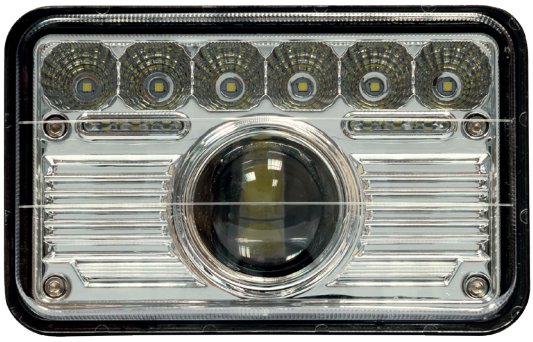
Techna



Since 1945 - Over 75 Years of Service to Industry

LIGHTING

Edition I

www.techna.co.uk

Dear Colleague,

It gives me great pleasure to welcome you to Techna International's new Lighting Catalogue, Edition I. Inside you will find details of the diverse range of LED Lighting products, including Headlights, Beacons, Rear Combination Lights, Signal Lights, Work Lights and many more. I hope that you find this catalogue both informative and interesting.

With over 75 years in business, Techna offers an unrivalled level of experience and expertise, providing a wealth of high quality products, efficient customer service and highly competitive pricing.

Additionally, we offer an extensive range of high quality electrical and mechanical products that are fully certified by independent approvals authorities to meet the stringent requirements of today's global markets. Full details of our electrical and machinery products may be found in our separate catalogues, or on our website.

I hope you will find our new Lighting Catalogue to your liking and that Techna may be given the opportunity to be of service.

Best regards,

John Mestitz
Managing Director

IMPORTANT NOTICE:

Techna International Ltd. reserves the right to amend catalogue technical information and specifications without notice. Up to date technical specifications, full dimensional data and drawings can be provided on request and we recommend that all such information is checked prior to ordering. The responsibility for technical evaluation of suitability prior to purchase remains with the customer.

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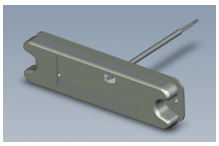

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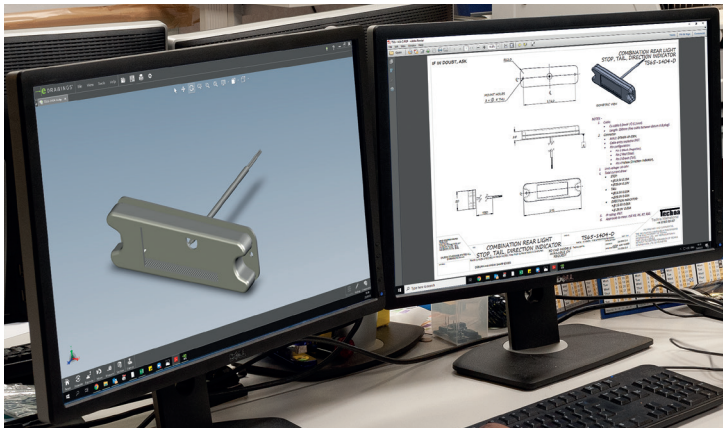
Customised & Bespoke Lighting Solutions from Techna R&D

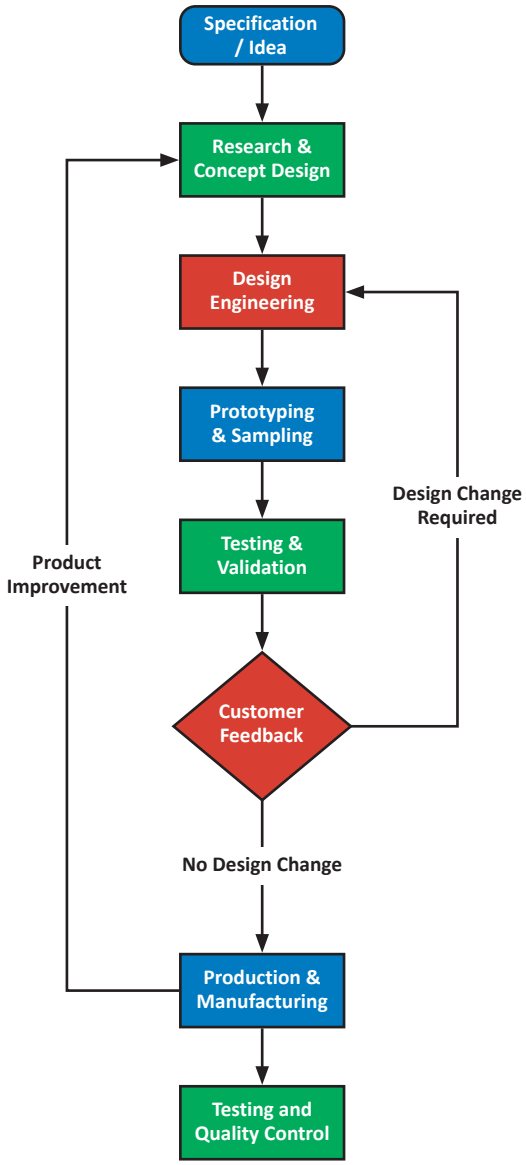
In addition to our standard product ranges, Techna R&D provides complete design and manufacture of a wide range of LED lighting products for our OEM customers.

We develop the designs according to customer requirements and provide expertise in support of existing designs. We have a multi-disciplinary team with wide experience in product design and also in the incorporation of electronics within mechanical designs, including programming of custom software.

Our approach is straightforward and most effective in producing high quality products. Techna has a team of experienced engineers who can transform your ideas into a proof of concept and prototype before manufacturing. With Techna R&D, we will start with in-depth feasibility studies ensuring the product can be realised with current state of the art technologies.

Our design team will put your requirements into practice with mechanical 3D CAD modelling, consequently providing multiple design ideas, to allow for a functional rapid prototype.





We can provide customised and bespoke lighting solutions to many different industries, including:

- **Agriculture**
- **Construction**
- **Industrial**
- **Mining**
- **Off-Road Vehicles**
- **Rail**
- **Specialised Vehicles**
- **Trucks & Buses**

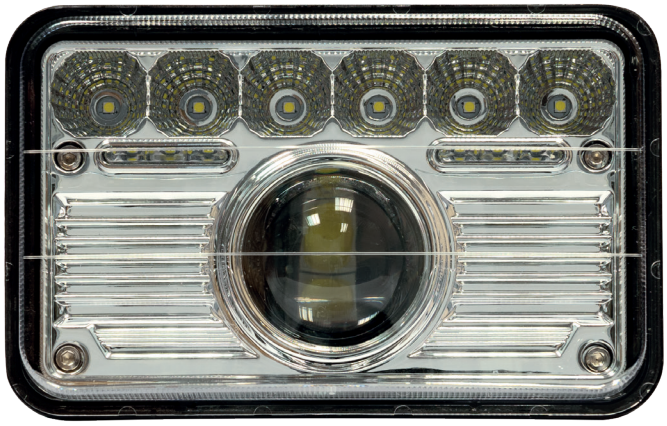
Bright LED Headlights

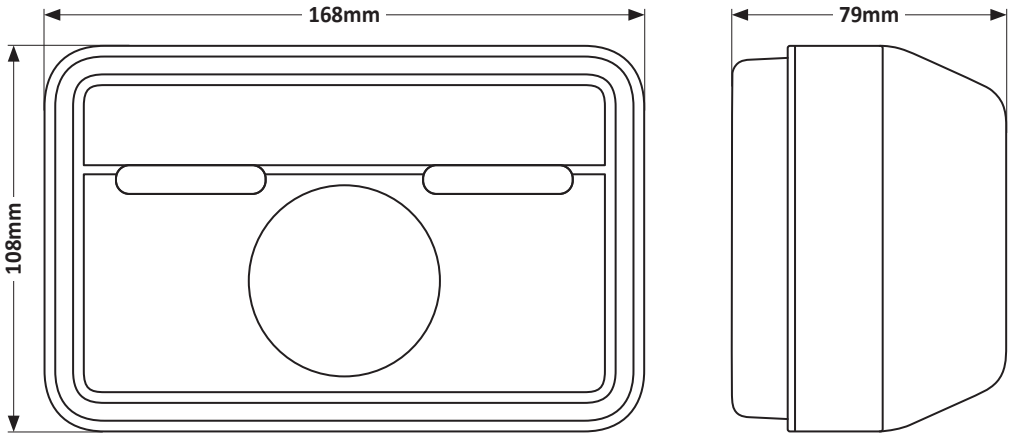
Techna's Bright LED Headlights are designed to effectively and efficiently illuminate the road ahead. Our headlights come with a number of features, including High Beam, Low Beam, Position Markers and Daytime Running Lights.

Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

Bright-HL01DRL - LED Headlight with Low Beam, DRL & Position Markers

Order Code **Bright-HL01DRL**



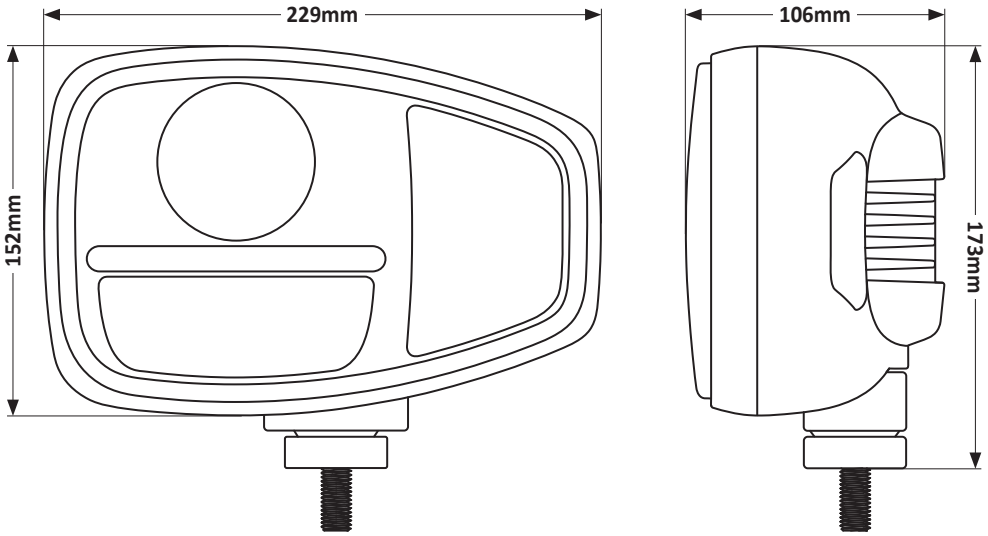


Bright-HL01DRL Technical Specification

Function	Low Beam / DRL / Position Markers
Maximum Power	45W
Operating Voltage	10-30Vdc
Lumens	2600LM
Colour Temperature	5000 - 6500K
Operating Temperature	-45°C to 60°C
IP Rating	IP67
Complies With	ECE R7, R10, R87 & R113
Mounting	Surface Mount
Material	Die-cast Aluminium Housing, PC Lens

Bright-HL02 - Heavy Duty LED Combination Headlight

Order Code: Bright-HL02



Bright-HL02 Technical Specification

Function	Low Beam / High Beam / DRL / Front & Rear Direction Indicators
Maximum Power	82W
Operating Voltage	10-30Vdc
Lumens	948LM (Low Beam) / 2254LM (High Beam)
Colour Temperature	5000 - 6500K
Operating Temperature	-45°C to 60°C
IP Rating	IP67
Mounting	Surface Mount
Material	Die-cast Aluminium Housing, PC Lens

Bright LED Side Marker & Signal Lights

Techna's Bright LED Side Marker and Signal Lights can clearly indicate and be used as markers for better visibility of the vehicle. The LED Side Markers and Signal Lights feature a high waterproof and dustproof rating, which makes them suitable for a huge range of applications.

Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

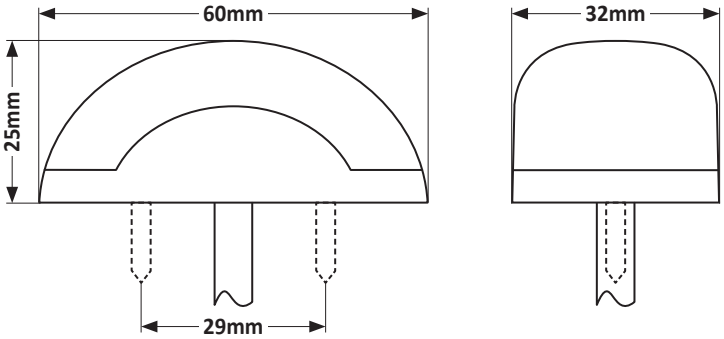
Bright-SL01 Series - LED Side Marker / Signal Lights

Order Code Bright-SL01A / SL01A2

Order Code Bright-SL01R

Order Code Bright-SL01W

Order Code Bright-SL01AR



Bright-SL01 Series Technical Specification

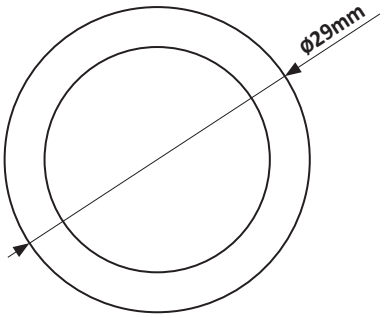
	Bright-SL01A	Bright-SL01A2	Bright-SL01R	Bright-SL01W	Bright-SL01AR
Function	Indicator / Stop / Marker				
LED Colour	Amber	Amber	Red	White	Amber/Red
Maximum Power	0.8W	2W	2W	0.8W	0.8W
Operating Voltage	10-30Vdc				
LEDs	4 x 0.2W LEDs	4 x 0.5W LEDs	4 x 0.5W LEDs	4 x 0.2W LEDs	4 x 0.2W LEDs
Lumens	56LM	140LM	140LM	56LM	56LM
Current Draw	0.06A @13.5V, 0.03A @28V	0.13A @13.5V, 0.072A @28V	0.12A @13.5V, 0.06A @28V	0.06A @13.5V, 0.03A @28V	0.06A @13.5V, 0.04A @28V
Operating Temperature	-40°C to 65°C				
IP Rating	IP67				
Complies With	ECE R10 & R91	ECE R6 & R10	ECE R7 & R10	ECE R7 & R10	ECE R10
Mounting	Screw Mount				

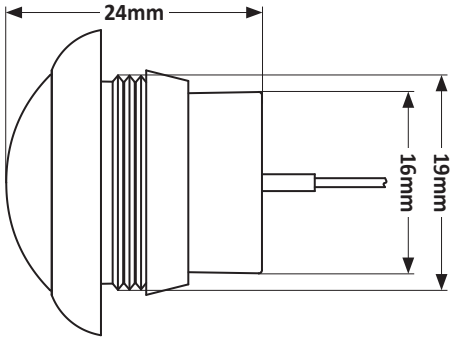
Bright-SL02 Series - Round LED Side Marker / Signal Lights

Order Code	Bright-SL02A

Order Code	Bright-SL02R

Order Code	Bright-SL02W





Bright-SL02 Series Technical Specification

	Bright-SL02A	Bright-SL02R	Bright-SL02W
Function	Indicator / Stop / Marker		
LED Colour	Amber	Red	White
Maximum Power	0.5W		
Operating Voltage	12-24Vdc		
LEDs	1 x 0.5W LED		
Lumens	35LM		
Current Draw	0.02A @13.5V		
Operating Temperature	-40°C to 65°C		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Flush Mount with Rubber Grommet		

* These lights are also available with a clear lens, please contact Techna for more information

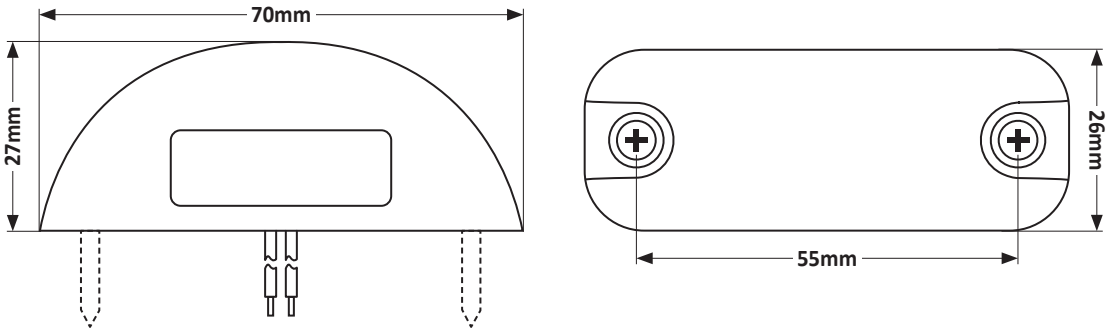
Bright LED Number Plate Lights

Techna's Bright LED Number Plate Lights are capable of clearly illuminating your number plate in the toughest of conditions. These LEDs are surface mount and easy to install and as they feature a high waterproof and dustproof rating, this makes them suitable for a huge range of applications.

Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

Bright-NP01 Series - LED Number Plate Light

Order Code: Bright-NP01



Bright-NP01 Series Technical Specification

Function	Number Plate Light
LED Colour	White
Maximum Power	0.8W
Operating Voltage	10-30Vdc
LEDs	4 x 0.2W LEDs
Lumens	56LM
Current Draw	0.04A @13.5V, 0.02A @28V
Operating Temperature	-40°C to 65°C
IP Rating	IP67
Complies With	ECE R4 & R10
Mounting	Screw Mount

Bright LED Rear Combination Lights

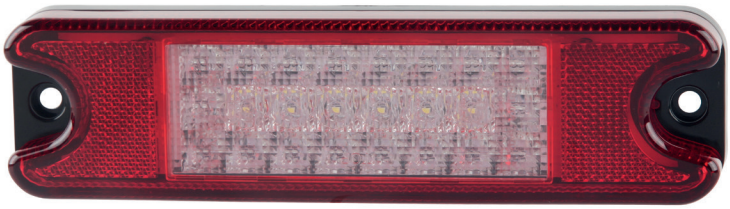
Techna's Bright LED Rear Combination Lights have been produced to provide plenty of options for any vehicle, with several variants and light configurations possible. Available in different shapes and sizes, these LEDs also feature a high waterproof and dustproof rating, making them suitable for a huge range of applications.

Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

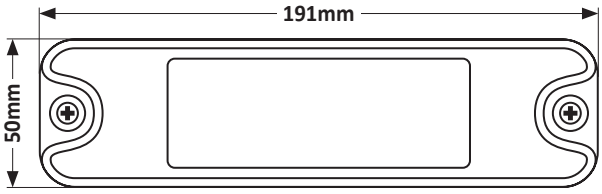
Bright-RC01 Series - Rectangular LED Rear Combination Lights

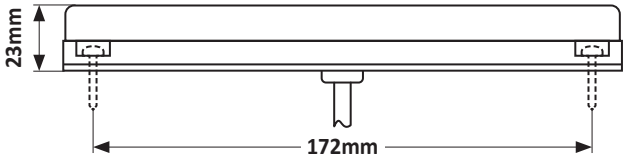
Order Code Bright-RC01STDR

Order Code Bright-RC01FR



Order Code Bright-RC01STD





Bright-RC01 Series Technical Specification

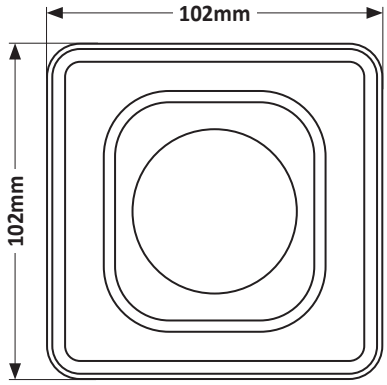
	Bright-RC01STDR	Bright-RC01FR	Bright-RC01STD
Function	Stop / Tail / Direction Indicator / Reverse	Fog / Reverse	Stop / Tail / Direction Indicator
LED Colour	White / Amber / Red	Amber / Red	Amber / Red
Maximum Power	Stop: 2W Tail: 0.4W Indicator: 2W Reverse: 3.1W	Fog: 1.47W Reverse: 1.35W	Stop: 1.7W Tail: 0.45W Indicator: 0.55W
Operating Voltage	10-30Vdc		
Operating Temperature	-40°C to 65°C		
IP Rating	IP67		
Complies With	ECE R3, R6, R7, R10 & R23	ECE R23 & R38	ECE R6 & R7
Mounting	Surface Mount		

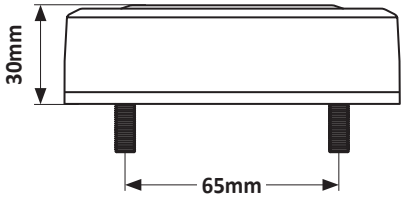
Bright-RC02 Series - Square LED Rear Combination Lights

Order Code **Bright-RC02ST**

Order Code **Bright-RC02TD**

Order Code **Bright-RC02TR**



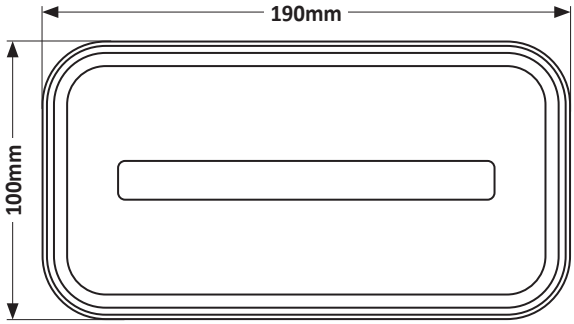


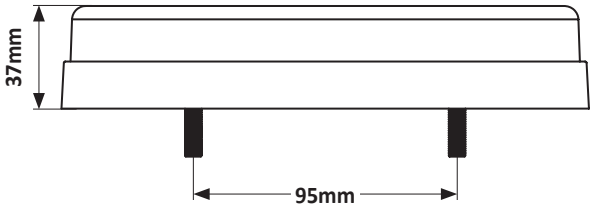
Bright-RC02 Series Technical Specification

	Bright-RC02ST	Bright-RC02TD	Bright-RC02TR
Function	Stop / Tail	Tail / Direction Indicator	Tail / Reverse
LED Colour	Red	Red / Amber	Red / White
Maximum Power	Stop: 1.6W Tail: 1W	Tail: 1W Indicator: 1.1W	Tail: 1W Reverse: 1.5W
Operating Voltage	10-30Vdc		
Operating Temperature	-40°C to 65°C		
IP Rating	IP67		
Complies With	ECE R3, R6, R7 & R10		
Mounting	Surface Mount		

Bright-RC03 Series - LED Rear Combination Light - ST/T/DI/F

Order Code **Bright-RC03STDF**



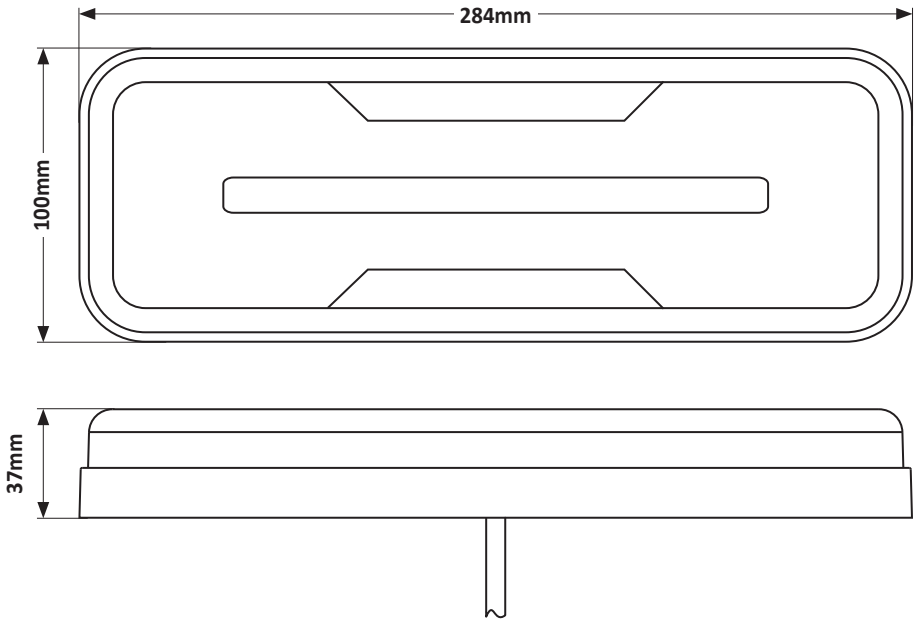


Bright-RC03 Series Technical Specification

	Bright-RC03STDF
Function	Stop / Tail / Direction Indicator / Fog
LED Colour	Amber / Red
Maximum Power	Stop: 1.2W / Tail: 1.9W / Indicator: 2.9W / Fog: 3.4W
Operating Voltage	10-30Vdc
Operating Temperature	-40°C to 65°C
IP Rating	IP67
Complies With	ECE R3, R6, R7 & R10
Mounting	Surface Mount

Bright-RC04 Series - LED Rear Combination Light - ST/T/DI/REV/F

Order Code **Bright-RC04STDRF**

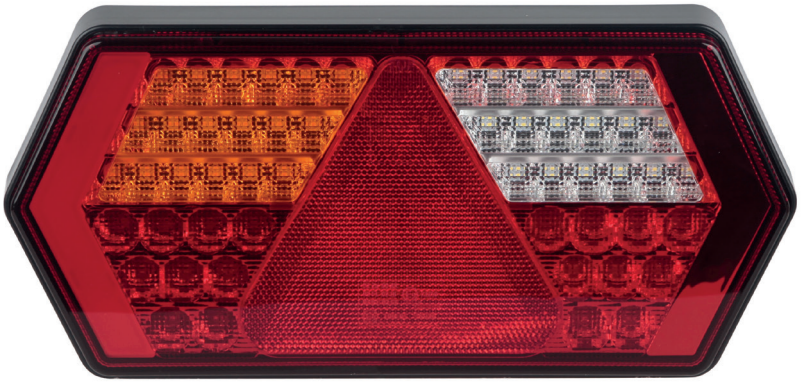


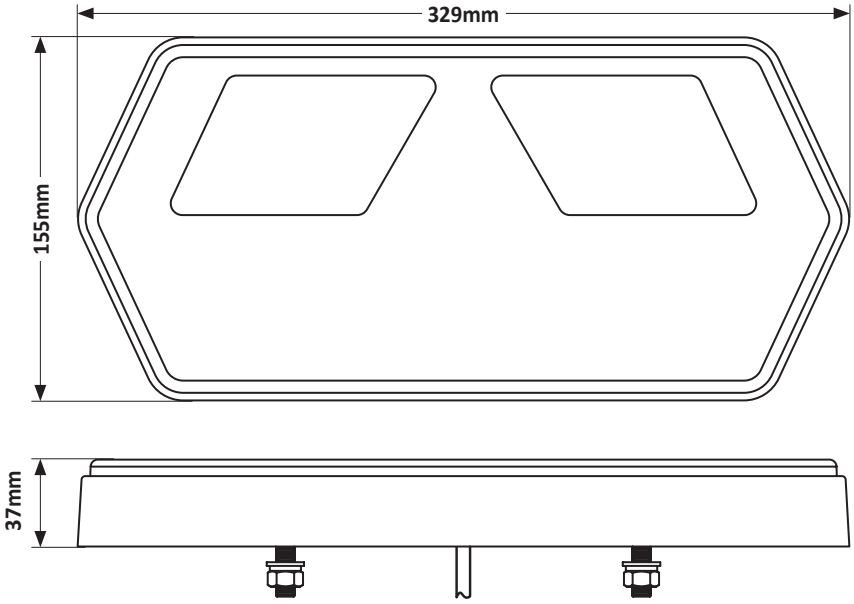
Bright-RC04 Series Technical Specification

	Bright-RC04STDRF
Function	Stop / Tail / Direction Indicator / Reverse / Fog
LED Colour	Amber / Red / White
Maximum Power	Stop: 1.2W / Tail: 1.9W / Indicator: 4W / Reverse: 1.9W / Fog: 3.4W
Operating Voltage	10-30Vdc
Operating Temperature	-40°C to 65°C
IP Rating	IP67
Complies With	ECE R3, R6, R7, R10, R23 & R38
Mounting	Surface Mount

Bright-RC05 Series - Bluetooth LED Rear Combination Light

Order Code **Bright-RC05STDRF**





Bright-RC05 Series Technical Specification

	Bright-RC05STDRF
Function	Stop / Tail / Direction Indicator / Reverse / Fog
LED Colour	Amber / Red / White
Maximum Power	Stop: 2.1W / Tail: 1.1W / Indicator: 4W / Reverse: 4W / Fog: 4W
Operating Voltage	10-30Vdc
Operating Temperature	-40°C to 65°C
IP Rating	IP67
Complies With	ECE R3, R6, R7, R10, R23 & R38
Mounting	Surface Mount

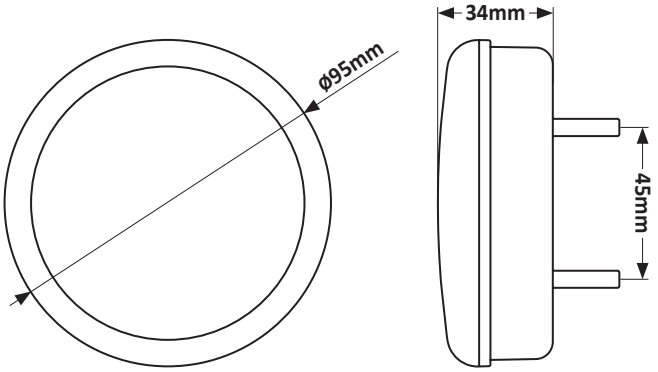
Bright-RC06 Series - Round LED Rear Lights

Order Code **Bright-RC06D**

Order Code **Bright-RC06ST**

Order Code **Bright-RC06R**

Order Code **Bright-RC06STD**



Bright-RC06 Series Technical Specification

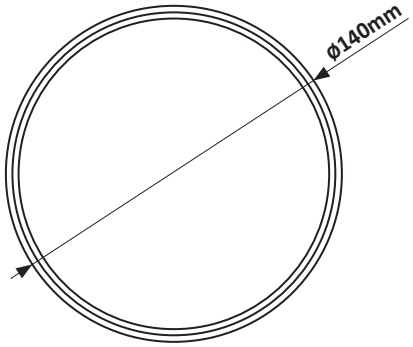
	Bright-RC06D	Bright-RC06ST	Bright-RC06R	Bright-RC06STD
Function	Direction Indicator	Stop / Tail	Reverse	Stop / Tail / Direction Indicator
LED Colour	Amber	Red	White	Red / Amber
Maximum Power	2.7W	Stop: 3.2W Tail: 0.6W	2.5W	Stop: 2.6W Tail: 0.5W Indicator: 1.4W
Operating Voltage	10-30Vdc			
Operating Temperature	-40°C to 65°C			
IP Rating	IP67			
Complies With	ECE R6 & R10			
Mounting	Surface Mount			

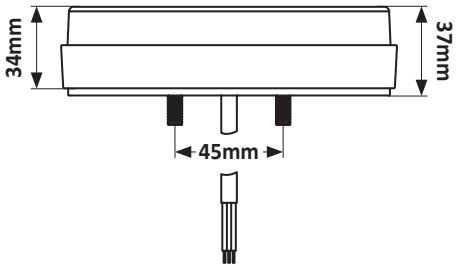
Bright-RC07 Series - Round LED Rear Combination Lights

Order Code **Bright-RC07STD**

Order Code **Bright-RC07STR**

Order Code **Bright-RC07STDR**





Bright-RC07 Series Technical Specification

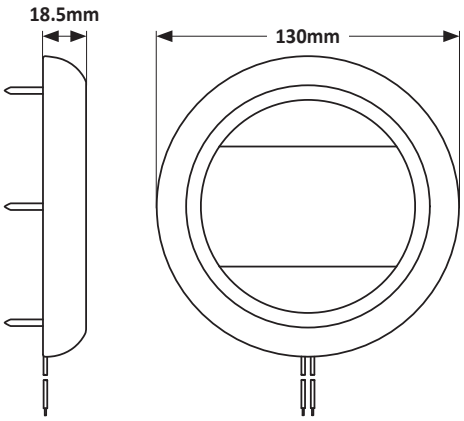
	Bright-RC07STD	Bright-RC07STR	Bright-RC07STDR
Function	Stop / Tail / Direction Indicator	Stop / Tail / Reverse	Stop / Tail / Direction Indicator / Reverse
LED Colour	Amber / Red	White / Red	Red / White / Red
Maximum Power	Stop: 1.6W Tail: 0.8W Indicator: 2.3W	Stop: 1.6W Tail: 0.8W Reverse: 2.3W	Stop: 1.6W Tail: 0.8W Indicator: 2.3W Reverse: 2.3W
Operating Voltage	10-30Vdc		
Operating Temperature	-40°C to 65°C		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

Bright LED Cabin / Interior Lights

Techna's Bright LED Cabin / Interior Lights provide ample illumination within the cab, with 3 levels of brightness. These surface mounted lights are easy to install and feature a high waterproof and dustproof rating, making them suitable for a huge range of applications.

Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

Bright-CL01 Series - Round LED Cabin / Interior Lights



Bright-CL01 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue, White/Red, White/Blue, Red/Blue		White, Red, Blue
Maximum Power	25.5W		
Operating Voltage	10-30Vdc		
LEDs	51 x 0.5W LEDs		
Lumens	1785LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

Bright-CL01 Series Ordering Scheme

Bright-CL01 — **NS** — **W**

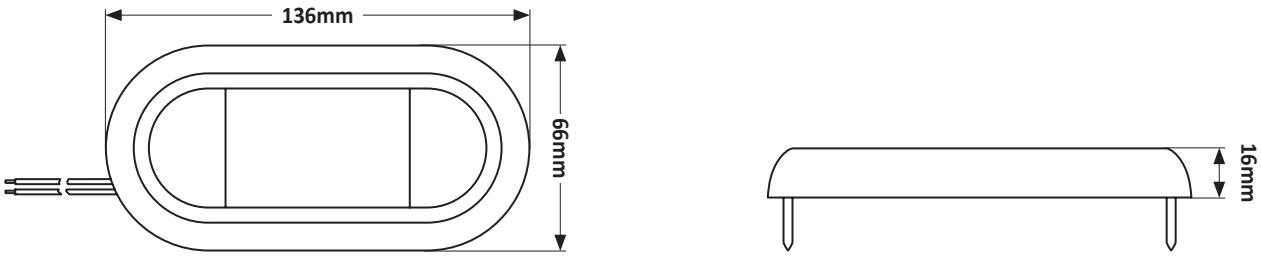
Function:
NS = No Switch | **TS** = Touch Switch

PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue | **WR** = White/Red
WB = White/Blue | **RB** = Red/Blue

W = White | **R** = Red | **B** = Blue

Bright-CL02 Series - LED Cabin / Interior Lights



Bright-CL02 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue, White/Red, White/Blue, Red/Blue		White, Red, Blue
Maximum Power	13.5W		
Operating Voltage	10-30Vdc		
LEDs	27 x 0.5W LEDs		
Lumens	945LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

Bright-CL02 Series Ordering Scheme

Bright-CL02 — **NS** — **W**

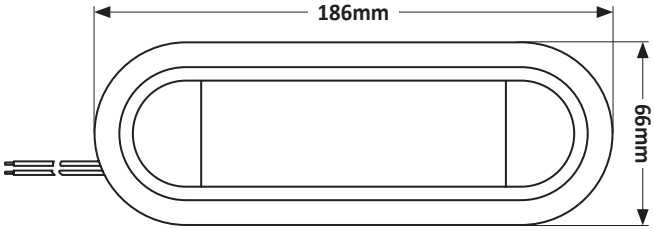
Function:
NS = No Switch | **TS** = Touch Switch

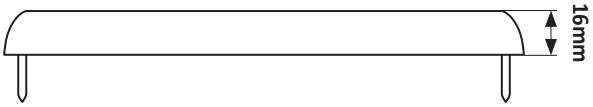
PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue | **WR** = White/Red
WB = White/Blue | **RB** = Red/Blue

W = White | **R** = Red | **B** = Blue

Bright-CL03 Series - LED Cabin / Interior Lights





Bright-CL03 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue, White/Red, White/Blue, Red/Blue		White, Red, Blue
Maximum Power	21W		
Operating Voltage	10-30Vdc		
LEDs	42 x 0.5W LEDs		
Lumens	1470LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

Bright-CL03 Series Ordering Scheme

Bright-CL03 — **NS** — **W**

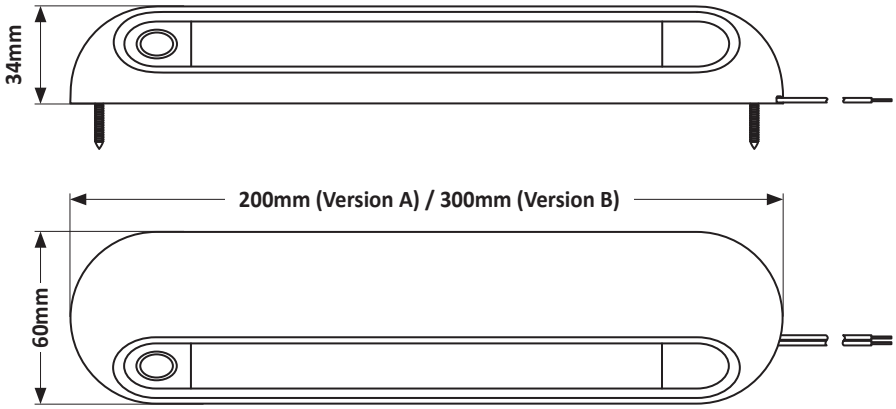
Function:
NS = No Switch | **TS** = Touch Switch

PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue | **WR** = White/Red
WB = White/Blue | **RB** = Red/Blue

W = White | **R** = Red | **B** = Blue

Bright-CL04 Series - 45° Angled LED Cabin / Interior Lights



Bright-CL04 Series Technical Specification

	Bright-CL04-A		Bright-CL04-B	
Function	No Switch	Touch Switch	No Switch	Touch Switch
LED Colour	White, Red, Blue, White/Red, White/Blue, Red/Blue			
Maximum Power	6.4W		12W	
Operating Voltage	10-30Vdc			
LEDs	32 x 0.2W LEDs		60 x 0.2W LEDs	
Lumens	448LM		840LM	
Colour Temperature	3800K - 4250K			
IP Rating	IP67			
Complies With	ECE R10			
Mounting	Surface Mount			

Bright-CL04 Series Ordering Scheme

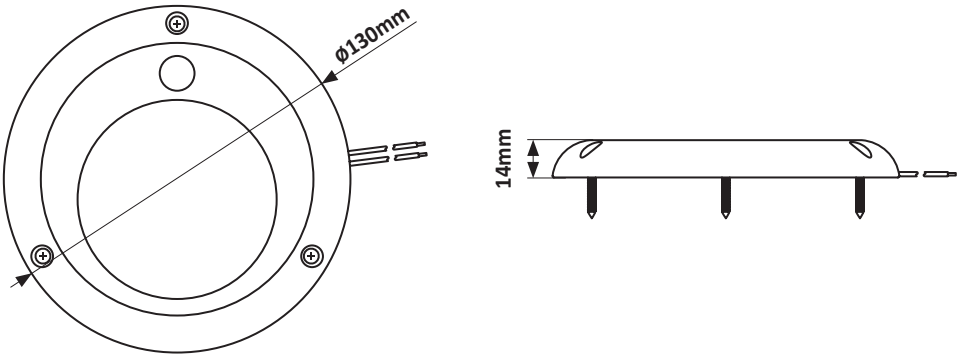
Bright-CL04 — **A** — **NS** — **W**

Version:
A = 6.4W, 200mm
B = 12W, 300mm

Function:
NS = No Switch
TS = Touch Switch

Colour Options:
W = White | **R** = Red | **B** = Blue | **WR** = White/Red
WB = White/Blue | **RB** = Red/Blue

