

EL2024

EL 2024

Emergency Lighting

ionnic | 

Mission Statement

To become the preferred supplier of electrical, lighting and safety solutions for mobile plant and equipment in the mining and services industry.

We will continue to improve and expand our range of products that meet and exceed OEM standards, maintaining the latest technology and innovation available backed by technical support and supply.



Beacons

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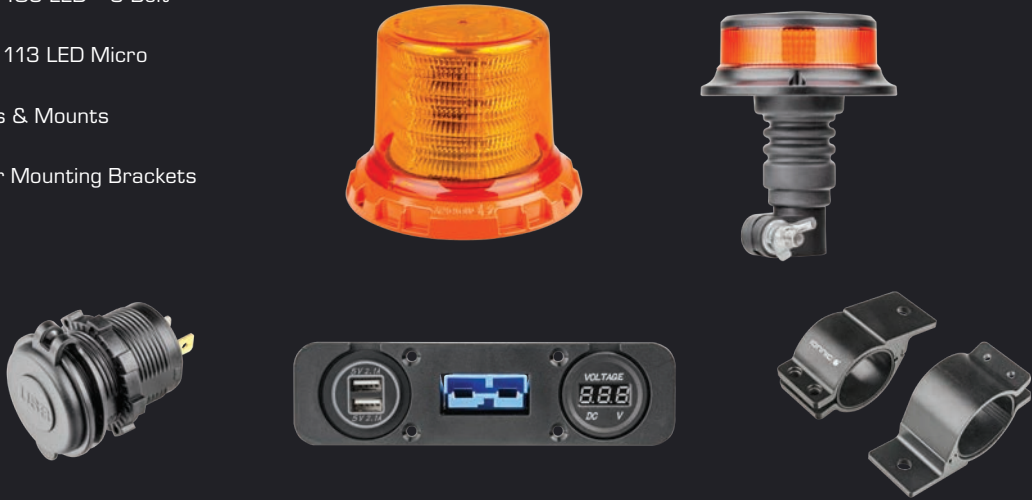
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What's new in EL2024

NEW in Beacons

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NEW in LED Lighting

- 28 Superslim – 6 LED (1x6)
- 34 LED Warning Bar
- 39 Bus Warning Lights



NEW in Safety Lights

- 42 793 Safety Light
- 43 529 Safety Light



What's new in EL2024

NEW in Lightbars



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NEW in Minebars



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NEW in Traffic Direction



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Beacons



Beacons



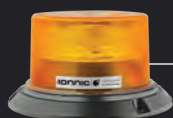
IONNIC 103 LED 10



IONNIC 106 LED 12



Rotating LED 14



IONNIC 101 LED 15



IONNIC 113 LED Micro 16



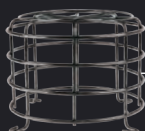
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ionnic | 

103 & 106
Series Beacons





Beacons

IONNIC 103 LED



103010



103800C

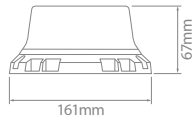
12V
24V

IP67

5Yrs

- Dual colour models available.
- SAE class 1 rated output on select models.
- 11 flash patterns.
- Vibration resistance rated to SAE J575.
- New rugged base design with increased surface area provides improved heat dissipation.
- Polycarbonate lens for high durability.
- Low current draw.
- 103 & 106 beacons can be synchronised.
- Multi-voltage.
- Environmentally sealed – IP67.
- Aerodynamic low profile.
- Magnetic version features cigar plug with integrated on/off & pattern select switches.
- 5-year warranty.

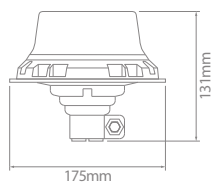
Voltage : 12–24V
 Current Draw : 3.2A @ 12V
 Flash Patterns : 11
 Lens : Polycarbonate
 Base : Aluminium
 Approvals : SAE J845 Class 1 (Amber)
 ECE R10, ECE R65 (Amber, Blue & Dual Colour)
 Vibration Resistance : SAE J575
 Ingress Protection : IP67
 Operating Temperature : -30°C to 50°C
 Light Source : 18 x 3W LED



IONNIC 103 LED – 3 Bolt

	Amber	Blue	Green	Red
Coloured Lens	103000	—	—	—
Clear Lens	103000C	103200C	103300C	103400C

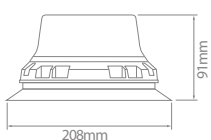
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
 Mounting: 3 x Ø 7mm holes @ 151mm PCD.
 Cable Length – 700mm.



IONNIC 103 LED – Pole Mount

	Amber	Blue	Green	Red
Coloured Lens	103002	—	—	—
Clear Lens	Available upon request	Available upon request	Available upon request	Available upon request

DIN plug outlet. For mounting options see page 23.



IONNIC 103 LED – Magnetic

	Amber	Blue	Green	Red
Coloured Lens	103010	—	—	—
Clear Lens	Available upon request	Available upon request	Available upon request	Available upon request

3.5m lead to cigar plug with on/off and pattern select switches.

Dual Colour Beacons – Colour Modes

Dual Colour beacons contain dual colour chip LEDs.

Each colour is controlled independently, so the beacon can function as one OR the other colour, with 11 flash patterns to choose from.

Dual Colour Mode is restricted to 5 flash patterns.



Colour 1 Mode
11 Flash Patterns



Colour 2 Mode
11 Flash Patterns



Dual Colour Mode
5 Flash Patterns



Clear
Lens

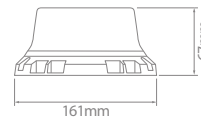
IONNIC 103 LED – 3 Bolt – Dual Colour

Amber/Blue
103800C

Amber/Green
103S00C

Red/Blue
103700C

Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
Mounting: 3 x Ø 7mm holes @ 151mm PCD.
Cable Length – 700mm.



Magnetic Mounting Kit



On/off and
pattern select



Vacuum Magnetic
Mounting Kit available,
see page 25 for details

A600VMK



Beacons

IONNIC 106 LED



106000

12V
24V

IP67

5Yrs

- Latest design lens optics provide stronger & brighter output.
- SAE class 1 rated output on select models.
- 11 flash patterns.
- Vibration resistance rated to SAE J575.
- New rugged base design with increased surface area providing improved heat dissipation.
- Polycarbonate lens for high durability.
- Low current draw.
- 3 Bolt versions can be synchronised.
- Multi-voltage.
- Environmentally sealed – IP67.
- Magnetic version features cigar plug with integrated on/off & pattern select switches.
- 5-year warranty.

Voltage :	12-24V
Current Draw :	3.2A @ 12V
Flash Patterns :	11
Lens :	Polycarbonate
Base :	Aluminium
Vibration :	SAE J575
Approvals :	SAE J845 Class 1 (Amber) ECE R10, ECE R65 (Amber & Blue)
Vibration Resistance :	SAE J575
Ingress Protection :	IP67
Operating Temperature :	-30°C to 50°C
Light Source :	18 x 3W LED

On/off and
pattern select



106010

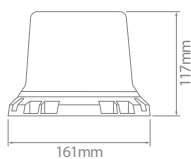


Off

Clear lens with coloured
LED illumination



On



IONNIC 106 LED – 3 Bolt

	Amber	Blue	Green	Red	White
Coloured Base	106000-A NEW	—	—	—	—
Coloured Lens	106000	—	—	—	—
Clear Lens	—	106200C	106300C	106400C	NEW 106100C

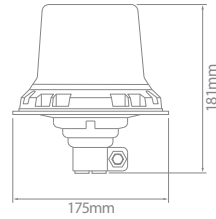
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
Mounting: 3 x Ø 7mm holes @ 151mm PCD.
Cable Length – 230mm.



IONNIC 106 LED – Pole Mount

Coloured Lens	Amber 106002	Blue —	Green —	Red —
Clear Lens	—	Available upon request	Available upon request	Available upon request

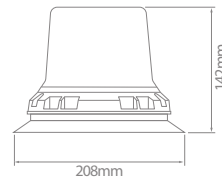
DIN plug outlet. For mounting options see page 23.



IONNIC 106 LED – Magnetic

Coloured Lens	Amber 106010	Blue —	Green —	Red —
Clear Lens	—	Available upon request	Available upon request	Available upon request

3.5m lead to cigar plug with on/off and pattern select switches.



IONNIC 106 & 103 Series LED Beacon Flash Patterns

The IONNIC 106 & 103 Series LED 3 Bolt beacons have the same 11 flash patterns and can be synchronised.

1 – Quad Burst



2 – Quad Flash



3 – Double Flash



4 – Single Flash



5 – Fast Flash



6 – Quad & Single Flash



7 – Slow Rotation



8 – Normal Rotation



9 – Fast Rotation



10 – Cycle Scan (Double, Single, Fast Flash)



11 – Steady On



Pattern 3
Double Flash



Pattern 3
Double Flash



Pattern 3
Double Flash



Pattern 3
Double Flash



Beacons

Rotating LED



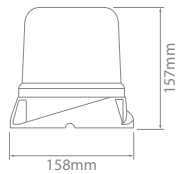
108000

12V
24V

5Yrs

- True rotating LED.
- Heavy-duty, virtually unbreakable.
- Patented 'Hybrid Drive' technology. No gears, no belts, no brushes.
- SAE Class 1 rated output.
- LEDs rated to 50,000 hours of operation.
- Low current draw.
- UV hard-coated polycarbonate lens for high durability in harsh conditions.
- Magnetic version features 2600mm lead to cigar plug with integrated switch.
- Complies to over-dimensional vehicle regulations in several Australian states.
- 5-year warranty.

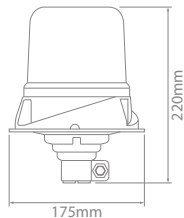
Voltage : 12-24V
 Current Draw : 1.9A @ 12V
 Wattage : 25.6W
 Flash Rate : 120FPM
 Lens : Polycarbonate
 Base : Die-cast
 Approvals : ECE65, SAE J845 Class 1
 Operating Temperature : -30°C to 50°C
 Light Source : 8 x 3W LED



Rotating LED – 3 Bolt

Amber 107000 Blue 107200 Green 107300 Red 107400

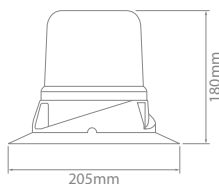
Supplied with 3 x M5 Bolts.
 Mounting: 3 x Ø 5mm holes @ 151mm PCD.
 Cable Length – 300mm.



Rotating LED – Pole Mount

Amber 107002

Other colours available upon request, lead times apply.
 DIN plug outlet. For mounting options see page 23.



Rotating LED – Mag 60

Amber 108000

2.6m lead to cigar plug with on/off switch.

- SAE class 1 rated output.
- 5 flash patterns – 2 simulated rotating (120FPM).
- Polycarbonate lens for high durability.
- Epoxy-encapsulated base for enhanced moisture & vibration protection.
- Low current draw.
- Multi-voltage.
- Environmentally sealed – IP67.
- Dimming function, 3 Bolt version only.
- Complies to over-dimensional vehicle regulations in several Australian states.
- 5-year warranty.



Voltage : 12–36V
 Current Draw : 2.8A @ 12V
 Flash Patterns : 5
 Lens : Polycarbonate
 Base : Aluminium
 Approvals : ECE R65, SAE J845 Class 1 (Amber)
 Ingress Protection : IP67
 Operating Temperature : -30°C to 50°C
 Light Source : 12 x 3W LED

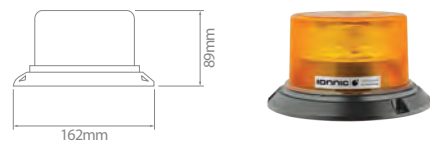
12V 36V IP67 5Yrs



IONNIC 101 LED – 3 Bolt

Amber 101000 Green 101300

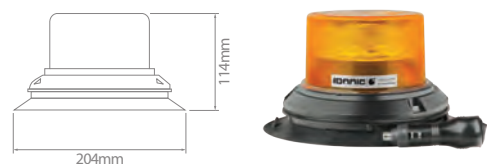
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
 Mounting: 3 x Ø 7mm holes @ 151mm PCD.
 Cable Length – 340mm.



IONNIC 101 LED – Magnetic

Amber 101010 Green 101310

4.6m lead to cigar plug with on/off switch.
 Flash pattern preset to Quad flash.



Beacons

IONNIC 113 LED Micro

NEW



113002



113001

9V
30V IP67

- Magnetic version features cigar plug with integrated on/off & pattern select switches.
- Pole Mount version features pattern select button.
- Ultra-compact design.
- High output.
- ECE R65 approved.
- 7 flash patterns including rotating.
- Polycarbonate lens for high durability.
- Breather filter technology to prevent ingress.
- 3 Bolt versions can be synchronised.
- Low current draw.
- Multi-voltage.
- Environmentally sealed – IP67.

Voltage :	9–30V
Current Draw :	1.7A @ 12V
Flash Patterns :	7
Lens :	Polycarbonate
Base :	Aluminium
Approvals :	ECE R10, ECE R65
Ingress Protection :	IP67
Operating Temperature :	-30°C to 60°C
Light Source :	18 x 1.5W LED

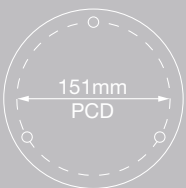


3.5m lead to cigar plug with on/off and pattern select switches

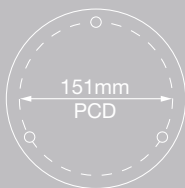


Pattern select button

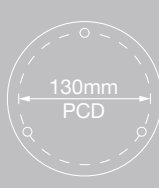
When Size Matters



IONNIC 106 LED
PCD – Ø151mm



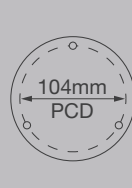
IONNIC 103 LED
PCD – Ø151mm



Midi Vision
PCD – Ø130mm



IONNIC Mini Xenon
PCD – Ø118mm



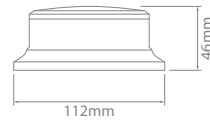
IONNIC 113 LED Micro
PCD – Ø104mm

IONNIC 113 LED Micro – 3 Bolt NEW

Amber

113000

Supplied with 3 x M5 bolts, nuts, shake-proof washers & base gasket.
Mounting: 3 x Ø 5mm holes @ 104mm PCD.
Cable Length – 350mm.

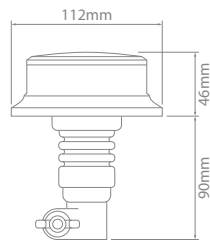


IONNIC 113 LED Micro – Pole Mount NEW

Amber

113002

Flexible DIN plug outlet. For mounting options see page 23.

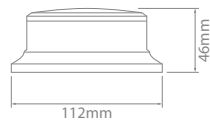


IONNIC 113 LED Micro – Magnetic NEW

Amber

113001

3.5m lead to cigar plug with on/off and pattern select switches.
Not designed for highway use.



Beacons

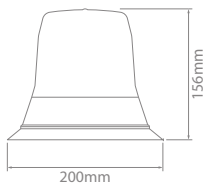
Midi Vision

400001



- Free-form optics generate greater & more focused light output
- Whisper quiet rotators, running on stainless steel/acetal bearings.
- Polycarbonate lens provides high durability against harsh conditions.
- Multiple mounting configurations.
- Twist lock polycarbonate lens provides easy field maintenance.
- Magnetic models feature 2600mm retractable coil with cigar plug.
- Dual voltage motor.

Current Draw :	4.6A @ 12V	3A @ 24V
Max. Wattage :	55W @ 12V	70W @ 24V
Flash Rate :		160FPM
Lens :		Polycarbonate
Base :		ABS
Light Source :		H1 Halogen Bulb



400 Series – Mag 70

	Amber
Less Bulb	400000
12V	400001
24V	400002

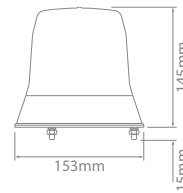
2.6m lead to cigar plug. Fits standard cigar/DIN socket.



403 Series – 3 Bolt

	Amber
Less Bulb	403000
12V	403001
24V	403002

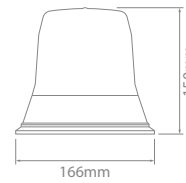
Supplied with 3 x M6 bolts, nuts, shake-proof washers.
 Mounting: 3 x Ø 7mm holes @ 130mm PCD.
 Cable Length – 300mm.



407 Series – Mag 50

	Amber
Less Bulb	407000
12V	407001
24V	407002

2.6m lead to cigar plug. Fits standard cigar/DIN socket.



Midi Vision Lens

Part No.	Colour
910320	Amber



Midi Vision Spares

Part No.	Description
999554	Rotator Module
910336	Reflector only
945034	Drive Belt
920004	Bulb Clip
64150	H1 Bulb – 12V, 55W
64155	H1 Bulb – 24V, 70W



Beacons

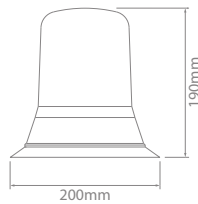
500 Series



503001

- Free-form optics generate greater & more focused light output
- Whisper quiet rotators, running on stainless steel/acetal bearings.
- Twist lock acrylic lens provides easy field maintenance.
- Magnetic models feature 2600mm retractable coil with cigar plug.
- Dual voltage motor.

