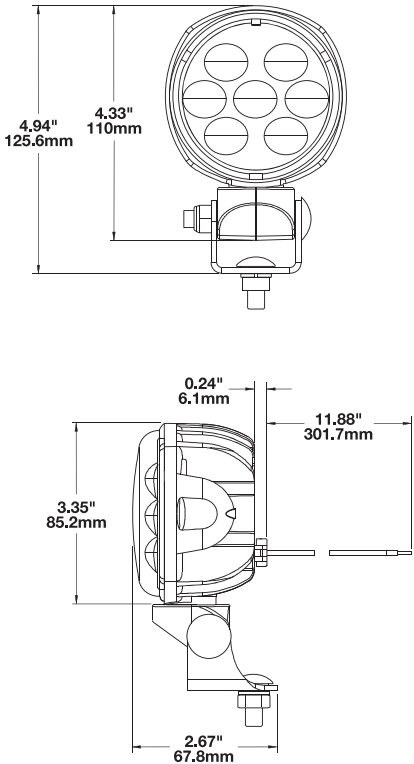
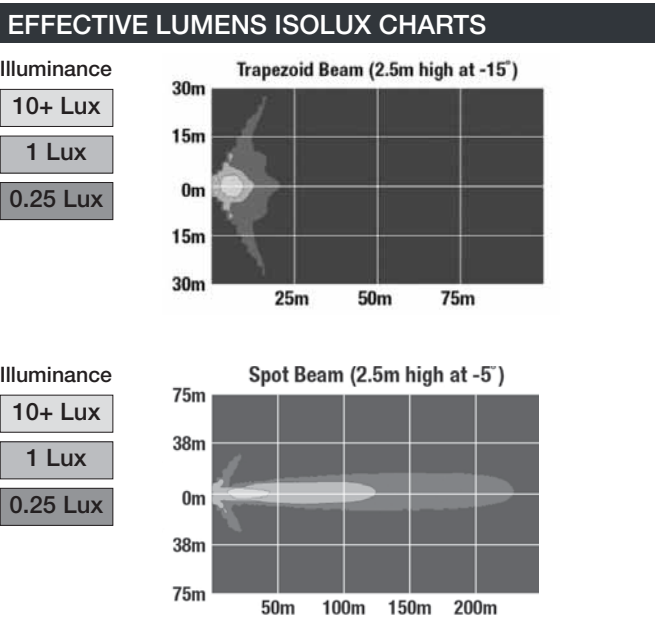


MODEL 4415

3½" ROUND WORKLIGHTS

PART NO:	BEAM:
0554451	Trap
0554431	Spot

PRODUCT SPECIFICATIONS	
Colour Temp:	White 5000K
Lumen Output:	Raw: 2,450 Effective: 1,350
Input Voltage:	12V - 24V DC
Current Draw:	2.20A @ 12V DC 1.10A @ 24V DC
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal w/ swivel bracket
Connector:	Packard# 12084167
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67
Weight:	410 grams (0554451 & 0554431) 450 grams per light (0551753)
Pack Qty:	Single (0554451 & 0554431) Twin (Left & Right - 0551753)



WITH SIDE VIEW MIRROR MOUNT

PART NO:	BEAM:
0551753	Spot

The Model 4415 with side view mirror mount is a compact & lightweight LED work light set.

Designed specifically for truck or heavy vehicle side mirrors, the pre-installed shrouds provide glare protection for the drivers when looking rearward through their mirrors.



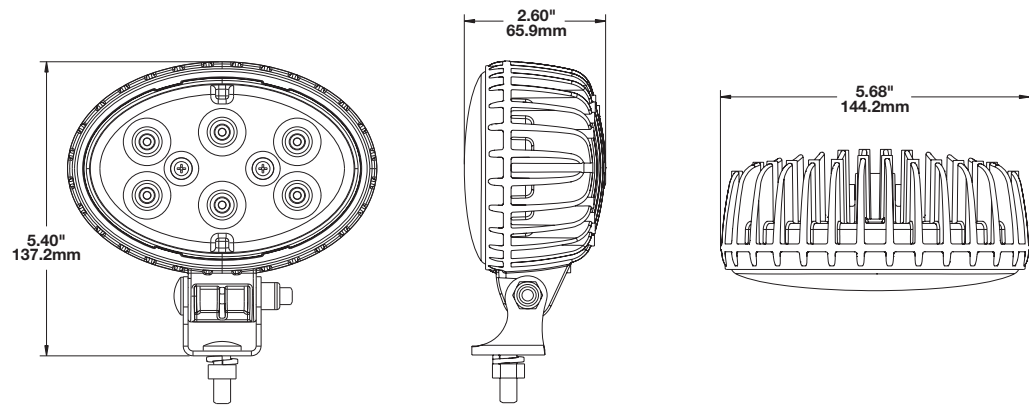
MODEL 735

5" x 3" OVAL WORKLIGHTS

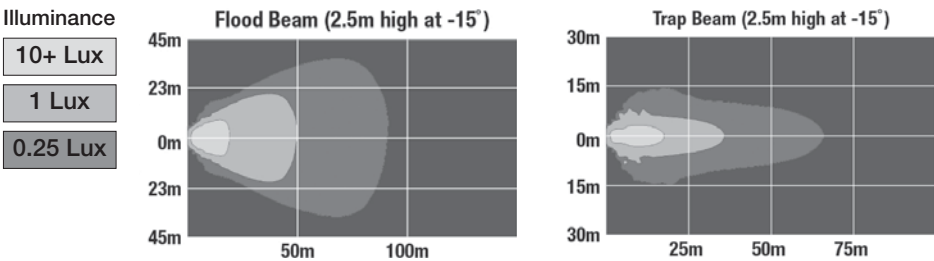
PART NO:	BEAM:
1706581	Trap
1706591	Flood

PRODUCT SPECIFICATIONS

Colour Temp:	White 5700K
Lumen Output:	Raw: 3,900 Effective: 2,600
Input Voltage:	12V - 24V DC
Current Draw:	3.50A @ 12V DC 1.75A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount (x1) 5/16"-18 x 0.58" Mounting Bolt
Connector:	Deutsch DT04-2P & Deutsch DT06-2S
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K
Weight:	700 grams
Pack Qty:	Single



EFFECTIVE LUMENS ISOLUX CHARTS



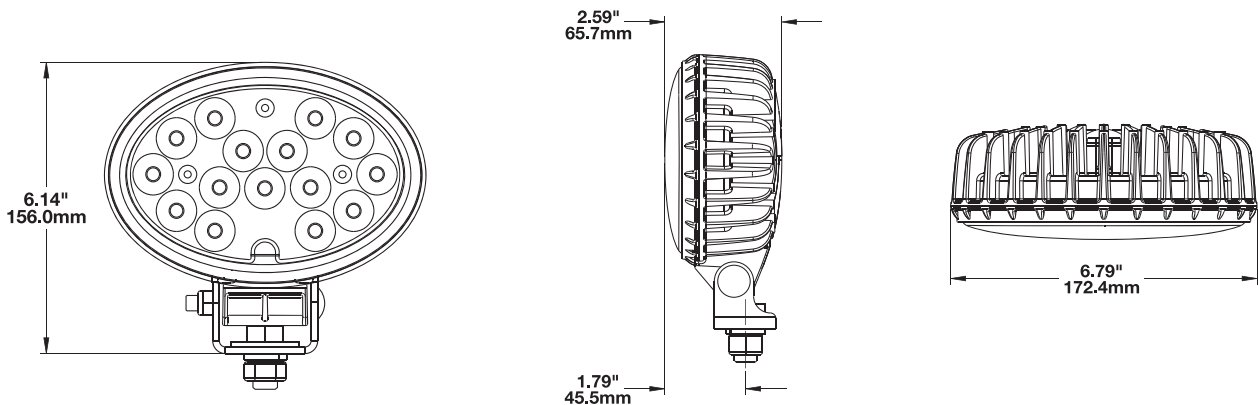
MODEL 7150

7" x 5" OVAL WORKLIGHTS

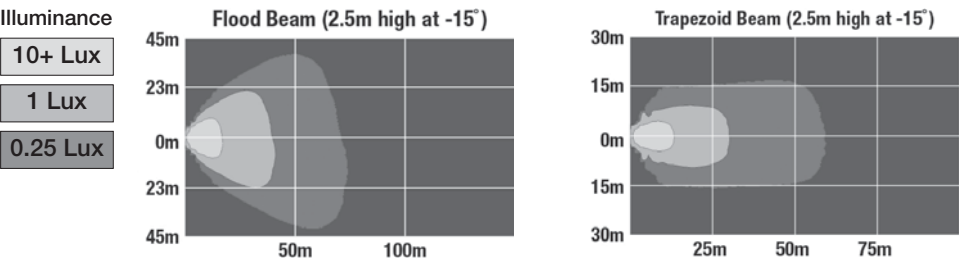
PART NO:	BEAM:
1801571	Trap
1801581	Flood

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 5,400 Effective: 4,500
Input Voltage:	12V - 24V DC
Current Draw:	5.50A @ 12V DC 3.20A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount (x1) 1/2"-13 x 1" Mounting Bolt
Connector:	Deutsch DT04-2P & Deutsch DT06-2S
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K SAE J1113-13 CISPR 12 & 22
Weight:	950 grams
Pack Qty:	Single



EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 792

4" x 3" RECTANGLE WORKLIGHTS

12V - 24V

PART NO:	BEAM:
1603921	Pedestal
1603951	Panel

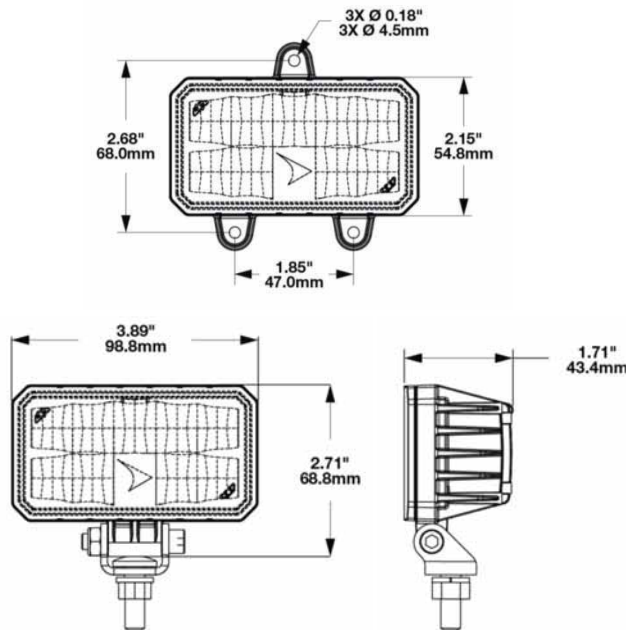
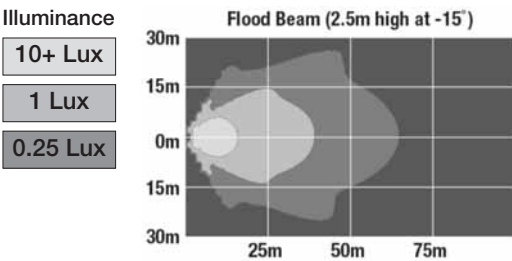
36V - 90V

PART NO:	BEAM:
1603931	Pedestal

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K	
Lumen Output:	Raw: 3,630	Effective: 2,000
Input Voltage:	12V - 24V or 36V - 90V DC	
Maximum	12V - 24V	36V - 90V
Current Draw:	2.2A @ 12V DC	0.75A @ 36V DC
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Panel or Pedestal with (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket	
Connector:	JAE Connector MX19A003S51 harness included with flying leads	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP67 & IP69K	
Weight:	180 grams	
Pack Qty:	Single	

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 892

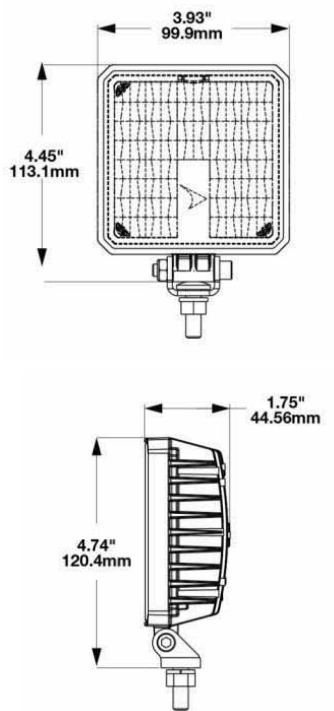
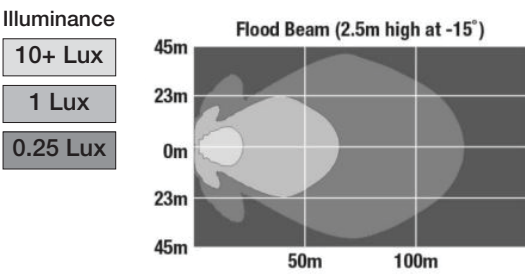
4" x 4" RECTANGLE WORKLIGHT

PART NO:
1603961

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K
Lumen Output:	Raw: 6,372 Effective: 3,800
Input Voltage:	12V - 24V DC
Current Draw:	4.38A @ 12V DC 1.84A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket
Connector:	Deutsch DT06-2S-E003
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 & IP69K ECE Reg 10
Weight:	410 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 893

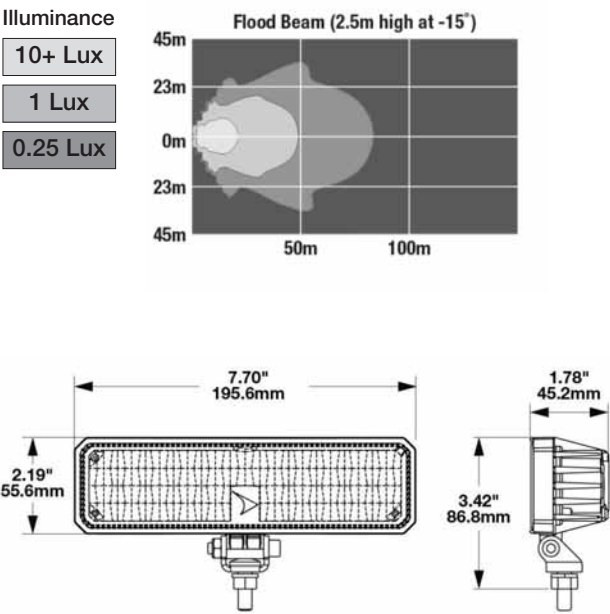
8" x 3" RECTANGLE WORKLIGHT

PART NO:
1300671

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K
Lumen Output:	Raw: 7,120 Effective: 3,700
Input Voltage:	12V - 24V DC
Current Draw:	4.5A @ 12V DC 1.8A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal with (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket
Connector:	Deutsch DT06-2S-E003
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 & IP69K
Weight:	460 grams
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHART



MODEL 526

6" x 6" SQUARE WORKLIGHTS - 24V ONLY

White 5700K Colour

PART NO: BEAM:
1300581 Flood
1300591 Trap
1300601 Anti-Glare

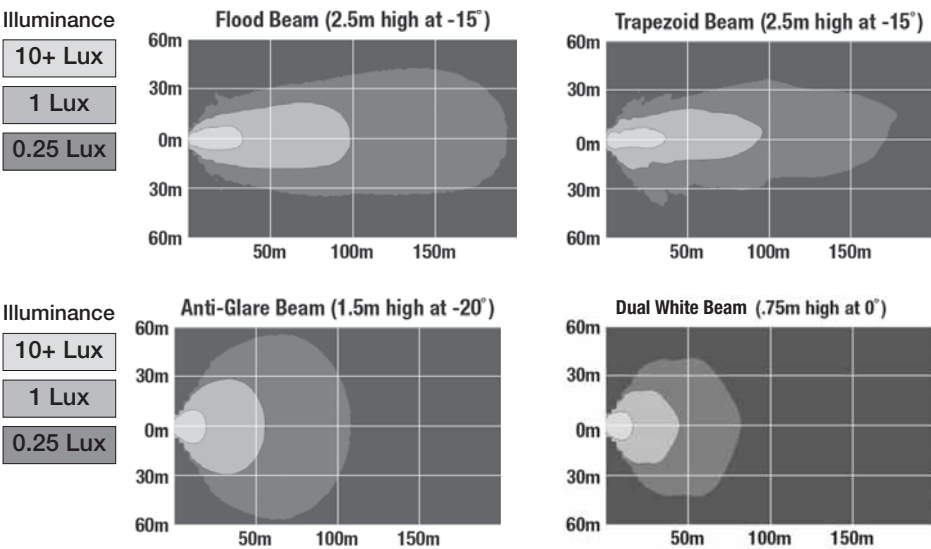
Dual White 3500K / 5700K Colour

PART NO: BEAM:
1300641 Anti-Glare

PRODUCT SPECIFICATIONS

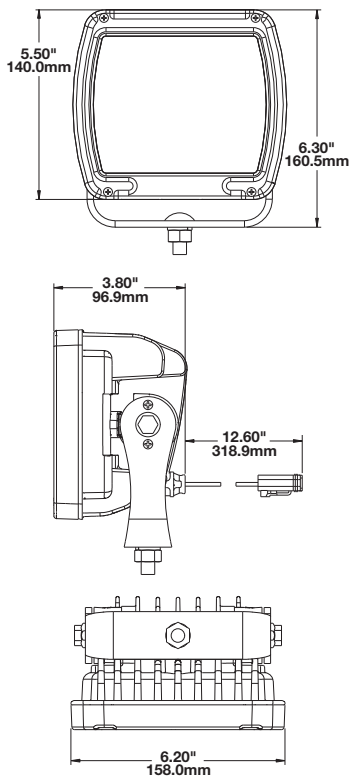
Colour Temp:	White 5700K
Lumen Output:	Raw: 9,000 Effective: 5,800
Input Voltage:	24V DC
Current Draw:	5.00A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal with (x1) M10-1.5 x 25 Mounting Bolt
Connector:	iCONN Connector - iMATE23
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K
Weight:	2.09kg
Pack Qty:	Single

EFFECTIVE LUMENS ISOLUX CHARTS



PRODUCT SPECIFICATIONS - 1300641

Colour Temp:	Dual White 3500K / 5700K
Lumen Output:	Raw: (Warm) 7,500 (Cool) 9,900 Effective: (Warm) 3,390 (Cool) 3,464
Current Draw:	3.25A @ 24V DC
Wiring:	White Wire: Cool White (5700K) Black Wire: Negative Green Wire: Warm White (3500K)



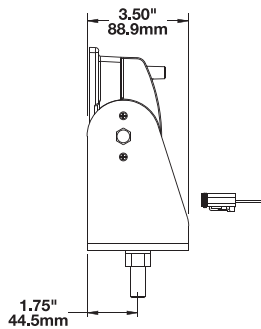
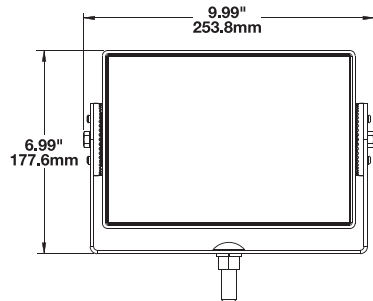
MODEL 523

9" × 8" RECTANGLE WORKLIGHTS

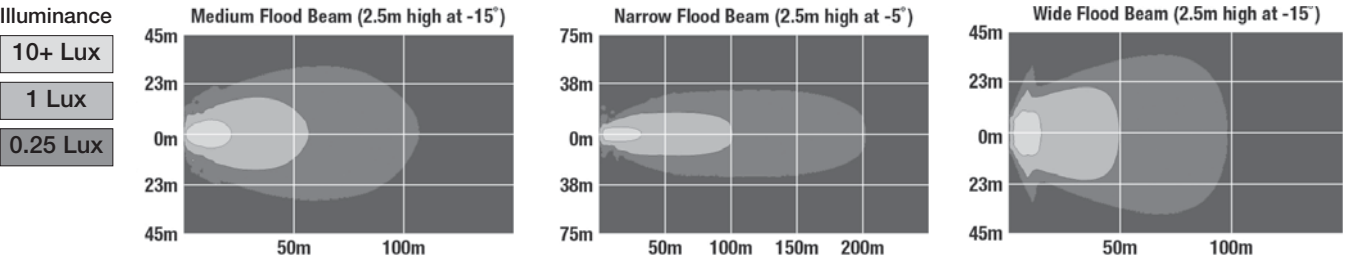
PART NO:	BEAM:
0551431	Medium Flood
0551441	Narrow Flood
0551451	Wide Flood

