Working closely with our European partners, Dutch Electro in The Netherlands, has given PMH the opportunity to service the transport industry with reliable and innovative lighting products, combined with excellent technical back up and support. The light units are modular assemblies, combining either aluminium or thermoplastic base, polycarbonate diffusers, invertors for fluorescent lamps and LED light sources (10 - 30 VDC).

All Dutch Electro lights are manufactured using first class materials that conform with REACH and RoHS European regulations and are officially certified for application in commercial vehicles (European EMC E4 directive).

Vehicle Lighting

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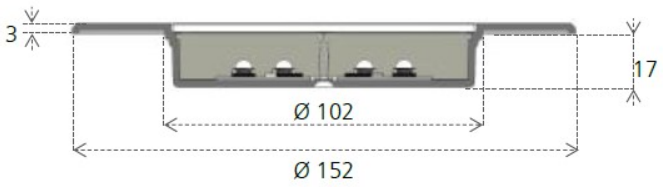
Disc Recessed Series

The Disc Recessed Light comes in a choice of base colours, with switch, PIR, voltage, light colour and night light options.



Fitting Type	Recessed
Base	Aluminium, white, grey or black powder coated
Diffuser	Polycarbonate, clear or opaque
End Caps	N/A
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VC multi-volt
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	Option, 2 positions
Motion Sensor	Option, integrated in the fitting. A potentiometer allows switching between 9 delay times, ranging from 15seconds to 30 minutes (default 1 minute).
Night Light	Option, 6 LEDs (blue, red or green), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire on 10-30 VDC multi-volt. • Variable dim (0-100%) via external PWM dimmer up to a maximum of 1000 Hz on 12 or 24 VDC mono-volt.

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Disc Water Tight Recessed Series

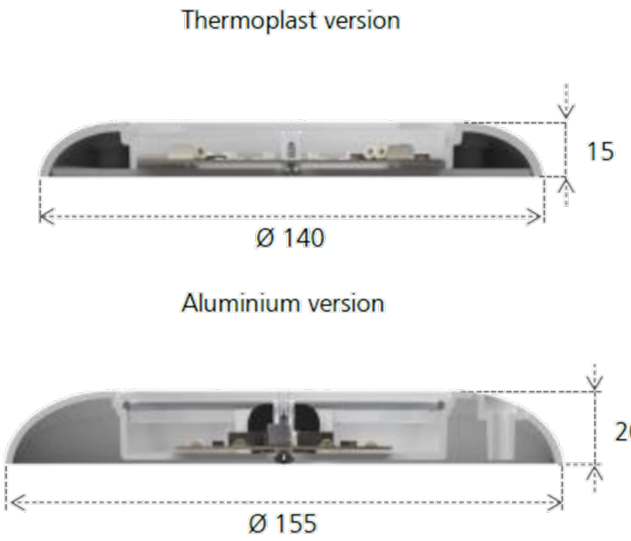
The Disc Recessed Light is water tight to IP66 specification. The light comes in a choice of base colours, with PIR, voltage, light colour and night light options.

Fitting Type	Recessed
Base	Aluminium, white, grey or black powder coated
Diffuser	Polycarbonate, clear or opaque
End Caps	N/A
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VC multi-volt
Water Tight	Yes (IP66 classification + ADR certified)
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	No
Motion Sensor	Option, integrated in the fitting. A potentiometer allows switching between 9 delay times, ranging from 15seconds to 30 minutes (default 1 minute).
Night Light	Option, 6 LEDs (blue, red or green), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire • Variable dim (0-100%) via external PWM dimmer up to a maximum of 1000 Hz on 12 or 24 VDC mono-volt versions.

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Disc Surface Mounted Thermoplast Series

The Disc Surface Mounted Light is available in Aluminium or Thermoplast with a choice in voltage, switch, PIR, base, light colour and night light options.



Fitting Type	Surface Mounted
Base	• Aluminium, white, grey or black powder coated • Thermoplast (ABS V0), white, grey or black with aluminium base plate
Diffuser	Polycarbonate, clear or opaque
End Caps	N/A
Voltage Range	• 12 VDC (10-14) or 24 VDC (22-28) mono-volt • 10-30 VDC multi-volt
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	Option, 2 positions (aluminium version only)
Motion Sensor	Option, integrated in the fitting. A potentiometer allows switching between 9 delay times, ranging from 15 seconds to 30 minutes (default 1 minute).
Night Light	Option, 6 LEDs (blue, red or green), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire on 10-30 VDC multi-volt. • Variable dim (0-100%) via external PWM dimmer up to a maximum of 1000 Hz on 12 or 24 VDC mono-volt versions.