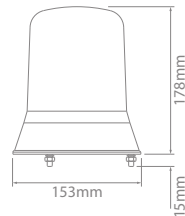
Current Draw :	4.6A @ 12V	3A @ 24V
Max. Wattage :	55W @ 12V	70W @ 24V
Flash Rate :		160FPM
Lens :		Acrylic
Base :		ABS
Light Source :		H1 Halogen Bulb



500 Series – Mag 70

	Less Bulb	12V	24V
Amber	500000	500001	500002

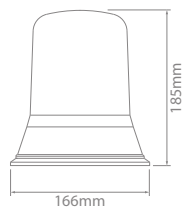
2.6m lead to cigar plug. Fits standard cigar/DIN socket.



503 Series – 3 Bolt

	Less Bulb	12V	24V
Amber	503000	503001	503002

Supplied with 3 x M6 bolts, nuts, shake-proof washers.
Mounting: 3 x Ø 7mm holes @ 130mm PCD.
Cable Length – 300mm.



507 Series – Mag 50

	Less Bulb	12V	24V
Amber	507000	507001	507002

2.6m lead to cigar plug. Fits standard cigar/DIN socket.

500 Series Lens

Part No.	Colour
910023	Amber



500 Series Spares

Part No.	Description
999555	Rotator Module
945034	Drive Belt
920004	Bulb Clip
64150	H1 Bulb – 12V, 55W
64155	H1 Bulb – 24V, 70W

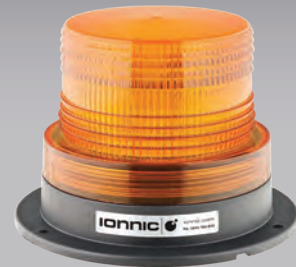


- Ideal for forklift applications.
- Available in high or low profiles.
- High profile model features an epoxy-encapsulated base.
- Low current draw.
- Multi-voltage.

Voltage :	12-80V
Current Draw :	0.29A @ 12V
Flash Pattern :	Single Flash
Flash Rate :	3 Bolt 36FPM
	2 Bolt 72FPM
Output :	2 Joules
Lens :	Polycarbonate
Base :	ABS
Cable Length :	300mm
Light Source :	Xenon Tube

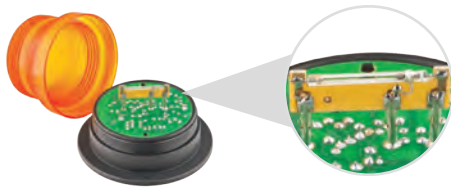


6220A-2



6400A-1

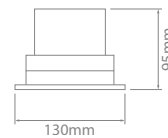
12V
80V



IONNIC Mini Xenon – 3 Bolt

Amber	Green	Red	White
6400A-1	6400G-1	6400R-1	6400C-1

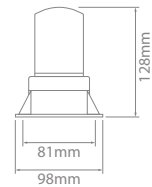
Supplied with 3 x M5 bolts, nuts, shake-proof washers.
Mounting: 3 x Ø 5mm holes @ 118mm PCD.



IONNIC Mini Xenon – 2 Bolt

Amber	Blue	Green	Red
6220A-2	6220B-2	6220G-2	6220R-2

Supplied with 2 x M5 bolts, nuts, shake-proof washers.
Mounting: 2 x Ø 5mm holes.



IONNIC Mini Xenon Lens – 3 Bolt

Part No.	Colour
910065	Amber
910067	Green
910068	Red



IONNIC Mini Xenon Lens – 2 Bolt

Part No.	Colour
910085	Amber
910086	Blue
910087	Green
910088	Red



Beacon Accessories



1331001



1331002



1331003



1331004



1331011



1331005



1331006



1331007



1331008



1331009

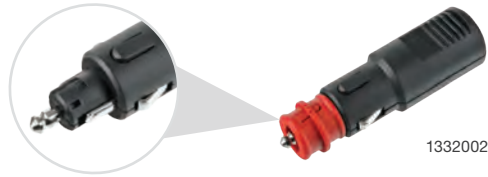


1331010

DIN/Cigar Sockets

Part No.	Current Rating (A)	Type	Voltage	Cap Style	Terminal Style	Housing	Mounting Ø (mm)
1331001	12	DIN	—	Spring Loaded	Parallel	Brass	18
1331002	12	DIN	—	—	Parallel	Brass	18
1331003	12	DIN	—	Press Fit	Parallel	Brass	18
1331004	12	DIN	—	Spring Loaded	Offset	Brass	18
1331011	12	DIN	—	—	Parallel	Thermoplastic	18
1331005	12	DIN	—	—	Screw	Aluminium	—
1331006	16 total	DIN	—	—	Parallel	Thermoplastic	—
1331007	16	DIN	—	—	Parallel	Thermoplastic	—
1331008	15	Cigar	—	Press Fit	Offset	Stainless Steel	28
1331009	—	Cigar	12	—	Offset	Stainless Steel	28
1331010	20	Cigar	—	Press Fit	Offset	Stainless Steel	28

Beacon Accessories



DIN/Cigar Plugs

Part No.	Current Rating (A)	Type	Housing	Notes
1332001	12	DIN	Thermoplastic	
1332002	12	Cigar/DIN	Thermoplastic	Incorporates strain relief
1332003	8	DIN	Thermoplastic	



Plug & Socket

Part No.	Description	Voltage	Current Rating (A)
1336010	2 Pin. Stainless Steel	12 – 24	20



Pole Mounts with integral DIN socket

Part No.	Mount Style
1335001	Bolt down – 2 bolt
1335002	Weld
1335003	Threaded
1335004	Side mount – 2 bolt
1335005	Bolt down – 2 bolt



Beacon Accessories



Sockets & Mounts

Part No.	Description	Voltage	Output
1336000	Volt Meter. Displays 6–29.9V	12–24	—
1336001	Socket – Power (cigar)	12–24	16A
1336002	Socket – Engel	12–24	15A
1336003	Socket – 5V Twin USB	12–24	2 x 2.1A
1336005 NEW	Socket – USB Type C & USB Type A	12–24	2 x 1.5A
1336M01	Surface Mount – Single		
1336M02	Surface Mount – Double		
1336M03	Surface Mount – Triple		
1336M05	Panel Mount – Double		
1336M06	Panel Mount – Single		

- SB50-FM-1ACC** NEW Flange mount bracket, 1 x 30mm accessory cutout. Suits 50A High Current Connectors
- SB50-FM-2ACC** NEW Flange mount bracket, 2 x 30mm accessory cutouts. Suits 50A High Current Connectors

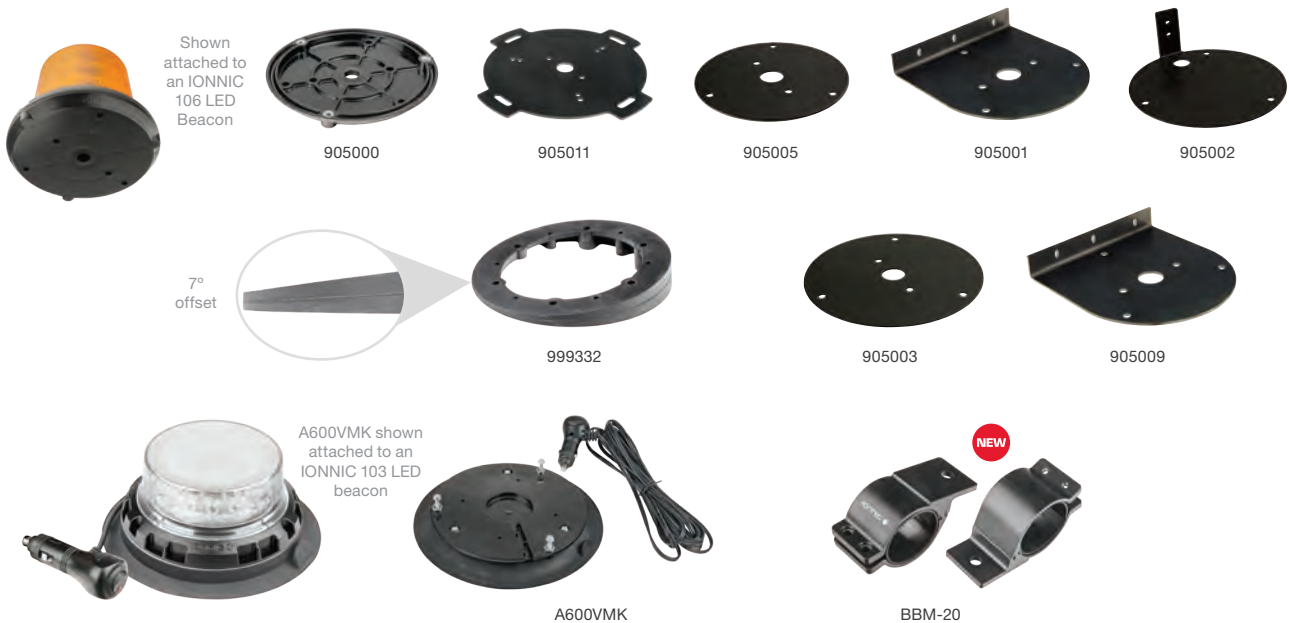
Beacon Accessories



GR-HD covering an IONNIC 106 LED beacon mounted to 905011

Protective Grilles

Part No.	Description	Maximum Height (mm)	Maximum Inside Ø (mm)	PCD (mm)
GRL	Standard-duty	105	170	214
GR	Standard-duty	185	170	214
GRL-HD	Heavy-duty – 5mm cage	105	180	227
GR-HD	Heavy-duty – 5mm cage	185	180	227



Shown attached to an IONNIC 106 LED Beacon

7° offset

A600VMK shown attached to an IONNIC 103 LED beacon

NEW

Mounting Plates for 3 Bolt Beacons & Bull Bar Mounting Brackets

Part No.	Mounting	Description	PCD (mm)
905000	Flat surface	Beacon adaptor plate. Converts 151mm PCD to 130mm PCD	130
905011	Flat surface	Universal mounting plate suiting HD protective grilles	130 & 151
905005	Flat surface	Suits Midi Vision, 500 Series	130
905001	90°	Suits Midi Vision, 500 Series	130
905002	90°	Suits Midi Vision, 500 Series	130
999332	Flat surface	Rubber mounting gasket – 7° offset. Includes 3 x nuts, washers & bolts	130
905003	Flat surface	Suits IONNIC 101, 103, 106 LED and Rotating LED beacons	151
905009	90°	Suits IONNIC 101, 103, 106 LED and Rotating LED beacons	151
A600VMK	Flat surface	Vacuum magnetic base and 4.6m lead to cigar plug with integrated on/off switch. Suits IONNIC 101, 103, 106 LED and Rotating LED beacons	151
BBM-20		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 50mm bar	
BBM-25		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 64mm bar	
BBM-30		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 76mm bar	



LED Lighting



LED Lighting



Superslim 28



Maxiview 30



Slimline 32



LED Warning Bar 34



Covert Series 36



LED Hide-A-Way 37



Bus Warning Light Kits 38

LED Lighting

Superslim

OS-KLSLED33B-BB

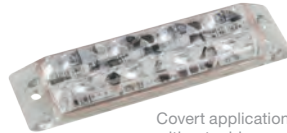


OS-KLSLED04B-RR

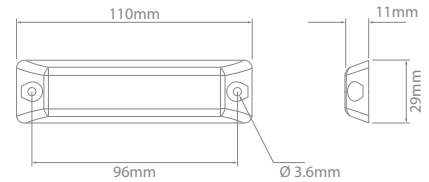


- Ultra-bright 3W LEDs.
- Superslim design – 11mm.
- Combination optics ensure 150° ultra-wide light dispersion.
- 22 flash patterns.
- Dimming function.
- Can be synchronised.
- Covert applications – install without rubber gasket.
- Low current draw.
- Multi-voltage.
- Environmentally sealed – IP67.
- 5-year warranty.

Voltage :	12–24V
Lens :	Polycarbonate
Flash Patterns :	22
Cable Length :	180mm
Approvals :	ECE R10
Light Source :	3W LEDs
Ingress Protection :	IP67



Covert applications – install without rubber gasket



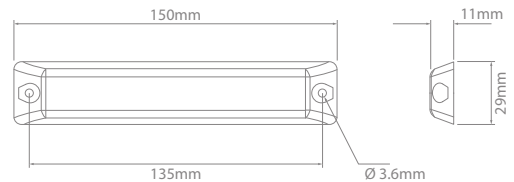
Superslim – 4 LED (1x4)

- Amber OS-KLSLED04B-AA Blue OS-KLSLED04B-BB Green OS-KLSLED04B-GG Red OS-KLSLED04B-RR White OS-KLSLED04B-WW Red/Blue OS-KLSLED04B-RB

1.0A @ 12V



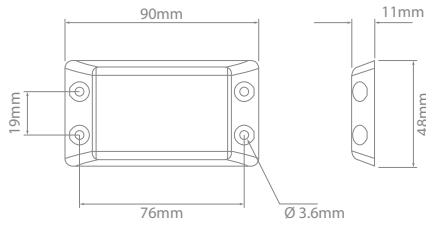
NEW



Superslim – 6 LED (1x6) NEW

- Amber OS-KLSLED06B-AA Blue OS-KLSLED06B-BB Green OS-KLSLED06B-GG Red OS-KLSLED06B-RR White OS-KLSLED06B-WW Red/Blue OS-KLSLED06B-RB

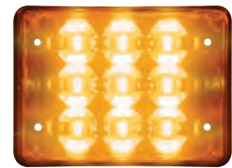
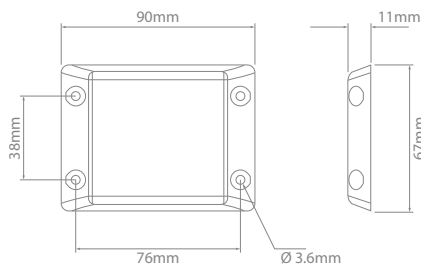
1.3A @ 12V



Superslim – 6 LED (2x3)

Amber Blue Green Red White Red/Blue
OS-KLSLED23B-AA **OS-KLSLED23B-BB** **OS-KLSLED23B-GG** **OS-KLSLED23B-RR** **OS-KLSLED23B-WW** **OS-KLSLED23B-RB**

1.3A @ 12V



Superslim – 9 LED (3x3)

Amber Blue Green Red White Red/Blue
OS-KLSLED33B-AA **OS-KLSLED33B-BB** **OS-KLSLED33B-GG** **OS-KLSLED33B-RR** **OS-KLSLED33B-WW** **OS-KLSLED33B-RB**

1.5A @ 12V



OS-KLSLED04B-BKT



OS-KLSLED23B-BKT



OS-KLSLED33B-BKT

Superslim – Mounting Brackets

4 LED (1x4) 6 LED (2x3) 9 LED (3x3)
OS-KLSLED04B-BKT **OS-KLSLED23B-BKT** **OS-KLSLED33B-BKT**



LED Lighting

Maxiview



OS-KRLED03B-M

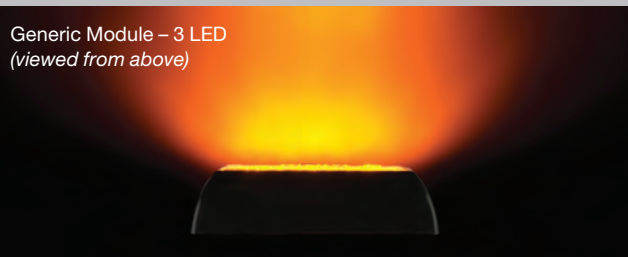
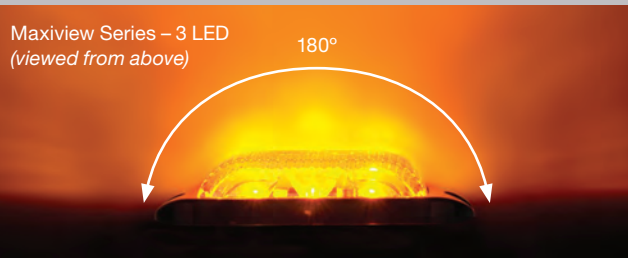
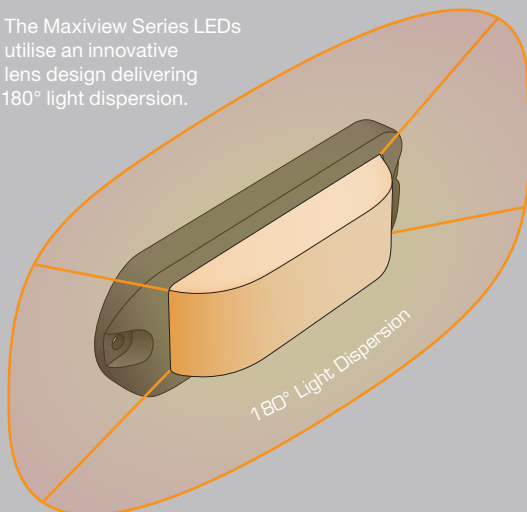


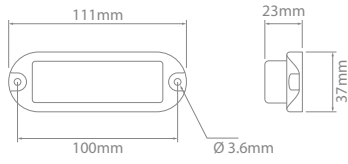
- Ultra-bright 3W LEDs.
- Optic design provides ultra-wide 180° light dispersion.
- Up to 25 flash patterns.
- Dimming function.
- Low current draw.
- Epoxy-encapsulated electronics for environmental & vibration protection.
- LEDs rated to 100,000 hours of operation.
- Can be synchronised.
- Multi-voltage.
- Environmentally sealed – IP67.
- 5-year warranty.