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 8,100 Effective: 3,900
Input Voltage:	12V - 24V DC
Current Draw:	6.70A @ 12V DC 3.70A @ 24V DC
Lens Material:	Glass
Body Material:	Aluminium
Mounting:	Pedestal with (x1) 1/2"-Mounting Bolt
Connector:	Integrated 2-Pin Deutsch Socket (DT04-2P)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67
Weight:	3.05kg
Pack Qty:	Single



EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 623

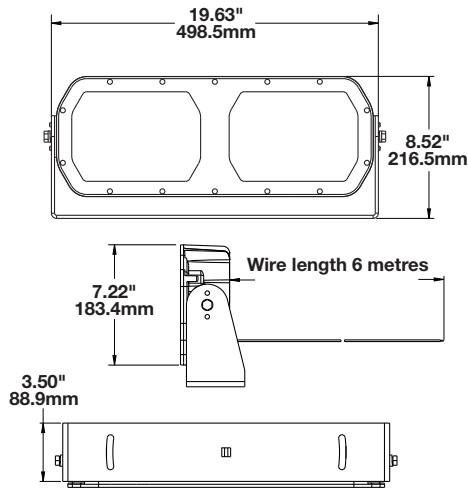
20" × 9" RECTANGLE WORKLIGHTS



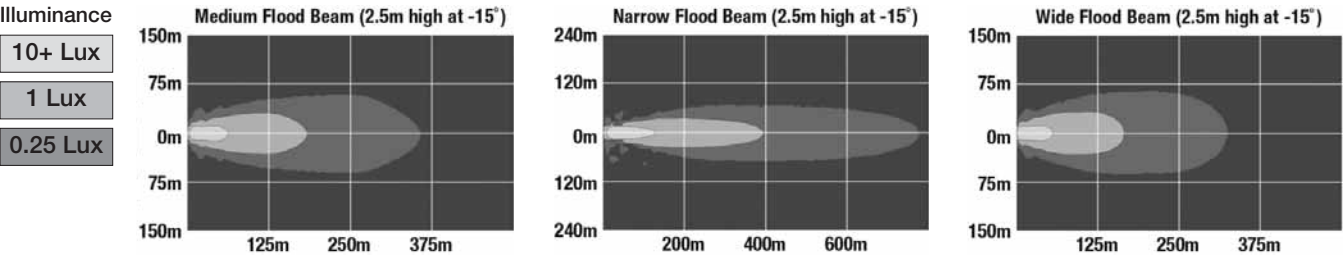
PRODUCT SPECIFICATIONS

Colour Temp:	White 5700K
Lumen Output:	Raw: 40,000 Effective: 20,000
Input Voltage:	16V - 60V DC
Current Draw:	10.00A @ 24V DC 5.00A @ 48V DC
Lens Material:	Glass
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount
Connector:	Wire Harness: SJ000W 6m Harness
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K
Weight:	8.16kg
Pack Qty:	Single

PART NO:	BEAM:
0546681	Medium Flood
0546671	Narrow Flood
0546691	Wide Flood



EFFECTIVE LUMENS ISOLUX CHARTS





Emergency

J.W. Speaker is a worldwide supplier of quality emergency lighting to heavy duty markets such as mine sites, transport, agricultural and emergency services. The company is a world leader in achieving record levels of light output from LED technology and manufacturing light housings that protect the technology in the adverse conditions they operate under.

As specialists in heavy duty emergency lighting, J.W. Speaker has a comprehensive range of LED strobes, work lights and scene lights to suit every application.

J.W. Speaker emergency lighting are specifically designed to meet the stringent regulations in light output, sealing, EMI, vibration and construction. As with all J.W. Speaker products, the emergency range is designed and manufactured in the USA ensuring complete control over the on going quality management and engineering development.



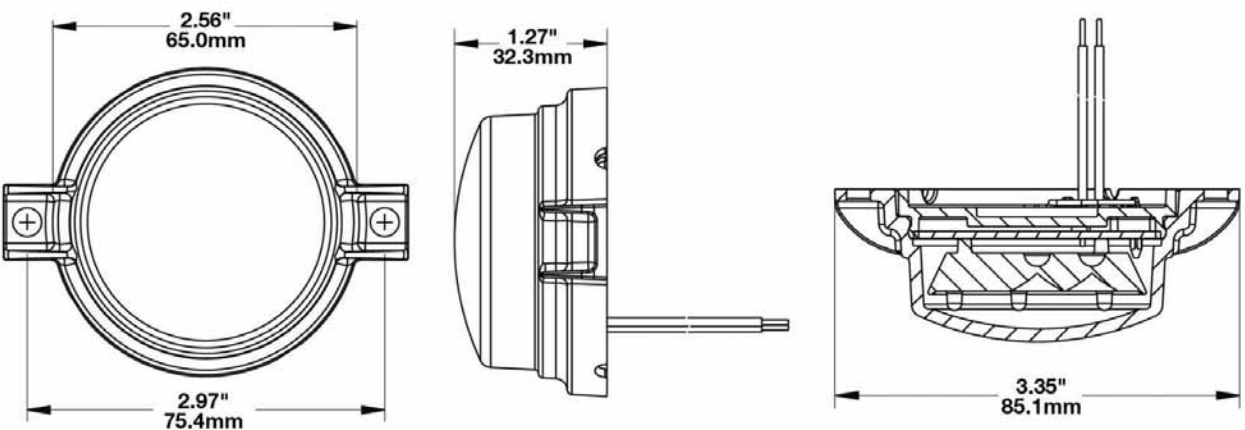
MODEL 146

65mm AMBER WARNING LIGHT

PART NO:
0646321

PRODUCT SPECIFICATIONS

Colour Temp:	Amber
Input Voltage:	12V - 48V DC
Current Draw:	0.100A @ 12V DC 0.050A @ 24V DC 0.035A @ 36V DC 0.030A @ 48V DC
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Low Profile - Two Point Mount
Connector:	6" Leads
Wiring:	Red Wire: Positive Black Wire: Negative
Modes:	1: Warning Flashing
Standards:	Sealed to IP67
Weight:	110 grams
Pack Qty:	Single



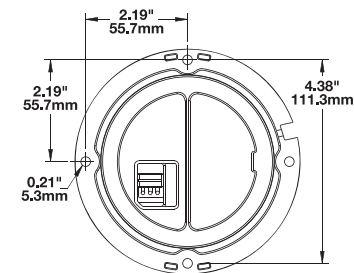
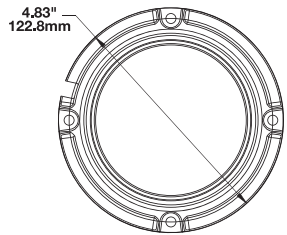
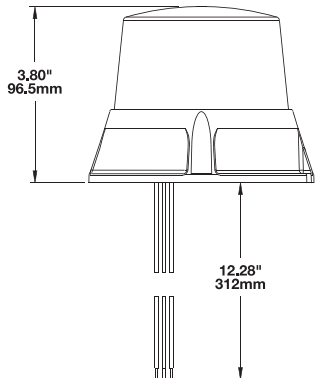
MODEL 406

5" ROUND STROBE LIGHTS - CLASS 2

PART NO:	COLOUR:
0646501	Amber
0646531	Blue
0646541	Red

PRODUCT SPECIFICATIONS

Colour Temp:	Amber, Blue & Red
Candela Output:	280
Input Voltage:	12V - 80V DC
Current Draw:	0.345A @ 12V DC 0.225A @ 24V DC 0.163A @ 36V DC 0.131A @ 48V DC 0.100A @ 72V DC
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Four Point Mount with (x4) #8-16 x 3/4 Screw or Pole Mount (8200213)
Connector:	12" Leads
Wiring:	Red Wire: Positive Black Wire: Negative Yellow Wire: Mode Change
Modes:	1: Beacon 2: Quadruple 480 3: Fast 540 4: Double 240 5: Burst 300 6: Steady Flash 60
Standards:	Sealed to IP69K SAEJ845 ECE Reg 10
Weight:	590 grams
Pack Qty:	Single



406 & 407
Pole Mount Accessory



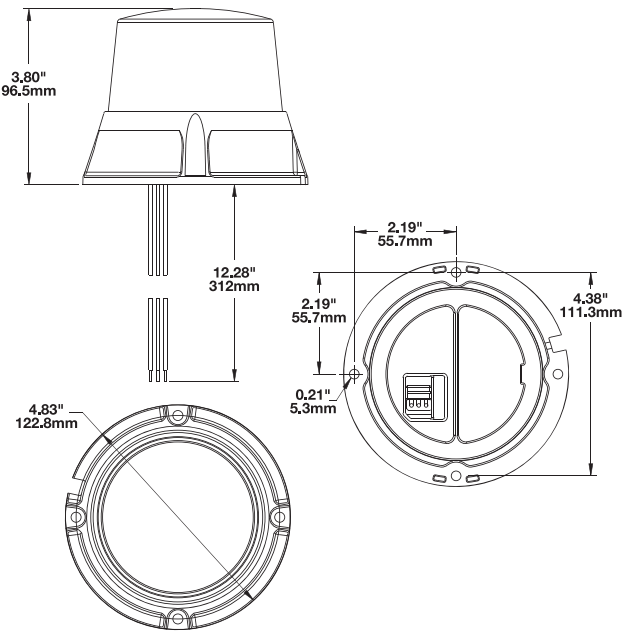
MODEL 407

5" ROUND STROBE LIGHTS - CLASS 1

PART NO:	COLOUR:
0646491	Amber
0646551	Blue
0646561	Red
0646571	Green

PRODUCT SPECIFICATIONS

Colour Temp:	Amber, Blue, Red & Green
Candela Output:	560
Input Voltage:	12V - 80V DC
Current Draw:	0.915A @ 12V DC 0.500A @ 24V DC 0.340A @ 36V DC 0.265A @ 48V DC 0.190A @ 72V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Four Point Mount with (x4) #8-16 x 3/4 Screw or Pole Mount (8200213)
Connector:	12" Leads
Wiring:	Red Wire: Positive Black Wire: Negative Yellow Wire: Mode Change
Modes:	1: Beacon 2: Quadruple 480 3: Fast 540 4: Double 240 5: Burst 300 6: Steady Flash 60
Standards:	Sealed to IP69K SAEJ845 ECE Reg 10 & 65
Weight:	880 grams
Pack Qty:	Single