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Disc Water Tight Surface Mounted Series

The Disc Surface Mounted Light is water tight to IP66 specification. The light comes in a choice of base colours, with PIR, voltage, light colour and night light options.

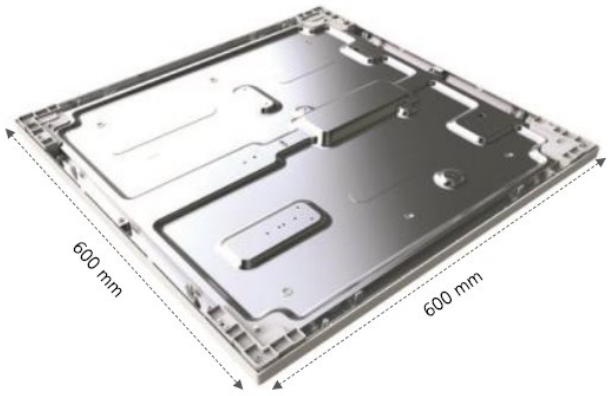
Fitting Type	Surface Mounted
Base	• Aluminium, white, grey or black powder coated
Diffuser	Polycarbonate, clear or opaque
End Caps	N/A
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VDC multi-volt
Water Tight	Yes (IP66 classification + ADR certified)
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	No
Motion Sensor	Option, integrated in the fitting. A potentiometer allows switching between 9 delay times, ranging from 15 seconds to 30 minutes (default 1 minute).
Night Light	Option, 6 LEDs (blue, red or green), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire. • Variable dim (0-100%) via external PWM dimmer up to a maximum of 1000 Hz on 12 or 24 VDC mono-volt versions.

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

LED Panel Light

A very flat square, surface mounted fitting.

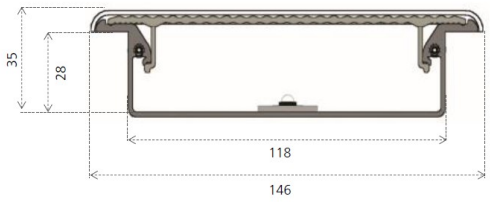
Available in natural white or warm white.



Fitting Type	Surface Mounted
Base	Metal / Thermoplast
Diffuser	Opaque
End Caps	N/A
Voltage Range	220—240 VAC, 50/60 Hz (integrated driver)
Water Tight	Yes (IP43 classification, front side, cannot be mounted on the outside)
Light Colour	• Natural White (4000K, standard colour) • Warm White (3000K)
Continuous Lighting System	N/A
Switch	No
Motion Sensor	No
Night Light	No
Dimmable	No
Dimensions	600 x 600 x 22 mm

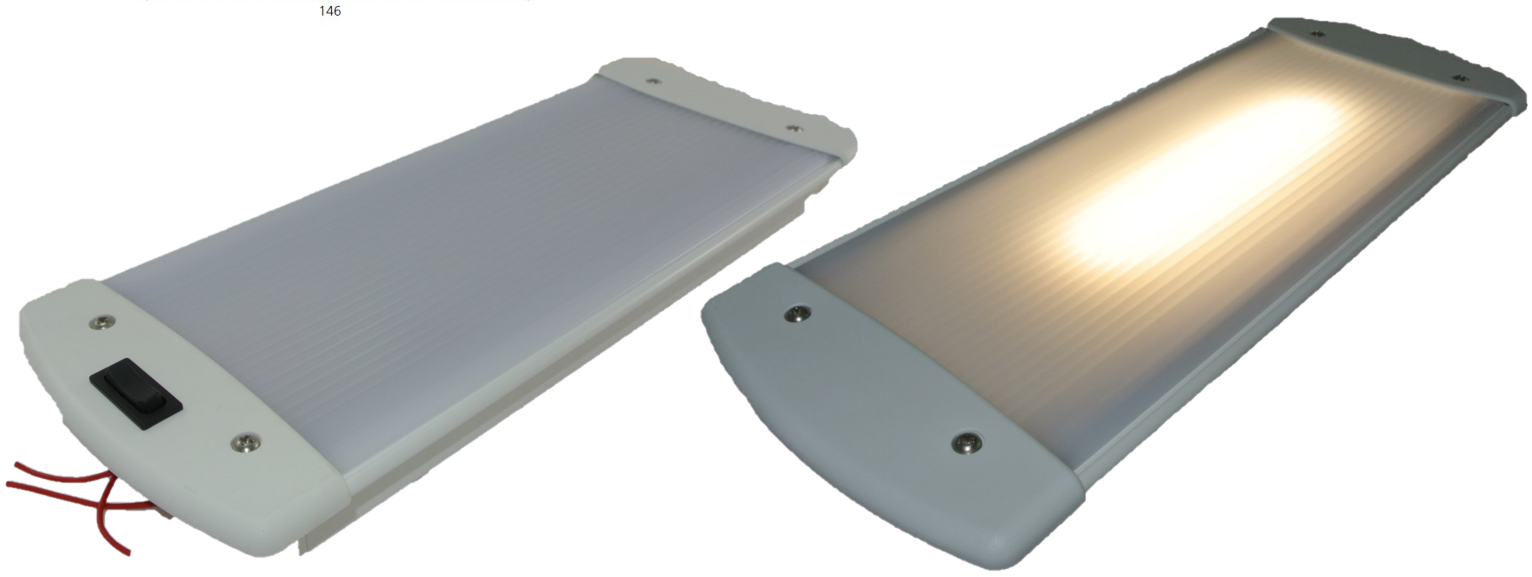
Part Number	LED Colour Option
PAN101	Natural White
PAN103	Warm White