Voltage :	12–24V
Lens :	Polycarbonate
Cable Length :	180mm
Approvals :	ECE R10, SAE Class 1
Light Source :	3W LEDs
Ingress Protection :	IP67

180° Light Dispersion

The Maxiview Series LEDs utilise an innovative lens design delivering 180° light dispersion.

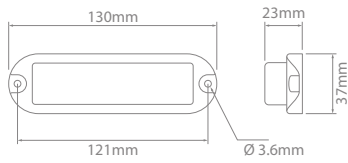




Maxiview – 3 LED

- Amber
OS-KRLED03B-A
- Blue
OS-KRLED03B-B
- Green
OS-KRLED03B-G
- Magenta
OS-KRLED03B-M
- Red
OS-KRLED03B-R
- White
OS-KRLED03B-W

0.5A @ 12V.
12 Flash Patterns.



Maxiview – 4 LED

- Amber
OS-KRLED04B-AA
- Blue
OS-KRLED04B-BB
- Green
OS-KRLED04B-GG
- Magenta
OS-KRLED04B-MM
- Red
OS-KRLED04B-RR
- White
OS-KRLED04B-WW
- Red/Blue
OS-KRLED04B-RB

1.0A @ 12V.
25 Flash Patterns.

OS-KRLED03B-BKT



OS-KRLED04B-BKT



Maxiview – Mounting Brackets

- 3 LED
OS-KRLED03B-BKT
- 4 LED
OS-KRLED04B-BKT



LED Lighting

Slimline



OS-KSLED06B-WW

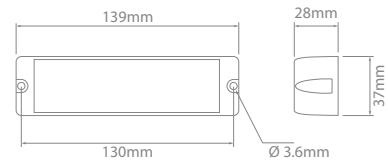


OS-KSLED24B-AA



- Ultra-bright 3W LEDs.
- 25 flash patterns.
- Dimming function.
- Low current draw.
- Epoxy-encapsulated electronics for environmental & vibration protection.
- LEDs rated to 100,000 hours of operation.
- Can be synchronised.
- Multi-voltage.
- Environmentally sealed – IP67.
- 5-year warranty.

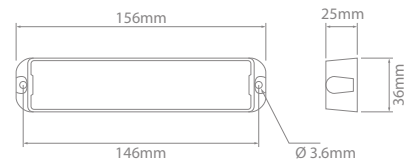
Voltage :	12–24V
Lens :	Polycarbonate
Flash Patterns :	25
Cable Length :	180mm
Approvals :	ECE R10, SAE Class 1
Light Source :	3W LEDs
Ingress Protection :	IP67



Slimline – 4 LED (1x4)

Amber	Blue	Red	White	Red/Blue
OS-KSLED04B-AA	OS-KSLED04B-BB	OS-KSLED04B-RR	OS-KSLED04B-WW	OS-KSLED04B-RB

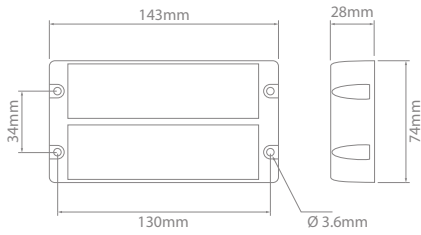
1.0A @ 12V.



Slimline – 6 LED (1x6)

Amber	Blue	Red	White	Red/Blue
OS-KSLED06B-AA	OS-KSLED06B-BB	OS-KSLED06B-RR	OS-KSLED06B-WW	OS-KSLED06B-RB

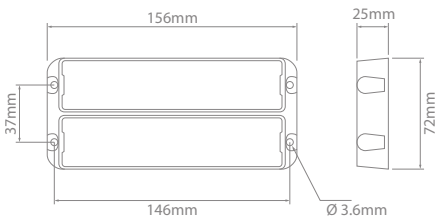
1.0A @ 12V.



Slimline – 8 LED (2x4)

Amber Blue Red White Amber/White Red/Blue
OS-KSLED24B-AA **OS-KSLED24B-BB** **OS-KSLED24B-RR** **OS-KSLED24B-WW** **OS-KSLED24B-WA** **OS-KSLED24B-RB**

Other colour combinations available upon request.
2.0A @ 12V.



Slimline – 12 LED (2x6)

Amber Red White Red/Blue
OS-KSLED26B-AA **OS-KSLED26B-RR** **OS-KSLED26B-WW** **OS-KSLED26B-RB**

Other colour combinations available upon request.
2.0A @ 12V.



OS-KSLED04B-BKT



OS-KSLED06B-BKT

Slimline – Mounting Brackets

4 LED (1x4) 6 LED (1x6)
OS-KSLED04B-BKT **OS-KSLED06B-BKT**



LED Lighting

LED Warning Bar



12V
24V

5Yrs

- High output, wide viewing angle.
- Up to 26 flash patterns.
- Dimming function.
- Multiple mounting options.
- Low current draw.
- Can be synchronised.
- Virtually unlimited colour combinations available (upon request).
- Epoxy-encapsulated electronics for environmental & vibration protection.
- LEDs rated to 100,000 hours of operation.
- Multi-voltage.
- 5-year warranty.

Voltage :	12-24V
Lens :	Polycarbonate
Body :	Aluminium
Approvals:	SAE-W-07
Light Source :	1W LEDs
Cable Length :	1m
Ingress Protection :	LED Module IP67



Channel on rear of the bar can be used with bolts for mounting (bolts not supplied)



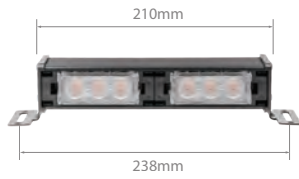
Supplied brackets allow for mounting on angled surfaces



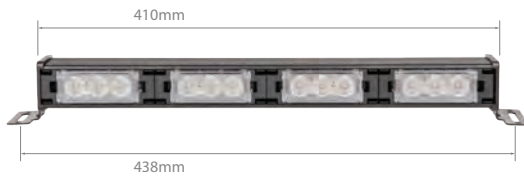
Versatility

The robust aluminium housing and multiple mounting options allow the IONNIC LED Warning Bar to be used in many applications, inside or outside.





2 LED Modules



4 LED Modules



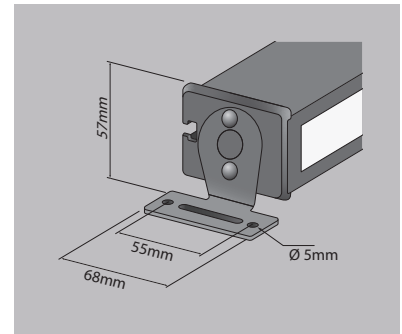
6 LED Modules



8 LED Modules



10 LED Modules



LED Warning Bars – Single Colour

LED Modules	Current Draw @ 12V (A)	Flash Patterns	Amber	Blue	Green	Red	Magenta NEW	White
2	0.7	17	LSWLS-32A	LSWLS-32B	LSWLS-32G	LSWLS-32R	LSWLS-32M	LSWLS-32W
4	1.4	26	LSWLS-34A	LSWLS-34B	LSWLS-34G	LSWLS-34R	—	LSWLS-34W
6	2.1	26	LSWLS-36A	LSWLS-36B	LSWLS-36G	LSWLS-36R	—	LSWLS-36W
8	2.8	26	LSWLS-38A	LSWLS-38B	LSWLS-38G	LSWLS-38R	LSWLS-38M	LSWLS-38W
10	3.5	26	LSWLS-310A	LSWLS-310B	LSWLS-310G	LSWLS-310R	LSWLS-310M	LSWLS-310W

LED Warning Bars – Dual Colour

LED Modules	Current Draw @ 12V (A)	Flash Patterns	Amber/White NEW	Amber/Green NEW	Red/Blue
2	0.7	17	LSWLS-32AW	—	LSWLS-32RB
4	1.4	26	LSWLS-34AW	—	LSWLS-34RB
6	2.1	26	LSWLS-36AW	LSWLS-36AG	LSWLS-36RB
8	2.8	26	LSWLS-38AW	LSWLS-38AG	LSWLS-38RB
10	3.5	26	—	LSWLS-310AG	LSWLS-310RB



LED Lighting

Covert Series

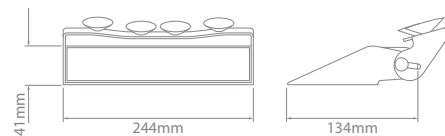
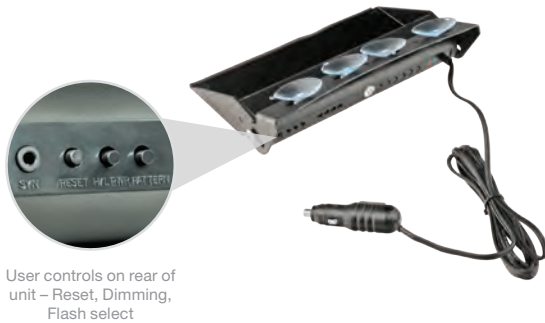


- Suction cups for quick and easy windscreen mounting.
- 30 flash patterns.
- Dimming function.
- User controls on rear of unit – Reset, Dimming, Flash select.
- 2.8mm lead to cigar plug.
- LEDs rated to 100,000 hours of operation.
- Permanent bolt down mounting option.
- Real-time flash pattern indicator.
- Low current draw.
- Multi-voltage.
- 5-year warranty.

12V
24V

5Yrs

Voltage :	12-24V
Current Draw :	0.5A @ 12V
Flash Patterns :	30
Lens :	Polycarbonate
Body :	ABS
Approvals:	SAE-W-07
Light Source :	1W LEDs
Cable Length :	2.8m



Covert Series – 8 LED

Amber
LSDL-42TEAA

Amber/Red
LSDL-42TEAR

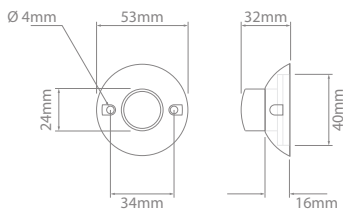
Amber/White
LSDL-42TEAW

Red/Blue
LSDL-42TERB

- Can be panel or surface mounted.
- 6 LEDs per light module.
- 22 flash patterns.
- Aluminium base.
- Environmentally sealed – IP67.
- Epoxy-encapsulated electronics for enhanced moisture & vibration protection.
- Can be synchronised.
- Multi-voltage.
- 5-year warranty.



Voltage :	12-30V
Current Draw :	1.6A @ 12V
Flash Patterns :	22
Lens :	Polycarbonate
Base :	Aluminium
Approvals :	ECE R10
Light source :	1W LEDs
Ingress Protection :	IP67



LED Hide-A-Way Kits

Amber
LSHA01-AA

Blue
LSHA01-BB

Magenta
LSHA01-MM

Red
LSHA01-RR

White
LSHA01-WW

Red/Blue
LSHA01-RB

Other colour combinations available upon request.

Kit Contents:
2 x LED Lights
1 x Controller
2 x 3m Extension Cables





- Certified to comply with state transport operation regulations.
- Automatically activates when door opens and continues for 20–30 seconds after doors have closed.
- Microprocessor controlled with up to 4 outputs.
- 12V and 24V versions available.

SCHOOL BUS



Bus Warning Light Kits – NSW

12V

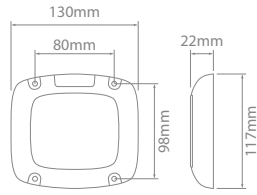
882-922/NLI

24V

882-922-24/NLI

Recommended for NSW bus installs.
For current state regulations visit www.rms.nsw.gov.au

- Kit Contents:
- 1 x Toggle Switch
 - 1 x Pilot Lamp
 - 1 x Solid State Flasher Unit
 - 2 x Reed switch for door sensor
 - 1 x Decal – “40km/h” – 440 x 440mm
 - 1 x Decal – “WHEN LIGHTS FLASH” 900 x 80mm
 - 1 x Decal – “SCHOOL BUS” – 900 x 150mm
- Wiring Harnesses



Bus Warning Light NEW

Part No.	Mount	Voltage	State
830-200A	Surface Mount	12-24	All

For your current regulatory requirements visit your state's road regulation website.



TB403E



62026BL, 62030BL



N-BUSF



886-012, 886-013



12-0070



882-909



882-914

Bus Warning Light Kits – Spare Parts

Part No.	Description	State
TB403E	Toggle Switch	All
62026BL	Pilot Lamp – 12V	All
62030BL	Pilot Lamp – 24V	All
N-BUSF	Flasher Unit – 12-24V	QLD, VIC, SA
886-012	Flasher Unit – 12V	NSW
886-013	Flasher Unit – 24V	NSW
12-0070	Reed Switch	All
882-909	Decal – “Children Walking” – 400 x 305mm	QLD, VIC
882-914	Decal – “SCHOOL BUS” – 900 x 150mm	All

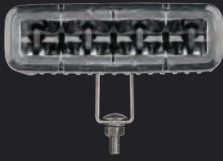
For your current regulatory requirements visit your state's road regulation website.



Safety Lights



Safety Lights



793 Safety Light **42**



529 Safety Light **43**

Safety Lights

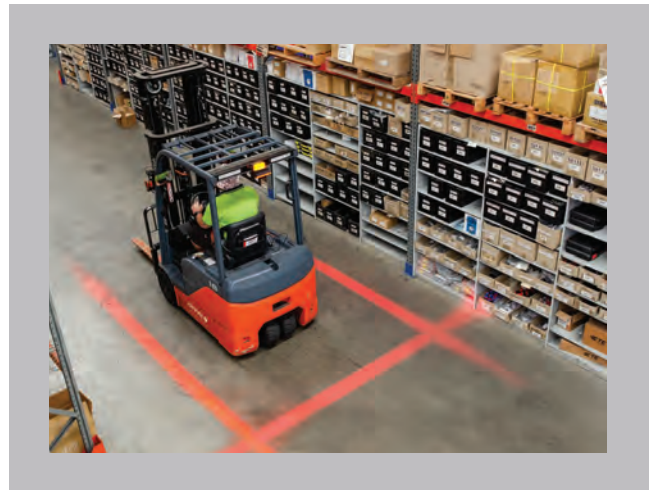
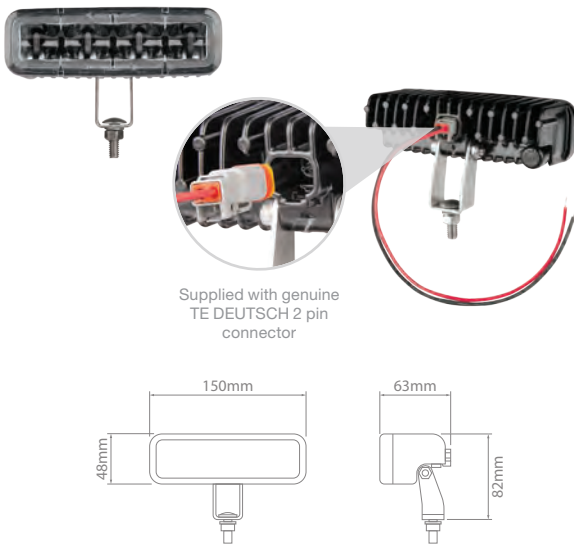
793 Safety Light



- High power LEDs.
- Compact design.
- Extensive Multi-voltage.
- Durable polycarbonate lens.
- Robust cast alloy body.
- Stainless steel mounting bracket.
- Can be steam & pressure cleaned.
- Environmentally sealed – IP67, IP69K.
- Incorporated breather filter protects against water and dust ingress.
- 5-year warranty.
- Made in North America.

IP67 IP69K 5Yrs Made in North America

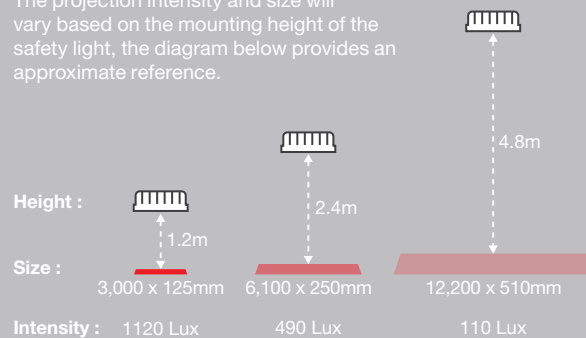
Connector : DT Style – 2 Pin
 Mount : Single Bolt M8
 Lens : Polycarbonate
 Body : Aluminium
 Bracket : Stainless Steel
 Weight : 0.4kg
 Ingress Protection : IP67, IP69K
 Approvals : UL, ECE R10
 Operating Temperature : -40°C to 65°C



793 Safety Light

Part No.	Operational Voltage	Colour	Current Draw
1603761	10–45	Red	1.6A @ 12V
1603871	48–110	Red	0.35A @ 48V

The projection intensity and size will vary based on the mounting height of the safety light, the diagram below provides an approximate reference.



Safety Lights

529 Safety Light

- Constant or flashing modes.
- Multi-voltage.
- Durable polycarbonate lens.
- Robust cast alloy body.
- Stainless steel mounting bracket.
- Can be steam & pressure cleaned.
- Environmentally sealed – IP67, IP69K.
- Transient spike protected.
- Incorporated breather filter protects against water and dust ingress.
- 5-year warranty.
- Made in North America.