406 & 407
Pole Mount Accessory



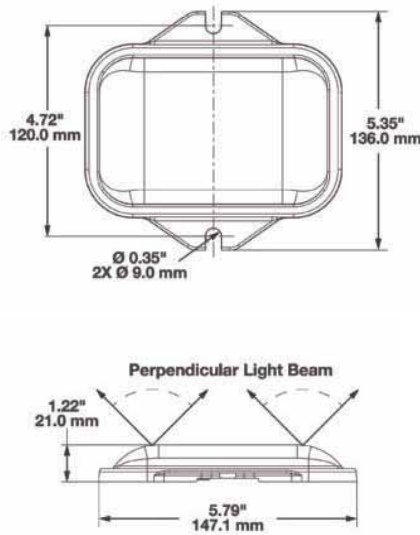
MODEL 210

147mm x 136mm
SOLAR FLASHER & WARNING LIGHTS

PART NO:	COLOUR:
0647031	Amber
0647041	Red

PRODUCT SPECIFICATIONS

Colour Temp:	Amber or Red
Candela Output:	11
Battery Run:	120 hours
Battery Charge:	6 hours
Lens Material:	Acrylic
Body Material:	Polycarbonate
Standards:	Sealed to IP69K
Weight:	180 grams
Pack Qty:	Single



210 Mounting Options

Part No.	Description	Pack Qty
8200491	210 Clickbond Mounting Kit M8-15mm	Single

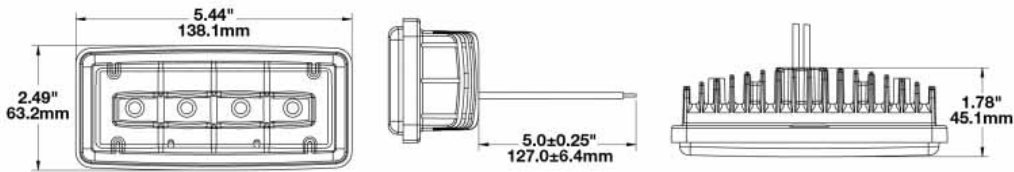
MODEL 6048

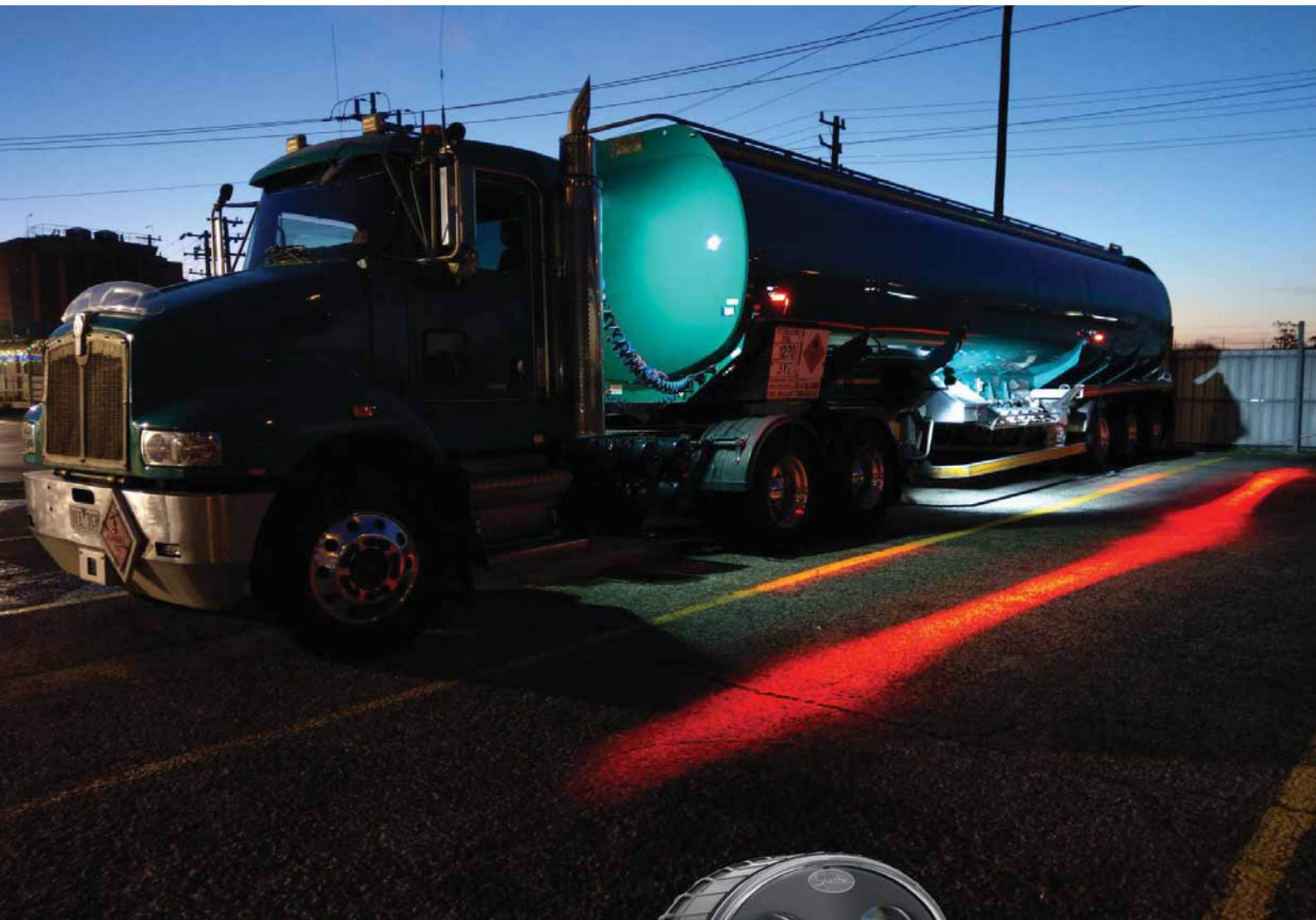
5" x 2" AUXILIARY WARNING LIGHT
4 COLOUR - RED | BLUE | AMBER | GREEN

PART NO:
0647101

PRODUCT SPECIFICATIONS

Colour Temp:	Red, Blue, Amber & Green
Input Voltage:	12V - 24V DC
Current Draw:	0.60A @ 12V DC 0.30A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount
Connector:	3" Cable with Integrated Connector
Wiring / Modes:	Black Wire: Negative / Ground Red Wire: Red Mode Blue Wire: Blue Mode Yellow Wire: Amber Mode Green Wire: Green Mode White Wire: Blue Mode
Standards:	Sealed to IP69K
Weight:	270 grams
Pack Qty:	Single





Zone Lighting

J.W. Speaker have taken Warning and Emergency lighting to a whole new level with the design and development of the Zone Warning Lamp ranges. These unique products create a clearly defined no go zone in red light or blue around a vehicle or machinery. At the flick of a switch, a Red Zone Warning Lamp instantly illuminates an entire area in powerful red light to clearly indicate the exclusion or warning zone. For larger areas, multiple units can be combined to create one large beam pattern making the product extremely versatile for any application.

J.W. Speaker understand the requirements of the heavy duty market, so have designed their Zone Warning Lamps bright enough to be visible in daylight making it ideal for use 24 hours a day. It's extremely important that vehicles and machinery have clearly marked no go zones even during the day, something no other product has been able to achieve.

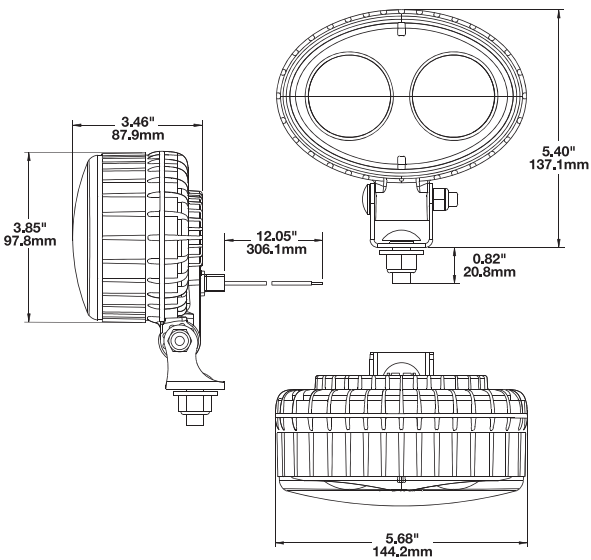
MODEL 770

5" x 3" OVAL SAFETY ZONE LIGHTS

Sharp Spot Beam Pattern

PART NO:	COLOUR:
1706441	Red
1706311	Blue

PRODUCT SPECIFICATIONS		
Colour Temp:	Red or Blue	
Input Voltage:	12V - 110V	
Maximum	1706441 - Red	1706311 - Blue
Current Draw:	0.19A @ 12V DC	0.50A @ 12V DC
Lens Material:	Polycarbonate	
Body Material:	Polycarbonate	
Mounting:	Universal Pedestal Mount (x1) M10-1.5 x 25mm Bolt	
Connector:	Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP69K SAEJ1455 Tested to ECE Reg 10 (Radiated Emissions Only)	
Weight:	590 grams	
Pack Qty:	Single	



