
BEACONS



Beacons



IONNIC 103 LED 10



IONNIC 106 LED 12



Rotating LED 14



IONNIC 101 LED 15



IONNIC 113 LED Micro 16



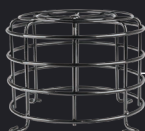
Midi Vision 18



500 Series 20



IONNIC Mini Xenon 21



Beacon Accessories 22

ionnic | 

103 & 106
Series Beacons





Beacons

IONNIC 103 LED



103010

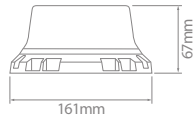


103800C

- 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.

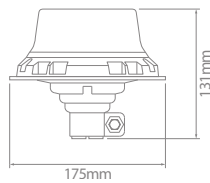
Voltage :	12–24V
Current Draw :	3.2A @ 12V
Flash Patterns :	11
Lens :	Polycarbonate
Base :	Aluminium
Approvals :	SAE J845 Class 1 (Amber) ECE R10, ECE R65 (Amber, Blue & Dual Colour)
Vibration Resistance :	SAE J575
Ingress Protection :	IP67
Operating Temperature :	-30°C to 50°C
Light Source :	18 x 3W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



IONNIC 103 LED – 3 Bolt

	Amber	Blue	Green	Red
Coloured Base	103000-A NEW	–	–	–
Coloured Lens	103000	–	–	–
Clear Lens	103000C	103200C	103300C	103400C

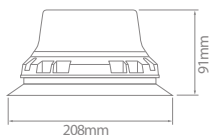
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
Mounting: 3 x Ø 7mm holes @ 151mm PCD.
Cable Length – 700mm.



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

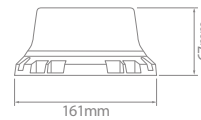
IONNIC 103 LED – 3 Bolt – Dual Colour

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

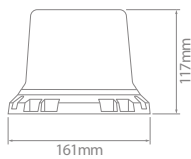


Clear lens with coloured
LED illumination

Off



On



IONNIC 106 LED – 3 Bolt

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

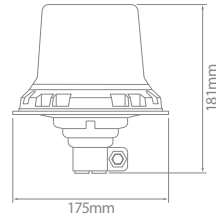
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
 Mounting: 3 x Ø 7mm holes @ 151mm PCD.
 Cable Length – 230mm.



IONNIC 106 LED – Pole Mount

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

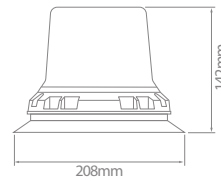
DIN plug outlet. For mounting options see page 23.



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



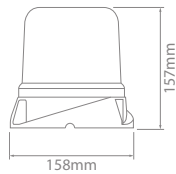
108000

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.

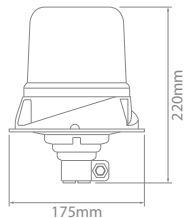
Voltage : 12-24V
 Current Draw : 1.9A @ 12V
 Wattage : 25.6W
 Flash Rate : 120FPM
 Lens : Polycarbonate
 Base : Die-cast
 Approvals : ECE65, SAE J845 Class 1
 Operating Temperature : -30°C to 50°C
 Light Source : 8 x 3W LED



Rotating LED – 3 Bolt

Amber 107000 Blue 107200 Green 107300 Red 107400

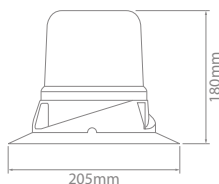
Supplied with 3 x M5 Bolts.
 Mounting: 3 x Ø 5mm holes @ 151mm PCD.
 Cable Length – 300mm.



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

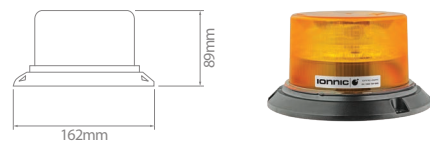
12V 36V IP67 5Yrs



IONNIC 101 LED – 3 Bolt

Amber 101000 Green 101300

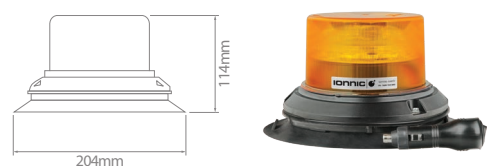
Supplied with 3 x M6 bolts, nuts, shake-proof washers & base gasket.
 Mounting: 3 x Ø 7mm holes @ 151mm PCD.
 Cable Length – 340mm.