Bright-CL05 Series - Round LED Cabin / Interior Lights



Bright-CL05 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue		
Maximum Power	17.4W		
Operating Voltage	10-30Vdc		
LEDs	87 x 0.2W LEDs		
Lumens	1218LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

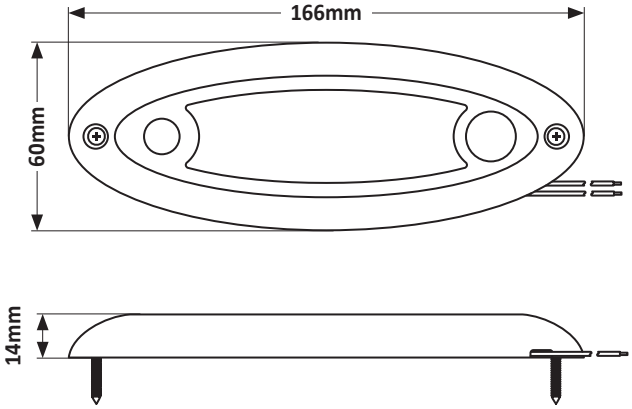
Bright-CL05 Series Ordering Scheme

Bright-CL05 — **NS** — **W**

Function:
NS = No Switch | **TS** = Touch Switch
PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue

Bright-CL06 Series - LED Cabin / Interior Lights



Bright-CL06 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue		
Maximum Power	5.4W		
Operating Voltage	10-30Vdc		
LEDs	27 x 0.2W LEDs		
Lumens	378LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

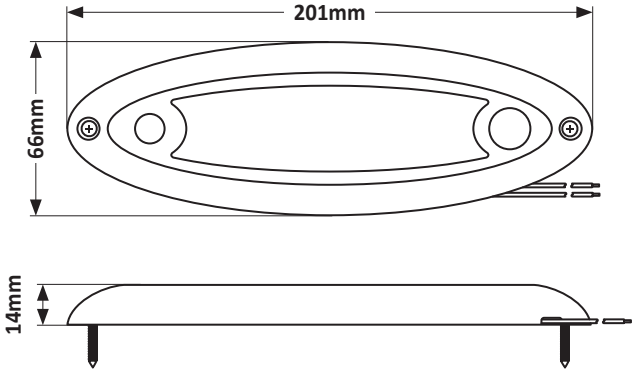
Bright-CL06 Series Ordering Scheme

Bright-CL06 — **NS** — **W**

Function:
NS = No Switch | **TS** = Touch Switch
PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue

Bright-CL07 Series - LED Cabin / Interior Lights



Bright-CL07 Series Technical Specification

Function	No Switch	Touch Switch	PIR Sensor
LED Colour	White, Red, Blue		
Maximum Power	9W		
Operating Voltage	10-30Vdc		
LEDs	45 x 0.2W LEDs		
Lumens	630LM		
Colour Temperature	3800K - 4250K		
IP Rating	IP67		
Complies With	ECE R10		
Mounting	Surface Mount		

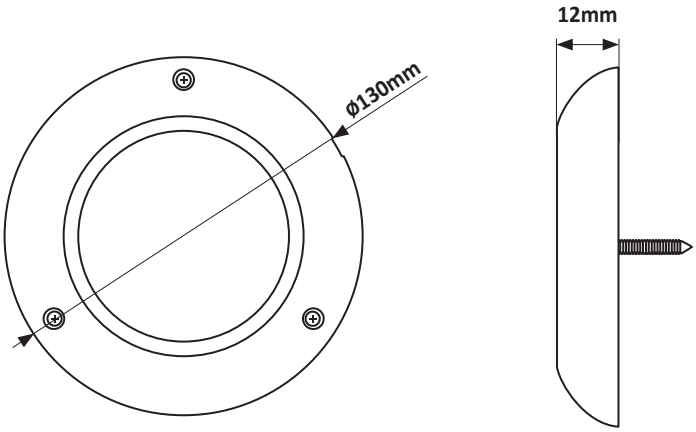
Bright-CL07 Series Ordering Scheme

Bright-CL07 — **NS** — **W**

Function:
NS = No Switch | **TS** = Touch Switch
PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue

Bright-CL08 Series - Round LED Cabin / Interior Lights



Bright-CL08 Series Technical Specification

Function	No Switch	PIR Sensor
LED Colour	White, Red, Blue, White/Red, White/Blue	White, Red, Blue
Maximum Power	18.2W	
Operating Voltage	10-30Vdc	
LEDs	91 x 0.2W LEDs	
Lumens	1274LM	
Colour Temperature	3800K - 4250K	
IP Rating	IP67	
Complies With	ECE R10	
Mounting Options	Surface Mount or Flush Mount	

Bright-CL08 Series Ordering Scheme

Bright-CL08 — **NS** — **W** — **SM**

Function:
NS = No Switch

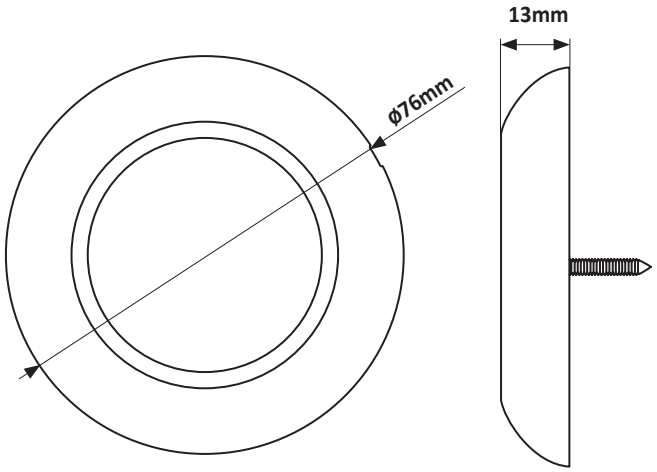
PIR = PIR Sensor

Colour Options:
W = White | **R** = Red | **B** = Blue
WR = White/Red | **WB** = White/Blue

W = White | **R** = Red | **B** = Blue

Mounting Options:
SM = Surface Mount
FM = Flush Mount

Bright-CL09 Series - Round LED Cabin / Interior Lights



Bright-CL09 Series Technical Specification

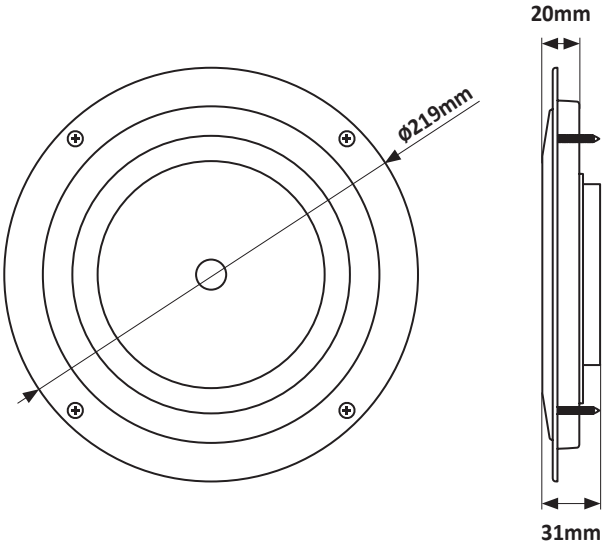
Function	No Switch
LED Colour	White, Red, Blue
Maximum Power	5W
Operating Voltage	10-30Vdc
LEDs	10 x 0.5W LEDs
Lumens	350LM
Colour Temperature	3800K - 4250K
IP Rating	IP67
Complies With	ECE R10
Mounting	Surface Mount

Bright-CL09 Series Ordering Scheme

Bright-CL09-NS — **W**

Colour Options:
W = White | R = Red | B = Blue

Bright-CL10 Series - Round LED Cabin / Interior Lights with Ambient Lighting



Bright-CL10 Series Technical Specification

Function	No Switch	Touch Switch
LED Colour	White/Red/Blue	
Maximum Power	15.5W + 9W	
Operating Voltage	10-30Vdc	
Colour Temperature	3800K - 4250K	
IP Rating	IP65	
Complies With	ECE R10	
Mounting Options	Surface Mount or Flush Mount	

Bright-CL10 Series Ordering Scheme

Bright-CL10 — **NS** — **SM**

Function:
NS = No Switch
TS = Touch Switch

Mounting Options:
SM = Surface Mount
FM = Flush Mount

Bright LED Beacons

The Techna Bright LED Beacon range utilise powerful surface mount LEDs to alert all surrounding road users and site staff. With a variety of different shapes, mounting types and colours available to fit any vehicle.

Bright-B01 Series - Low Profile Strobe and Rotating LED Beacons

- Low Profile Strobe and Rotating Beacons
- Available in 3 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 6 Different Mounting Options
- Available in Amber or Green

Bright-B01 Series Mounting Options

Bright-B01 Series Technical Specification

	Bright-B01-B	Bright-B01-C	Bright-B01-D
Function	Low Profile Rotating Beacons		Low Profile Strobe Beacons
LED Colour	Amber / Green		
Maximum Power	40W	17W	19W
Operating Voltage	12-24Vdc		
LEDs	80 x Super Bright 5050 LEDs	8 x 3W High Power LEDs	39 x Super Bright LEDs
Flash Pattern	Rotating, Strobe & Quad Flash	Single, Double & Rotation	
Operating Temperature	-30°C to 50°C		
IP Rating	IP56		
Complies With	ECE R10	ECE R10 & R65	

Bright-B01 Series Ordering Scheme

Bright-B01 — **B** — **FlexDIN** — **A**

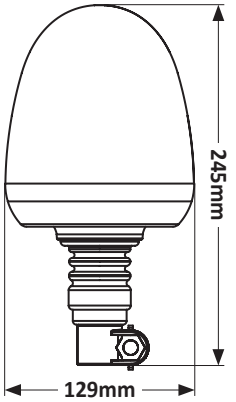
LED Configuration:
B
C
D

Mounting Options:
FlexDIN = Flexible DIN Pole | LoFlexDIN = Flexible Low DIN Pole
SBolt = Single Bolt | Mag = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | FlexP = Flexible & Permanent

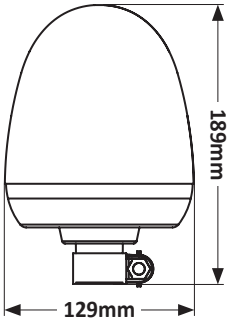
Colour Options:
A = Amber
G = Green

Bright-B01 Series Dimensions

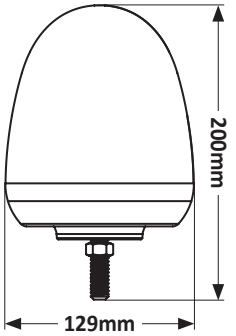
Flexible DIN Pole



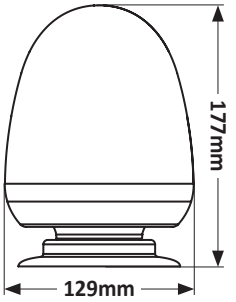
Flexible Low DIN Pole



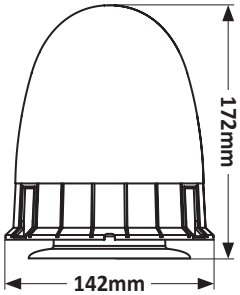
Single Bolt



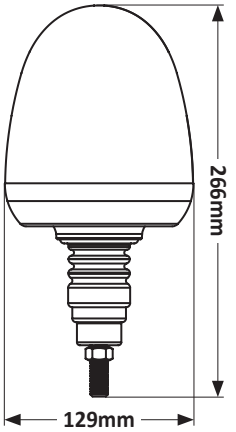
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B02 Series - High Profile Rotating LED Beacons

- High Profile Rotating Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B02 Series Mounting Options

Bright-B02 Series Technical Specification

Function	High Profile Rotating Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	32W
Operating Voltage	12-24Vdc
LEDs	16 x 3W High Power LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B02 Series Ordering Scheme

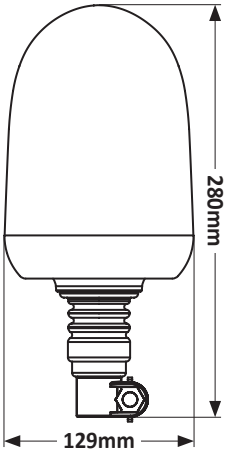
Bright-B02 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **LoFlexDIN** = Flexible Low DIN Pole
SBolt = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent

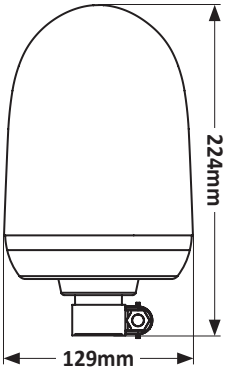
Colour Options:
A = Amber
G = Green

Bright-B02 Series Dimensions

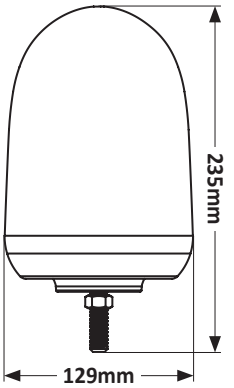
Flexible DIN Pole



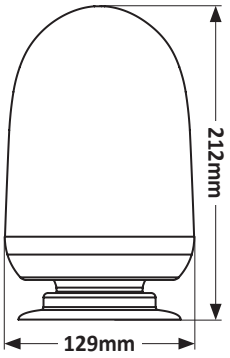
Flexible Low DIN Pole



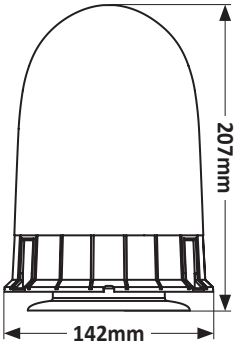
Single Bolt



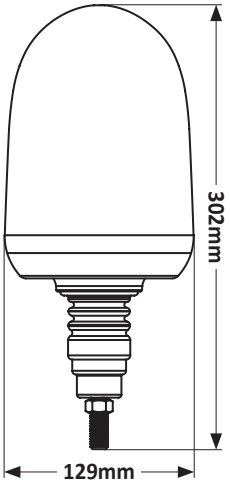
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B03 Series - High Profile Rotating LED Beacons

- High Profile Rotating Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B03 Series Mounting Options

Bright-B03 Series Technical Specification

Function	High Profile Rotating Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	32W
Operating Voltage	12-24Vdc
LEDs	16 x 3W High Power LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B03 Series Ordering Scheme

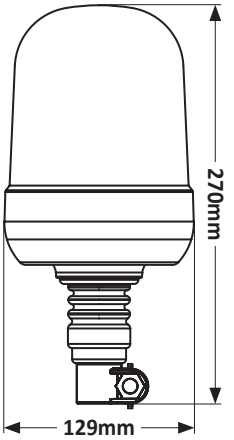
Bright-B03 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **LoFlexDIN** = Flexible Low DIN Pole
SBolt = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent

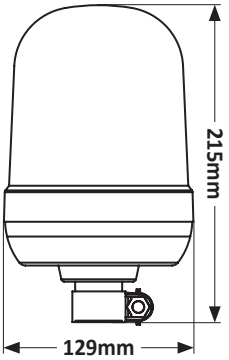
Colour Options:
A = Amber
G = Green

Bright-B03 Series Dimensions

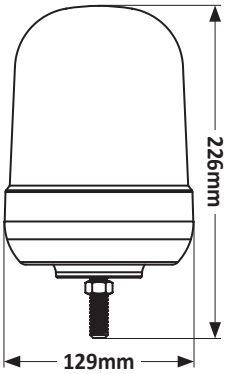
Flexible DIN Pole



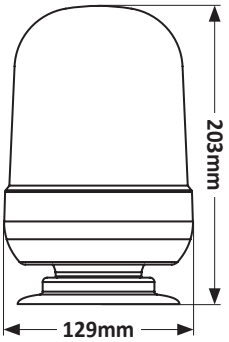
Flexible Low DIN Pole



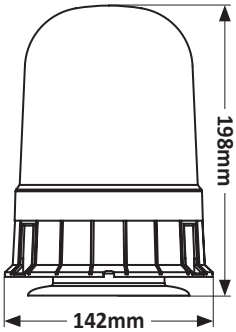
Single Bolt



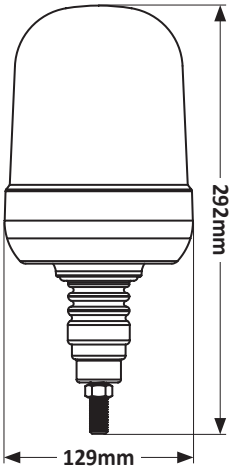
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B04 Series - High Profile Rotating LED Beacons

- High Profile Rotating Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B04 Series Mounting Options

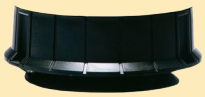
Flexible DIN Pole

Flexible Low DIN Pole

Single Bolt

Magnetic

Magnetic / 3 Bolt



Flexible & Permanent

Bright-B04 Series Technical Specification

Function	High Profile Rotating Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	32W
Operating Voltage	12-24Vdc
LEDs	16 x 3W High Power LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B04 Series Ordering Scheme

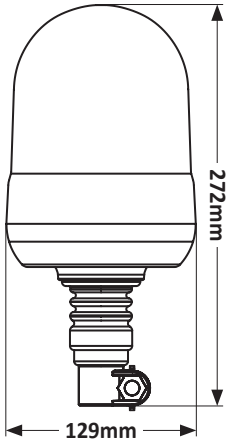
Bright-B04 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **LoFlexDIN** = Flexible Low DIN Pole
SBolt = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent

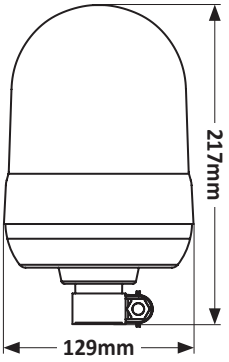
Colour Options:
A = Amber
G = Green

Bright-B04 Series Dimensions

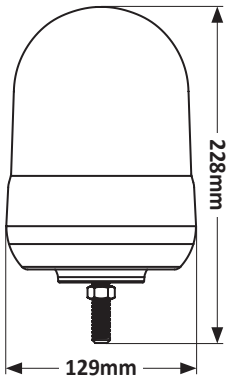
Flexible DIN Pole



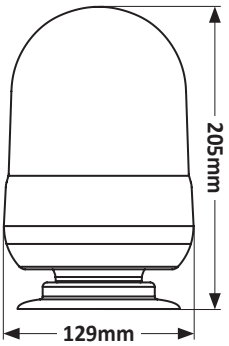
Flexible Low DIN Pole



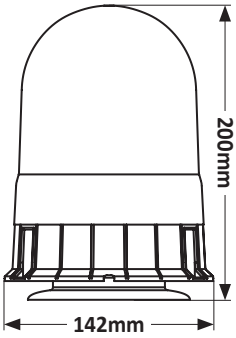
Single Bolt



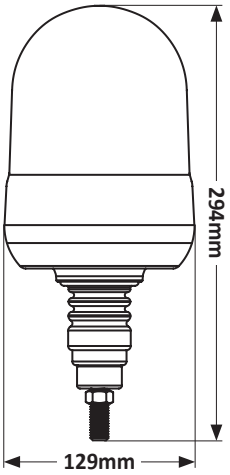
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B05 Series - Micro Strobe and Rotating LED Beacons

- Micro Strobe and Rotating Beacons
- Available in 3 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B05 Series Mounting Options

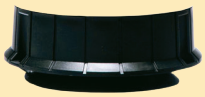
Flexible DIN Pole

Flexible Low DIN Pole

Single Bolt

Magnetic

Magnetic / 3 Bolt



Flexible & Permanent

Bright-B05 Series Technical Specification

	Bright-B05-B	Bright-B05-C	Bright-B05-D
Function	Micro Rotating Beacons		Micro Strobe Beacons
LED Colour	Amber / Green		
Maximum Power	30W	17W	19W
Operating Voltage	12-24Vdc		
LEDs	60 x Super Bright 5050 LEDs	8 x 3W High Power LEDs	39 x Super Bright LEDs
Flash Pattern	Rotating, Strobe & Quad Flash	Single, Double & Rotation	
Operating Temperature	-30°C to 50°C		
IP Rating	IP56		
Complies With	ECE R10	ECE R10 & R65	