MODEL 4415

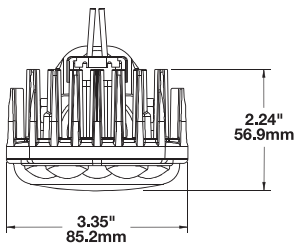
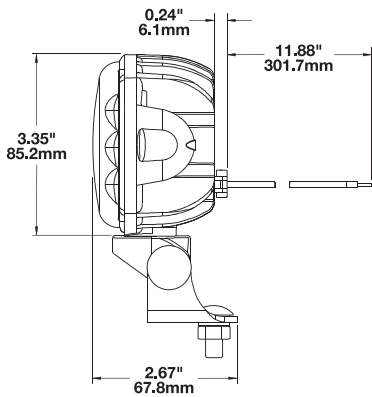
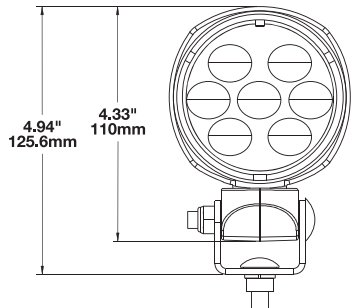
3½" ROUND SAFETY ZONE LIGHTS

Sharp Spot Beam Pattern

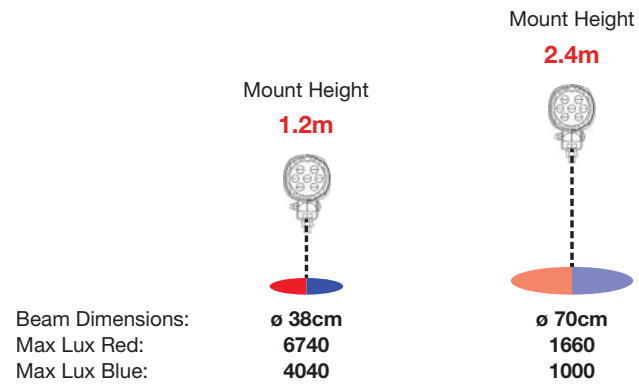
PART NO:	COLOUR:
0552981	Red
0552991	Blue

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue
Candela Output:	9,920
Input Voltage:	12V - 110V DC
Current Draw:	1.910A @ 12V DC 0.810A @ 24V DC 0.405A @ 48V DC 0.180A @ 110V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal w/ swivel bracket (x1) M8-20 x 1.25 Mounting Bolt Black ZP
Connector:	Packard# 12084167
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67
Weight:	410 grams
Pack Qty:	Single



MOUNTING HEIGHT & BEAM PERFORMANCE



Additional application example: Agricultural boom spray light



MODEL 793

6" x 2" RECTANGLE SAFETY ZONE LIGHTS

12V - 36V

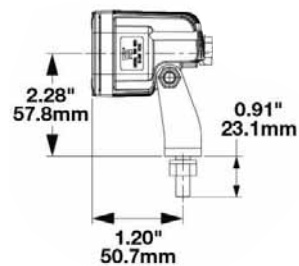
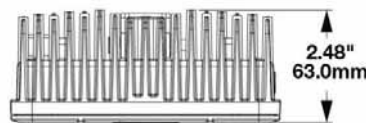
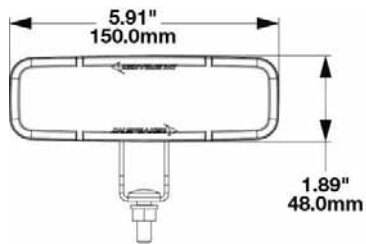
PART NO:	COLOUR:
1603761	Red
1603771	Blue
1603781	Amber

48V - 110V

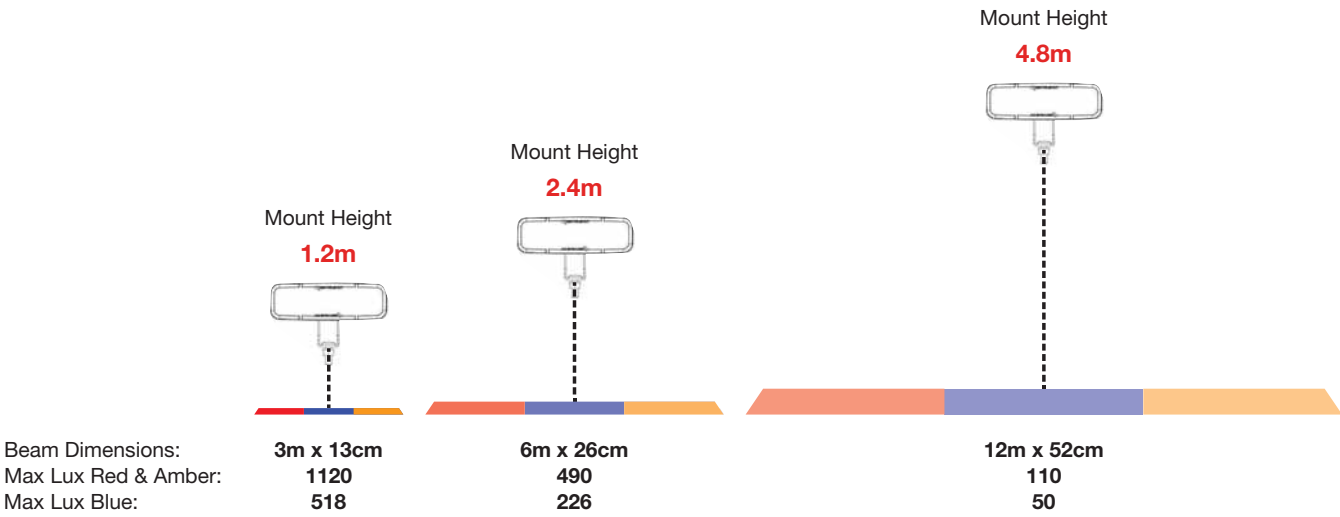
PART NO:	COLOUR:
1603871	Red
1603881	Blue
1603891	Amber

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue	
Lumen Output:	Raw: 496 Effective: 110	
Input Voltage:	12V - 36V or 48V - 110V	
Maximum	12V - 36V	48V - 110V
Current Draw:	1.6A @ 12V DC	0.35A @ 48V DC
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Long Pedestal Bracket (x2) 5/16-18 x 1.00" Mounting Bolt	
Connector:	Deutsch DT04-2P & Deutsch DT06-2S (Harness included with flying leads)	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP69K, UL Recognised & Tested to ECE Reg. 10 (Radiated Emissions Only)	
Weight:	390 grams	
Pack Qty:	Single	



MOUNTING HEIGHT & BEAM PERFORMANCE



MODEL 529

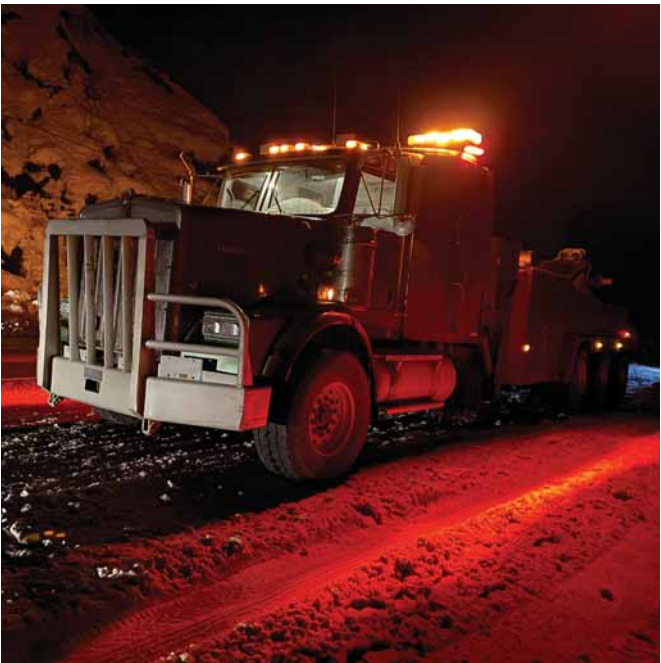
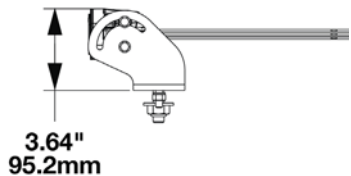
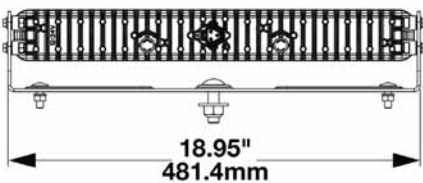
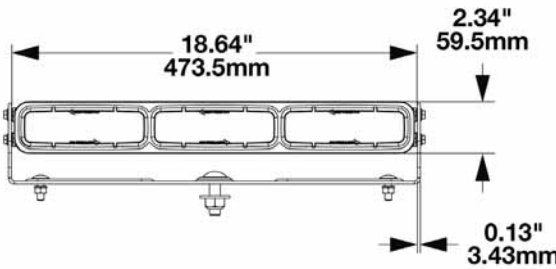
19" x 21½" RECTANGLE SAFETY ZONE LIGHTS



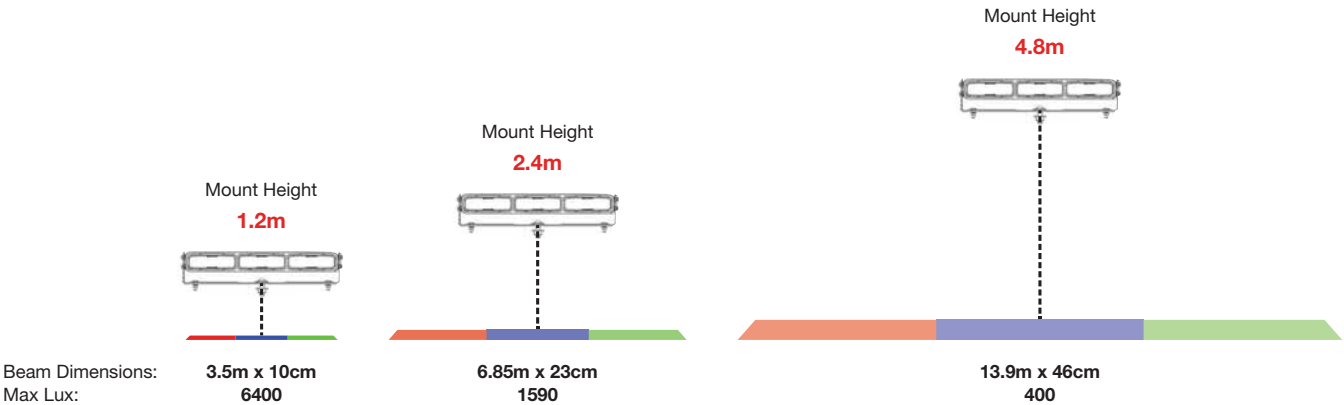
PRODUCT SPECIFICATIONS

Colour Temp:	Red, Blue or Green	
Lumen Output:	Raw: 3,350 Effective: 886	
Candela Output:	8,530	
Input Voltage:	12V - 24V DC	
Maximum Current Draw:	Red 3.7A @ 12V DC	Blue 3.9A @ 12V DC
	Green 3.3A @ 12V DC	
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Universal Pedestal Mount (x1) M8-1.25 x 25mm SS Carriage Bolt	
Connector:	3-pin Deutsch (DT04-3P)	
Wiring:	Yellow Wire: Continuous On White Wire: Flash On (connected to Ground) Black Wire: Ground	
Standards:	Sealed to IP69K	
Weight:	1.29kg	
Pack Qty:	Single	