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

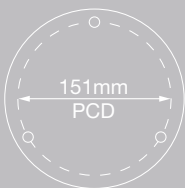


3.5m lead to cigar plug with on/off and pattern select switches

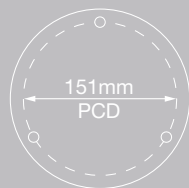


Pattern select button

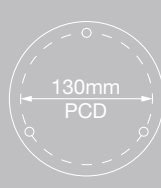
When Size Matters



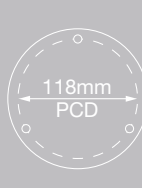
IONNIC 106 LED
PCD – Ø151mm



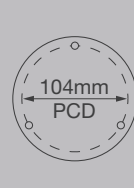
IONNIC 103 LED
PCD – Ø151mm



Midi Vision
PCD – Ø130mm



IONNIC Mini Xenon
PCD – Ø118mm



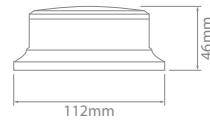
IONNIC 113 LED Micro
PCD – Ø104mm

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.

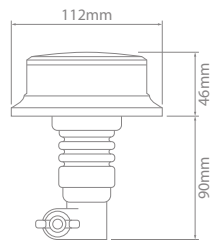


IONNIC 113 LED Micro – Pole Mount NEW

Amber

113002

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

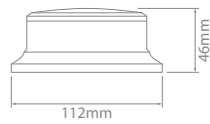


IONNIC 113 LED Micro – Magnetic NEW

Amber

113001

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



Beacons

Midi Vision

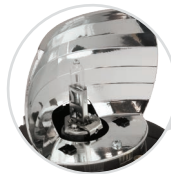
400001



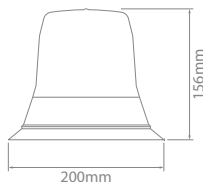
- Free-form optics generate greater & more focused light output
- Whisper quiet rotators, running on stainless steel/acetal bearings.
- Polycarbonate lens provides high durability against harsh conditions.
- Multiple mounting configurations.
- Twist lock polycarbonate lens provides easy field maintenance.
- 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

Free-form optics generate greater & more focused light output



Twist lock lens provides easy field maintenance



400 Series – Mag 70

	Amber	Red
Less Bulb	400000	400400
12V	400001	400401
24V	400002	400402

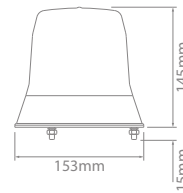
2.6m lead to cigar plug. Fits standard cigar/DIN socket.



403 Series – 3 Bolt

	Amber	Red
Less Bulb	403000	403400
12V	403001	403401
24V	403002	403402

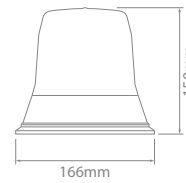
Supplied with 3 x M6 bolts, nuts, shake-proof washers.
Mounting: 3 x Ø 7mm holes @ 130mm PCD.
Cable Length – 300mm.



407 Series – Mag 50

	Amber	Red
Less Bulb	407000	407400
12V	407001	407401
24V	407002	407402

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



Midi Vision Lens

Part No.	Colour
910320	Amber
910324	Red



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

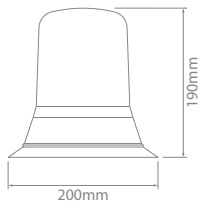
500 Series



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.

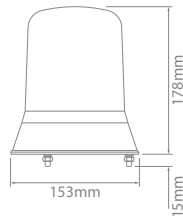
Current Draw :	4.6A @ 12V	3A @ 24V
Max. Wattage :	55W @ 12V	70W @ 24V
Flash Rate :		160FPM
Lens :		Acrylic
Base :		ABS
Light Source :		H1 Halogen Bulb



500 Series – Mag 70

Less Bulb	12V	24V
Amber	500000	500001 500002

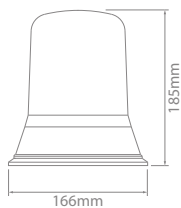
2.6m lead to cigar plug. Fits standard cigar/DIN socket.



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

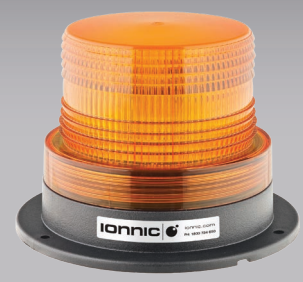


- Ideal for forklift applications.
- Available in high or low profiles.
- High profile model features an epoxy-encapsulated base.
- Low current draw.
- Multi-voltage.

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

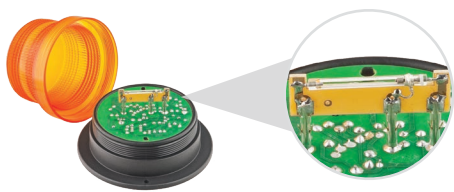


6220A-2



6400A-1

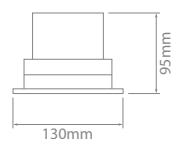
12V
80V



IONNIC Mini Xenon – 3 Bolt

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

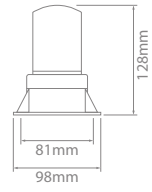
Supplied with 3 x M5 bolts, nuts, shake-proof washers.
Mounting: 3 x Ø 5mm holes @ 118mm PCD.