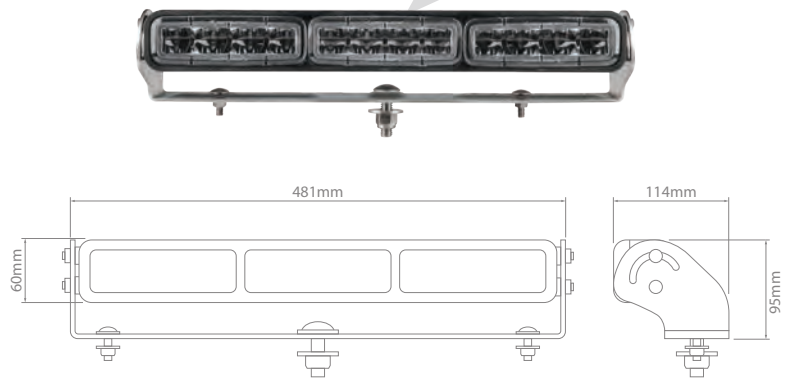


Operational Voltage : 9–33V
 Current Draw : 3.7A @ 12V
 Connector : DT Style – 3 Pin
 Mount : 1 x M12, 2 x M8
 Lens : Polycarbonate
 Body : Aluminium
 Bracket : Stainless Steel
 Weight : 1.3kg
 Ingress Protection : IP67, IP69K
 Approvals : UL, ECE R10
 Operating Temperature : -40°C to 65°C

9V 33V IP67 IP69K 5Vrs Made in North America



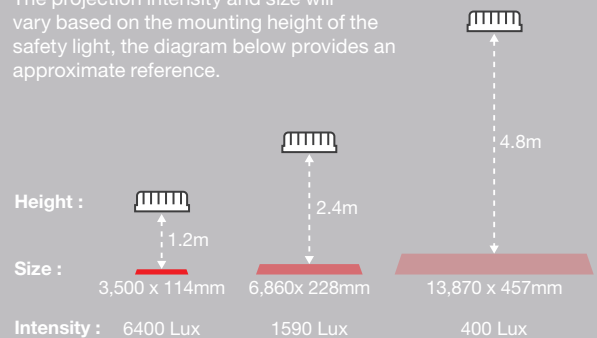
Supplied with genuine TE DEUTSCH 3 pin connector



529 Safety Light

Part No. 1300561 Operational Voltage 9–33 Colour Red Flash Rate per Min 60

The projection intensity and size will vary based on the mounting height of the safety light, the diagram below provides an approximate reference.



Lightboars



Lightbars



IONNIC Blade – Micro **48**



IONNIC LED Nano-Bar **50**



Rotating LED Mini-Bar **51**



LED Blaze **53**



IONNIC Blade **56**



IONNIC Blade – Mini **59**

Introducing

ionnic | 

Blade - Micro
Lightbars



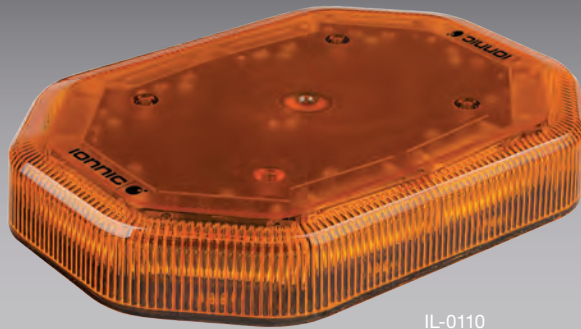


onnie

Lightbars

IONNIC Blade – Micro

NEW



IL-0110

12V
24V

IP67

3Yrs

- Dual colour models available.
- Compact & low profile LED lightbar.
- High output 1 Watt LEDs.
- Up to 17 flash patterns.
- Magnetic version features cigar plug with integrated on/off (high or low output) & pattern select switches.
- Polycarbonate lens for high durability.
- Multi-voltage.
- Environmentally sealed – IP67.
- Breather filter technology to prevent ingress.
- 3-year warranty.

Voltage : 12–24V
 Max. Current Draw : 4.5A @ 12V
 Mount : 2 x M8 Bolts / Magnetic
 Lens : Polycarbonate
 Base : ABS
 Light Source : 1W LEDs
 Approvals : SAE Class 1, ECE R10, ECE R65 Class 2
 Ingress Protection : IP67
 Operating Temperature : -40°C to 60°C



Introducing IONNIC Blade – Micro

Watch video



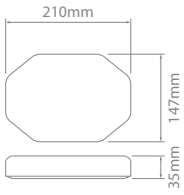
Watch a quick video showcasing the many features of the IONNIC Blade Micro.



Powerful in Output, Tiny in Size

Compact enough to easily fit inside a glovebox.

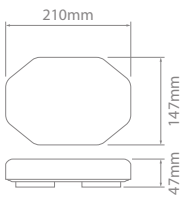




IONNIC Blade – Micro – 2 Bolt NEW

	Amber	Blue	Green	Magenta	Red
Coloured Lens	IL-0110	—	—	—	—
Clear Lens	IL-011C	IL-033C	IL-044C	IL-066C	IL-055C

Supplied with mounting hardware.
600g. Cable length – 0.4m.
16 flash patterns.



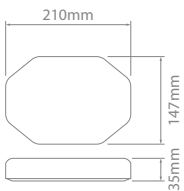
On/off (high or low output) & pattern select switches



IONNIC Blade – Micro – Magnetic NEW

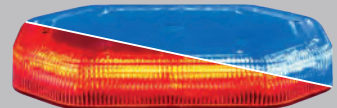
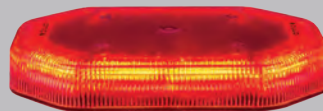
Coloured Lens	IL-0110-M
Clear Lens	IL-011C-M

900g. Cable length – 3.4m.
16 flash patterns.



Dual Colour

Dual Colour Blade Micro lightbars contain dual colour chip LEDs. Each colour is controlled independently, so each light pattern can function as either colour or both colours.



IONNIC Blade – Micro – 2 Bolt – Dual Colour NEW

Coloured Lens	Amber/Green	Red/Blue	Amber/Red
Clear Lens	IL-088C	IL-077C	IL-099C

Supplied with mounting hardware.
600g. Cable length – 0.4m.
17 flash patterns.



Lightbars

IONNIC LED Nano-Bar



LSQ-0660-M

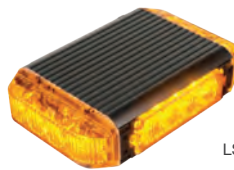
- One of the smallest LED lightbars on the market – 165mm long.
- 14 flash patterns.
- Magnetic version features cigar plug with integrated on/off & pattern select switches.
- Latest high output LED technology.
- Robust housing and lens.
- Can be synchronised.
- Multi-voltage.
- Full 360° light dispersion.
- Environmentally sealed LED modules – IP67.
- 5-year warranty.



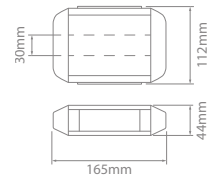
LSQ-0440

12V 30V 5Yrs

Voltage :	12–30V
Max. Current Draw :	4A @ 12V
Flash Patterns :	14
Mount :	4 x M5 Bolts / Magnetic
Lens :	Polycarbonate
Housing :	Aluminium
Weight :	1.0kg
Light Source :	3W LEDs
Ingress Protection :	LED Modules IP67
Operating Temperature :	-40°C to 60°C



LSQ-0110



IONNIC LED Nano-Bar – 4 Bolt

- | | | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Amber | Blue | Green | Magenta | Red | Amber/Green | Red/Blue |
| LSQ-0110 | LSQ-0330 | LSQ-0440 | LSQ-0660 | LSQ-0550 | LSQ-0550 | LSQ-0770 |

Supplied with 4 x M5 bolts, nuts, split ring & washers.
0.6kg. Cable length – 0.4m.

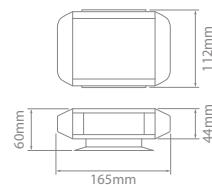
Dual colour models – Only the rotation flash pattern alternates between the two colours. The remaining flash patterns operate in the selected singular colour.



On/off & pattern select switches



Nano-Bar in drawstring carry bag



IONNIC LED Nano-Bar – Magnetic

- | | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Amber | Blue | Green | Magenta | Red | Red/Blue |
| LSQ-0110-M | LSQ-0330-M | LSQ-0440-M | LSQ-0660-M | LSQ-0550-M | LSQ-0770-M |

Supplied with drawstring carry bag.
1.1kg. Cable length – 3.0m

Dual colour models – Only the rotation flash pattern alternates between the two colours. The remaining flash patterns operate in the selected singular colour.

- True rotating LED.
- Heavy-duty, virtually unbreakable.
- Patented 'Hybrid Drive' technology. No gears, no belts, no brushes.
- SAE Class 1 rated output.
- Die-cast metal base.
- LEDs rated to 50,000 hours of operation.
- Low current draw.
- UV hard-coated polycarbonate lens.
- Multi-voltage.
- 5-year warranty.

Voltage : 12-24V
 Current Draw : 3.8A @ 12V
 Flash Rate : 120FPM (per rotator)
 Mount : 4 x M5 Bolts
 Lens : Polycarbonate
 Base : Die-cast metal
 Weight : 1.2kg
 Light Source : 8 LEDs
 Cable Length : 1.5m
 Approvals : ECE R10, CE, SAE Class 1
 Ingress Protection : IP67
 Operating Temperature : -30°C to 70°C



12V
24V

IP67

5Yrs



Rotating LED Technology

Patented Hybrid Drive technology – no gears, no belts, no brushes to wear out.

Rotating LED products avoid problems typically found in gear or belt-driven beacons by using a direct-drive stepper motor.

Rotating Light Output.

The light emitted from the 8 LEDs is collimated into a beam that shines straight up from the base.

A double-sided mirror is mounted to the shaft of the direct-drive stepper motor at 45° to intercept the beam and is rotated in a



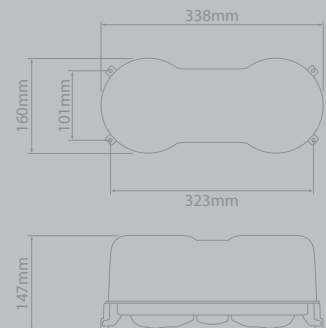
360° circle to sweep the beam much like a standard halogen rotator.

Longer life of LEDs over alternative lighting.

By default, LEDs provide a longer working life and greater resistance to vibration over alternative forms of lighting.

Lower current draw from LEDs.

LEDs require less current draw to provide an equal or greater light output compared to alternative lighting technologies.



Rotating LED Mini-Bar – 4 Bolt

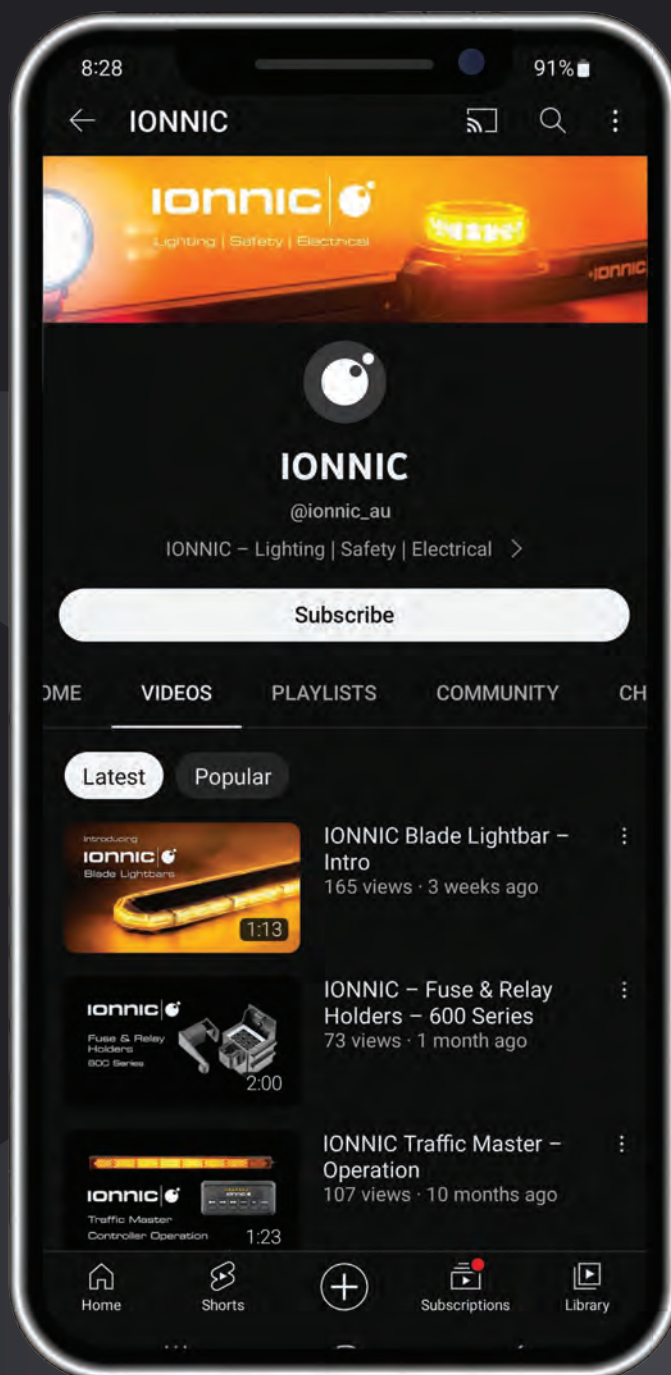
Amber

109000



IONNIC YouTube Channel

Product videos,
configuration tutorials
and more



- Features 103 Series LED beacons.
- Latest high output LED technology.
- Low current draw.
- Robust polycarbonate base and lens.
- Available in 6 lens colours. Other colour combinations available upon request.
- Available with clear lens and coloured LEDs.
- Multi-voltage.

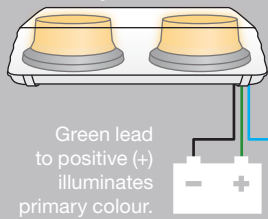


12V
24V

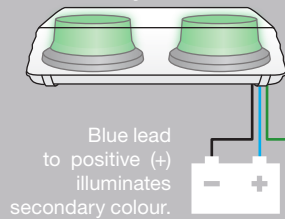
Voltage : 12-24V
 Current Draw : 6.4A @ 12V
 Light Source : LED
 Mount : 2 x 13mm Bolts
 Lens : Polycarbonate
 Base : Polycarbonate
 Ingress Protection : LED Beacons IP67

Colour Change Control

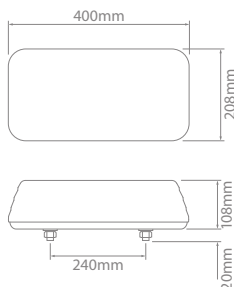
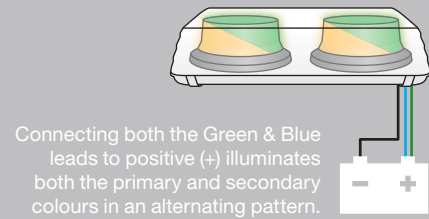
Primary Colour Mode



Secondary Colour Mode



Dual Colour Mode



LED Blaze

	Amber	Blue	Green	Red	Amber/Green	Red/Blue
Coloured Lens	691.AA00	691.AA10	691.AA40	691.AA50	691.AAS0	691.AA70
Clear Lens	691.AA0C	691.AA1C	691.AA4C	691.AA5C	691.AASC	691.AA7C
Colour Change (Clear Lens)	—	—	—	—	690.AASC	690.AA7C

Cable Length - 300mm.



Introducing

ionnic | 

Blade Lightbars





Watch
video



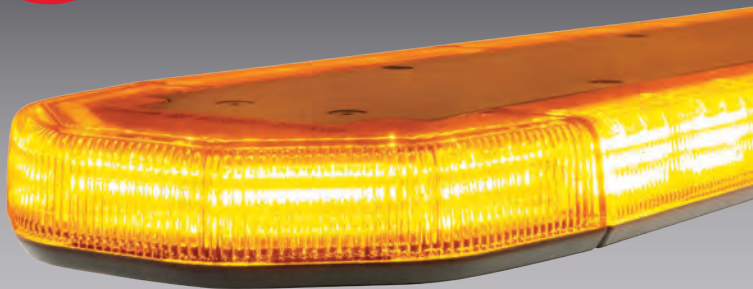
Watch a quick video showcasing the many features of the IONNIC Blade.



Lightbars

IONNIC Blade

NEW



- Latest lightbar technology featuring warning patterns, alley and take down lights and in-built traffic director.
- Includes switch panel providing control of all functions as well as real time operator feedback.
- 25 flash patterns including traffic direction patterns.
- Low profile – 35mm.
- Polycarbonate lens for high durability.
- Lightbars environmentally sealed – IP67.
- Breather filter technology to prevent ingress.
- Dimming function via controller.
- Multi-voltage.
- 3-year warranty.