PART NO:	COLOUR:
1300561	Red
1300651	Blue
1300681	Green



MOUNTING HEIGHT & BEAM PERFORMANCE



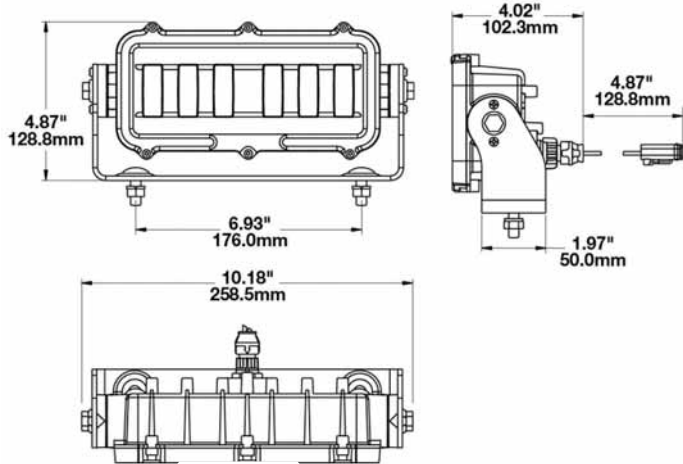
MODEL 527

10" x 5" RECTANGLE SAFETY ZONE LIGHTS

PART NO:	COLOUR:
0549271	Red
0551271	Green
0551281	Amber
0551261	White

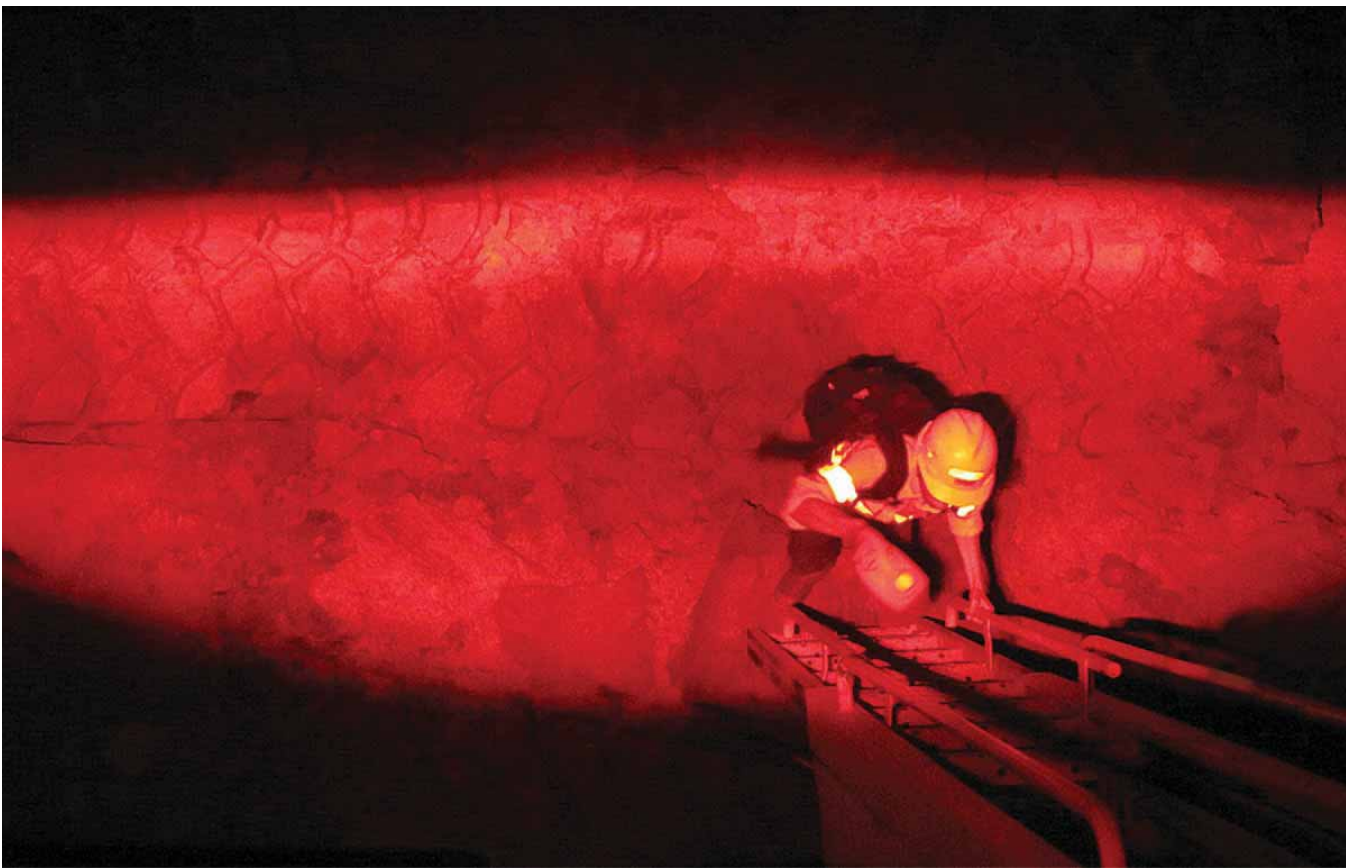
PRODUCT SPECIFICATIONS

Colour Temp:	Red, Green, Amber or White	
Lumen Output:	Red	Amber
	Raw: 720	Raw: 960
	Effective: 670	Effective: 400
	Green	White
	Raw: 1,500	Raw: 1,500
	Effective: 590	Effective: 640
Input Voltage:	12V - 24V DC	
Maximum Current Draw:	Red	
	1.6A @ 12V DC	
	Green, Amber & White	
	1.2A @ 12V DC	
Lens Material:	Glass	
Body Material:	Xenoy	
Mounting:	Universal Pedestal Mount (x2) M8-1.25 Mounting Bolt	
Connector:	Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP69K	
Weight:	1.18kg	
Pack Qty:	Single	

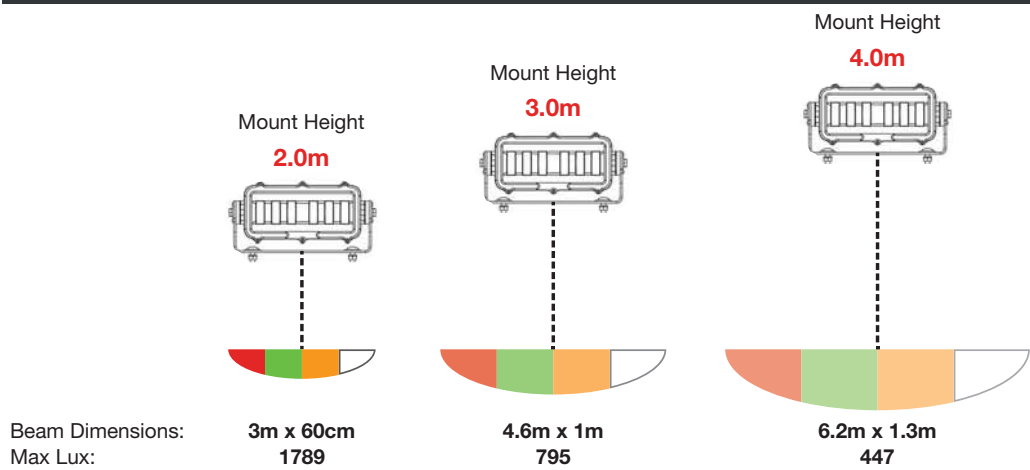


527 Product Accessories - (Page 85)

Part No.	Description	Pack Qty
8200151	527 - Protective Rock Guard Kit	Single



MOUNTING HEIGHT & BEAM PERFORMANCE



MODEL 777 GEN 2

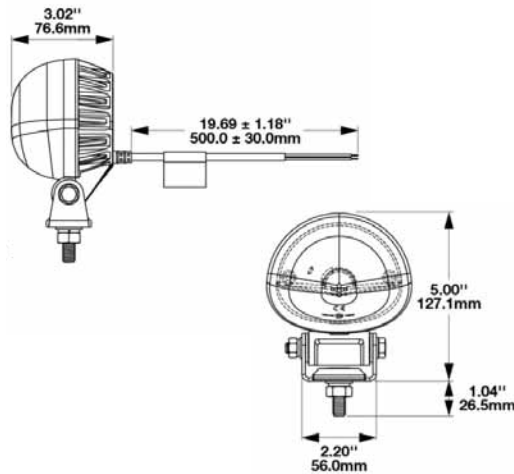
4" ROUND SAFETY ZONE LIGHTS

Arc Beam Pattern

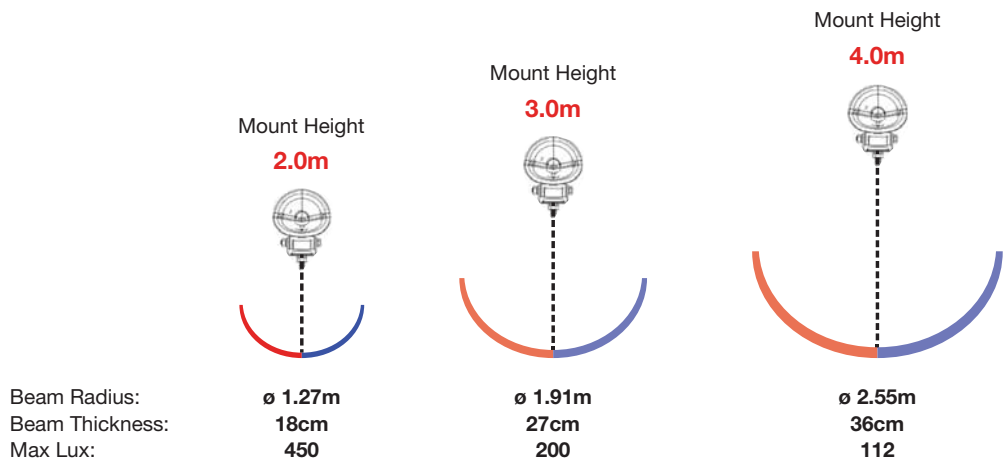
PART NO:	COLOUR:
1403601	Red
1403611	Blue