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.



Canal 28

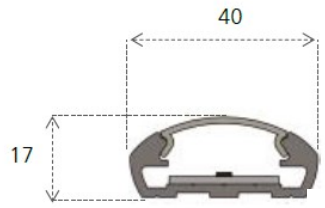
Recessed LED Fitting, Standard Version



Fitting Type	Recessed
Base	Aluminium, white powder coated
Diffuser	Polycarbonate, clear or opaque
End Caps	Polycarbonate, white or grey, mounted with stainless steel screws
Voltage Range	• 10-30 VDC multi-volt • 230 VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	Yes, custom-made fittings are possible (> approx. 1.7 meter)
Switch	Option, 2 positions, 3 positions or dim switch
Motion Sensor	Available separately
Night Light	Option, LED (blue, red, green or white), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire • Stepless dimmable only available with 27 LED module (15-100%)

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Alley



White powder coated, opaque diffuser, white end caps

Silver anodised, opaque diffuser, grey end caps

Silver anodised, opaque diffuser, black end caps

Standard

Switch

Motion sensor

Fitting Type	Surface Mounted
Base	Aluminium, white powder coated or silver anodised
Diffuser	Polycarbonate, clear or opaque
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VDC multi-volt
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	Yes, custom-made fittings are possible (> approx. 1.7 meter)
Switch	Option, 2 positions
Motion Sensor	Option, integrated in the fitting (versions up to a maximum of 9 Amp.) • A potentiometer allows **switching between 9 delay times, ranging from 15 seconds to 30minutes** (default 1 minutes).
Night Light	Option, LED (blue, red, green, white or RGB), via additional wire
Dimmable	Option • 2 positions dim (30/100%), via additional wire • Variable dim (0-100%) via external PWM dimmer up to a maximum of 1000Hz, on 12 or 24 VDC mono-volt versions

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Micro Edge Water Tight Connect Series

The Micro Edge Connect can be interconnected to create longer lengths, with an option for the voltage and light output. Self adhesive VHB tape is applied to the base making the unit easy to apply and angled to fit perfectly into corners.

Fitting Type	Surface Mounted
Base	Aluminium silver anodised
Diffuser	Clear resin, optionally with clear or opaque diffuser (to be ordered separately)
End Caps	Grey or Black
Mounting	The fitting can be mounted via double sided adhesive VHB tape (already attached to the fitting)
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VDC multi-volt
Water Tight	Yes (IP68 classification)
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Other colours available on request
Continuous Lighting System	Yes • Connectable up to 15m on 12VDC or 30m on 24VDC (6.25 W/m) • Connectable up to 7.5m on 12VDC or 15m on 24VDC (12.5 W/m) • Connectable up to 5.7m on 12VDC or 10.5m on 24VDC (20 W/m)
Switch	Touch switch, 2 positions (on/off) with 10 minutes timer function (this option will increase the fitting length by 55mm)
Motion Sensor	Available separately
Night Light	No
Dimmable	Option, variable dim (0-100%) via external PWM dimmer up to a maximum of 1000Hz