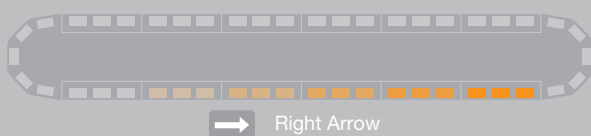
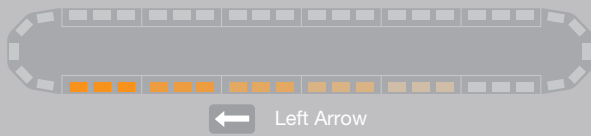
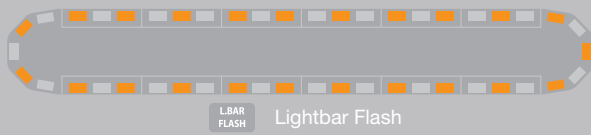


10V 30V IP67 3Yrs

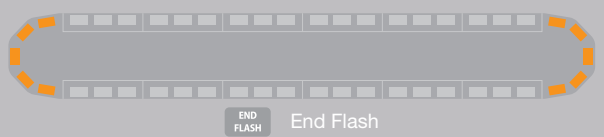
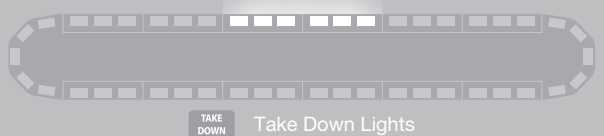
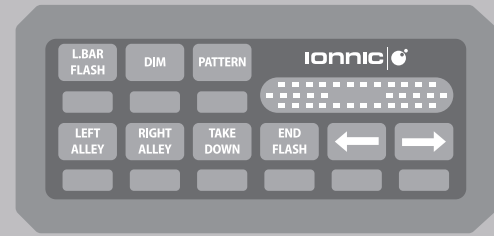
Voltage : 10–30V
 Mount : 4 x M6 Bolts
 Lens : Polycarbonate
 Base : Aluminium
 Light Source : 1W LEDs
 Cable Length : 6.5m
 Approvals : SAE Class 1, ECE R10, ECE R65 Class 2 (End Flash only)
 Ingress Protection : Lightbars IP67
 Operating Temperature : -40°C to 60°C

Simple, Comprehensive Control

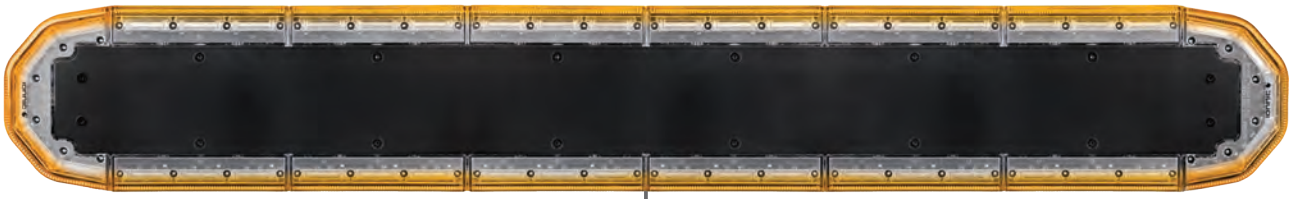
The purpose-built switch panel provides simple and total control of all lightbar functions.



PATTERN Pressing the PATTERN button while in Right Arrow, Left Arrow or Lightbar Flash mode will cycle through the available patterns.



DIM Pressing the DIM button will reduce light output intensity.



Lightbar Flash

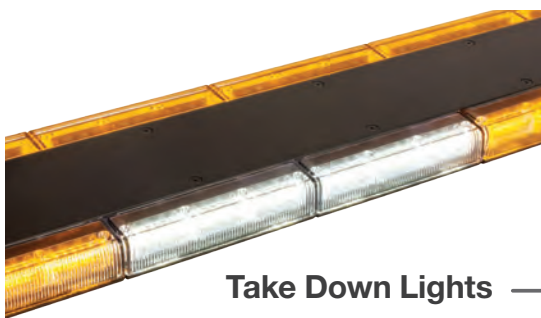


Left Alley Light



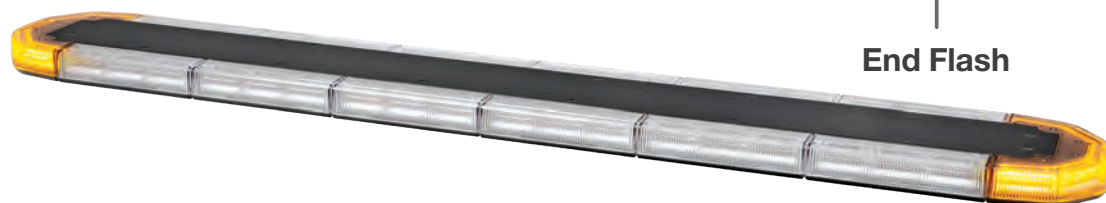
Right Alley Light

Watch a video on the IONNIC Blade operation



Take Down Lights

All in one Lightbar
All this functionality, including Lightbar Flash patterns, Alley Lights, Take Down Lights, End Flash and traffic control through Left/Right Arrows, come standard with the Blade Series lightbars.



End Flash



Left Arrow, Right Arrow

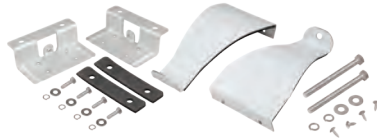


Lightbars

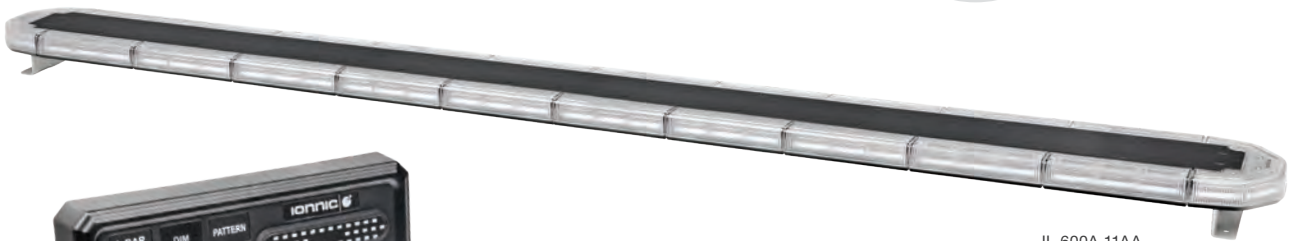
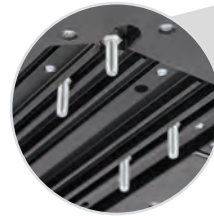


IL-200A-11AA

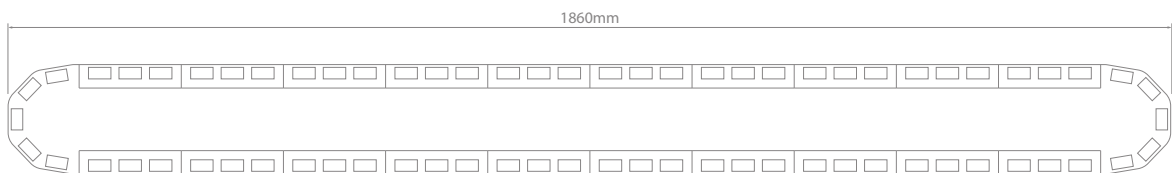
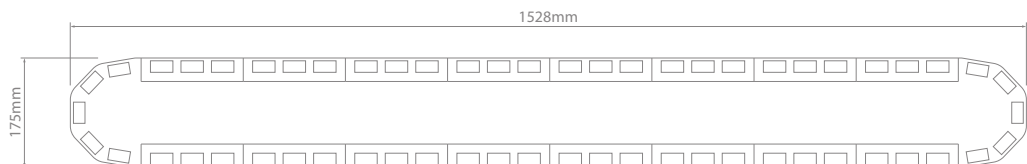
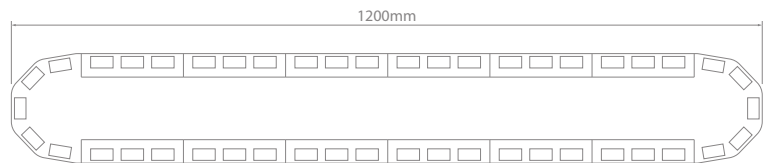
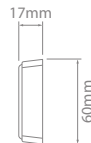
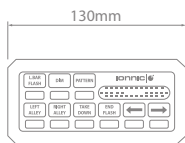
Supplied with brackets and mounting hardware



Mounting channel runs entire length of bar



IL-600A-11AA



IONNIC Blade NEW

Length	Max. Current Draw	Amber	Blue	Green	Magenta	Red	Red/Blue	Amber/Green
1200mm	23A @ 12V	IL-200A-11AA	IL-233A-11AA	IL-244A-11AA	IL-266A-11AA	IL-255A-11AA	IL-277A-11AA	IL-288A-11AA
1528mm	29A @ 12V	IL-400A-11AA	IL-433A-11AA	IL-444A-11AA	IL-466A-11AA	IL-455A-11AA	IL-477A-11AA	IL-488A-11AA
1860mm	35A @ 12V	IL-600A-11AA	IL-633A-11AA	IL-644A-11AA	IL-666A-11AA	IL-655A-11AA	IL-677A-11AA	IL-688A-11AA

Supplied with switch panel, brackets and mounting hardware including universal gutter mount.

Colour combinations available upon request, lead times apply.

All lenses are clear.

NEW

IONNIC Blade – Mini

- 15 flash patterns.
- Low profile – 35mm.
- Polycarbonate lens for high durability.
- Environmentally sealed – IP67.
- Breather filter technology to prevent ingress.
- Dimming function.
- Multi-voltage.
- 3-year warranty.



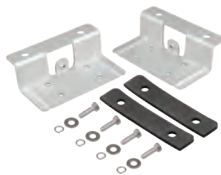
IL-1110-0

Voltage : 10–30V
Mount : 4 x M6 Bolts
Lens : Polycarbonate
Base : Aluminium
Light Source : 1W LEDs
Cable Length : 3.1m
Weight : 2.6kg
Approvals : SAE Class 1, ECE R10
Ingress Protection : IP67
Operating Temperature : -40°C to 60°C

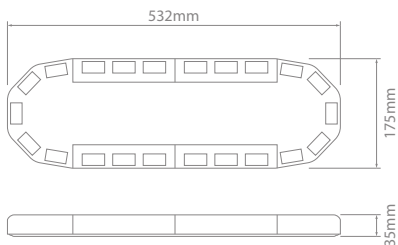
10V 30V IP67 3Yrs



Supplied with brackets and mounting hardware



Mounting channel runs entire length of bar



IONNIC Blade – Mini NEW

Length	Max. Current Draw	Amber	Blue	Green	Magenta	Red	Red/Blue	Amber/Green
532mm	11A @ 12V	IL-1110-0	IL-1330-0	IL-1440-0	IL-1660-0	IL-1550-0	IL-1770-0	IL-1880-0

Supplied with brackets and mounting hardware.

Colour combinations available upon request, lead times apply.

All lenses are clear.



ionnic |

Minebars





Ionnic | 

Mineboars



Minebars



Minebars **64**



ROPS Bar **69**

Minebars

Minebars



- Featuring all premium products including the IONNIC 103 LED beacon, NORDIC CANIS GO 410 worklamp and the Brigade tonal and bbs-tek® reversing alarms.
- Designed and manufactured in Australia from high-quality components.
- Models also available with forward-facing turn signal LEDs.
- All minebars equipped with ADR approved IONNIC LED combination lamps – stop, tail, indicator & reverse lamps.
- Extruded aluminium bar providing greater strength and adaptability.
- Stepped edge allows for the use of Rhino-Rack® mounting kits.
- Multi-voltage.



Voltage : 12–24V
 Bar : Powder Coated Aluminium
 Harness Length : 4m



21003AF & 21005AF feature forward turn signal LEDs

Stepped edge allows for the use of Rhino-Rack® mounting kits

Mounting channel runs entire length of bar allowing virtually unlimited mounting options

Built upon IONNIC's proven minebar platform using only quality components from trusted manufacturers. Exclusively designed and manufactured in Australia.



Configurations are available with:

- NORDIC worklamps
- Brigade tonal or bbs-tek reversing alarms
- IONNIC LED beacons
- IONNIC Blade



NORDIC CANIS GO 410 Worklamp

Tough, compact with powerful light output. Cast alloy body with IP68 environmental protection.

For more info visit ionnic.com or contact your nearest reseller.

IONNIC 103 LED Beacon

SAE class 1 rated output, IP67, low current draw, low profile and highly durable.

See page 10 for more details.



Brigade – bbs-tek® White Sound or Tonal Reversing Alarms

Environmentally sealed to IP68 with the option of bbs-tek white sound (shh shh shh) or tonal (bleep bleep bleep).

For more info visit ionnic.com or contact your nearest reseller.



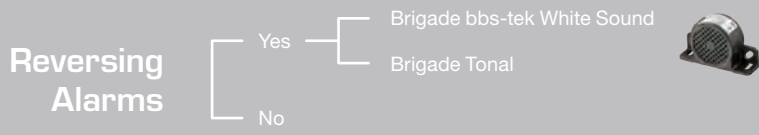
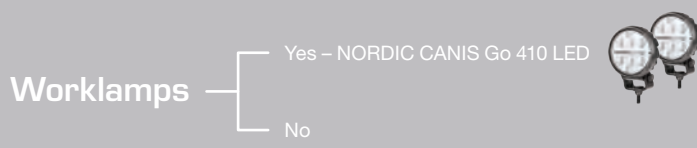
IONNIC Combination Slimline Lamps

Stop, tail and reverse LED lighting. Durable, IP67, ADR approved.

Forward-facing turn signal LED lamps also available on select minebars.

For more info visit ionnic.com or contact your nearest reseller.

Minebar Core Range Options:

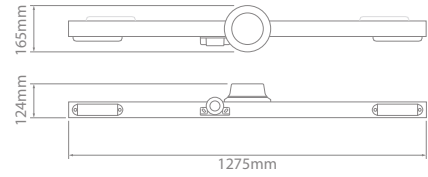


Minebars



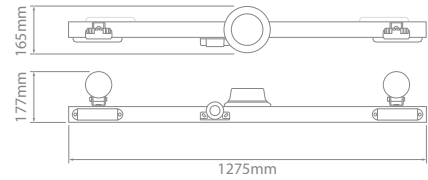
21003A, 21003AF, 21003B, 21003BF

Fig 1



21005A, 21005AF, 21005B

Fig 2

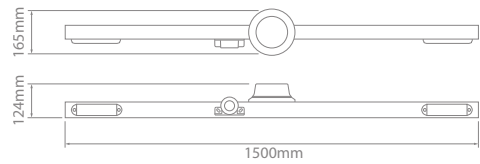


Minebars – 1275mm

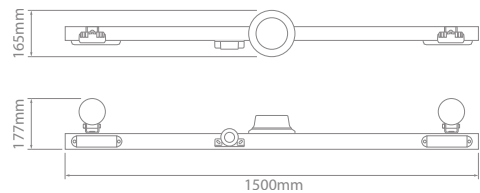
Part No.	Alarm Type	Sound Level – dB(A)@1m	Forward Facing Turn Signal LEDs	Worklamps	Fig
21003A	Tonal	97	—	—	1
21003AF	Tonal	97	•	—	1
21003B	bbs-tek	92	—	—	1
21003BF	bbs-tek	92	•	—	1
21005A	Tonal	97	—	•	2
21005AF	Tonal	97	•	•	2
21005B	bbs-tek	92	—	•	2
21005BF NEW	bbs-tek	92	•	•	2



31003A



31005A

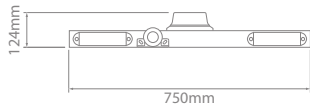


Minebars – 1500mm

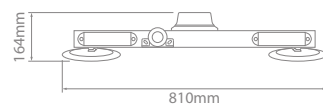
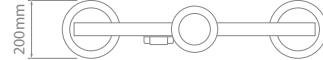
Part No.	Alarm Type	Sound Level – dB(A)@1m	Worklamps
31003A	Tonal	97	—
31005A	Tonal	97	•



1103A



1104A



Minebars – 750mm

Part No.	Alarm Type	Sound Level – dB(A)@1m	Mount Type
1103A	Tonal	97	2 Bolt
1104A	Tonal	97	Magnetic

Magnetic version requires fitment of user supplied trailer plug assembly.
Not recommended for highway use.



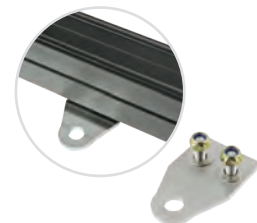
905A09



905A13



905A14



905FB

Mounting Kits

Part No.	Description	Suits	
		1275mm Minebars	1500mm Minebars
905A09	Universal bolt down mounts	•	•
905A13	Suits Toyota Prado with genuine roof rails	•	—
905A14	Suits Toyota Prado without roof rails & 200 Series Landcruiser	•	—
905FB	Accessory mount. Ideal for aerials, flags etc. Ø12.5mm mounting hole	•	•

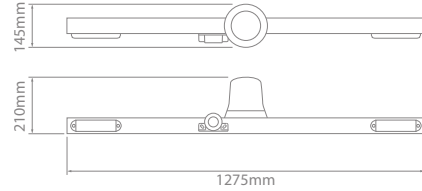
Not suitable for use with 750mm minebars.