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue
Candela Output:	3,200
Input Voltage:	12V - 72V DC
Maximum Current Draw:	Red 1.08A @ 12V DC Blue 1.09A @ 12V DC
Lens Material:	Polycarbonate
Body Material:	Die-Cast Aluminium
Mounting:	Universal Pedestal Mount M10-30mm M10 Stainless Steel Bolt
Connector:	19.5" Bare Leads (tinned)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 & IP69K ECE Reg 10 (Radiated Emissions Only) CISPR 22
Weight:	680 grams
Pack Qty:	Single



MOUNTING HEIGHT & BEAM PERFORMANCE

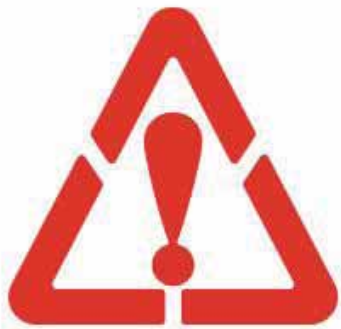


MODEL 560

6" x 4½" RECTANGLE SAFETY ZONE LIGHT

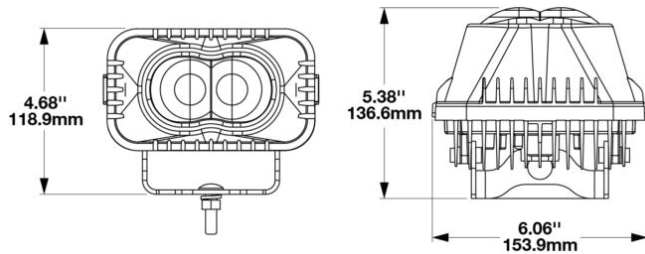
Universal Warning Beam Pattern

PART NO:	COLOUR:
1300661	Red



PRODUCT SPECIFICATIONS

Colour Temp:	Red
Input Voltage:	12V - 72V DC
Maximum Current Draw:	3.6A @ 12V DC (Steady On Mode)
Lens Material:	Acrylic
Body Material:	Aluminium
Mounting:	Adjustable Pedestal Mount with Single Carriage Bolt
Connector:	PE 12110293
Wiring:	Red Wire: Positive White Wire: Negative Black Wire: Mode Selection
Standards:	Sealed to IP69K
Weight:	670 grams
Pack Qty:	Single



Mode Selection:

Select desired mode by touching the **BLACK** wire to **RED** wire for 1-2 seconds. The light's mode will switch to next state per the below table. Once the desired state is set, the **BLACK** wire can be removed or capped off. The lamp will remain in selected mode.

Modes:

Mode 0: Outer LED: Steady On	Inner LED: Steady On
Mode 1: Outer LED: Flash 60 per min (1Hz)	Inner LED: Flash 60 per min (1Hz)
Mode 2: Outer LED: Triple flash 60 per min (1Hz),	Inner LED: Triple flash 60 per min (1Hz)
Mode 3: Outer LED: Flash 60 per min (1Hz),	Inner LED: Triple flash 60 per min (1Hz)
Mode 4: Outer LED: Flash 200 per min (2Hz),	Inner LED: Flash 200 per min (2Hz)
Mode 5: Outer LED: Flash 60 per min (1Hz),	Inner LED: Steady On



Signalling

The J.W. Speaker LED signalling lighting range is ideal of vehicles like trucks, mining vehicles and 4WDs that experience harsh conditions and long hours of use. Being the world's most innovative manufacturer of heavy duty LED lighting products, Speakers engineer's have custom designed this series of rear lighting to incorporate new technologies, making it the most advanced range on the market.

The J.W. Speaker commitment to advanced, solid-state lighting technology has enabled the range to meet the requirements of Australia's transport and mining industries.



MODEL 220

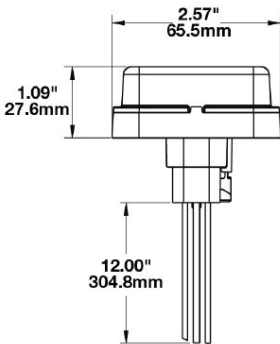
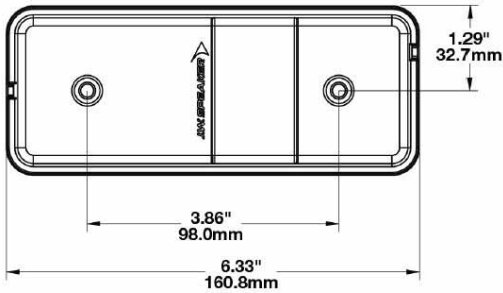
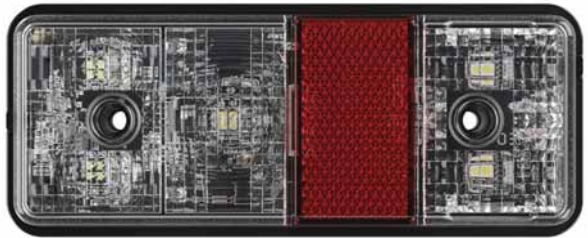
6.3" x 2.6" MULTI-FUNCTION SIGNAL LIGHT

Stop | Tail | Turn | Reverse

PART NO:
0338101

PRODUCT SPECIFICATIONS

Input Voltage:	12V - 24V DC
Current Draw:	0.16A @ 12V DC (Stop) 0.10A @ 24V DC (Stop) 0.02A @ 12V DC (Tail) 0.01A @ 24V DC (Tail) 1.42A @ 12V DC (Turn) 0.71A @ 24V DC (Turn) 0.14A @ 12V DC (Reverse) 0.07A @ 24V DC (Reverse)
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Low Profile Panel Mount
Connector:	Integral (DT04-6P) Mating (DT06-6S)
Wiring:	White Wire: Reverse Yellow Wire: Turn Black Wire: Ground Red Wire: Stop Brown Wire: Tail
Standards:	Sealed to IP67 ECE Reg 3, 6, 7 & 23
Weight:	180 grams
Pack Qty:	Single



MODEL 223

5" x 5" MULTI-FUNCTION SIGNAL LIGHTS

Park & Turn

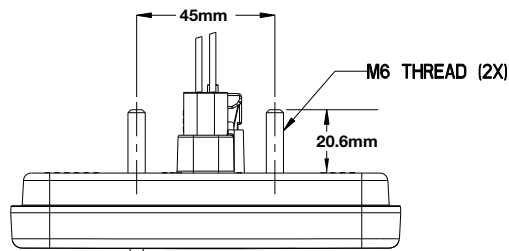
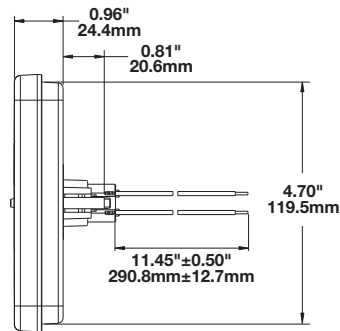
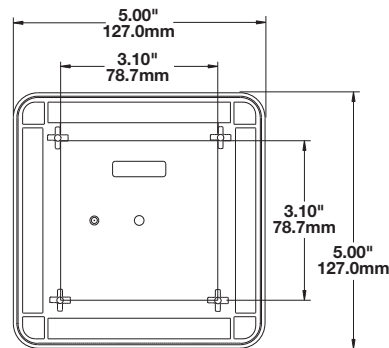
PART NO: COLOUR:
0341711 White / Amber

Stop, Tail & Turn

PART NO: COLOUR:
0341701 Red / Amber

PRODUCT SPECIFICATIONS

Input Voltage:	12V - 24V DC
Maximum	0341711 - 2.25A @ 12V DC (Turn)
Current Draw:	0341701 - 0.25A @ 12V DC
Lens Material:	Acrylic
Body Material:	ABS
Mounting:	Low Profile Mount (x2) M6-1 x 25 Mounting Bolts
Connector:	Integrated 4-Pin Deutsch Socket (DT04-4P) 4-Pin Deutsch Plug (DT06-4S)
Wiring:	0341711 White Wire: Positive Yellow Wire: Turn Black Wire: Ground 0341701 White Wire: Tail Yellow Wire: Turn Red Wire: Stop Black Wire: Ground
Standards:	Sealed to IP67 0341711 - ECE Reg 6 & 7 0341701 - ECE Reg 3, 6 & 7
Weight:	210 grams
Pack Qty:	Single



ADR
APPROVED

MODEL 224

5" x 5" SIGNAL LIGHTS

Reverse

PART NO: COLOUR:
0442611 White

Stop & Tail

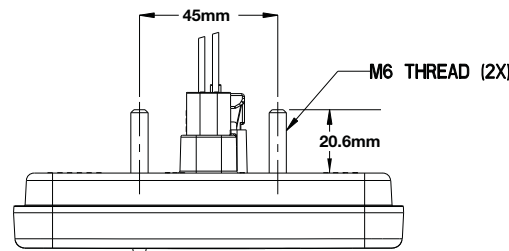
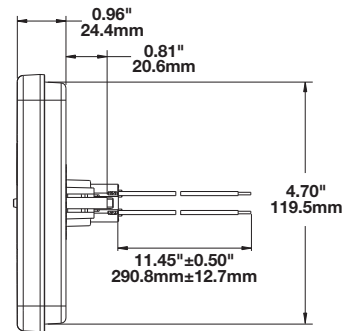
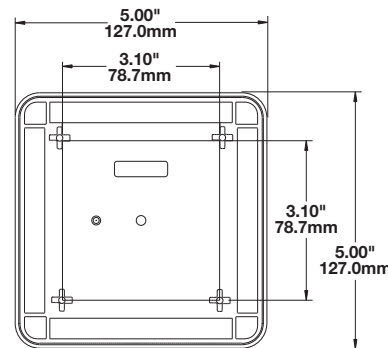
PART NO: COLOUR:
0342301 Red