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Standard

Switch

White powder coated, opaque diffuser, white end caps

Silver anodised, opaque diffuser, grey end caps

Silver anodised, opaque diffuser, black end caps

Micro Avenue

Very Low Surface Mounted LED Fitting

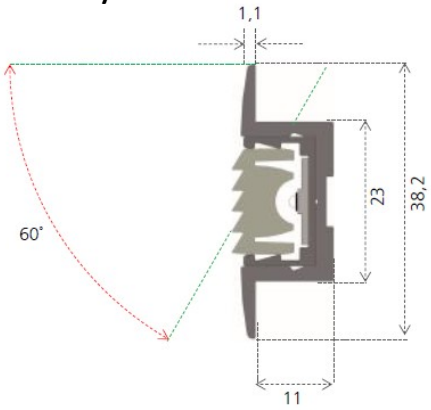
Fitting Type	Surface Mounted
Base	Aluminium, white powder coated or silver anodised
Diffuser	Polycarbonate, clear or opaque
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VDC multi-volt
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	Yes, custom-made fittings are possible (> approx. 1.7 meter)
Switch	Option, 2 positions
Motion Sensor	Option, integrated in the fitting (versions up to a maximum of 9 Amp.) • Default delay time after the last detection 1 miute • Other available delay times are 15 seconds, 5 or 10 minutes
Night Light	Option, LED (blue, red, green or white), via additional wire
Dimmable	Option • 2 positions (30/100%), via additional wire • Stepless dimmable only available with 27 LE module (15-100%) • Variable dim (0-100%) via external PWM dimmer upto a maximum of 1000Hz, o 12 or 24 VDC mono-volt versions

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Micro Canal 60

The Micro Canal 60 uses offset diffuser technology to bend the light beam 60º, making it perfect for exterior vehicle lighting. The offset angle and recessed mounting allows the Micro Canal to work excellently on the rear of large vehicles as docking lights.

The light comes in a vast choice of size, voltage, lighting options, etc. with the end caps making it perfect for colour coding to any vehicle.



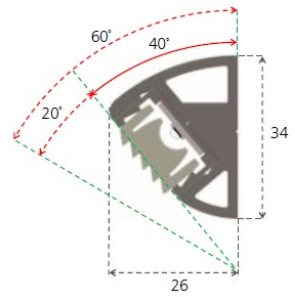
Fitting Type	Recessed
Base	Aluminium, silver anodised
Diffuser	Polycarbonate, clear or opaque with 60º beam offset
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 10-30 VC multi-volt • 230VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	IP66 classification
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	No
Motion Sensor	Available separately (see page 6.05 of the Dutch Electro Catalogue)
Night Light	No
Dimmable	No

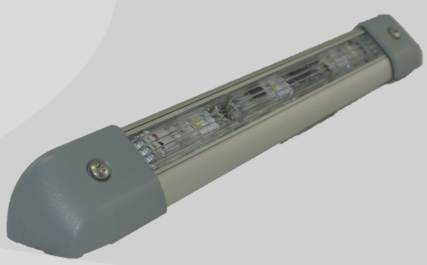
For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Track 60

The diffuser on the Track 60 bends the light away at a 60º angle, to light the scene around the vehicle. Available in RAL 1016 and RAL 3000 for ambulances and fire engines, the end caps also allow for this light to be colour coded to the vehicle. With an extensive choice of lengths, colours, voltage, etc. the Track 60 can be custom made to suit any need.

Fitting Type	Surface Mounted
Base	Aluminium, silver or black anodised, white, yellow or red powder coated
Diffuser	Polycarbonate, clear or opaque with 60º beam offset
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 10-30 VC multi-volt • 230VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	IP66 classification
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	Custom-made fittings are possible (> approx. 1.6 meter)
Switch	No
Motion Sensor	Available separately
Night Light	No
Dimmable	No





For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Track 40 and Track 40 WT

Standard

Touch switch

Switch

Angle Mounted LED bar available in a range of IP classifications. Customisable options to suit any application.

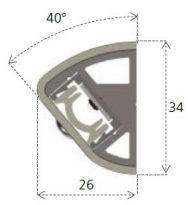
White powder coated

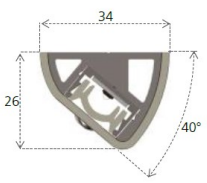
Black anodised

Silver anodised

Yellow (RAL 1016) powder coated

Red (RAL 3000) powder coated



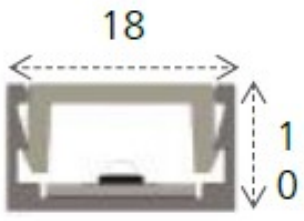


Fitting Type	Surface Mounted
Base	• Aluminium, silver or black anodised, white powder coated. • Yellow and red powder coat options also available for the watertight option.
Diffuser	Polycarbonate, clear or opaque
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 12 or 24 VDC mono-volt (non-watertight only) • 10-30 VC multi-volt • 230 VAC trough an external LED driver/converter. Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (watertight option only)
Water Tight	• IP54 classification (on request only for the non watertight option) • IP66 classification on the watertight option
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K)
Continuous Lighting System	Custom-made fittings are possible (> approx. 1.6 meter)
Switch	• Touch switch, 2 positions (on/off) with 10minute timer function (this option will increase fitting length by 55mm). • 2 position (on/off), only in combination with straight end caps. • Options only available on the non-watertight variety.
Motion Sensor	No
Night Light	No
Dimmable	• 2 positions (30/100%), via additional wire. • Variable dim (0—100%), via external PWM dimmer up to a maximum of 1000 Hz, on 12 or 24 VDC mono-volt versions. • Options only available on the non-watertight variety.