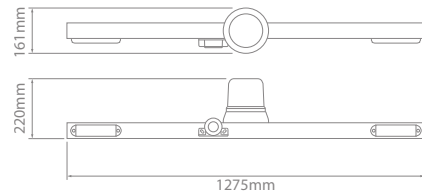
Minebars



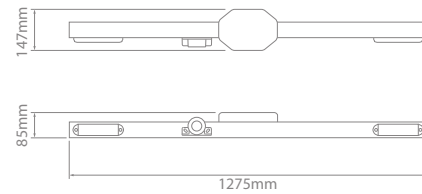
20003A



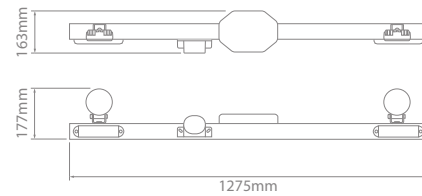
20006A



222003A



222005BSA



Minebars – 1275mm – Specials

Part No.	Voltage	Beacon Type	Alarm Type	Sound Level – dB(A)@1m	Worklamps
20003A	12*	Halogen Rotating	Tonal	97	—
20006A	12–24	LED Rotating	Tonal	97	—
222003A NEW	12–24	IONNIC Blade – Micro	Tonal	97	—
222005BSA NEW	12–24	IONNIC Blade – Micro	bbs-tek Self-Adjusting	77–97	•

* 20003A in 24V available upon request, lead times apply.

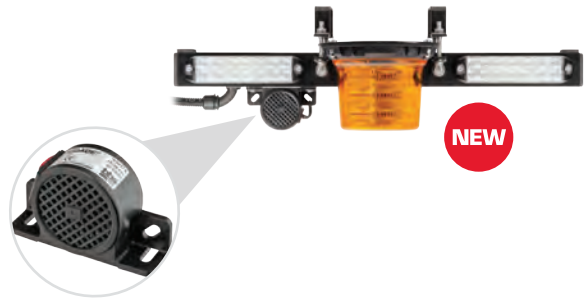
- Featuring all premium products including the IONNIC 106 LED beacon, LED combination lamps, and Brigade bbs-tek® reversing alarms.
- Designed and manufactured in Australia.
- Conforms to road registration lighting requirements.
- Quick and easy installation clamps to ROPS.
- ADR compliant LED lamps front & rear.
- 4m Schlemmer protected harness with TE DEUTSCH connector kit supplied.
- Supplied with mounting kit.
- Multi-voltage.



Voltage : 12-24V
 Beacon Lens : Polycarbonate
 Light Source : LED
 Bar : Powder Coated Aluminium
 Harness Length : 4m

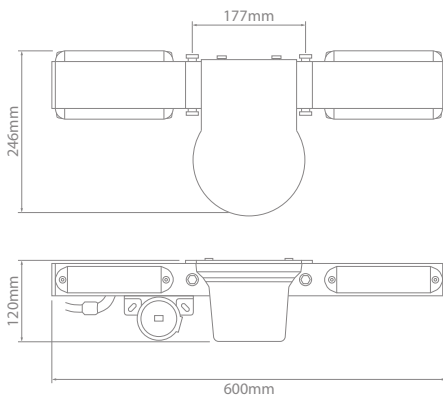


Forward turn signal LEDs



Brigade bbs-tek® white sound reversing alarm

NEW



Roll Over Protection System Bar



Typical Installation showing bar clamped to ROPS.

ROPS Bar

Part No.	Alarm Type	Sound Level – dB(A)@1m
50002A	bbs-tek	87



Switching Systems



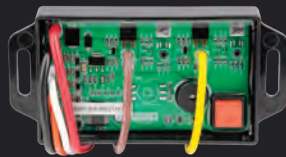
Switching Systems



ICS Switch Panel Kit 72



ESM Mini Kit 74



Hand Brake Alarm Module 76



Headlights On Units 77

Switching Systems

ICS Switch Panel Kit



Actual size

- Developed to control lighting and other electronic automotive accessories.
- Incorporates the latest in onboard circuit protection and monitoring technology.
- Each output surge protected to 6A.
- 3 user-configurable master switches.
- All switches can be set to latching or momentary.
- Mounting point on back of switch panel – use with common 1/4" thread adjustable mounts.
- Epoxy-encapsulated receiver module for enhanced moisture and vibration protection.
- Includes 4 decals.
- 8 outputs (6A each).
- Multiple outputs can be combined to allow switching of high current loads.
- Eliminates excess wiring.
- Multi-voltage.
- Compact design.

12V
24V

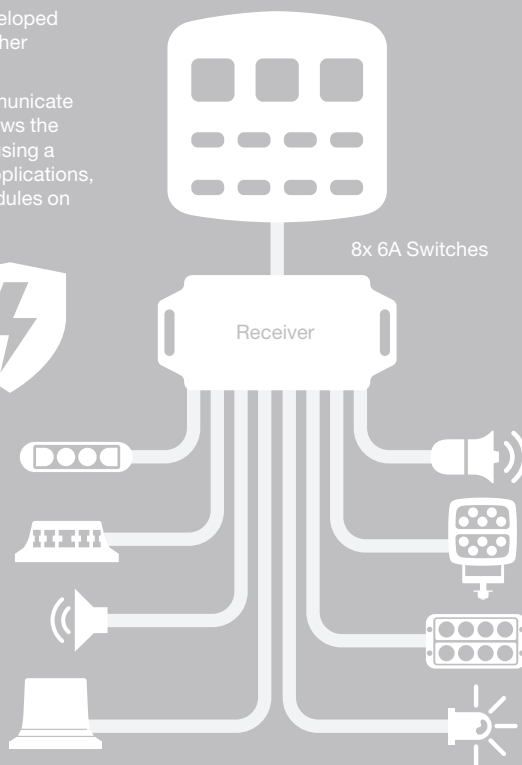
Voltage :	12–24V
Outputs :	8
Max. Output Current Rating (per output) :	6A
Max. Output Current Rating (total) :	40A
Cable Length :	4.5m
Housing :	ABS
Operating Temperature :	-40°C to 85°C

The ICS Switch Panel has been developed to control all types of lighting and other electronic automotive accessories.

The switch panel and receiver communicate using a proprietary signal which allows the switching system to be configured using a single receiver module for typical applications, or with additional slave receiver modules on larger systems or vehicles.

The ICS Switch Panel incorporates the latest in onboard circuit protection technology.

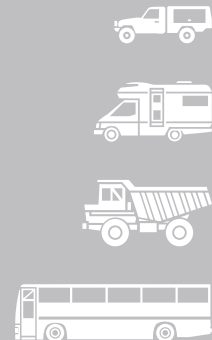
In the event of a short circuit the system immediately turns off the affected output preventing damage to the switch panel and devices controlled by it. The panel provides real-time feedback to the operator via LED's on both the panel and receiver module as to the state of each output.



In the event of an intermittent short circuit the output of the affected circuit will turn off and remain off for 4 seconds.

After this period of time the ICS will check the circuit, if no short is present, it will automatically turn the output back on.

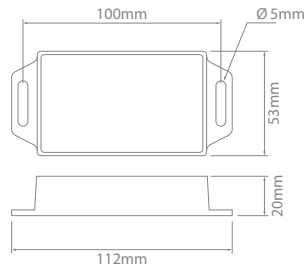
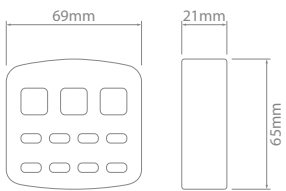
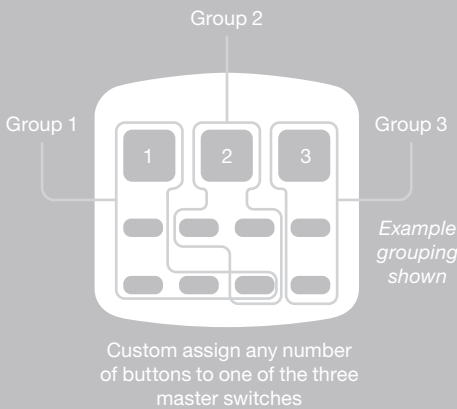
All circuits are monitored and controlled independently. In the case of a short circuit, only the affected output is isolated while all others remain operational.



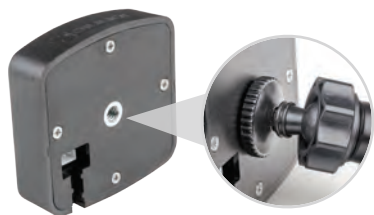
Master Switches

The ICS switch panel features 3 user-configurable master switches. These switches can be used to link any combination of the 8 individual switches together to allow activation of multiple circuits via the switching of a single button.

Note that individual switches can be associated with more than one master switch.



Receiver Module



Mounting point on back of switch panel – use with common 1/4" thread adjustable mounts. Mount not supplied



ICS Switch Panel Kit

Part No.	Voltage	Kit Contents
ICS-01	12–24	1 x Switch Panel 1 x Receiver Module 1 x 4.5m Cable (Switch Panel to Receiver) 4 x Overlay Function Decals 1 x Mounting Screws & Washers 1 x Double-sided Mounting Tape



ICS Switch Panel – Accessories & Related Products

Part No.	Description
ICS-01S	Receiver module
50127	AMP Superseal kit – 3 circuits – Receptacle. Includes contacts and seals
50128	AMP Superseal kit – 3 circuits – Plug. Includes contacts and seals
HT-4301	Parallel crimping tool. Crimp range – 0.35–0.5, 0.75, 1.0, 1.5mm ²



Switching Systems

ESM Mini Kit



12V
24V

- Electronically controlled switch module with inbuilt circuit monitoring and protection.
- Each output surge protected to 8A.
- 6 inputs, 6 outputs – 12V.
- 5 inputs, 5 outputs – 24V.
- Compact design.
- Save space and installation time.
- Eliminates excess wiring.
- Multi-voltage.
- Epoxy filled for enhanced moisture and vibration protection.

Voltage :	12-24V
Inputs :	6 x 12V, 5 x 24V
Outputs :	6 x 12V, 5 x 24V
Max. Output Current Rating (per output) :	7A
Max. Output Current Rating (total) :	20A
Housing :	ABS
Cable Length :	120mm
Operating Temperature :	-40°C to 85°C

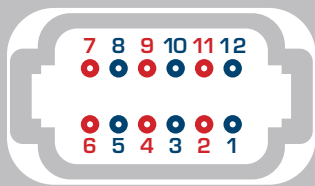
The ESM Mini is a compact, electronically controlled switch module with inbuilt circuit monitoring and protection.

The unit can be used in any application where conventional circuit protection may have been used in the past.

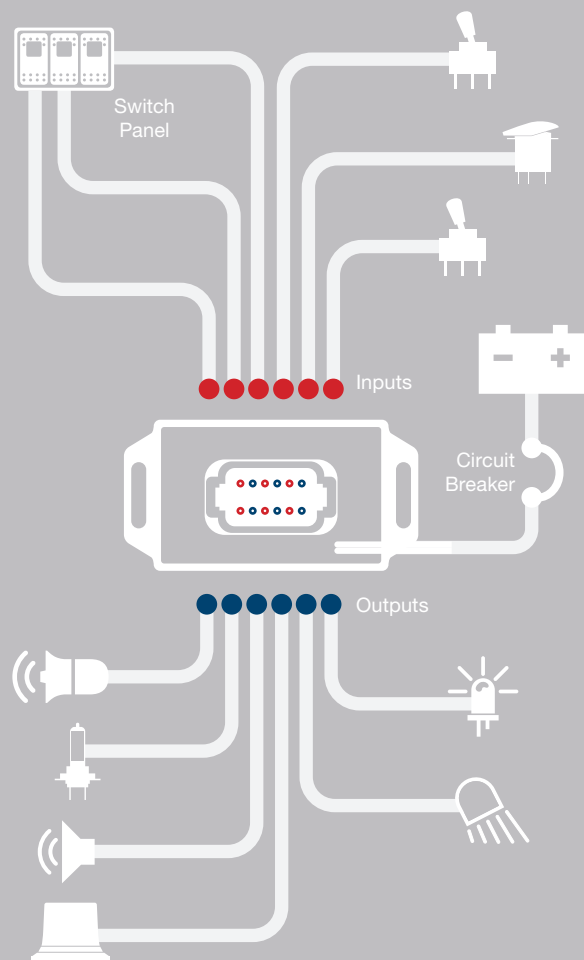
The ESM Mini can be used for any application, from connecting auxiliary lighting off original vehicle tails lights, e.g. Minebar hook-up, to monitoring and protecting a range of auxiliary equipment switched off the original vehicle inputs or from aftermarket toggle, rocker switches etc.

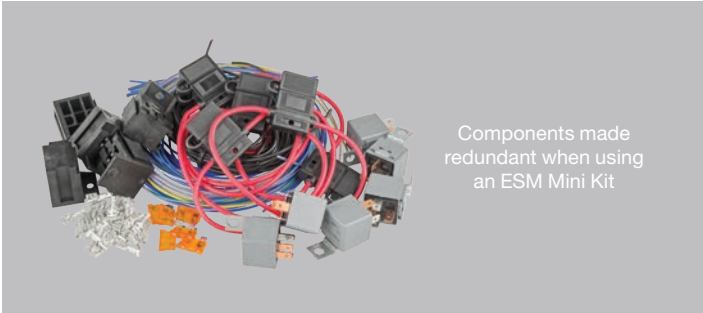
If a short circuit or over-current condition presents on any of the outputs, the affected output will shut down. This circuit will then cycle 3 times (on/off), and if the over-current situation is still present, the output will then be locked in the off state until the fault is rectified and the input is reset.

Circuit 1	Circuit 2	Circuit 3
Input - 4	Input - 2	Input - 6
Output - 3	Output - 1	Output - 5
Circuit 4	Circuit 5	Circuit 6
Input - 11	Input - 9	Input - 7
Output - 12	Output - 10	Output - 8

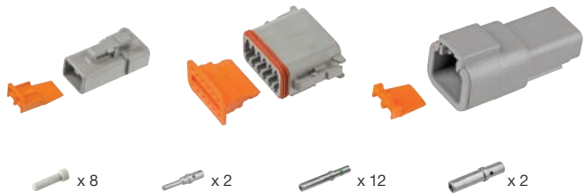
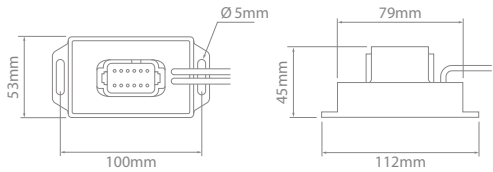


Inductive loads must not be used on the input or output circuits without additional external protection. Failure to do so may result in damage to the unit and will void warranty.





Components made redundant when using an ESM Mini Kit



ESM Mini Kit

Part No.	Voltage	Switching	Kit Contents:
ESM006	12-24	Positive	1 x ESM006 Control Module 1 x Connector – DT Series (DT06-12SA) 1 x Connector – DTP Series (DTP04-2P) 1 x Connector – DTP Series (DTP06-2S) 8 x Cavity Plug (114017)
			1 x Wedgelock – DT Series (W12S) 1 x Wedgelock – DTP Series (WP2P) 1 x Wedgelock – DTP Series (WP2S) 2 x Pin – Solid (0460-204-12141) 12 x Socket – Solid Green Band (0462-209-16141) 2 x Socket – Solid (0462-203-12141)



DET12, DET16



HDT48-00



DET-RT



CB255-XX



P-WSBFH/5



BFXX/10

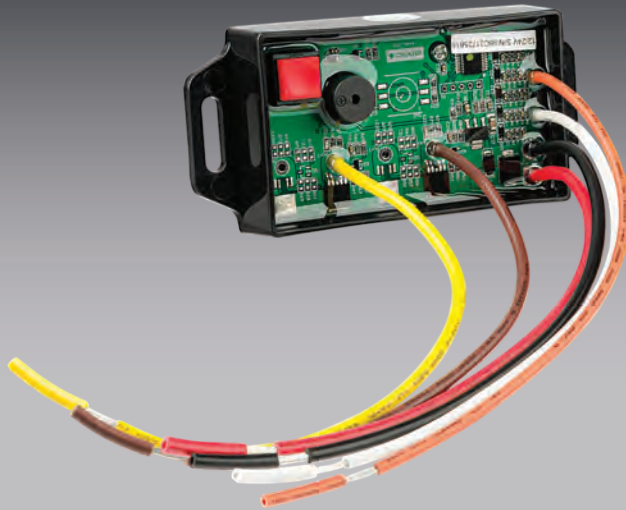
ESM Mini – Accessories & Related Products

Part No.	Description
DET12	Crimping tool. Size 12
DET16	Crimping tool. Size 16
HDT48-00	Crimping tool. Size 12, 16, 20 & 22 HDT-48-00 has a 90 day warranty.
DET-RT	Multi-use hook tool
CB255-XX	Circuit breaker – Panel Mount Series Replace 'XX' with desired amperage: 10, 15, 20, 25, 30, 35, 40, 50
P-WSBFH/5	ATC fuse holder kit – 30A Kit contents: 5 x Housing, 5 x Plugs, 10 x Terminals
BFXX/10	ATC/ATO blade fuses, pack of 10 Replace 'XX' with desired amperage: 1, 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30, 40



Switching Systems

Hand Brake Alarm Module

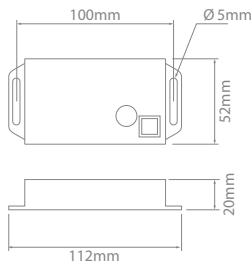
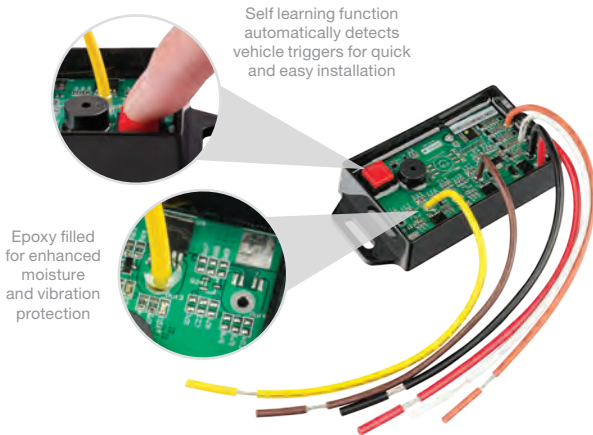


12V
24V

2Yrs

- Can be adapted to any vehicle.
- Self learning function automatically detects vehicle triggers for quick and easy installation.
- Designed to signal when hand brake is not engaged and vehicle door opens.
- Satisfies mine site requirements.
- 2 stage outputs.
- Compact easy installation.
- Suitable for positive and negatively switched vehicles/applications.
- Epoxy filled for enhanced moisture and vibration protection.
- Can be used as a general 2 stage alarm module.
- 2-year warranty.