Turn

PART NO: COLOUR:
0342291 Amber

PRODUCT SPECIFICATIONS

Input Voltage:	12V - 24V DC
Maximum	0442611
Current Draw:	0.145A @ 12V DC 0342301 0.190A @ 12V DC (Stop) 0342291 2.200A @ 12V DC
Lens Material:	Acrylic
Body Material:	ABS
Mounting:	Low Profile Mount (x2) M6-1 x 25 Mounting Bolts
Connector:	Integrated 4-Pin Deutsch Socket (DT04-4P) 4-Pin Deutsch Plug (DT06-4S)
Wiring:	0442611 White Wire: Backup Black Wire: Ground 0342301 White Wire: Tail Red Wire: Stop Black Wire: Ground 0342291 Yellow Wire: Turn Black Wire: Ground
Standards:	Sealed to IP67 0442611 - ECE Reg 23 0342291 - ECE Reg 6 SAEJ593 FMVSS 108 Table XII
Weight:	210 grams
Pack Qty:	Single



ADR
APPROVED

MODEL 281

9" x 2" MULTI-FUNCTION SIGNAL LIGHTS

Stop | Tail | Turn | Reverse

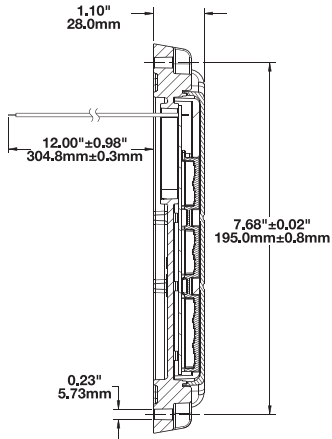
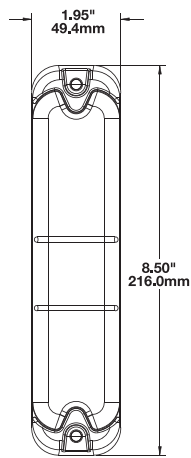
PART NO:	VOLTAGE:
0338061	12V
0338091	24V - 36V
0339011	48V

PRODUCT SPECIFICATIONS

Input Voltage:	12V, 24 - 36V & 48V DC
Maximum Current Draw:	0.40A across all products
Lens Material:	Polycarbonate
Body Material:	ABS
Mounting:	Low Profile Mount
Connector:	12" Bare Leads
Wiring:	White Wire: Reverse Yellow Wire: Turn Red Wire: Stop White/Red Wire: Tail Black Wire: Ground
Standards:	Sealed to IP67
Weight:	290 grams
Pack Qty:	Single



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MODEL 283

9" x 2" MULTI-FUNCTION SIGNAL LIGHT

Stop | Tail | Turn

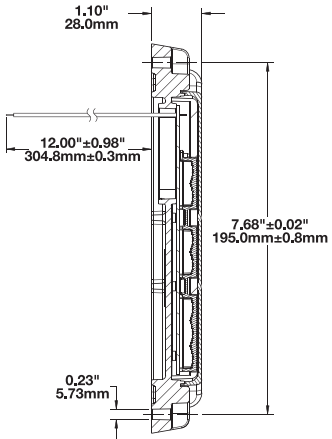
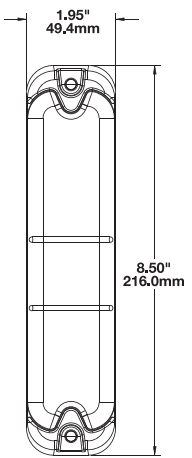
PART NO:	VOLTAGE:
0339921	12V - 24V

PRODUCT SPECIFICATIONS

Input Voltage:	12V - 48V DC
Maximum Current Draw:	0.161A @ 12V DC (Turn)
Lens Material:	Polycarbonate
Body Material:	ABS
Mounting:	Low Profile Mount
Connector:	12" Bare Leads
Wiring:	Red Wire: Stop White Wire: Tail Green Wire: Turn Black Wire: Ground
Standards:	Sealed to IP67 ECE Reg 6 & 7
Weight:	290 grams
Pack Qty:	Single



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MODEL 265

11" x 4" MULTI-FUNCTION SIGNAL LIGHT

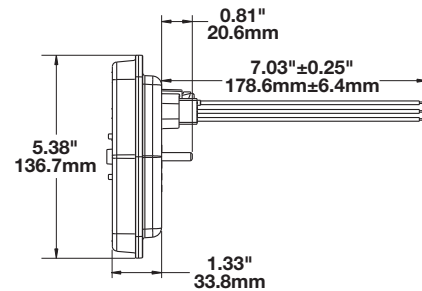
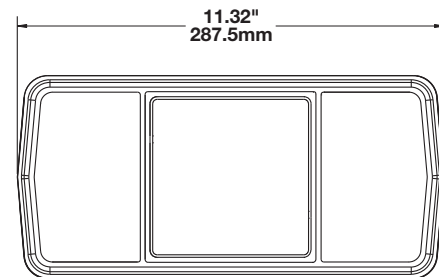
Stop | Tail | Turn | Reverse

PART NO:
0342421

PRODUCT SPECIFICATIONS

Input Voltage:	12V -24V DC
Current Draw:	0.325A @ 12V DC (Stop) 0.200A @ 24V DC (Stop) 0.060A @ 12V DC (Tail) 0.035A @ 24V DC (Tail) 0.425A @ 12V DC (Turn) 0.325A @ 24V DC (Turn) 0.325A @ 12V DC (Reverse) 0.350A @ 24V DC (Reverse)
Lens Material:	Acrylic
Body Material:	ABS
Mounting:	Low Profile Mount (x2) M6-1 x 25 Mounting Bolts
Connector:	6-Pin Deutsch Socket (DT04-6P-E004) 6-Pin Deutsch Plug (DT06-6S)
Wiring:	White Wire: Reverse Yellow Wire: Turn Red Wire: Stop Brown Wire: Tail Black Wire: Ground
Standards:	Sealed to IP67 ECE Reg 3, 6, 7 & 23 SAEJ 575, 585, 586, 588, 593, 594, 2040 & 2261 FMVSS 108 Table VII, VIII, IX, XII & XVI
Weight:	610 grams
Pack Qty:	Single

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1935
J.W. SPEAKER®

1935 – 2023



For the full extended range of LED lighting by
J.W. Speaker, visit www.invisionsales.com



8700 EVO 2 Pro - 8710 Side Mount Bucket Assembly

Part No.	Description	Pack Qty
3157091	Side Mount Bucket Assembly	Single



8700 EVO 2 Pro - 8710 Panel Mount Bucket Assembly

Part No.	Description	Pack Qty
3156561	Panel Mount Bucket Assembly	Single



8700 EVO 2 Pro - 8710 Mounting Ring

Part No.	Description	Pack Qty
3156351	Mounting Ring Kit Assembly	Single



93 - Mounting Frame

Part No.	Description	Pack Qty
8001461	3-Point Mount for 1.5mm Mounting Frame	Single
8001471	3-Point Mount for 3mm Mounting Frame	Single



93 - Pedestal Mount Bracket

Part No.	Description	Pack Qty
8001601	Single Lamp Pedestal Mount Bracket	Single



93 - Pedestal Mount Bracket

Part No.	Description	Pack Qty
8001621	Double Lamp Pedestal Mount Bracket	Single



97 - Mounting Frame

Part No.	Description	Pack Qty
8001511	3-Point Mount for 3mm Mounting Frame	Single



97 - Pedestal Mount Kit

Part No.	Description	Pack Qty
8001521	Single Pedestal Mount Kit	Single



8800 EVO 2 - Dual Headlight Assembly

Part No.	Description	Pack Qty
3156600	Right Hand Dual Headlight Assembly	Single
3156680	Left Hand Dual Headlight Assembly	Single



8630 & 8631 - EVO Ring Kits

Part No.	Description	Pack Qty
8200001	Single Ring Kit Mounting Assembly	Single
8200071	Mounting Ring suit Fire Truck	Single



527 - Protective Rock Guard Kit

Part No.	Description	Pack Qty
8200151	Protective Rock Guard Kit	Single



DC Output Harness - With DC Terminal Kit

Part No.	Description	Length
3269681	DC Output Harness	3 Meters



6130 EVO Single Ring Kit

Part No.	Description	Pack Qty
8000861	Single ring kit mounting assembly	Single



8630 & 8631 - EVO Ring Kits

Part No.	Description	Pack Qty
3157751	Double Ring Kit Mounting Assembly	Single



6404 / 6406 - Converter Boxes

Part No.	Input	Output	Wattage	Dimensions
0842291	100-240V	24V	35W	200 × 78 × 49mm
0842301	100-277V	24V	150W	281 × 106 × 58mm
0842311	100-277V	24V	240W	281 × 106 × 58mm



DC Output Harness - With ICONN Connector

Part No.	Description	Length
3269371	DC Output Harness	1 Meters
3269671	DC Output Harness	3 Meters

Notes

[illegible]

Notes

[illegible]

[illegible]

- Founded in 1935 by John W. Speaker
- Privately held, family owned
- 500 employees
- Operated by co-presidents Tim & Jamie Speaker
- Products made in the USA
- Specialize in advanced LED lighting solutions
- Serve OEM & Aftermarket customers

- Head office in Germantown, Wisconsin, USA
- Two locations: Freistadt & Whitney, ~350k sq. ft.
- In-house SMT printed circuit board assembly
- Injection moulding & vacuum metallizing
- Wiring harness assembly
- Robotic assembly & transfer lines (Freistadt)
- Dedicated aftermarket facility (Whitney)
- In-house design, development & testing
- Optical engineering & 3D modelling; Virtual Reality Lab



For further details about the J.W. Speaker range contact Invision Sales.
Invision Sales are the Asia Pacific distributors for J.W. Speaker Corporation.
Edition 5. Release date June 2023

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