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Track Light

Touch switch



Standaard

Silver anodised, opaque diffuser, white end caps

Silver anodised, opaque diffuser, grey end caps

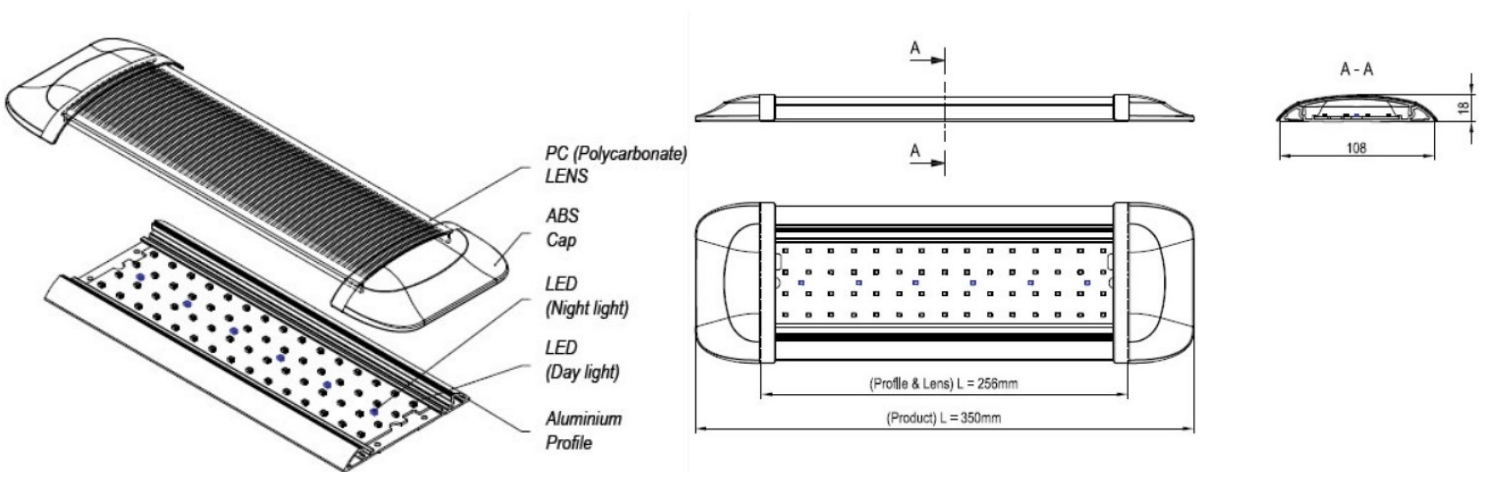
Silver anodised, opaque diffuser, black end caps