Bright-B05 Series Ordering Scheme

Bright-B05 — **B** — **FlexDIN** — **A**

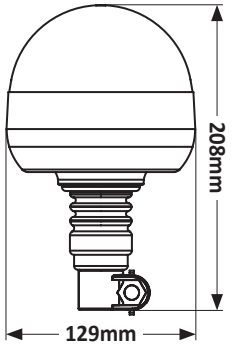
LED Configuration:
B
C
D

Mounting Options:
FlexDIN = Flexible DIN Pole | LoFlexDIN = Flexible Low DIN Pole
SBolt = Single Bolt | Mag = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | FlexP = Flexible & Permanent

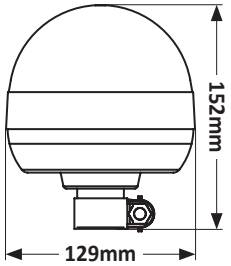
Colour Options:
A = Amber
G = Green

Bright-B05 Series Dimensions

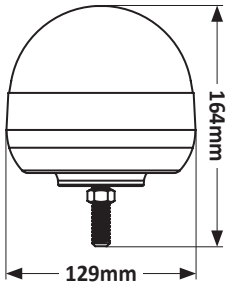
Flexible DIN Pole



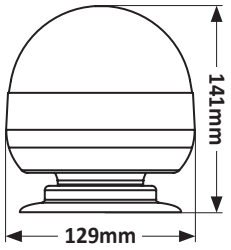
Flexible Low DIN Pole



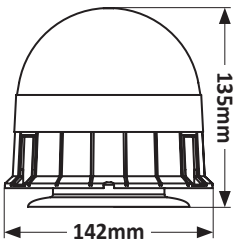
Single Bolt



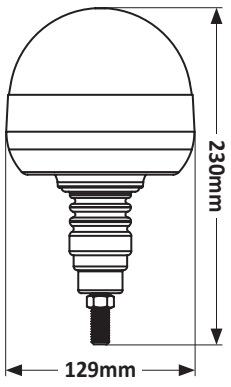
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B06 Series - Low Profile Strobe and Rotating LED Beacons

- Low Profile Strobe and Rotating Beacons
- Available in 3 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B06 Series Mounting Options

Bright-B06 Series Technical Specification

	Bright-B06-B	Bright-B06-C	Bright-B06-D
Function	Low Profile Rotating Beacons		Low Profile Strobe Beacons
LED Colour	Amber / Green		
Maximum Power	40W	17W	19W
Operating Voltage	12-24Vdc		
LEDs	80 x Super Bright 5050 LEDs	8 x 3W High Power LEDs	39 x Super Bright LEDs
Flash Pattern	Rotating, Strobe & Quad Flash	Single, Double & Rotation	
Operating Temperature	-30°C to 50°C		
IP Rating	IP56		
Complies With	ECE R10	ECE R10 & R65	

Bright-B06 Series Ordering Scheme

Bright-B06 — **B** — **FlexDIN** — **A**

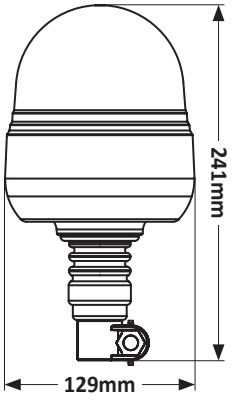
LED Configuration:
B
C
D

Mounting Options:
FlexDIN = Flexible DIN Pole | LoFlexDIN = Flexible Low DIN Pole
SBolt = Single Bolt | Mag = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | FlexP = Flexible & Permanent

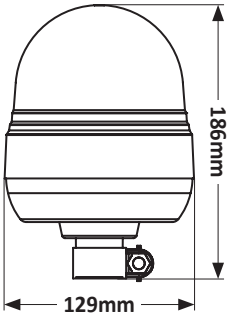
Colour Options:
A = Amber
G = Green

Bright-B06 Series Dimensions

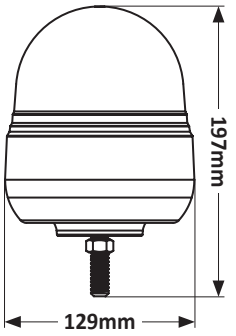
Flexible DIN Pole



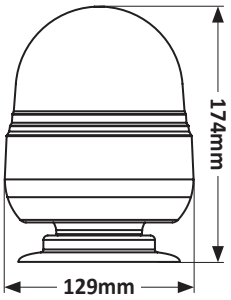
Flexible Low DIN Pole



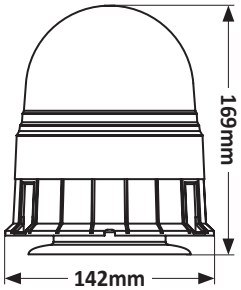
Single Bolt



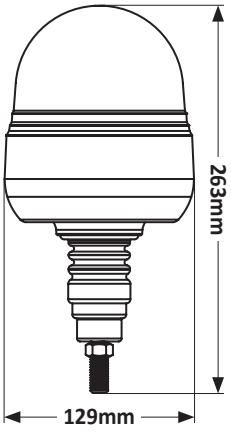
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B07 Series - High Profile Rotating LED Beacons

- High Profile Rotating Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B07 Series Mounting Options

Bright-B07 Series Technical Specification

Function	High Profile Rotating Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	32W
Operating Voltage	12-24Vdc
LEDs	16 x 3W High Power LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B07 Series Ordering Scheme

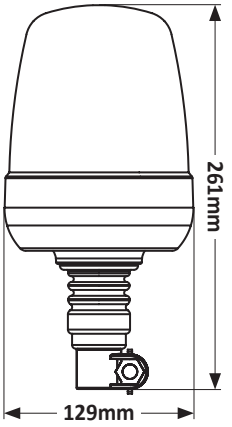
Bright-B07 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **LoFlexDIN** = Flexible Low DIN Pole
SBolt = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent

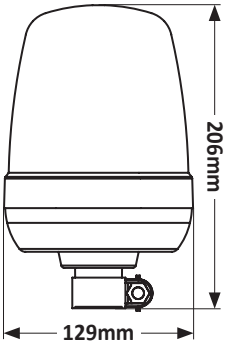
Colour Options:
A = Amber
G = Green

Bright-B07 Series Dimensions

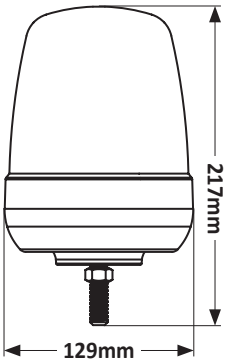
Flexible DIN Pole



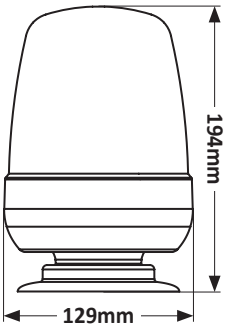
Flexible Low DIN Pole



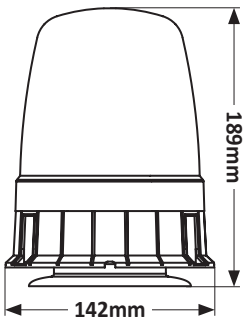
Single Bolt



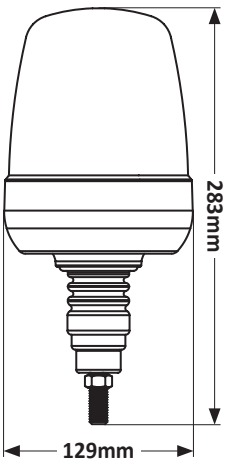
Magnetic



Magnetic / 3 Bolt



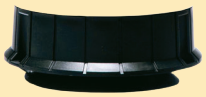
Flexible & Permanent



Bright-B08 Series - Micro Strobe LED Beacons

- Micro Strobe Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 5 Different Mounting Options
- Available in Amber or Green

Bright-B08 Series Mounting Options

Flexible DIN Pole	Flexible Low DIN Pole
Single Bolt	**Magnetic**
Magnetic / 3 Bolt	**Flexible & Permanent**
	

Bright-B08 Series Technical Specification

Function	**Micro Stobe Beacons with 360° Revolving Flash & Intermittent Flash**
LED Colour	**Amber / Green**
Maximum Power	**19W**
Operating Voltage	**12-24Vdc**
LEDs	**39 x Super Bright LEDs**
Flash Pattern	**Single, Double & Rotation**
Operating Temperature	**-30°C to 50°C**
IP Rating	**IP56**
Complies With	**ECE R10 & R65**

Bright-B08 Series Ordering Scheme

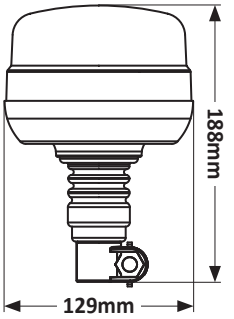
Bright-B08 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **LoFlexDIN** = Flexible Low DIN Pole
SBolt = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent

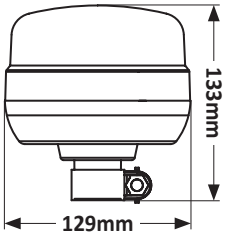
Colour Options:
A = Amber
G = Green

Bright-B08 Series Dimensions

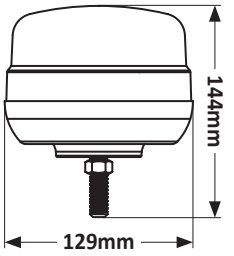
Flexible DIN Pole



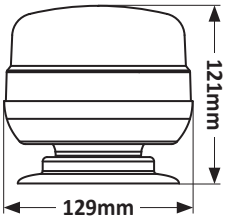
Flexible Low DIN Pole



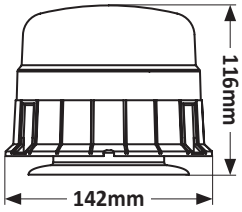
Single Bolt



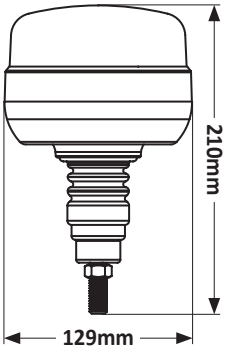
Magnetic



Magnetic / 3 Bolt



Flexible & Permanent



Bright-B09 Series - Micro Strobe LED Beacons

- Micro Strobe Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 6 Different Mounting Options
- Available in Amber or Green

Bright-B09 Series Mounting Options

Flexible DIN Pole	Single Bolt
Magnetic	**Magnetic (Low)**
Flexible & Permanent	**3 Bolt**

Bright-B09 Series Technical Specification

Function	Micro Stobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	19W
Operating Voltage	12-24Vdc
LEDs	36 x Super Bright LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B09 Series Ordering Scheme

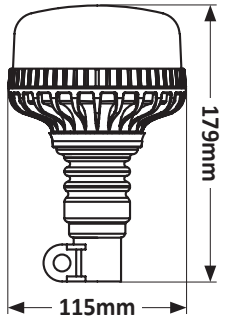
Bright-B09 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **SBolt** = Single Bolt
Mag = Magnetic | **MagL** = Magnetic (Low)
FlexP = Flexible & Permanent | **3Bolt** = 3 Bolt

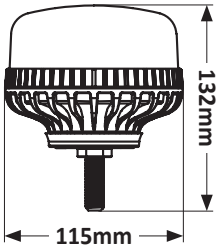
Colour Options:
A = Amber
G = Green

Bright-B09 Series Dimensions

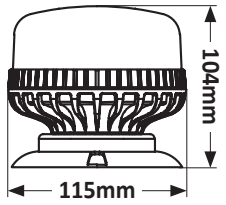
Flexible DIN Pole



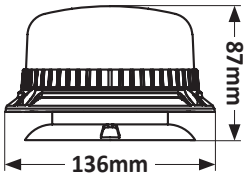
Single Bolt



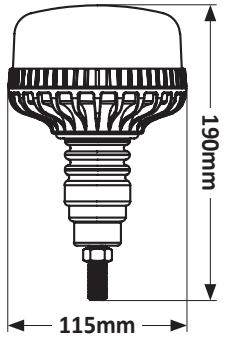
Magnetic



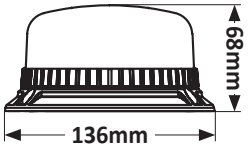
Magnetic (Low)



Flexible & Permanent



3 Bolt



Bright-B10 Series - Micro Strobe LED Beacons

- Micro Strobe Beacons
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 6 Different Mounting Options
- Available in Amber or Green

Bright-B10 Series Mounting Options

Flexible DIN Pole	Single Bolt
Magnetic	**Magnetic (Low)**
Flexible & Permanent	**3 Bolt**

Bright-B10 Series Technical Specification

Function	Micro Stobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	19W
Operating Voltage	12-24Vdc
LEDs	36 x Super Bright LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B10 Series Ordering Scheme

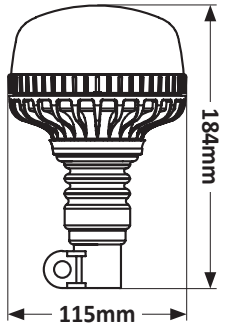
Bright-B10 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **SBolt** = Single Bolt
Mag = Magnetic | **MagL** = Magnetic (Low)
FlexP = Flexible & Permanent | **3Bolt** = 3 Bolt

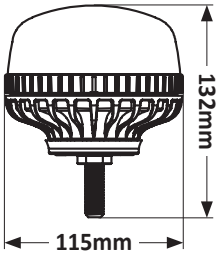
Colour Options:
A = Amber
G = Green

Bright-B10 Series Dimensions

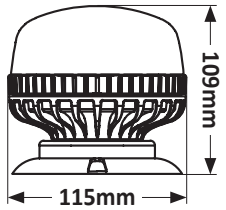
Flexible DIN Pole



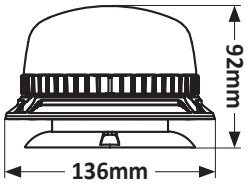
Single Bolt



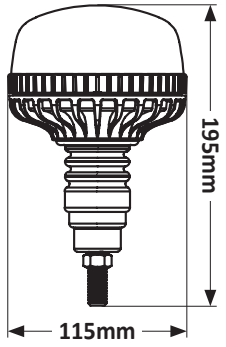
Magnetic



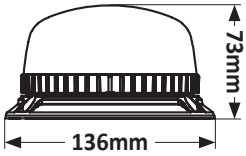
Magnetic (Low)



Flexible & Permanent



3 Bolt



Bright-B11 Series - Micro Strobe & Rotating LED Beacons

- Micro Strobe and Rotating Beacons
- Available in 2 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 7 Different Mounting Options
- Available in Amber or Green

Bright-B11 Series Mounting Options

Flexible DIN Pole

Single Bolt

Magnetic

Magnetic (Low)

Magnetic / 3 Bolt

Flexible & Permanent

3 Bolt

Bright-B11 Series Technical Specification

	Bright-B11-A	Bright-B11-B
Function	Micro Strobe Beacons	Micro Rotating Beacons
LED Colour	Amber / Green	
Maximum Power	19W	30W
Operating Voltage	12-24Vdc	
LEDs	36 x Super Bright LEDs	60 x Super Bright 5050 LEDs
Flash Pattern	Single, Double & Rotation	Rotating, Strobe & Quad Flash
Operating Temperature	-30°C to 50°C	
IP Rating	IP56	
Complies With	ECE R10 & R65	ECE R10

Bright-B11 Series Ordering Scheme

Bright-B11 — **A** — **FlexDIN** — **A**

LED Configuration:
A
B

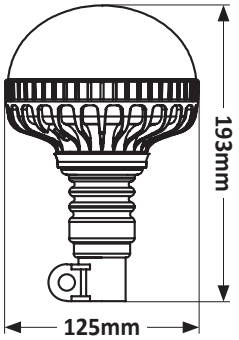
Mounting Options:
FlexDIN = Flexible DIN Pole | SBolt = Single Bolt | Mag = Magnetic
MagL* = Magnetic (Low) | Mag3Bolt** = Magnetic / 3 Bolt
FlexP* = Flexible & Permanent | 3Bolt = 3 Bolt

Colour Options:
A = Amber
G = Green

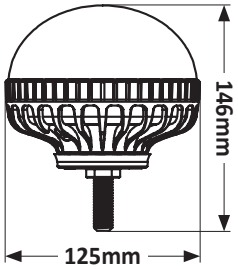
* Only available for Version A ** Only available for Version B

Bright-B11 Series Dimensions

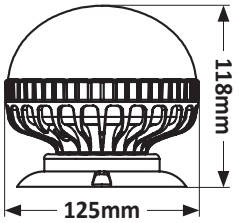
Flexible DIN Pole



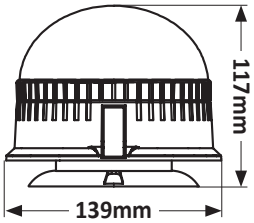
Single Bolt



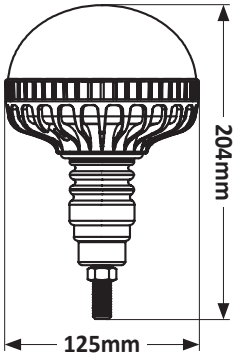
Magnetic



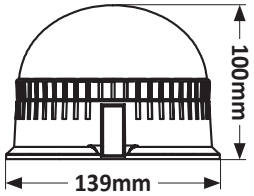
Magnetic (Low) & Magnetic / 3 Bolt



Flexible & Permanent



3 Bolt



Bright-B12 Series - Flat Top Strobe LED Beacons

- Flat Top Strobe Beacons
- Available in 2 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 7 Different Mounting Options
- Available in Amber or Green

Bright-B12 Series Mounting Options

Flexible DIN Pole

Single Bolt

Magnetic

Magnetic / 3 Bolt

Flexible & Permanent

3 Bolt (High)

3 Bolt (Low)

Bright-B12 Series Technical Specification

Function	Flat Top Stobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	19W
Operating Voltage	12-24Vdc
LEDs	39 x Super Bright LEDs
Flash Pattern	Single, Double & Rotation
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10 & R65

Bright-B12 Series Ordering Scheme

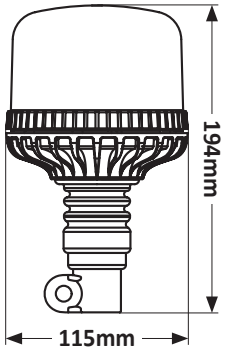
Bright-B12 — **FlexDIN** — **A**

Mounting Options:
FlexDIN = Flexible DIN Pole | **SBolt** = Single Bolt | **Mag** = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | **FlexP** = Flexible & Permanent
3BoltH = 3 Bolt (High) | **3BoltL** = 3 Bolt (Low)

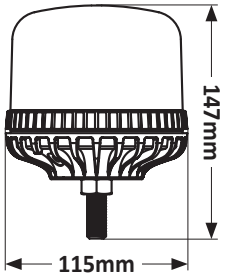
Colour Options:
A = Amber
G = Green

Bright-B12 Series Dimensions

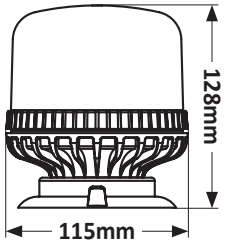
Flexible DIN Pole



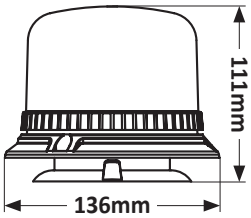
Single Bolt



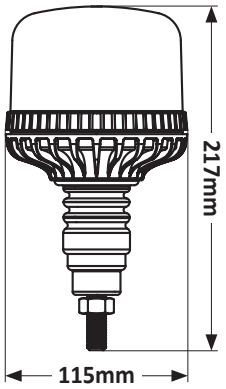
Magnetic



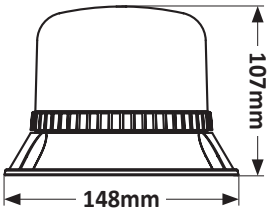
Magnetic / 3 Bolt



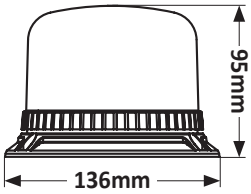
Flexible & Permanent



3 Bolt (High)



3 Bolt (Low)



Bright-B13 Series - Flat Top Rotating LED Beacons

- Flat Top Rotating Beacons
- Available in 2 different LED configurations
- 360° Revolving Flash / Intermittent Flash
- 120 Single or Double Flashes per Minute
- 7 Different Mounting Options
- Available in Amber or Green