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



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



1334001



1334004



1334005

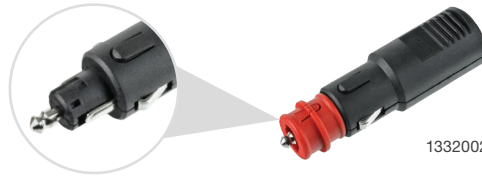
Adaptors & Extension Cables

Part No.	Description	Current Rating (A)	Cable (cm)	Housing
1334001	Cigar/DIN plug to cigar socket. 6–24V	2 x 5	20	Thermoplastic
1334004	Cigar/DIN plug to DIN socket	8	385	Thermoplastic
1334005	Cigar/DIN plug to cigar socket	8	60 – 300	Thermoplastic

Beacon Accessories



1332001



1332002



1332003

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



1335001



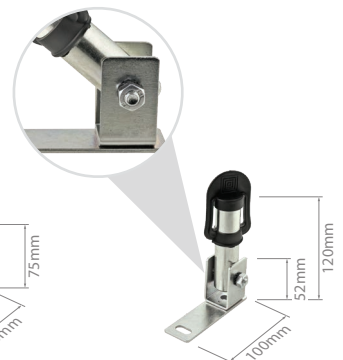
1335002



1335003



1335004



1335005

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



Coloured illumination.
Real-time voltage
status display.
On/off switch



For more info on High Current Connectors see the IONNIC Connectors catalogue. Visit ionnic.com or contact your nearest reseller for a copy



Shown with a High Current Connector, Twin USB Socket (1336003) & a Volt Meter (1336000)

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
1336004 NEW	Socket – 5V Twin USB with Volt Meter	12–24	2 x 3A
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

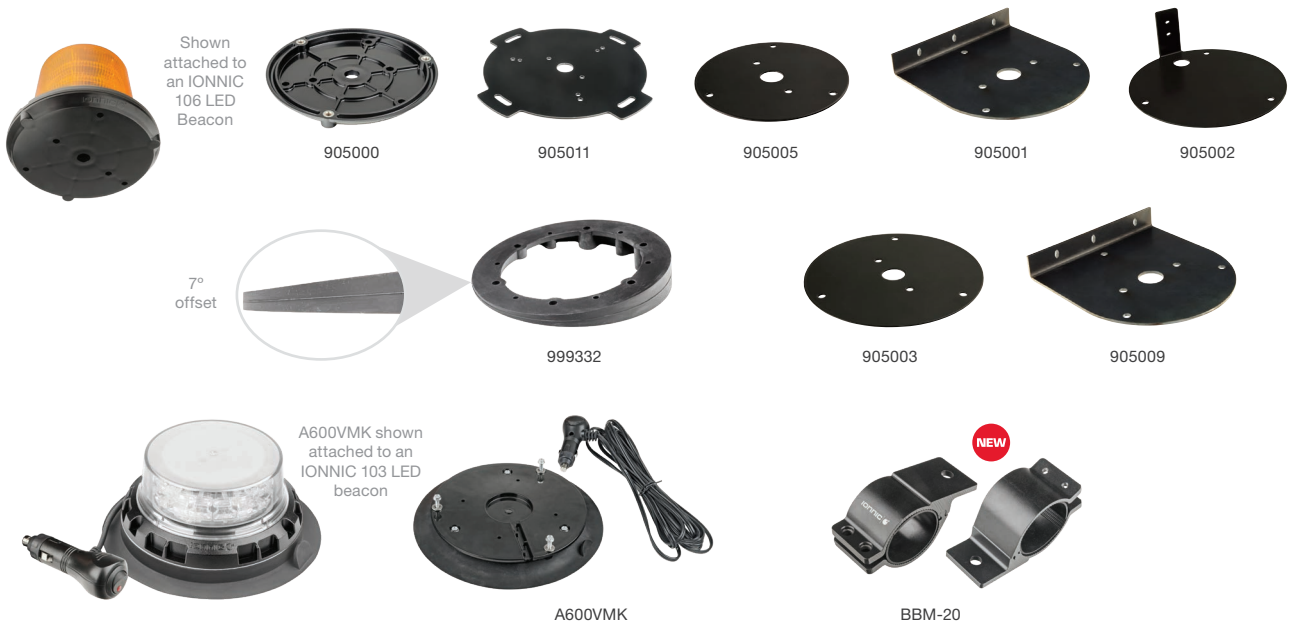
SB50-FM-2ACC NEW Flange mount bracket, 2 x 30mm accessory cutouts. Suits 50A High Current Connectors

Beacon Accessories



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



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 NEW		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 50mm bar	
BBM-25 NEW		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 64mm bar	
BBM-30 NEW		Bull bar mounting brackets. 2 per pack. Includes mounting hardware. Suits Ø 76mm bar	