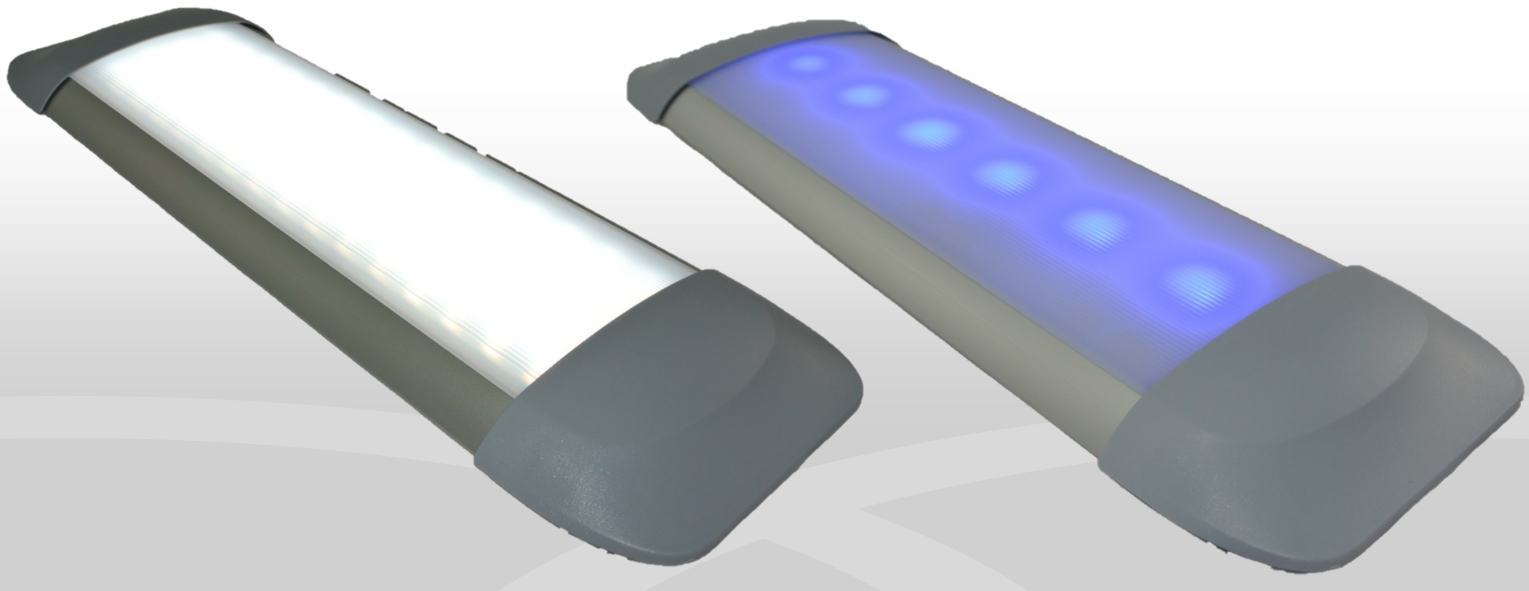
Fitting Type	Surface Mounted
Base	Aluminium, silver anodised
Diffuser	Polycarbonate, clear or opaque
End Caps	Polycarbonate, white, grey or black, mounted with stainless steel screws
Voltage Range	• 12 or 24 VDC mono-volt • 10-30 VDC multi-volt
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	Yes, custom-made fittings are possible (> approx. 1.7 meter)
Switch	Option, touch switch, 2 positions (on/off) with 10 minute timer function (this option will increase the fitting length by 55mm)
Motion Sensor	Available separately
Night Light	No
Dimmable	Option, variable dim (0-100%) via external PWM dimmer up to a maximum of 1000HZ, on 12 ot 24 VDC mono-volt versions

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

SPEO Series

A multi-voltage surface mounted interior light, with blue night light. The SPEO series comes in a choice of length with a silver base, grey end caps and an opaque diffuser. The light runs on a very low power consumption at just 400mA for the 60 LED option.

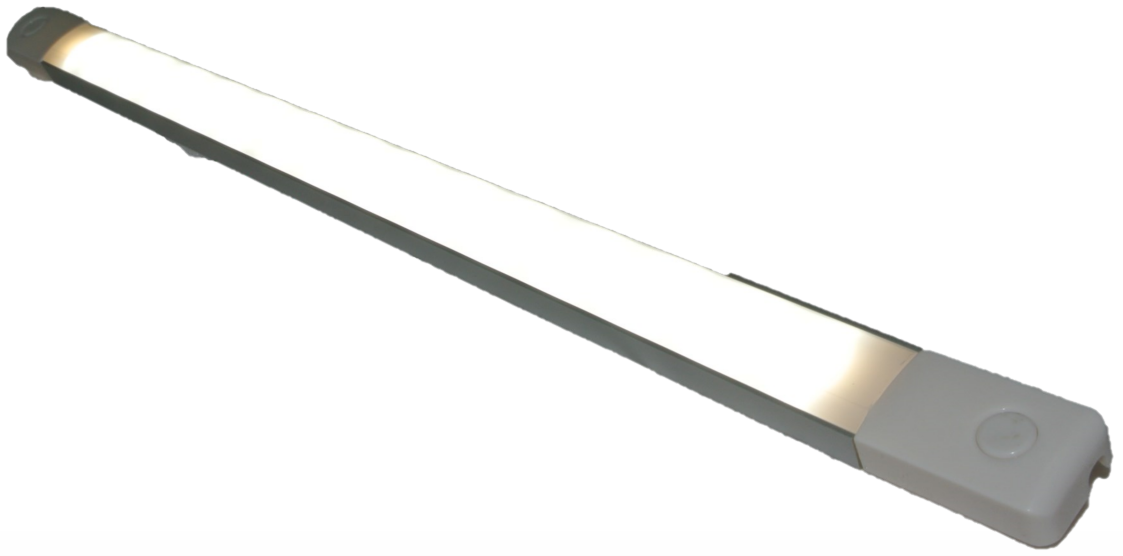




Part No.	Voltage	LED	Light Size		Night Light
	V		Profile and Lens	Product	
SPEO60LWAAN	10—30 multi voltage	60	256mm	350mm	Blue
SPEO84LWAAN	10—30 multi voltage	84	351mm	445mm	Blue
SPEO120LWAAN	10—30 multi voltage	120	494mm	588mm	Blue
SPEO180WLAAN	10—30 multi voltage	180	732mm	826mm	Blue

Interior Strip Light

Our interior strip lights are stocked in a range of size and operation options, starting at 250mm, up to 1 meter long. This range of strip light is super thin and well designed. At less than a centimetre deep it is a subtle, this unit is aesthetically designed, whilst offering excellent light output.