Bright-B13 Series Mounting Options

Flexible DIN Pole	Single Bolt
Magnetic	**Magnetic / 3 Bolt**
Flexible & Permanent	**ISO / 3 Bolt**
ISO / 3 Bolt (High)	**3 Bolt (Low)**

Bright-B13 Series Technical Specification

	Bright-B13-B	Bright-B13-C
Function	Flat Top Rotating Beacons with 360° Revolving Flash & Intermittent Flash	
LED Colour	Amber / Green	
Maximum Power	30W	16W (Night) / 32W (Day)
Operating Voltage	10-110Vdc	12-24Vdc
LEDs	60 x Super Bright 5730 LEDs	16 x 5W Super Bright LEDs
Flash Pattern	Rotating, Strobe & Quad Flash	Single, Double & Rotation
Operating Temperature	-30°C to 50°C	
IP Rating	IP56	IP66
Complies With	ECE R10	ECE R10 & R65

Bright-B13 Series Ordering Scheme

Bright-B13 — **A** — **FlexDIN** — **A**

LED Configuration:
B*
C

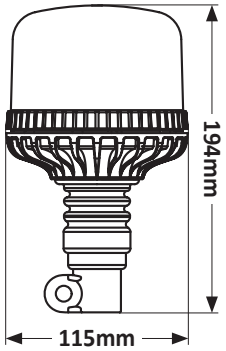
Mounting Options:
FlexDIN = Flexible DIN Pole | SBolt = Single Bolt | Mag = Magnetic
Mag3Bolt = Magnetic / 3 Bolt | FlexP = Flexible & Permanent
ISO3Bolt = ISO / 3 Bolt | ISO3BoltH = ISO / 3 Bolt (High) | 3BoltL = 3 Bolt (Low)

Colour Options:
A = Amber
G = Green

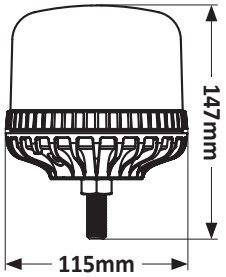
* Only available with ISO / 3 Bolt (High) Mounting Option

Bright-B13 Series Dimensions

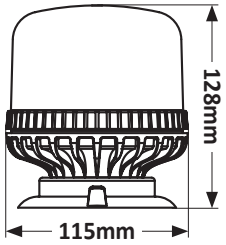
Flexible DIN Pole



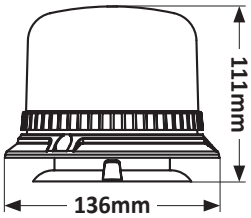
Single Bolt



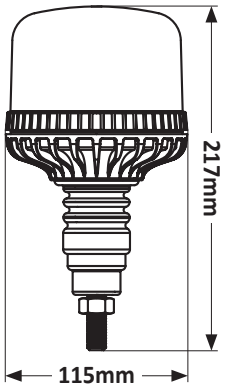
Magnetic



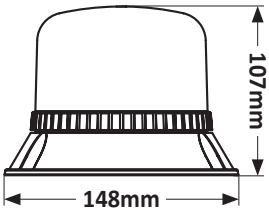
Magnetic / 3 Bolt



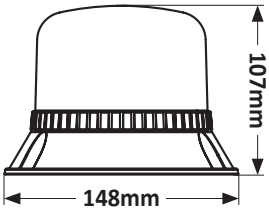
Flexible & Permanent



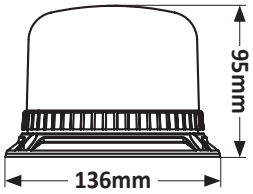
ISO / 3 Bolt



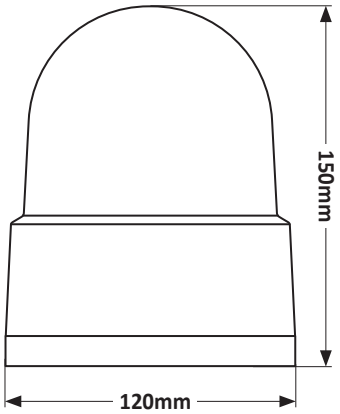
ISO / 3 Bolt (High)



3 Bolt (Low)



Bright-B14 Series - Magnetic Mount Dome Strobe LED Beacons



Bright-B14 Series Technical Specification

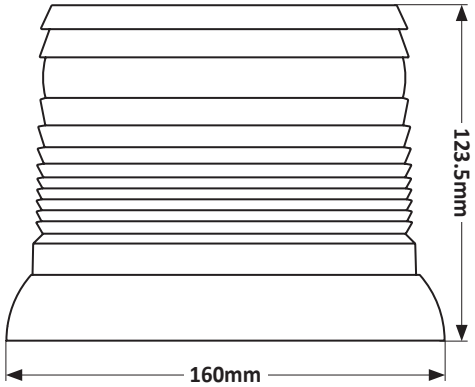
Function	Magnetic Mount Dome Strobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	40W
Operating Voltage	12-24Vdc
LEDs	80 x Super Bright 5050 LEDs
Flash Pattern	Rotating & Strobe
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10
Mounting	Magnetic / 3 Bolt

Bright-B14 Series Ordering Scheme

Bright-B14 — **Mag3Bolt** — **A**

Colour Options:
A = Amber
G = Green

Bright-B15 Series - Magnetic Mount Big Dome Strobe LED Beacons



Bright-B15 Series Technical Specification

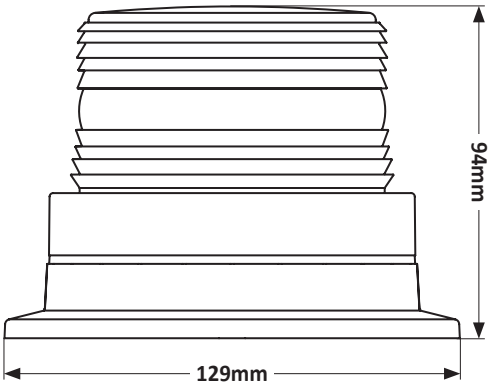
Function	Magnetic Mount Big Dome Strobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	40W
Operating Voltage	12-24Vdc
LEDs	80 x Super Bright 5730 LEDs
Flash Pattern	Rotating & Strobe
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10
Mounting	Magnetic

Bright-B15 Series Ordering Scheme

Bright-B15 — **Mag** — **A**

Colour Options:
A = Amber
G = Green

Bright-B16 Series - Magnetic Mount Emergency Strobe LED Beacons



Bright-B16 Series Technical Specification

Function	Magnetic Mount LED Emergency Strobe Beacons with 360° Revolving Flash & Intermittent Flash
LED Colour	Amber / Green
Maximum Power	40W
Operating Voltage	12-24Vdc
LEDs	80 x Super Bright 5730 LEDs
Flash Pattern	Rotating & Strobe
Operating Temperature	-30°C to 50°C
IP Rating	IP56
Complies With	ECE R10
Mounting	Magnetic

Bright-B16 Series Ordering Scheme

Bright-B16 — **Mag** — **A**

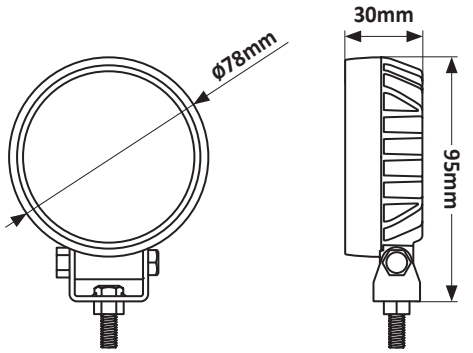
Colour Options:
A = Amber
G = Green

Bright LED Work Lights

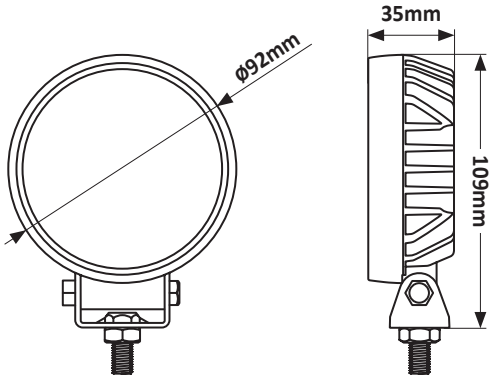
The Techna Bright LED Work Lights range encompasses a wide range of shapes and sizes in order to offer the ideal lighting for the required application.

Bright-WL01RO Series - Round LED Work Lights

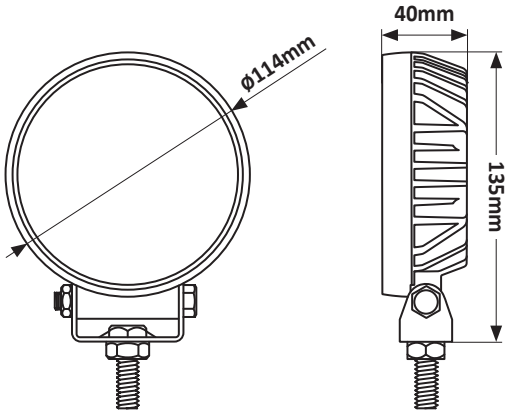
Order Code Bright-WL01RO-12



Order Code Bright-WL01RO-16



Order Code Bright-WL01RO-24

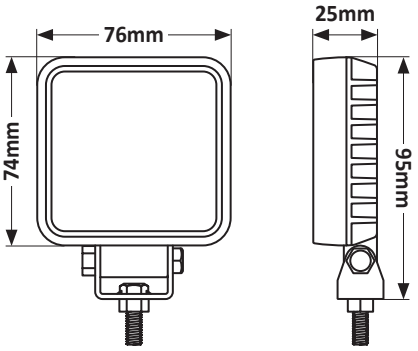


Bright-WL01RO Series Technical Specification

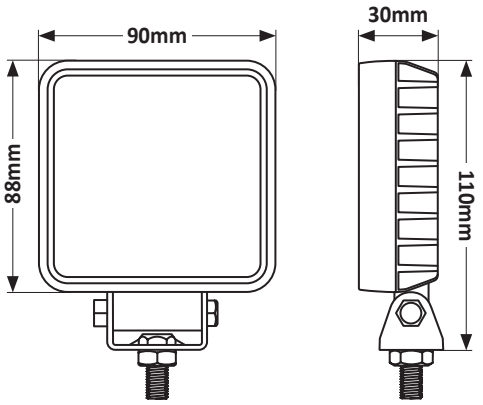
	Bright-WL01RO-12	Bright-WL01RO-16	Bright-WL01RO-24
Maximum Power	12W	16W	24W
Operating Voltage	10-30Vdc		
LEDs	12 x 1W LEDs	16 x 1W LEDs	24 x 1W LEDs
Lumens	1000LM	1400LM	1900LM
Beam Pattern	Flood		
Operating Life	50,000 Hours		
IP Rating	IP67		

Bright-WL01SQ Series - Square LED Work Lights

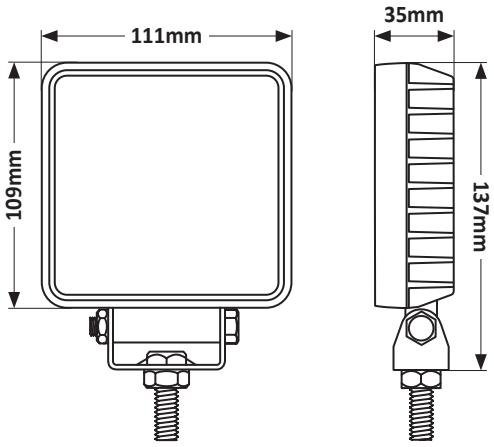
Order Code **Bright-WL01SQ-12**



Order Code **Bright-WL01SQ-16**



Order Code **Bright-WL01SQ-30**

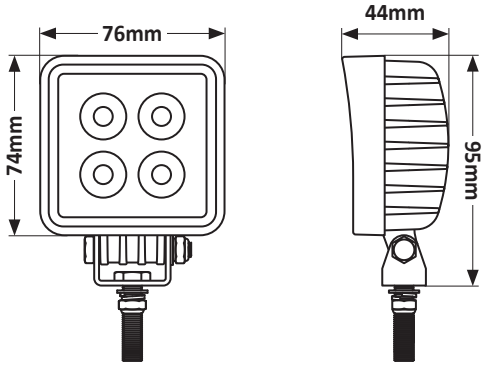


Bright-WL01SQ Series Technical Specification

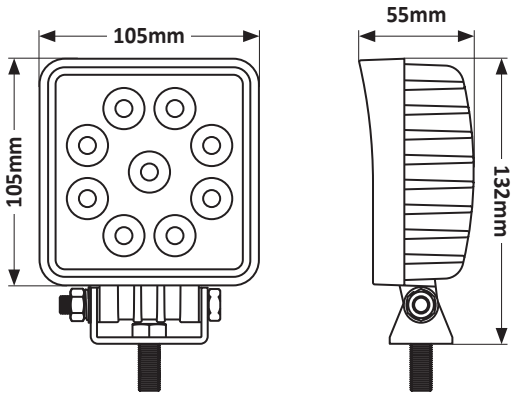
	Bright-WL01SQ-12	Bright-WL01SQ-16	Bright-WL01SQ-30
Maximum Power	12W	16W	30W
Operating Voltage	10-30Vdc		
LEDs	12 x 1W LEDs	16 x 1W LEDs	30 x 1W LEDs
Lumens	1000LM	1400LM	2400LM
Beam Pattern	Flood		
Operating Life	50,000 Hours		
IP Rating	IP67		

Bright-WL02 Series - Square LED Work Lights

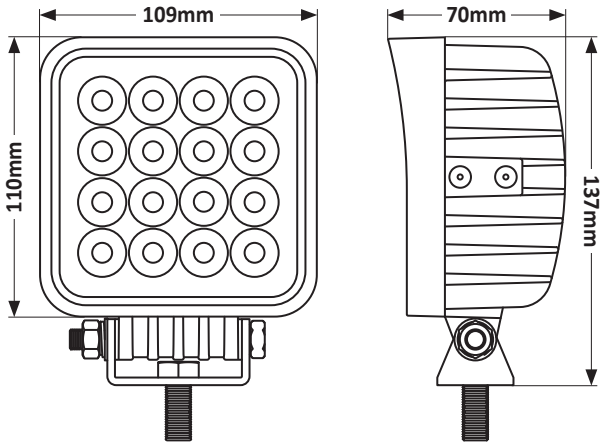
Order Code Bright-WL02-12



Order Code Bright-WL02-27



Order Code Bright-WL02-48

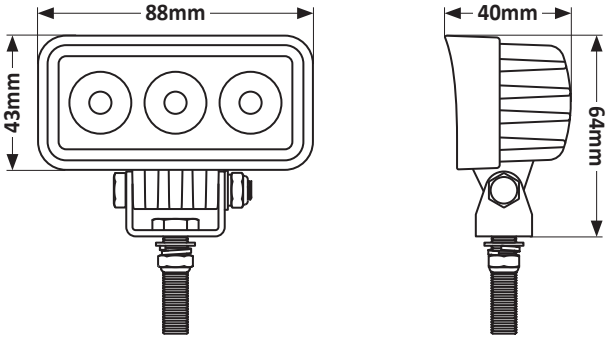


Bright-WL02 Series Technical Specification

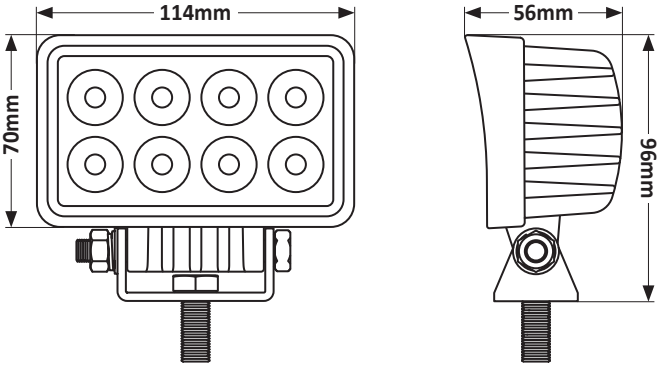
	Bright-WL02-12	Bright-WL02-27	Bright-WL02-48
Maximum Power	12W	27W	48W
Operating Voltage	10-30Vdc		
LEDs	4 x 3W LEDs	9 x 3W LEDs	16 x 3W LEDs
Lumens	840LM	1890LM	3360LM
Beam Pattern	Flood / Spot		
Operating Life	50,000 Hours		
IP Rating	IP67		
Complies With	ECE R10		

Bright-WL03 Series - Rectangular LED Work Lights

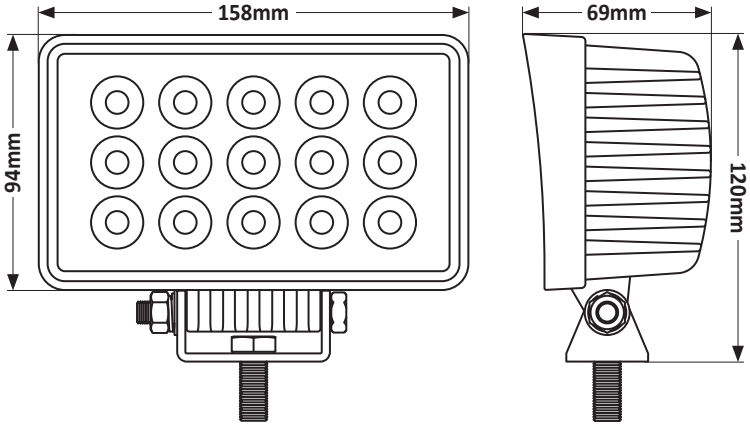
Order Code **Bright-WL03-9**



Order Code **Bright-WL03-24**



Order Code **Bright-WL03-45**

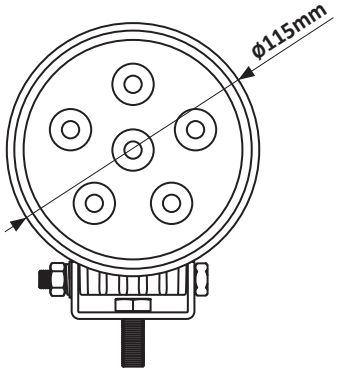


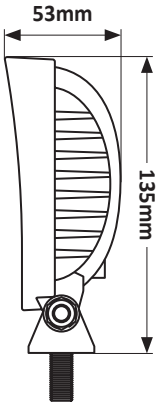
Bright-WL03 Series Technical Specification

	Bright-WL03-9	Bright-WL03-24	Bright-WL03-45
Maximum Power	9W	24W	45W
Operating Voltage	10-30Vdc		
LEDs	3 x 3W LEDs	8 x 3W LEDs	15 x 3W LEDs
Lumens	630LM	1680LM	3150LM
Beam Pattern	Flood / Spot		
Operating Life	50,000 Hours		
IP Rating	IP67		
Complies With	ECE R10		

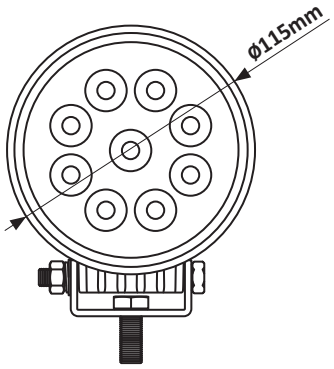
Bright-WL04 Series - Round LED Work Lights