Voltage : 12–24V
 Current Rating : 2 x 4A @ 12V
 Body : ABS
 Cable Length : 150mm
 Operating Temperature : -40°C to 70°C

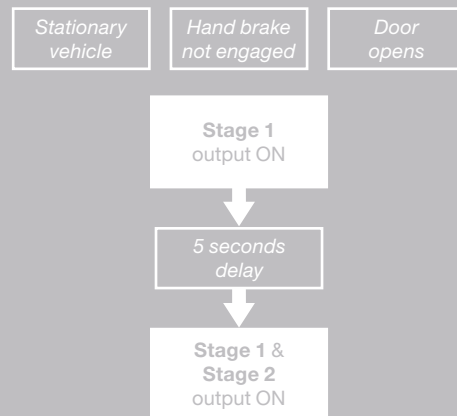


Hand Brake Alarm Operation

The MS-HB01 Hand Brake Alarm Module is designed to satisfy the mine site requirement where all stationary vehicles must have the hand brake engaged.

The MS-HB01 does this by triggering alarms when a vehicle operator attempts to leave the vehicle by opening one or more of the doors without applying the hand brake.

The MS-HB01 unit is a 2 stage device.



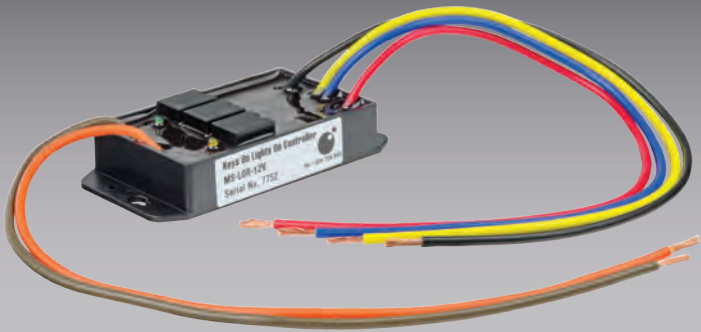
Device deactivation will only occur when the hand brake is applied. Closing the door alone will not deactivate the unit.

Hand Brake Alarm Module

Part No.	Description
MS-HB01	Suits any positive or negatively switched vehicle

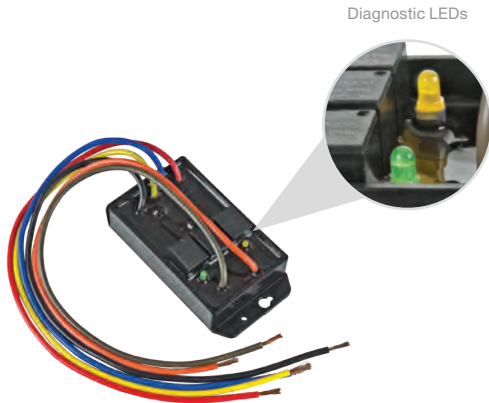
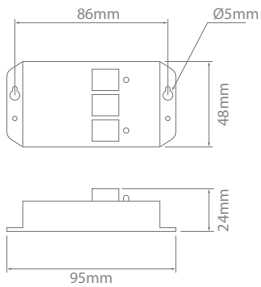
Installation on late model multiplexed vehicles must be performed by a qualified technician.

- Can be adapted to any vehicle.
- Designed to operate park & low beam lights any time vehicle ignition is on.
- 10 second start-up delay.
- Compact easy installation.
- Diagnostic LEDs.
- Available in positively and negatively switching models.
- Epoxy filled for enhanced moisture and vibration protection.
- 2-year warranty.



Voltage : 12V
 Housing : ABS
 Cable Length : 200mm
 Operating Temp : 0°C to 85°C

2Yrs



Headlights On Units

Part No.	Suits
MS-LOR-12V	Negatively switched headlights
MS-LOP-12V	Positively switched headlights

Installation on late model multiplexed vehicles must be performed by a qualified technician.



ELECTRICAL



Contura & Push Button Switches



ICS Switch Panel



ESM Mini



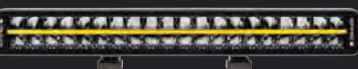
Battery Lockout Kits



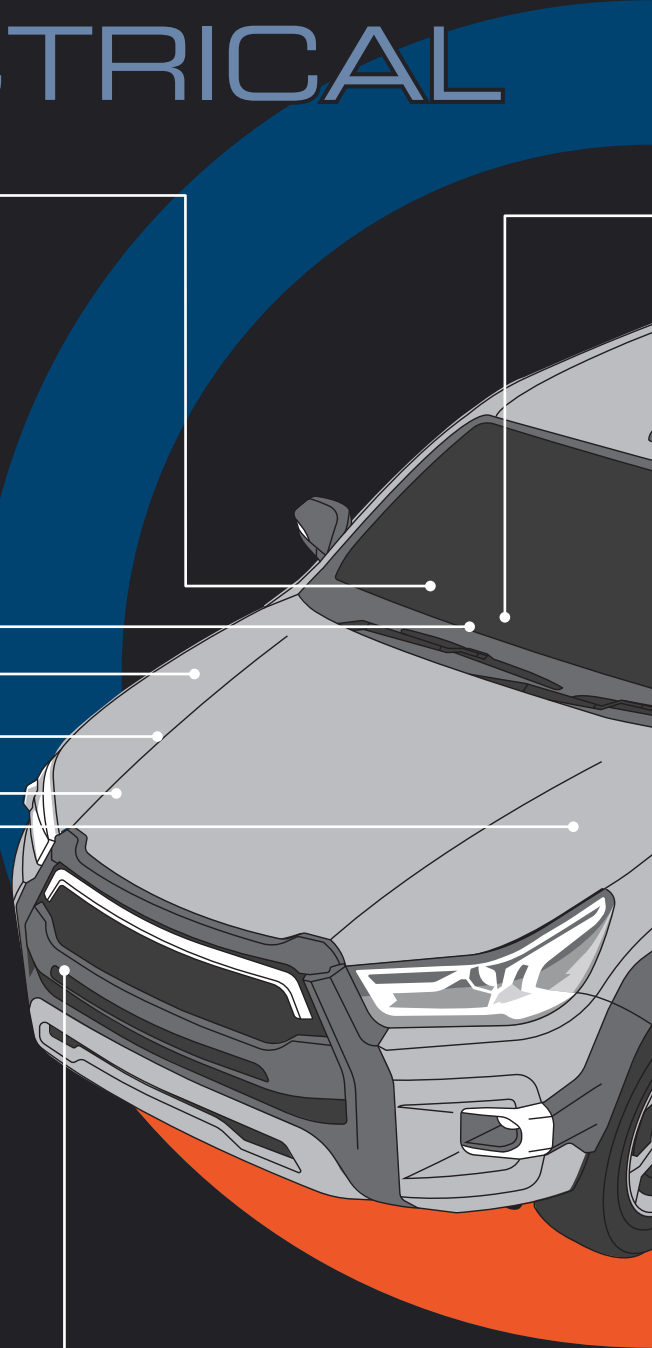
Headlights On & Handbrake Alarm



Power Distribution Modules



Night Ranger Driving Lights



GME Radio Systems



Mining Safety Accessories



SAFETY

Brigade CCTV Systems



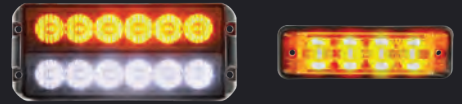
bbs-tek Reversing Alarms



LED Beacons



LED Warning Lights



Blade Lightbars



LIGHTING

IONNIC Minebars



Worklamps



For more info on any of these product lines visit ionnic.com or contact your nearest reseller.

Traffic Direction



Traffic Direction



Variable Message Signs **82**



LED Message Display **84**



Arrow Boards **86**



IONNIC Traffic Master **90**



IONNIC Traffic Director **92**

Traffic Direction

Variable Message Signs

NEW



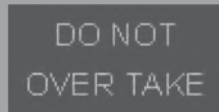
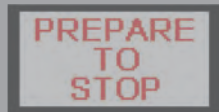
- Three sizes of message boards programmable using touch screen controller.
- Aluminium encased 5" touch screen LCD controller.
- RGB modules allowing wide range of colour options.
- Real-time image preview.
- Automatic brightness control (message board).
- Hundreds of preloaded colour graphics.
- Intuitive interface makes creating, editing and saving graphics & messages easy.
- Wide, consistent viewing angle – 120°.
- Passive cooling – no fans.
- Signs are environmentally sealed – IP66.
- 2-year warranty.

2Yrs

NEW

Message Board Housing :	Powder Coated Aluminium
Harness Length :	7.5m
Message Board :	IP66
Operating Temperature :	-20°C to 50°C

Complete Message Control



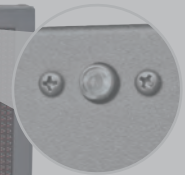
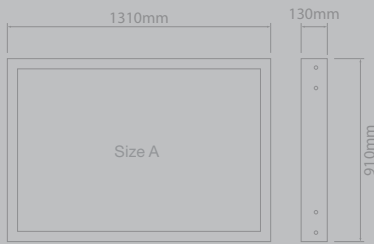
Select from hundreds of preloaded graphics



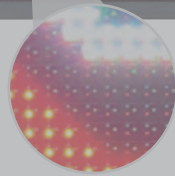
Customise your own messages with up to 3 screen transitions



Traffic Direction



Light sensor for automatic brightness control

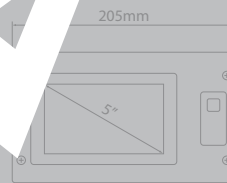


Each LED module contains a red, green & blue LED

IP66



Supplied with 7.5m Power Harness.
Controller Harness sold separately – see below



Variable Message Signs – Kits NEW

Part No.	Size	Display Size (mm)	Display Size (LED Modules)	Voltage	Max. Current Draw	Weight (kg)
VMS002-12V	A	1200 x 800	72 x 48 (3456)	12	22.5A	98
VMS002-24V	A	1200 x 800	72 x 48 (3456)	24	11.2A	98
VMS001-12V	B	1600 x 800	97 x 48 (4656)	12	27.6A	135
VMS001-24V	B	1600 x 800	97 x 48 (4656)	24	13.8A	135
VMS003-24V	C	2000 x 1200	120 x 72 (8640)	24	20A	275

Kit contents:
1 x Single-sided Message Board
1 x Touch Screen Controller
1 x 7.5m Power Harness
* Controller Harness sold separately – see below



Variable Message Signs – Controller Harnesses NEW

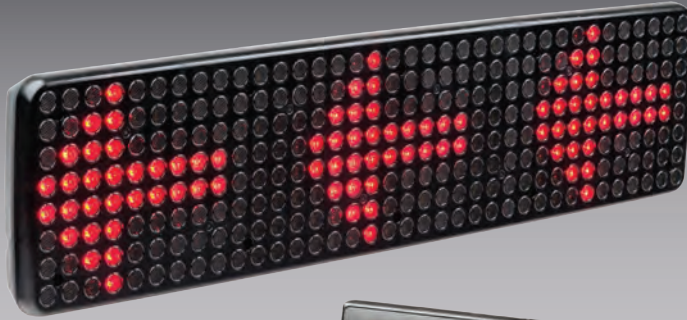
7.5m	10m	15m	20m
VMS-CABLE-7.5M	VMS-CABLE-10M	VMS-CABLE-15M	VMS-CABLE-20M

1 x Controller Harness required per VMS Kit.



Traffic Direction

LED Message Display



10V
30V

- Touch screen controller.
- Simple and easy to operate user interface.
- 2GB Micro SD card message storage.
- Up to 99 messages.
- PC software to create/edit messages.
- Easily readable from 100m.
- Auto text rotation when mounted upside-down.
- ECE R10 & C-Tick approved.
- Protected against reverse-polarity, supply transients and thermal overload.
- Multi-voltage.
- Park, ignition and remote switching inputs.
- Message Display environmentally sealed – IP67.

Voltage :	10–30V
Max. Current Draw :	2.6A @ 13.6V
Weight :	2.2kg
Light Source :	8 x 36 (288) LEDs
Controller Harness Length :	0.6m
Controller Extension Harness Length :	2.5m
Display Harness Length :	5m
Touch Screen :	Resistive
Approvals :	ECE R10 (display only), C-Tick No. N19830
Ingress Protection :	Display IP67
Operating Temperature :	-20°C to 65°C

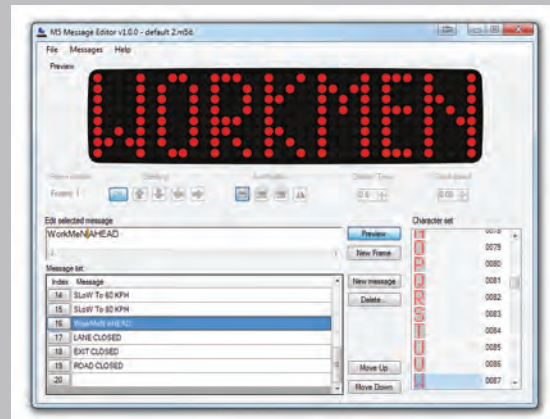


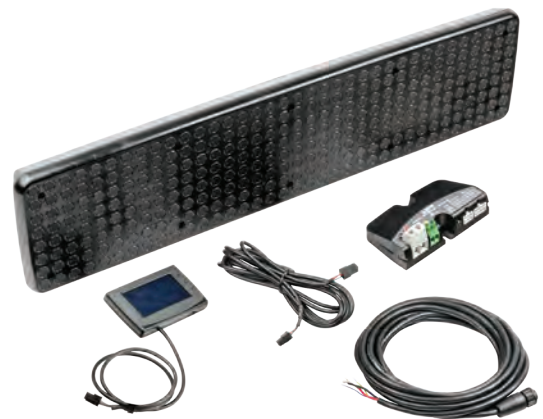
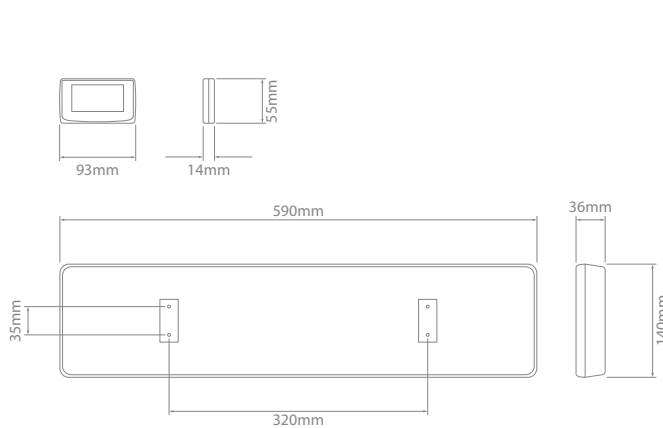
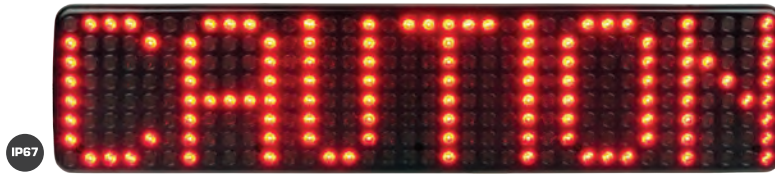
Resistive
touch screen
functionality

Programming Software

Simple user-friendly PC software supplied on microSD card.
Using the Message Editor software, easily create/edit up to 99 custom messages and upload to the memory card.

Supplied with
2GB microSD
card and adaptor





LED Message Display Kit

Part No.	Kit Contents
CD0012R	1 x Display Board 1 x Touch Screen Controller 1 x 2.5m Controller Extension Harness 1 x 5m Display Harness 1 x Junction Box

Double-sided Setup

When configured as double-sided, messages using arrows automatically reverse on the supplemental display, thereby assuring both displays are pointing in the same direction.



LED Message Display – Accessories

Part No.	Description
CD0012R-S1	Supplemental display for double-sided configurations



Traffic Direction

Arrow Boards



AAB-BB



- Complies to Australian standards and RMS FAS/5.
- High intensity LED inserts certified to AS4192:2006.
- Double-sided models available.
- Simple wiring installation.
- Optional electric actuator available.
- Integrated actuator control & beacon switch.
- Compact controller with real-time display & audible lamp failure alarm.
- Low current draw.
- Multi-voltage.