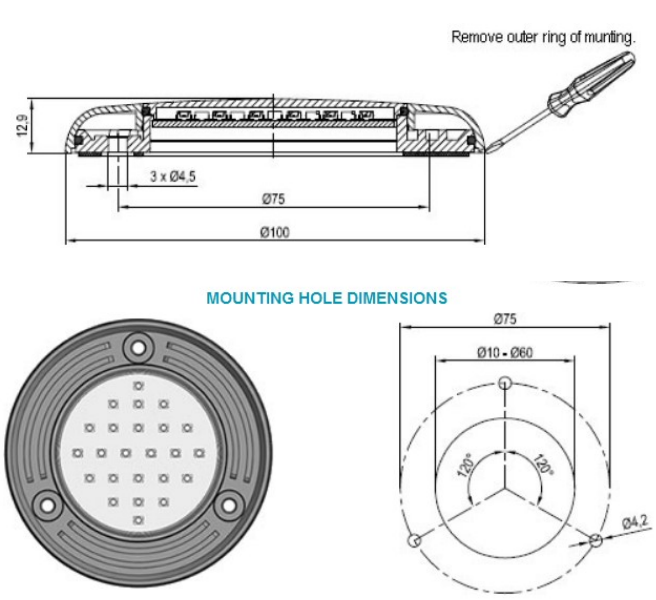


Part No.	Voltage	Light	Light Size		Operation
	V		Without End Caps	With End Caps	
SL-RB25	12	6000K	250 x 18 x 9mm	309 x 18 x 9mm	No Option
SL-RB25-24	24	6000K	250 x 18 x 9mm	309 x 18 x 9mm	No Option
SL-BS25	12	6000K	250 x 18 x 9mm	309 x 18 x 9mm	Switched
SL-PIR25	12	6000K	250 x 18 x 9mm	309 x 18 x 9mm	PIR Operated
SL-RB55	12	6000K	550 x 18 x 9mm	609 x 18 x 9mm	No Option
SL-RB55-24	24	6000K	550 x 18 x 9mm	609 x 18 x 9mm	No Option
SL-PIR55	12	6000K	550 x 18 x 9mm	609 x 18 x 9mm	PIR Operated
SL-RB75	12	6000K	750 x 18 x 9mm	809 x 18 x 9mm	No Option
SL-RB75-24	24	6000K	750 x 18 x 9mm	809 x 18 x 9mm	No Option
SL-PIR75	12	6000K	750 x 18 x 9mm	1059 x 18 x 9mm	PIR Operated
SL-RB100	12	6000K	1000 x 18 x 9mm	1059 x 18 x 9mm	No Option
SL-RB100-24	24	6000K	1000 x 18 x 9mm	1059 x 18 x 9mm	No Option
SL-PIR100	12	6000K	1000 x 18 x 9mm	1059 x 18 x 9mm	PIR Operated

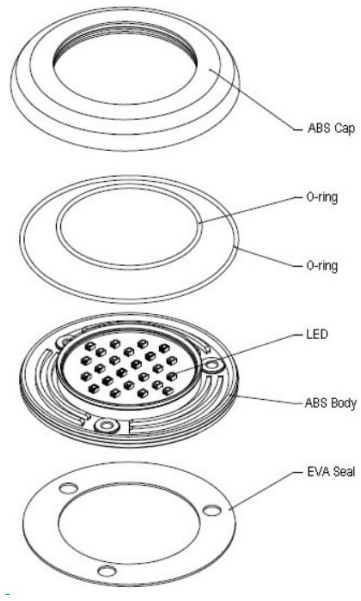
For a full breakdown of stocked items, please contact our sales department.

STCS Series

Waterproof, surface mounted LED Spot Lamp, with a three point screw fix.
The 12V light consists of 20 white LEDs and can drop down to 4 red LEDs.