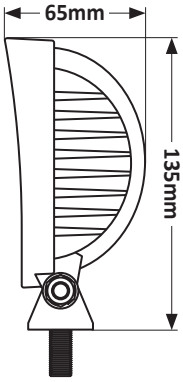
Order Code Bright-WL04-18



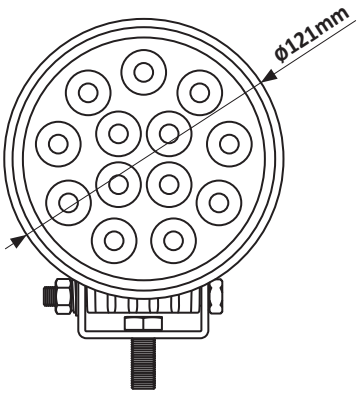


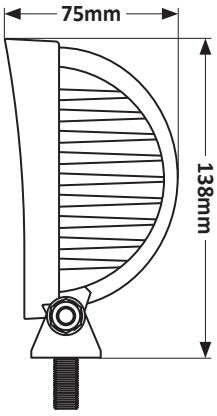
Order Code Bright-WL04-27





Order Code Bright-WL04-39



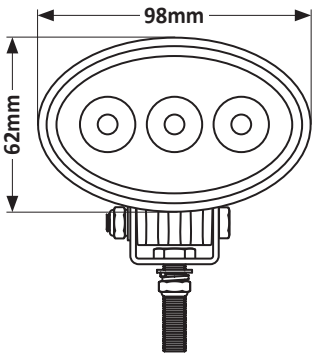


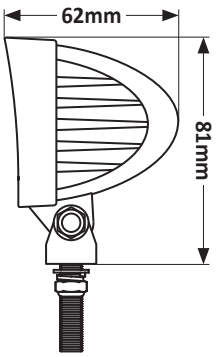
Bright-WL04 Series Technical Specification

	Bright-WL04-18	Bright-WL04-27	Bright-WL04-39
Maximum Power	18W	27W	39W
Operating Voltage	10-30Vdc		
LEDs	6 x 3W LEDs	9 x 3W LEDs	13 x 3W LEDs
Lumens	1260LM	1890LM	2730LM
Beam Pattern	Flood / Spot		
Operating Life	50,000 Hours		
IP Rating	IP67		
Complies With	ECE R10		

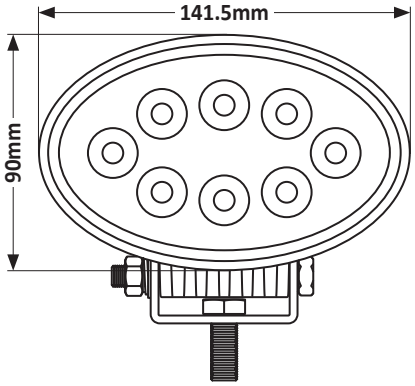
Bright-WL05 Series - Oval LED Work Lights

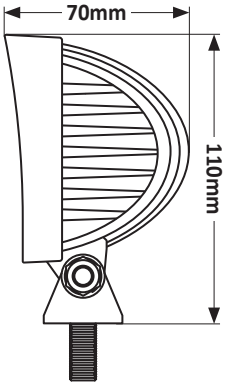
Order Code **Bright-WL05-9**



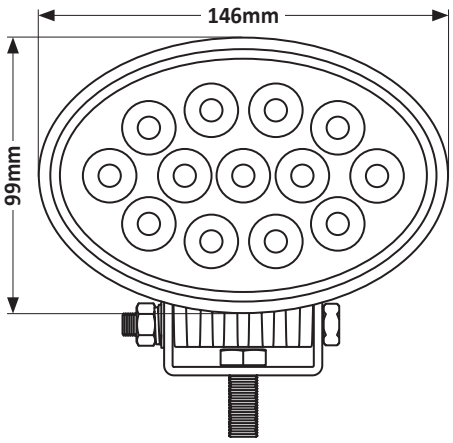


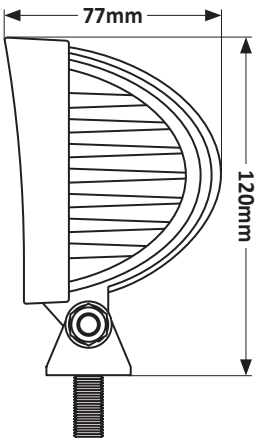
Order Code **Bright-WL05-24**





Order Code **Bright-WL05-39**





Bright-WL05 Series Technical Specification

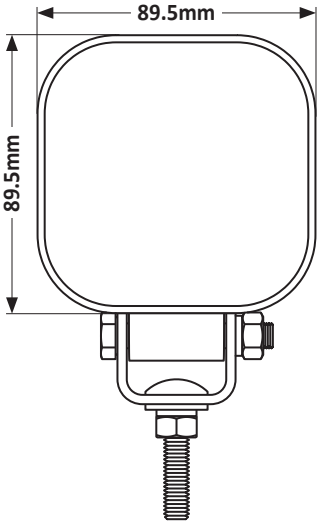
	Bright-WL05-9	Bright-WL05-24	Bright-WL05-39
Maximum Power	9W	24W	39W
Operating Voltage	10-30Vdc		
LEDs	3 x 3W LEDs	8 x 3W LEDs	13 x 3W LEDs
Lumens	630LM	1680LM	2730LM
Beam Pattern	Flood / Spot		
Operating Life	50,000 Hours		
IP Rating	IP67		
Complies With	ECE R10		

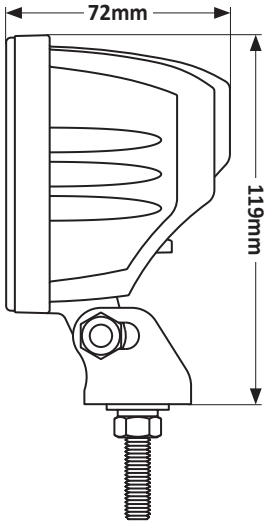
Bright-WL06 Series - Square LED Work Lights

Order Code Bright-WL06-20 / Bright-WL06-40

Order Code Bright-WL06-25 / Bright-WL06-50A

Order Code Bright-WL06-50B / Bright-WL06-70





Bright-WL06 Series Technical Specification

	Bright-WL06-20	Bright-WL06-40	Bright-WL06-25	Bright-WL06-50A	Bright-WL06-50B	Bright-WL06-70
Maximum Power	20W	40W	25W	50W	50W	70W
Operating Voltage	10-30Vdc					
LEDs	4 x 5W LEDs	4 x 10W LEDs	5 x 5W LEDs	5 x 10W LEDs	10 x 5W LEDs	6 x 5W LEDs + 4 x 10W LEDs
Lumens	1360LM	3400LM	1670LM	4100LM	3000LM	3270LM
Beam Pattern	8° Spot		90° Flood		8° / 90° Combo	
Operating Life	50,000 Hours					
IP Rating	IP67 / IP69K					
Complies With	ECE R10					

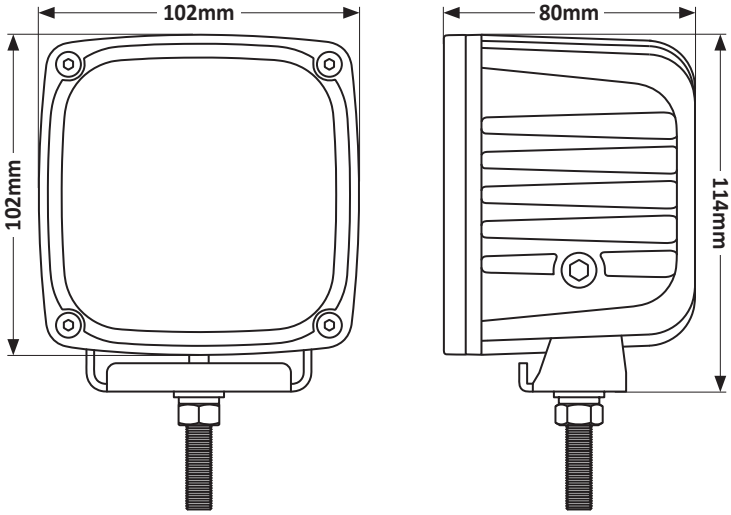
Bright-WL07 Series - Square LED Work Lights

Order Code Bright-WL07-40S

Order Code Bright-WL07-40C

Order Code Bright-WL07-45S

Order Code Bright-WL07-45C

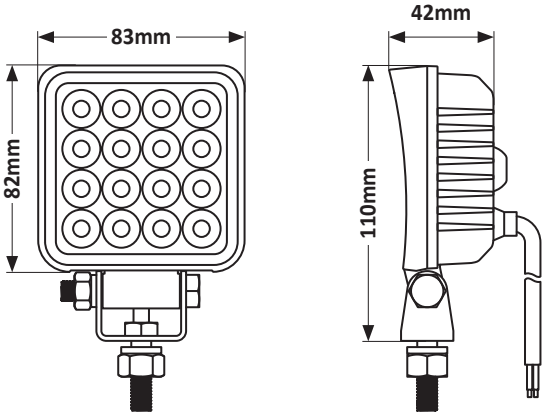


Bright-WL07 Series Technical Specification

	Bright-WL07-40S	Bright-WL07-40C	Bright-WL07-45S	Bright-WL07-45C
Maximum Power	40W		45W	
Operating Voltage	10-30Vdc			
LEDs	4 x 10W LEDs		9 x 5W LEDs	
Lumens	3580LM	3450LM	3030LM	3180LM
Beam Pattern	8° Spot	8° / 90° Combo	8° Spot	8° / 90° Combo
Operating Life	50,000 Hours			
IP Rating	IP67 / IP69K			
Complies With	ECE R10			

Bright-WL08 Series - Square LED Work Lights

Order Code: Bright-WL08 / Bright-WL08-SW

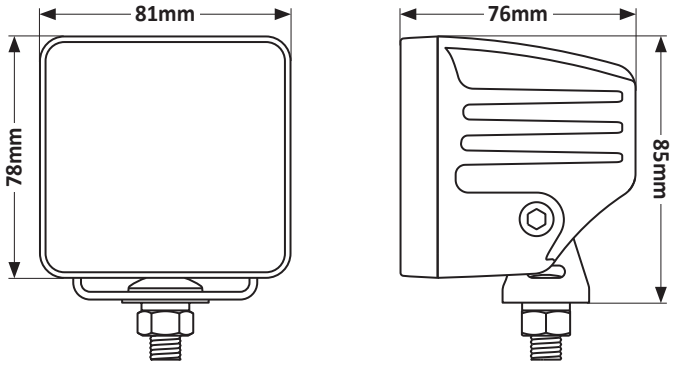


Bright-WL08 Series Technical Specification

	Bright-WL08	Bright-WL08-SW
Function	Without Switch	With Switch
Maximum Power	16W	
Operating Voltage	10-30Vdc	
LEDs	16 x 1W LEDs	
Lumens	1650LM	
Beam Pattern	90° Flood	
Operating Life	50,000 Hours	
IP Rating	IP67 / IP69K	
Complies With	ECE R10 & R23	

Bright-WL09 Series - Square LED Work Lights

Order Code: Bright-WL09

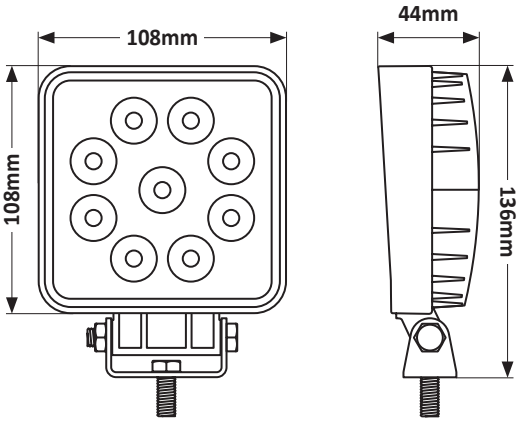


Bright-WL09 Series Technical Specification

Maximum Power	20W
Operating Voltage	10-30Vdc
LEDs	4 x 5W LEDs
Lumens	1530LM
Beam Pattern	8° Spot
Operating Life	50,000 Hours
IP Rating	IP67 / IP69K
Complies With	ECE R10

Bright-WL10 Series - Square LED Work Lights

Order Code: Bright-WL10

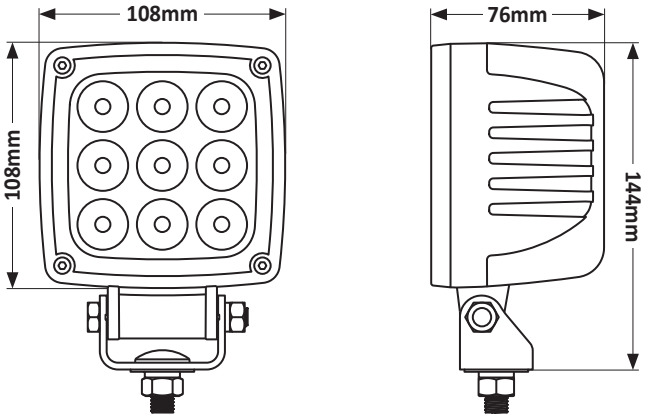


Bright-WL10 Series Technical Specification

Maximum Power	27W
Operating Voltage	10-30Vdc
LEDs	9 x 3W LEDs
Lumens	1890LM
Beam Pattern	Flood / Spot
Operating Life	50,000 Hours
IP Rating	IP67

Bright-WL11 Series - Square LED Work Lights

Order Code: Bright-WL11

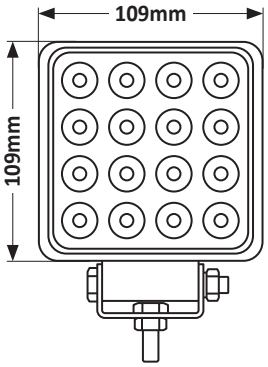


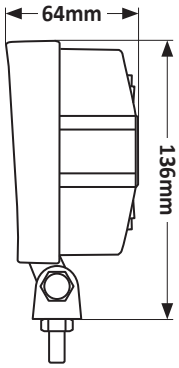
Bright-WL11 Series Technical Specification

Maximum Power	45W
Operating Voltage	10-30Vdc
LEDs	9 x 5W LEDs
Lumens	3540LM
Beam Pattern	90° Flood
Operating Life	50,000 Hours
IP Rating	IP67 / IP69K
Complies With	ECE R10

Bright-WL12 Series - Square LED Work Lights

Order Code: Bright-WL12



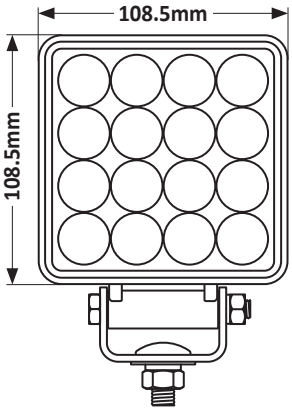


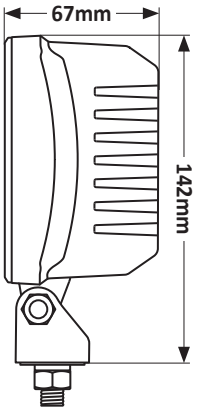
Bright-WL12 Series Technical Specification

Maximum Power	48W
Operating Voltage	10-30Vdc
LEDs	16 x 3W LEDs
Lumens	3360LM
Beam Pattern	60° Flood / 30° Spot
Operating Life	30,000 Hours
IP Rating	IP67

Bright-WL13 Series - Square LED Work Lights

Order Code: Bright-WL13



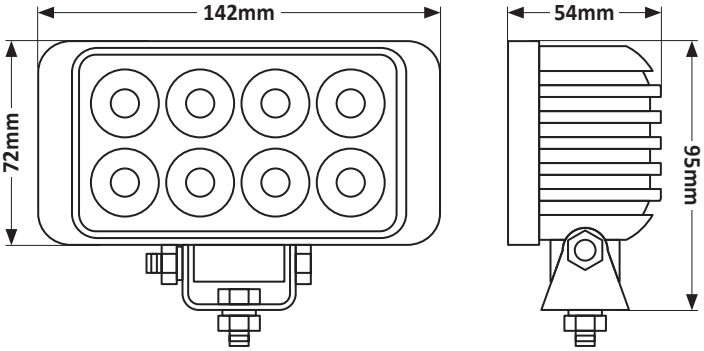


Bright-WL13 Series Technical Specification

Maximum Power	80W
Operating Voltage	10-30Vdc
LEDs	16 x 5W LEDs
Lumens	4600LM
Beam Pattern	90° Flood
Operating Life	50,000 Hours
IP Rating	IP67 / IP69K
Complies With	ECE R10

Bright-WL14 Series - Rectangular LED Work Lights

Order Code: Bright-WL14-24 / Bright-WL14-40

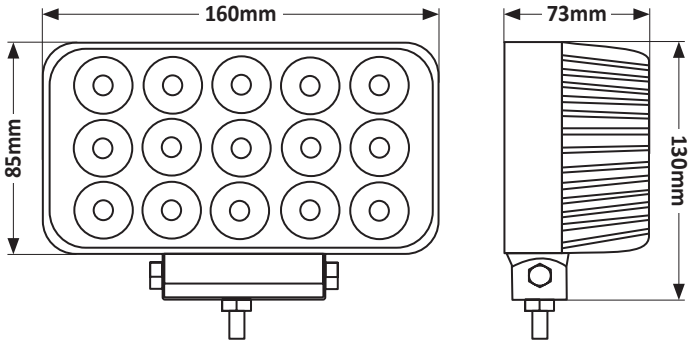


Bright-WL14 Series Technical Specification

	Bright-WL14-24	Bright-WL14-40
Maximum Power	24W	40W
Operating Voltage	10-30Vdc	
LEDs	8 x 3W LEDs	8 x 5W LEDs
Lumens	1680LM	2800LM
Beam Pattern	Flood / Spot	
Operating Life	50,000 Hours	
IP Rating	IP68	

Bright-WL15 Series - Rectangular LED Work Lights

Order Code: Bright-WL15

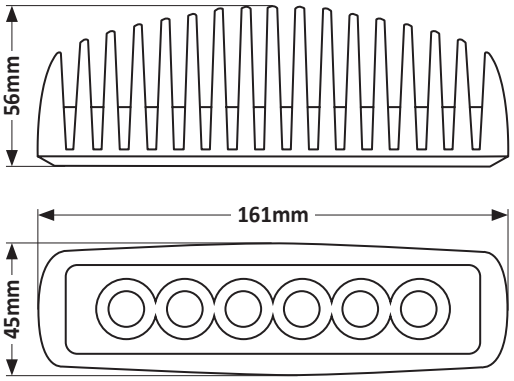


Bright-WL15 Series Technical Specification

Maximum Power	45W
Operating Voltage	10-30Vdc
LEDs	15 x 3W LEDs
Lumens	3150LM
Beam Pattern	Flood / Spot
Operating Life	50,000 Hours
IP Rating	IP67

Bright-WL16 Series - Rectangular LED Work Lights

Order Code: Bright-WL16

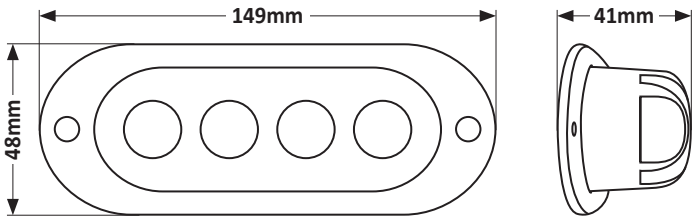


Bright-WL16 Series Technical Specification

Maximum Power	18W
Operating Voltage	10-60Vdc
LEDs	6 x 3W LEDs
Lumens	1260LM
Beam Pattern	Flood / Spot
Operating Life	50,000 Hours
IP Rating	IP67

Bright-WL17 Series - Rectangular LED Work Lights

Order Code: Bright-WL17

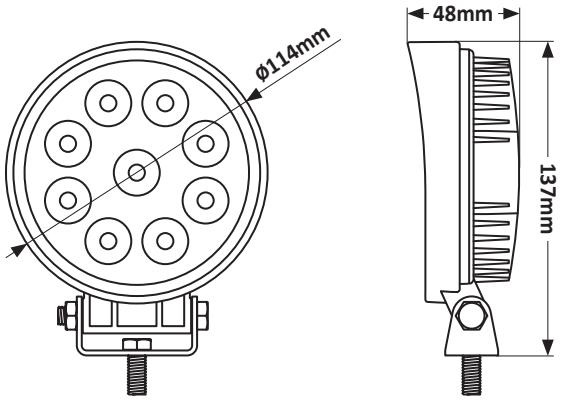


Bright-WL17 Series Technical Specification

Maximum Power	12W
Operating Voltage	10-30Vdc
LEDs	4 x 3W LEDs
Lumens	840LM
Beam Pattern	Flood
Operating Life	50,000 Hours
IP Rating	IP67

Bright-WL18 Series - Round LED Work Lights

Order Code: Bright-WL18

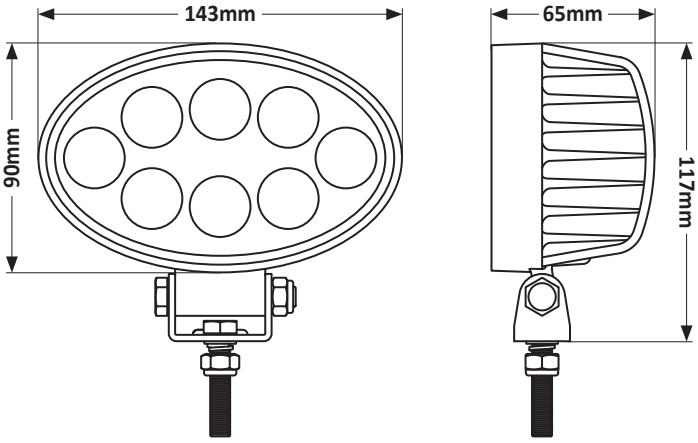


Bright-WL18 Series Technical Specification

Maximum Power	27W
Operating Voltage	10-30Vdc
LEDs	9 x 3W LEDs
Lumens	1890LM
Beam Pattern	Flood / Spot
Operating Life	50,000 Hours
IP Rating	IP67

Bright-WL19 Series - Oval LED Work Lights

Order Code: Bright-WL19



Bright-WL19 Series Technical Specification

Maximum Power	16W
Operating Voltage	10-30Vdc
LEDs	16 x 1W LEDs
Lumens	1700LM
Beam Pattern	8° Spot
Operating Life	50,000 Hours
IP Rating	IP67 / IP69K
Complies With	ECE R10

Bright LED Warning Lights

Techna's Bright LED warning lights include a range of Lightheads and Lightbars. All LED warning lights feature high waterproof and dustproof ratings, which makes them suitable for a large range of applications.