Voltage : 12–24V
Lens : Polycarbonate
Board : Powder Coated Aluminium
Controller Harness Length : 15m
Power Harness Length: 10m
Light Source : LED (NATA Certified Lamp)
Operating Temperature : -10°C to 60°C
Warranty : 2-year, 5-year (lamps only)
Approvals : RTA FAS/5 (A & B boards only)
 Australian Standards AS4192:2006
 C-Tick No. N24440, NATA Certified (lamps only)
 Australian Standards Visibility Distances for
 A Board (500m), B Board (1000m), C Board (1500m)



Master Switch and Fuse Assembly

Double-Sided Board
AAB-BB-DBL

Double-Sided Board
Controller

Flash Patterns

Flashing Arrow Right



1

2

3

Flashing Arrow Left

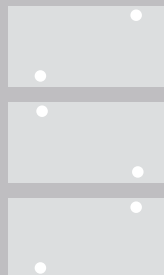


1

2

3

Corner Caution
(alternates)



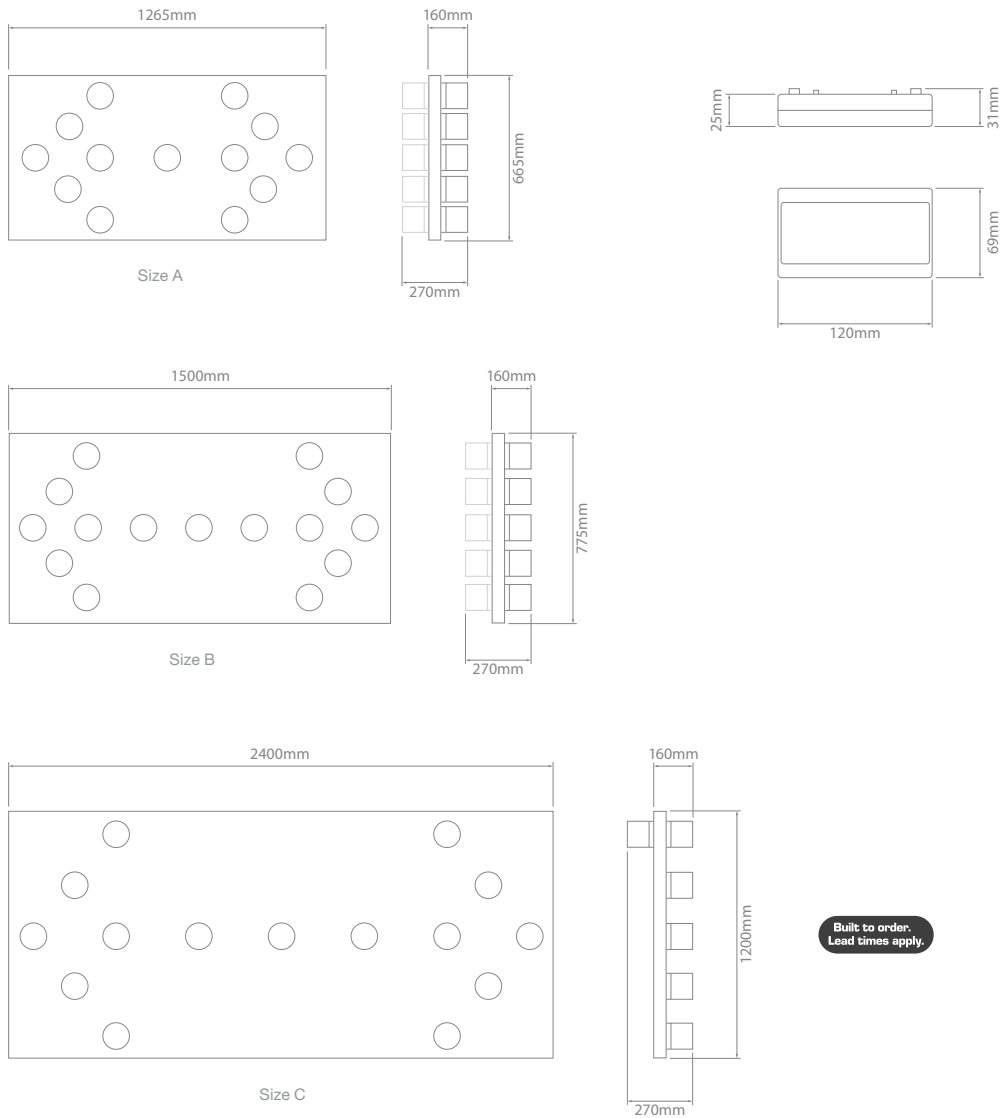
1

2

3

Flashing Double Arrows





**Built to order.
Lead times apply.**

Arrow Boards

Part No.	Board Type	Lamps	Sides	Max. Current Draw	Weight (kg)
AAB-AB	A	13	Single-sided	2.1A @ 12V	16.6
AAB-AB-DBL	A	13	Double-sided	4.2A @ 12V	18.7
AAB-BB	B	15	Single-sided	2.5A @ 12V	21.6
AAB-BB-DBL	B	15	Double-sided	5A @ 12V	25.3
AAB-CB	C	15/17*	Single-sided	2.5A @ 12V	55

Supplied with Controller and Harness.

* Supplied with 2 separate lamps for optional installation to back of board.



Traffic Direction



AAB-L0010



AAB-L0004



AAB-R0050, AAB-R0040



TA4-12V, TA4-24V

Arrow Boards – Spare Parts / Accessories

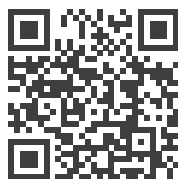
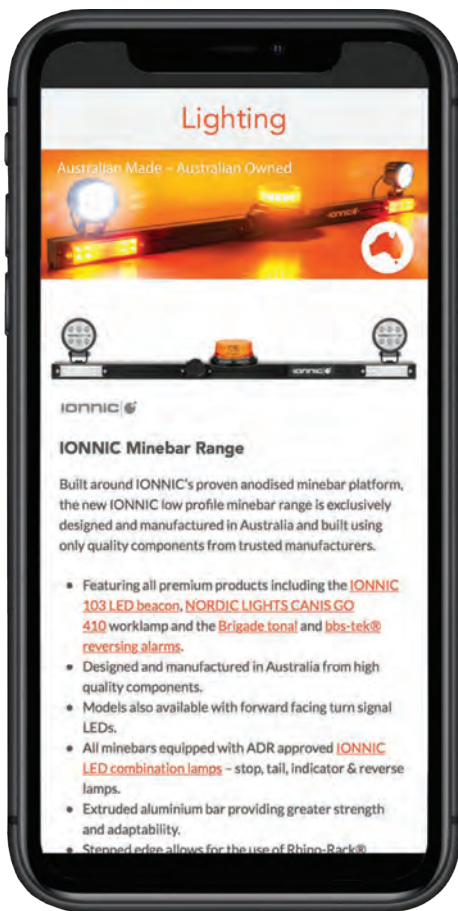
Part No.	Description	Suits
AAB-L0010	LED insert including shroud. 12V	All boards
AAB-L0004	LED shroud	All boards
AAB-R0050	Rack assembly including gas strut	A board
AAB-R0040	Rack assembly including gas strut	B boards
TA4-12V*	Electric actuator. 12V, 5.2A, IP66	AAB-R0050 / AAB-R0040
TA4-24V*	Electric actuator. 24V, 3.0A, IP66	AAB-R0050 / AAB-R0040

* When used in applications other than arrow boards carries 12 month warranty only.



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Safety



Example of radar sensor data overlaid on-screen.
Monitor not included in kit.

BRIGADE

Backsense® Network Radar with OSD Kit

Brigade's Backsense® Network Radar System is the next generation of radar-based obstacle detection. Due to the number of complex blind spots on a vehicle, a single radar cannot always provide the detection required and numerous in-cab displays for multiple radars can be more of a distraction than a benefit.

The Brigade Backsense® Network Radar with OSD Kit allows for the use of 2 Backsense® Network Radar sensors to be combined with any Brigade Backeye® camera system.

Radar detection data is overlaid transparently along the edge of the monitor so as not to obscure the camera image, with the audible warning via the monitor speakers.

- Overlay detection data for up to 2 radar sensors on a single monitor.
- Complies with CAN 2.0A Base Frame Format.
- Detects multiple moving and stationary objects.
- High frequency continuous wave provides increased reliability & low false alarm rates.
- Adjustable detection range up to 30m.
- 3 trigger inputs used for activating components such as alarms and beacons.
- Environmentally sealed sensor – IP69K
- Sensor can be steam & pressure cleaned.
- Multi-voltage.
- 3 year warranty.

Electrical



IONNIC

Traffic Direction

IONNIC Traffic Master

NEW



10V 30V 5Yrs

- 8 epoxy sealed, high output LED modules.
- Controller shows flash pattern in real-time.
- 8 flash patterns for each of the three arrow modes and 20 for the caution mode.
- Supplied with controller, harness and stainless steel mounting brackets.
- Lightbar environmentally sealed – IP67.
- Available with 8m or 12m controller harness.
- Dimming function via controller.
- Low current draw.
- Multi-voltage.
- 5-year warranty.

Voltage :	10–30V
Max. Current Draw :	5A @ 12V
Lens :	Polycarbonate
Base :	Aluminium
Light Source :	250 x 0.2W LEDs
Total Weight :	3.8kg
Ingress Protection :	Lightbar IP67
Operating Temperature :	-40°C to 60°C



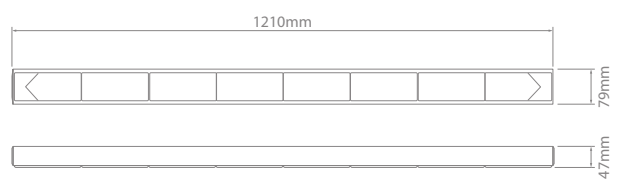
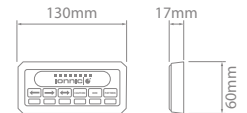
Controller shows flash pattern in real-time

Watch video

Intro Video




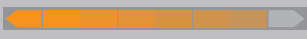








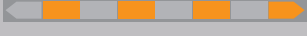

Harness exits from side of housing for easy installation

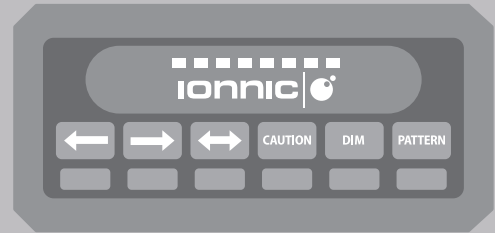


IONNIC Traffic Master NEW

8m Harness	12m Harness
S30000	S30000/12M

Controller Functions

- 

 +  Cycles through 8 Left Arrow patterns
- 

 +  Cycles through 8 Right Arrow patterns
- 

 +  Cycles through 8 Centre Out patterns
- 

 +  Cycles through 20 Caution patterns



The purpose-built switch panel provides simple and total control of all lightbar functions.

Each of the 3 arrow modes (includes Centre Out) have 8 patterns. The Caution mode has 20 patterns. Cycling through the different patterns is done by pressing the PATTERN button.

Pressing the DIM button toggles the dimming function on or off.

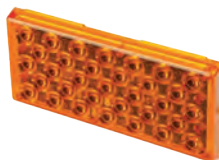
Controller Operation Video



Watch a quick video on the Traffic Master controller operation.

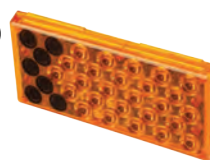


S30000CONTROL



S30000CTRMOD

IP67



S30000ENDMOD



S30000-EH15

IONNIC Traffic Master – Spare Parts & Harness Extension NEW

Part No.	Description
S30000CONTROL	Controller
S30000CTRMOD	LED Module – Centre
S30000ENDMOD	LED Module – End
S30000-EH15	Controller harness extension. Converts S30000 into 15m. Converts S30000/12m into 19m.



Traffic Director

IONNIC Traffic Director



LSTA001

12V
24V

5Yrs

- 10 epoxy sealed, high output LED modules.
- Controller shows flash patterns in real-time.
- Each mode has multiple selectable flash patterns.
- Supplied with mounting brackets, controller and harness.
- End modules available in 4 colour combinations.
- Dimming function via controller.
- Epoxy-encapsulated electronics for environmental & vibration protection.
- Multiple mounting options.
- LEDs rated to 100,000 hours.
- Low current draw.
- Multi-voltage.
- 5-year warranty.

Voltage :	12-24V
Max. Current Draw :	3.5A @ 12V
Lens :	Polycarbonate
Base :	Aluminium
Approvals :	ECE R10, SAE-W-07
Light Source :	40 x 1W LEDs
Controller Harness Length :	12m
Power Harness Length :	12.5m
Kit Weight :	3.6kg
Ingress Protection :	LED Modules IP67
Operating Temperature :	-40°C to 80°C













Controller Functions



The Director Pattern (DIR. PAT.) button is used in conjunction with the top 4 buttons. When one of the top four patterns is engaged, pressing the DIR. PAT. button will then cycle to the next version of that pattern. There are 8 versions of each of the four patterns.

IONNIC Traffic Director patterns can be factory locked, MOQ's required.



- 

 +  Cycles through 8 Left Arrow patterns
- 

 +  Cycles through 8 Right Arrow patterns
- 

 +  Cycles through 8 Centre Out patterns
- 

 +  Cycles through 8 Caution patterns



The END LIGHT button controls the two outermost LED modules only. When the END LIGHT pattern is engaged, the END PAT. button cycles through the 8 versions of the END LIGHT pattern.

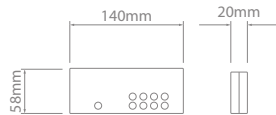
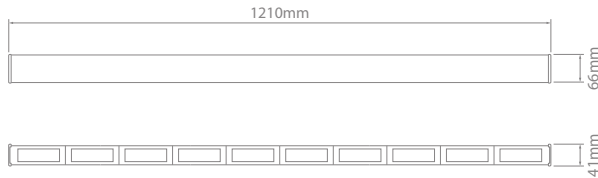
IONNIC Traffic Director patterns can be factory locked, MOQ's required.



- 

 +  Cycles through 8 End Light pattern variants

Traffic Direction



Supplied with mounting brackets, controller and harness

IONNIC Traffic Director



Supplied with mounting brackets, controller and harness.

All LED modules are clear.

Controller harness must not be shortened or modified.



LSTA410TP



LS-M43T-A, LS-M43T-B, LS-M43T-G, LS-M43T-R

IONNIC Traffic Director – Spare Parts

Part No.	Description
LSTA410TP	Controller
LS-M43T-A	LED Module – Amber
LS-M43T-B	LED Module – Blue
LS-M43T-G	LED Module – Green
LS-M43T-R	LED Module – Red



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OS-KSLED04B-RB	32		
OS-KSLED04B-RR	32		
OS-KSLED04B-WW	32		
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OS-KSLED06B-BKT	33		
OS-KSLED06B-RB	32		
OS-KSLED06B-RR	32		
OS-KSLED06B-WW	32		
OS-KSLED24B-AA	33		
OS-KSLED24B-BB	33		
OS-KSLED24B-RB	33		
OS-KSLED24B-RR	33		
OS-KSLED24B-WA	33		
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OS-KSLED26B-RB	33		
OS-KSLED26B-RR	33		
OS-KSLED26B-WW	33		

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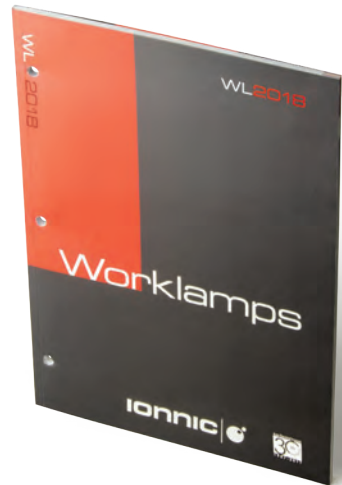
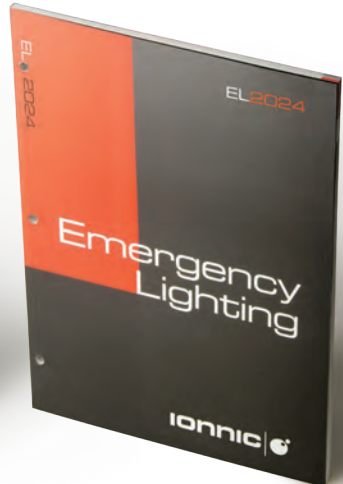
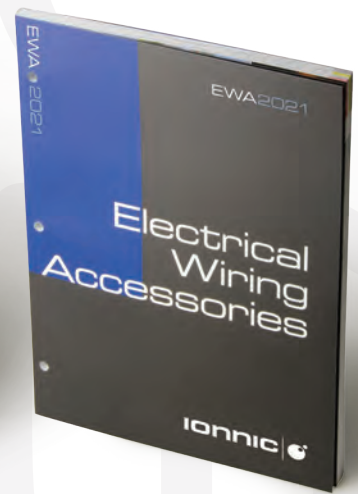
S

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General Information

EL 2024 Version 8.2 – 08/2023

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Disassembly or modification of products may void warranty.

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