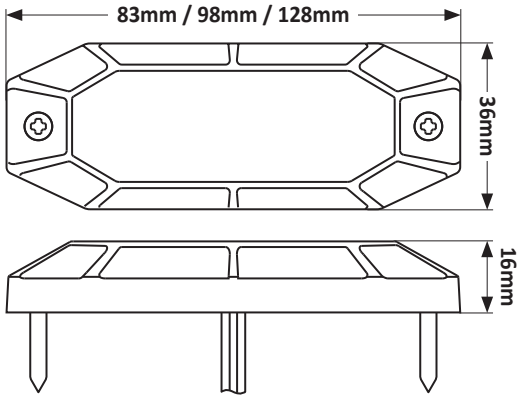
Typical applications include: • Industrial • Agriculture • Construction • Mining • Rail • Specialised Vehicles • Off-Road Vehicles • Trucks & Buses

Bright-LH01 Series - LED Lightheads

Order Code **Bright-LH01-03**

Order Code **Bright-LH01-04**

Order Code **Bright-LH01-06A / Bright-LH01-06B**



Bright-LH01 Series Technical Specification

	Bright-LH01-03	Bright-LH01-04	Bright-LH01-06A	Bright-LH01-06B
LED Colour	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White, Amber/White, Red/Blue, Red/White		
Maximum Power	9W	8W	12W	18W
Operating Voltage	10-30Vdc			
LEDs	3 x 3W LEDs	8 x 1W LEDs	12 x 1W LEDs	6 x 3W LEDs
Number of Flash Patterns	10 (Please contact Techna for the full list of Flash Patterns)			
IP Rating	IP67 / IP69K			
Complies With	ECE R10 (all versions) & R65 (single colour only)			
Mounting Options	Surface Mount			
Optional Accessory	Universal Controller			

Bright-LH01 Series Ordering Scheme

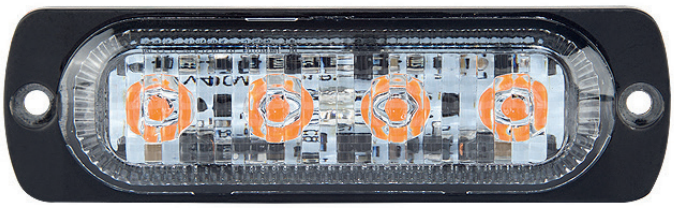
Bright-LH01 — **03** — **A**

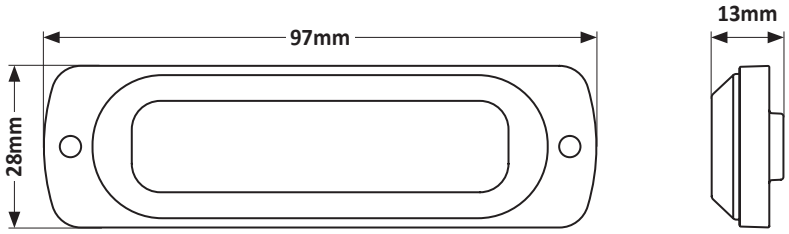
Version:
03 = 3 x 3W
04 = 8 x 1W | **06A** = 12 x 1W
06B = 6 x 3W

Colour Options:
A = Amber | **B** = Blue | **G** = Green | **R** = Red | **W** = White
A = Amber | **B** = Blue | **G** = Green | **R** = Red | **W** = White
AW = Amber/White | **RB** = Red/Blue | **RW** = Red/White

Techna LED LIGHTING

Bright-LH02 Series - 2W Ultra Slim LED Lightheads





Bright-LH02 Accessories:

Bright-LH02-Bracket
(for optional Bracket Mount)

Bright-LH02 Series Technical Specification

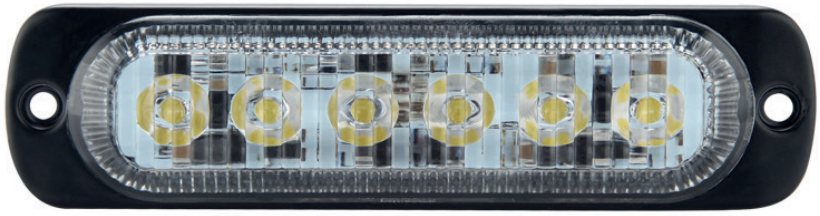
LED Colour	Amber, Blue, Green, Red, White, Amber/White, Red/Blue, Red/White
Maximum Power	2W
Operating Voltage	10-30Vdc
LEDs	4 x 0.5W LEDs
Lumens	140LM
Number of Flash Patterns	19 (Please contact Techna for the full list of Flash Patterns)
IP Rating	IP69K
Complies With	ECE R10
Mounting Options	Surface Mount or Bracket Mount (with optional Bright-LH02-Bracket)

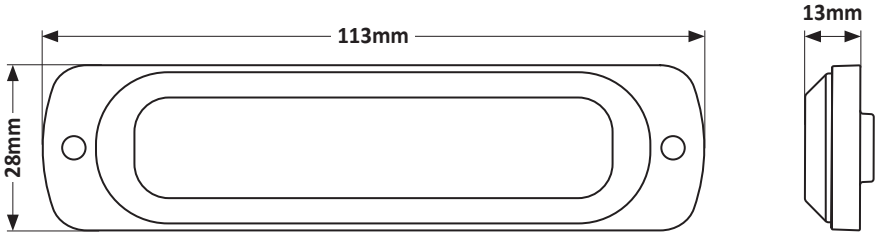
Bright-LH02 Series Ordering Scheme

Bright-LH02 — **A**

Colour Options:
A = Amber | B = Blue | G = Green | R = Red | W = White
AW = Amber/White | RB = Red/Blue | RW = Red/White

Bright-LH03 Series - 3W Ultra Slim LED Lightheads





Bright-LH03 Accessories:

Bright-LH03-Bracket
(for optional Bracket Mount)

Bright-LH03 Series Technical Specification

LED Colour	**Amber, Blue, Green, Red, White, Amber/White, Red/Blue, Red/White**
Maximum Power	**3W**
Operating Voltage	**10-30Vdc**
LEDs	**6 x 0.5W LEDs**
Lumens	**210LM**
Number of Flash Patterns	**19** (Please contact Techna for the full list of Flash Patterns)
IP Rating	**IP67**
Complies With	**ECE R10**
Mounting Options	**Surface Mount or Bracket Mount** (with optional **Bright-LH03-Bracket**)

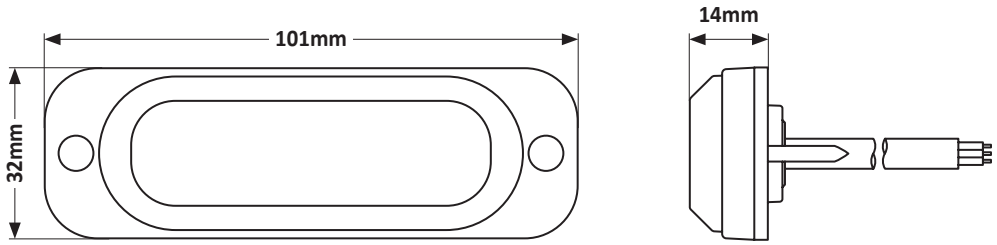
Bright-LH03 Series Ordering Scheme

Bright-LH03 — **A**

Colour Options:
A = Amber | **B** = Blue | **G** = Green | **R** = Red | **W** = White
AW = Amber/White | **RB** = Red/Blue | **RW** = Red/White

Techna LED LIGHTING

Bright-LH04 Series - 12W Ultra Slim LED Lightheads



Bright-LH04 Accessories:

Bright-LH04-Bracket
(for optional Bracket Mount)

Bright-LH04 Series Technical Specification

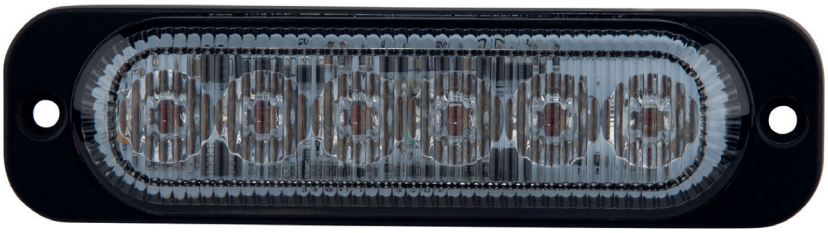
LED Colour	Amber, Blue, Green, Red, White, Amber/White, Red/Blue, Red/White
Maximum Power	12W
Operating Voltage	10-30Vdc
LEDs	4 x 3W LEDs
Lumens	840LM
Number of Flash Patterns	10 (Please contact Techna for the full list of Flash Patterns)
IP Rating	IP67
Complies With	ECE R10
Mounting Options	Surface Mount or Bracket Mount (with optional Bright-LH04-Bracket)

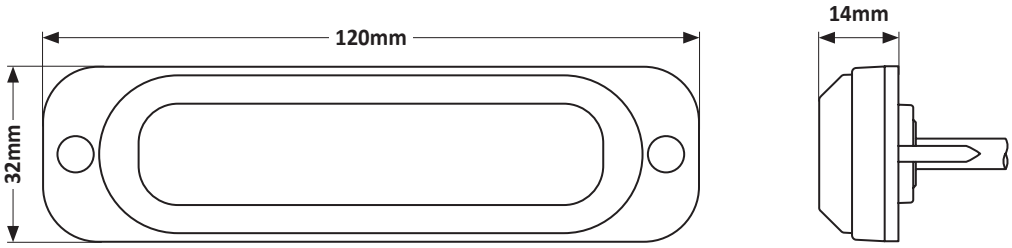
Bright-LH04 Series Ordering Scheme

Bright-LH04 — **A**

Colour Options:
A = Amber | B = Blue | G = Green | R = Red | W = White
AW = Amber/White | RB = Red/Blue | RW = Red/White

Bright-LH05 Series - 18W Ultra Slim LED Lightheads





Bright-LH05 Accessories:

Bright-LH05-Bracket
(for optional Bracket Mount)

Bright-LH05 Series Technical Specification

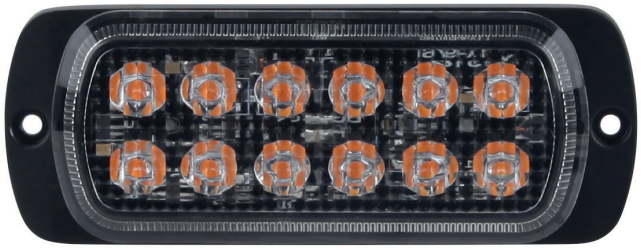
LED Colour	**Green, Red, White, Amber/White, Red/Blue, Red/White**	**Amber, Blue**
Maximum Power	**18W**	
Operating Voltage	**10-30Vdc**	
LEDs	**6 x 3W LEDs**	
Lumens	**1260LM**	
Number of Flash Patterns	**10** (Please contact Techna for the full list of Flash Patterns)	
IP Rating	**IP69K**	
Complies With	**ECE R10**	**ECE R10 & R65**
Mounting Options	**Surface Mount or Bracket Mount** (with optional **Bright-LH05-Bracket**)	

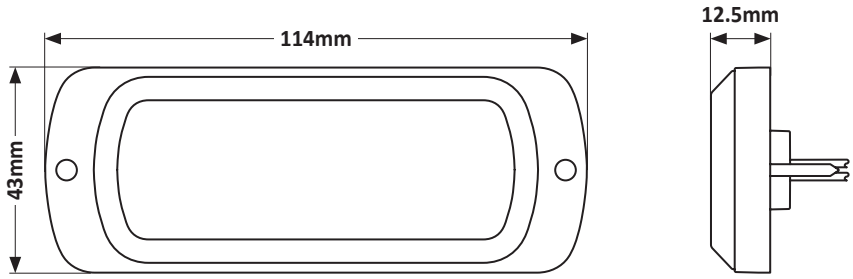
Bright-LH05 Series Ordering Scheme

Bright-LH05 — **A**

Colour Options:
A = Amber | **B** = Blue | **G** = Green | **R** = Red | **W** = White
AW = Amber/White | **RB** = Red/Blue | **RW** = Red/White

Bright-LH06 Series - 6W Ultra Slim LED Lightheads





Bright-LH06 Series Technical Specification

LED Colour	Amber, Blue, Green, Red, White, Amber/White, Red/Blue, Red/White
Maximum Power	6W
Operating Voltage	10-30Vdc
LEDs	12 x 0.5W LEDs
Lumens	420LM
Number of Flash Patterns	19 (Please contact Techna for the full list of Flash Patterns)
IP Rating	IP67
Complies With	ECE R10
Mounting Options	Surface Mount or Bracket Mount

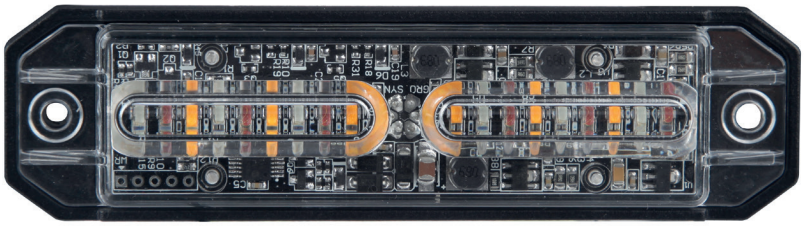
Bright-LH06 Series Ordering Scheme

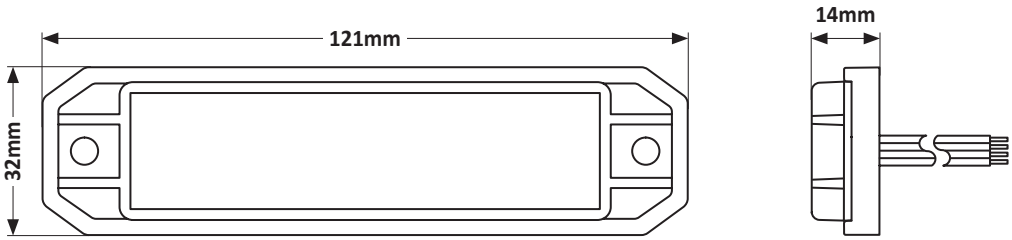
Bright-LH06 — **A**

Colour Options:

A = Amber | **B** = Blue | **G** = Green | **R** = Red | **W** = White
AW = Amber/White | **RB** = Red/Blue | **RW** = Red/White

Bright-LH07 Series - 18W / 36W / 54W Ultra Slim LED Lightheads





Bright-LH07 Series Technical Specification

Function	Single LED Lighthead		Dual LED Lighthead	Triple LED Lighthead
LED Colour	Amber	Blue, Green, Red, White	Amber/White, Red/Blue, Red/White	Red/Amber/Blue, Red/White/Blue
Maximum Power	18W		36W	54W
Operating Voltage	10-30Vdc			
LEDs	6 x 3W LEDs		12 x 3W LEDs	18 x 3W LEDs
Number of Flash Patterns	29*		69*	24*
IP Rating	IP67			
Complies With	ECE R10 & R65	ECE R10		
Mounting	Surface Mount			

* Please contact Techna for the full list of Flash Patterns

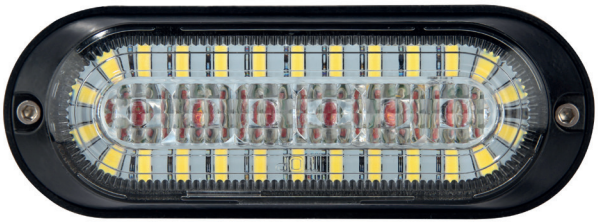
Bright-LH07 Series Ordering Scheme

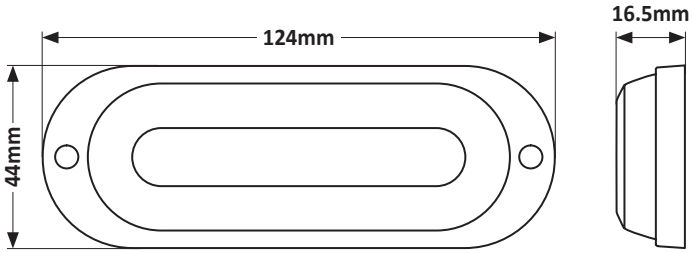
Bright-LH07 — **S** — **A**

Function:
S = Single LED Lighthead
D = Dual LED Lighthead
T = Triple LED Lighthead

Colour Options:
A = Amber | B = Blue | G = Green | R = Red | W = White
AW = Amber/White | RB = Red/Blue | RW = Red/White
RAB = Red/Amber/Blue | RWB = Red/White/Blue

Bright-LH08 Series - Multifunctional Ultra Slim LED Lightheads





Bright-LH08 Series Technical Specification

Function	Warning / DRL	Warning / Direction Indicator	Warning / Side Marker	Warning / Reverse	Warning / Tail / Stop
LED Colour	Amber / White	Amber / Amber	Amber / Amber	Amber / White	Amber / Red
Maximum Power	Warning: 18W DRL: 10W	Warning: 18W Indicator: 4W	Warning: 18W Marker: 2W	Warning: 18W Reverse: 10W	Warning: 18W Tail / Stop: 4W
Operating Voltage	10-30Vdc				
LEDs	6 x 3W LEDs / 20 x 0.5W LEDs	6 x 3W LEDs / 8 x 0.5W LEDs	6 x 3W LEDs / 4 x 0.5W LEDs	6 x 3W LEDs / 20 x 0.5W LEDs	6 x 3W LEDs / 8 x 0.5W LEDs
Number of Flash Patterns	19 (Please contact Techna for the full list of Flash Patterns)				
IP Rating	IP67				
Complies With	ECE R7 & R65	ECE R6 & R65	ECE R65 & R91	ECE R23 & R65	ECE R7 & R65
Mounting Options	Surface Mount or Bracket Mount				

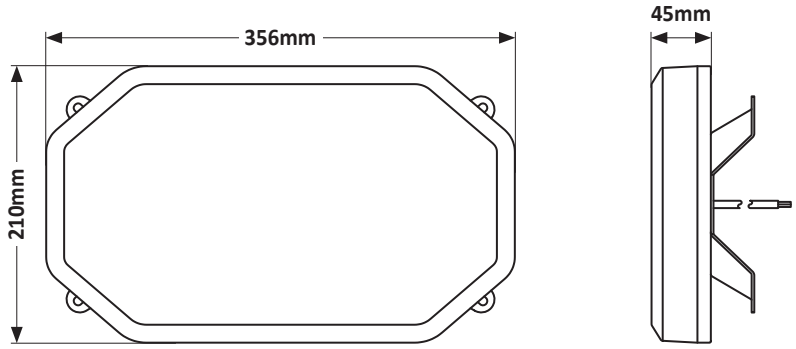
Bright-LH08 Series Ordering Scheme

Bright-LH08 — **DRL** — **SM**

Function:
DRL = Warning / DRL | **DI** = Warning / Direction Indicator
SM = Warning / Side Marker | **REV** = Warning / Reverse
TS = Warning / Tail / Stop

Mounting Options:
SM = Surface Mount
BM = Bracket Mount

Bright-ML01 Series - 36W Mini LED Lightbars



Bright-ML01 Series Technical Specification

LED Colour	**Amber, Blue, Red, White** (Dual colour versions also available)
Maximum Power	**36W**
Operating Voltage	**10-30Vdc**
LEDs	**36 x 1W LEDs**
Lumens	**2520LM**
Number of Flash Patterns	**10** (Please contact Techna for the full list of Flash Patterns)
IP Rating	**IP67**
Complies With	**ECE R10** (all versions) **& R65** (single colour only)
Mounting Options	**Bracket Mount, Magnetic Mount or Single Bolt**
Optional Accessory	**Universal Controller**

Bright-ML01 Series Ordering Scheme

Bright-ML01 — **A** — **BM**

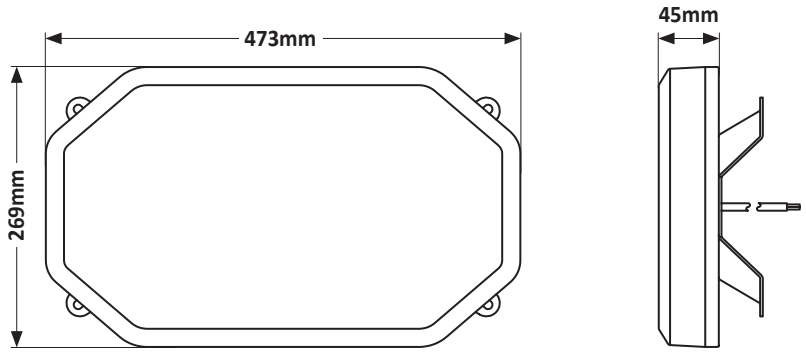
Colour Options:*
A = Amber | B = Blue | R = Red | W = White

* For Dual colour options please contact Techna

Mounting Options:
BM = Bracket Mount
MM = Magnetic Mount
SB = Single Bolt

Techna LED LIGHTING

Bright-ML02 Series - 64W Mini LED Lightbars



Bright-ML02 Series Technical Specification

LED Colour	**Amber, Blue, Red, White** (Dual colour versions also available)
Maximum Power	**64W**
Operating Voltage	**10-30Vdc**
LEDs	**64 x 1W LEDs**
Lumens	**4480LM**
Number of Flash Patterns	**10** (Please contact Techna for the full list of Flash Patterns)
IP Rating	**IP67**
Complies With	**ECE R10** (all versions) **& R65** (single colour only)
Mounting Options	**Bracket Mount, Magnetic Mount or Single Bolt**
Optional Accessory	**Universal Controller**

Bright-ML02 Series Ordering Scheme

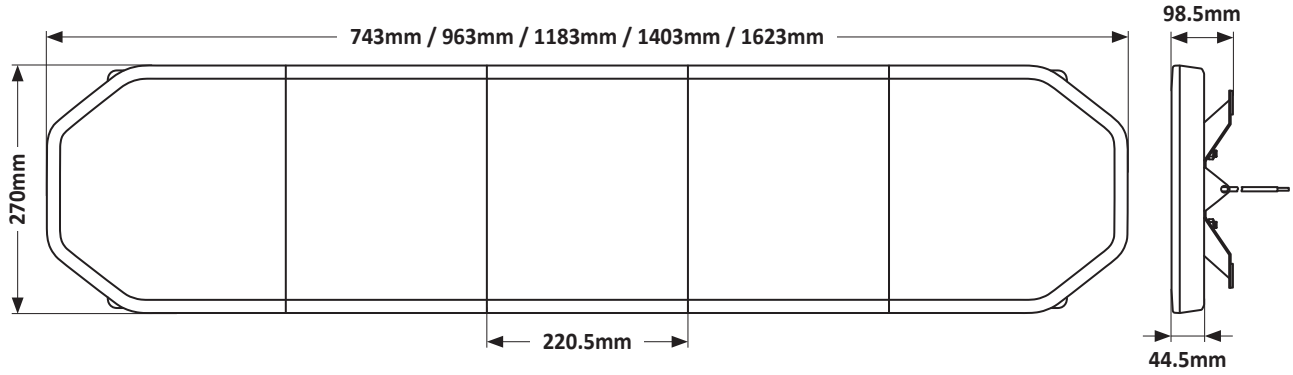
Bright-ML02 — **A** — **BM**

Colour Options:*
A = Amber | B = Blue | R = Red | W = White

* For Dual colour options please contact Techna

Mounting Options:
BM = Bracket Mount
MM = Magnetic Mount
SB = Single Bolt

Bright-LB01 Series - LED Warning Lightbars



Bright-LB01 Series Technical Specification

Length	**743mm**	**963mm**	**1183mm**	**1403mm**	**1623mm**
LED Colour	**Amber, Blue, Red, White** (Dual colour versions also available)				
Maximum Power	**72W**	**90W**	**108W**	**126W**	**144W**
Operating Voltage	**10-30Vdc**				
LEDs	**72 x 1W LEDs**	**90 x 1W LEDs**	**108 x 1W LEDs**	**126 x 1W LEDs**	**144 x 1W LEDs**
Lumens	**5040LM**	**6300LM**	**7560LM**	**8820LM**	**10080LM**
Number of Flash Patterns	**19** (Please contact Techna for the full list of Flash Patterns)				
IP Rating	**IP67**				
Complies With	**ECE R10** (all versions) **& R65** (single colour only)				
Mounting Options	**Bracket Mount or Magnetic Mount**				
Optional Accessory	**Universal Controller**				

Bright-LB01 Series Ordering Scheme

Bright-LB01 — **743** — **A** — **BM**

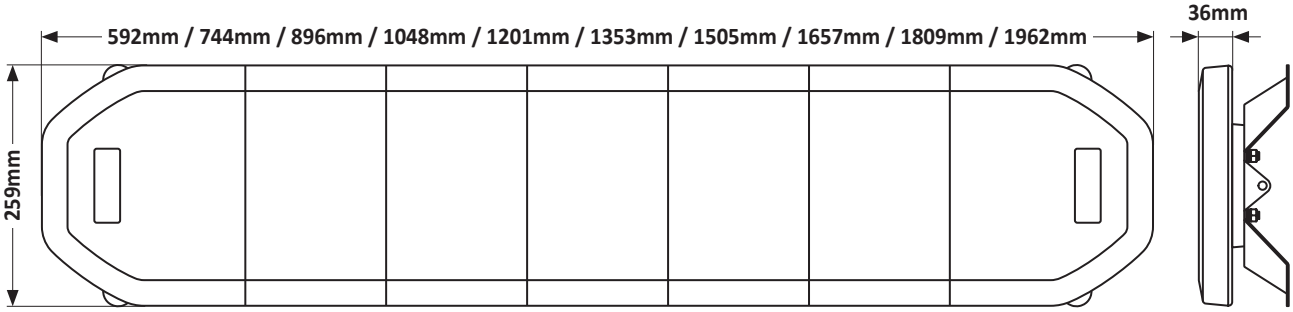
Length:
743 = 743mm | **963** = 963mm
1183 = 1183mm | **1403** = 1403mm
1623 = 1623mm

Colour Options:*
A = Amber | **B** = Blue
R = Red | **W** = White
* For Dual colour options please contact Techna

Mounting Options:
BM = Bracket Mount
MM = Magnetic Mount

Techna LED LIGHTING

Bright-LB02 Series - LED Warning Lightbars



Bright-LB02 Series Technical Specification

Length	592mm	744mm	896mm	1048mm	1201mm	1353mm	1505mm	1657mm	1809mm	1962mm
LED Colour	Amber, Blue									
Maximum Power	70W	80W	85W	90W	95W	100W	105W	110W	115W	120W
Operating Voltage	10-30Vdc									
LEDs	228	276	324	372	420	468	516	564	612	660
No. of Flash Patterns	19 (Please contact Techna for the full list of Flash Patterns)									
IP Rating	IP67									
Complies With	ECE R10 & R65									
Mounting Options	Bracket Mount									

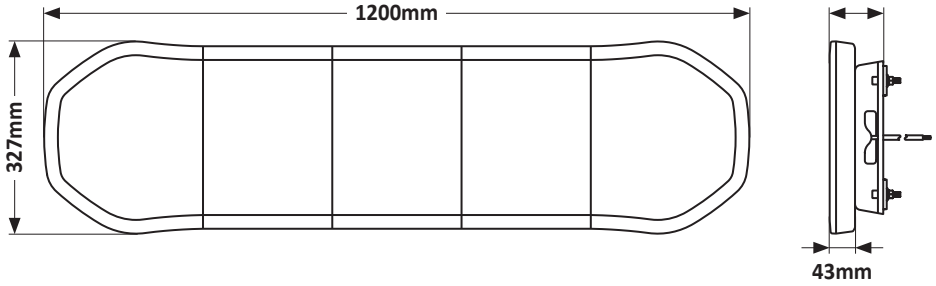
Bright-LB02 Series Ordering Scheme

Bright-LB02 — **592** — **A**

Length:
592 = 592mm | 744 = 744mm | 896 = 896mm | 1048 = 1048mm
1201 = 1201mm | 1353 = 1353mm | 1505 = 1505mm
1657 = 1657mm | 1809 = 1809mm | 1962 = 1962mm

Colour Options:
A = Amber
B = Blue

Bright-LB03 Series - Multifunctional LED Warning Lightbars



Accessories:

Bright-LB03-WB
Wire Control Box

Bright-LB03-WLB
Wireless Control Box

Bright-LB03 Series Technical Specification

	Bright-LB03-A		Bright-LB03-B	Bright-LB03-C
Function	Warning / Cruise		Warning / Cruise / Side Lights / Front Lights / Sign Box	Warning / Cruise / Side Lights / Front Lights / Tail / Stop / Direction Indicator
LED Colour	Amber, Blue	Red, White	Amber, Blue, Red, White	Amber, Blue, Red, White
Maximum Power	152W		180W	192W
Operating Voltage	10-30Vdc			
Number of Flash Patterns	16 (Please contact Techna for the full list of Flash Patterns)			
IP Rating	IP65			
Complies With	ECE R10 & R65	ECE R10	ECE R10	
Mounting	Bracket Mount			

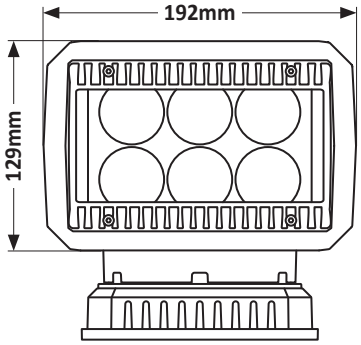
Bright-LB03 Series Ordering Scheme

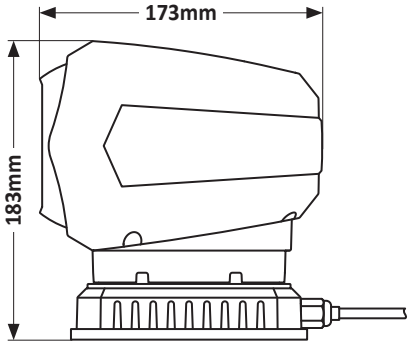
Bright-LB03	A	A
	Version: A | B | C	Colour Options: A = Amber | B = Blue | R = Red | W = White

Bright LED Search Lights

Techna's Bright Bluetooth and Remote Control LED Search Lights feature a 60° tilt and 360° rotation, making them suitable for a wide range of applications.

Bright-SE01 Series - Wireless and Wired LED Search Lights





Bright-SE01 Series Technical Specification

Function	Wireless (Bluetooth)	Wired
Housing Colour Options	Black or White	
Maximum Power	60W	
Operating Voltage	10-30Vdc	
LEDs	6 x 10W LEDs	
Lumens	4800LM	
Colour Temperature	6000 - 6500K	
IP Rating	IP65	
Complies With	ECE R10	
Mounting Options	Magnetic Mount or Permanent Mount	

Bright-SE01 Series Ordering Scheme

Bright-SE01 — **WL** — **B** — **MM**

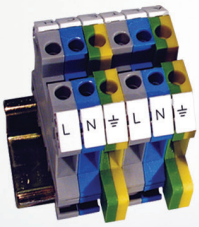
Function:
WL = Wireless
W = Wired

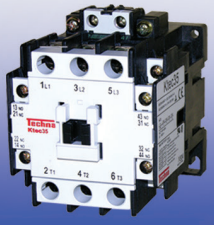
Housing Colour:
B = Black
W = White

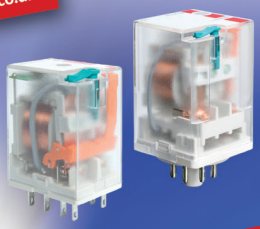
Mounting Options:
MM = Magnetic Mount
PM = Permanent Mount

Notes

Notes







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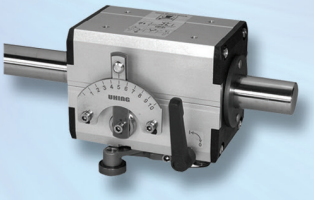

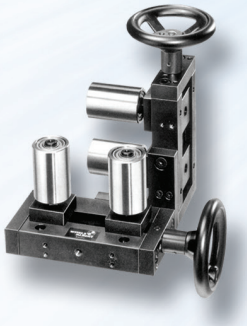

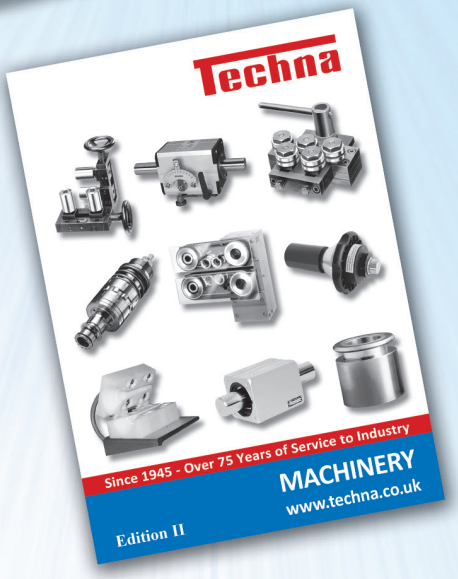

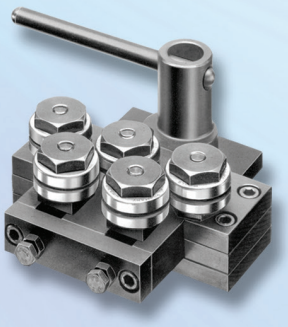

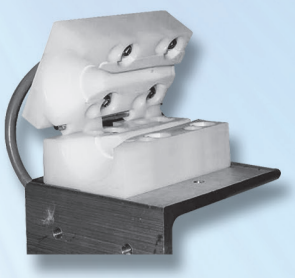

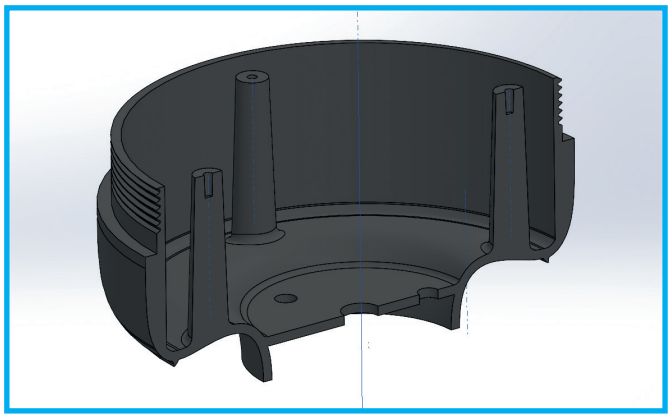

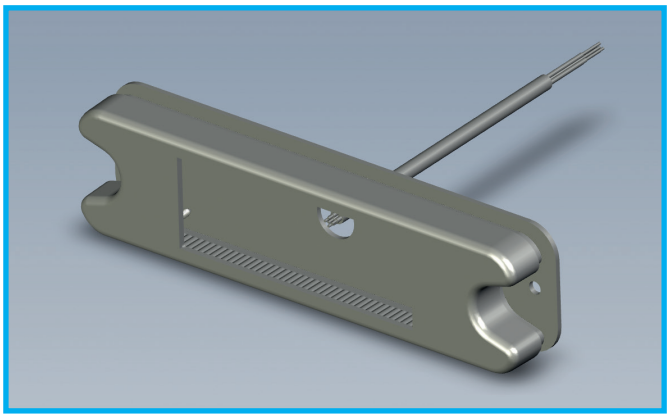

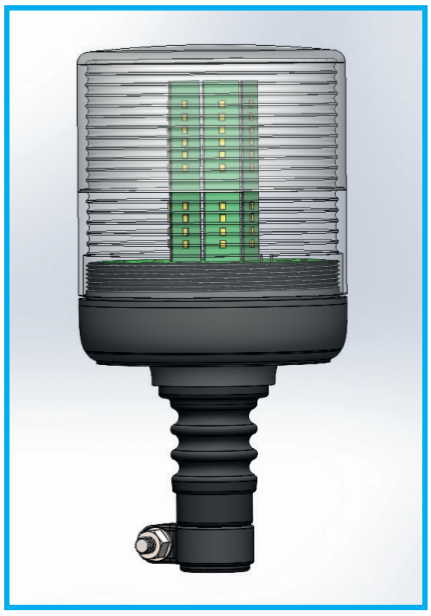

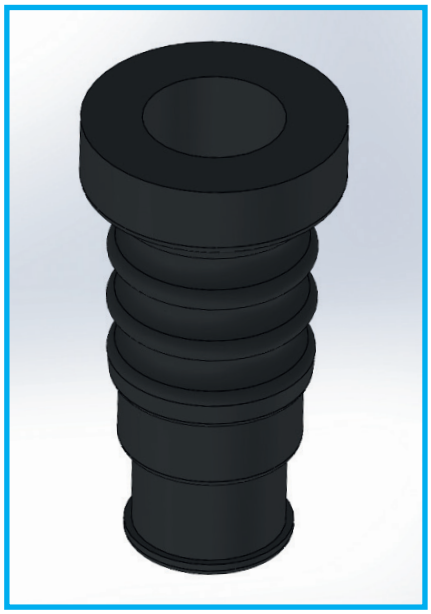

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