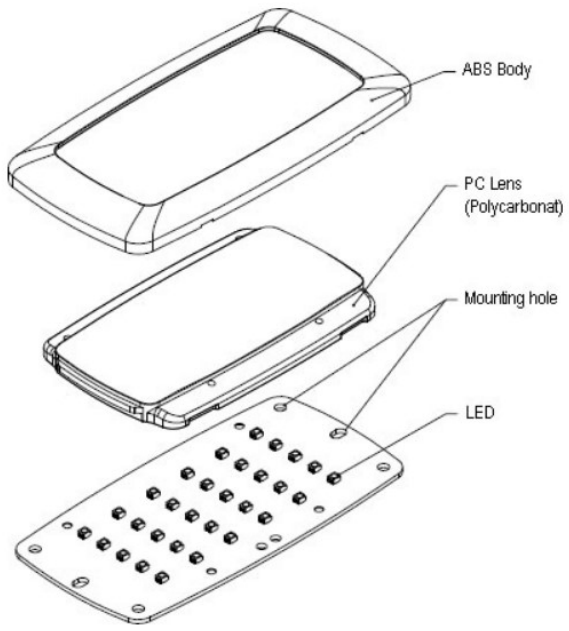
MOUNTING HOLE DIMENSIONS

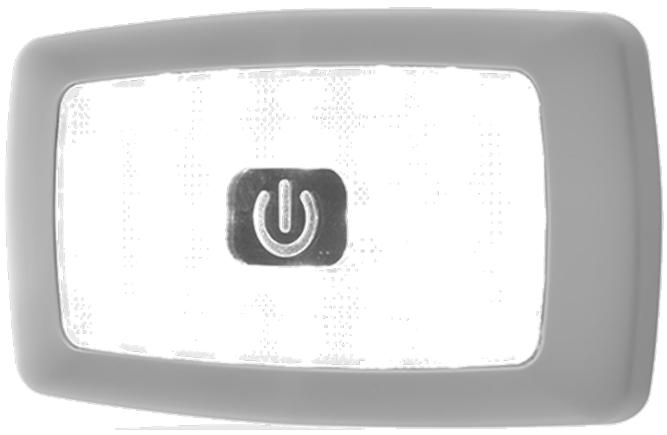


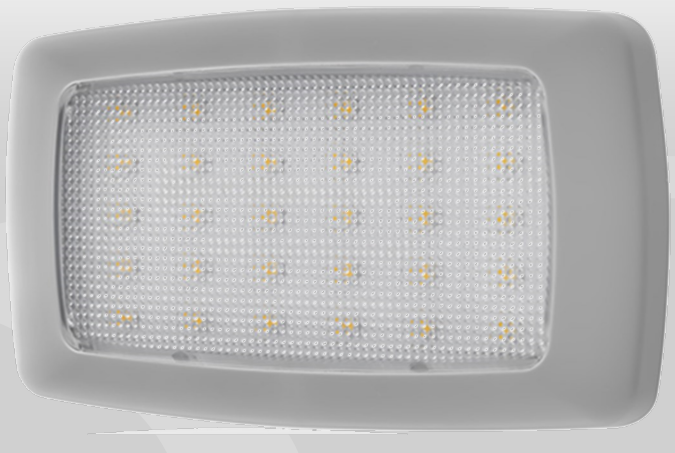
Part No.	Voltage	Light Colour	Size	Current	LUX
	V		Mm		
STCS12W20R4	12	20 x White LEDs 4 x Red LEDs	Ø100 x 12.9	140mA	50 LUX

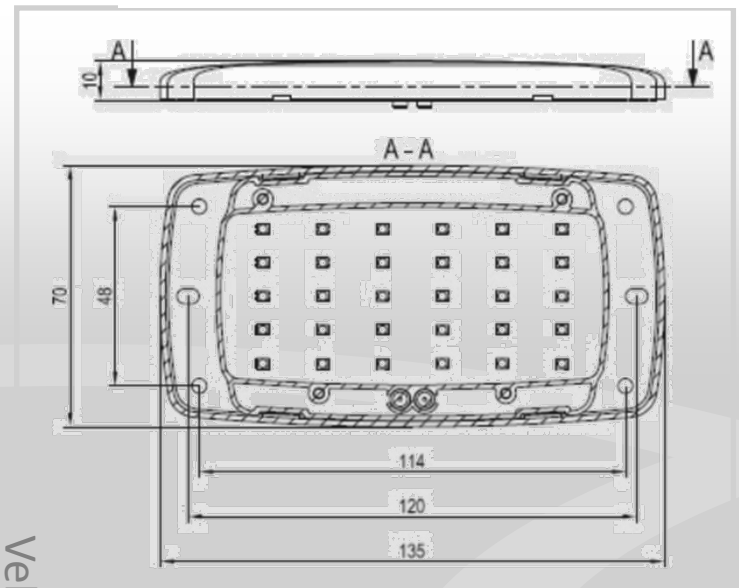
Touch/Non-Touch Pad Light

This 12V surface mounted light is available both with or without the touch pad option. The touch option drops down to a blue light.







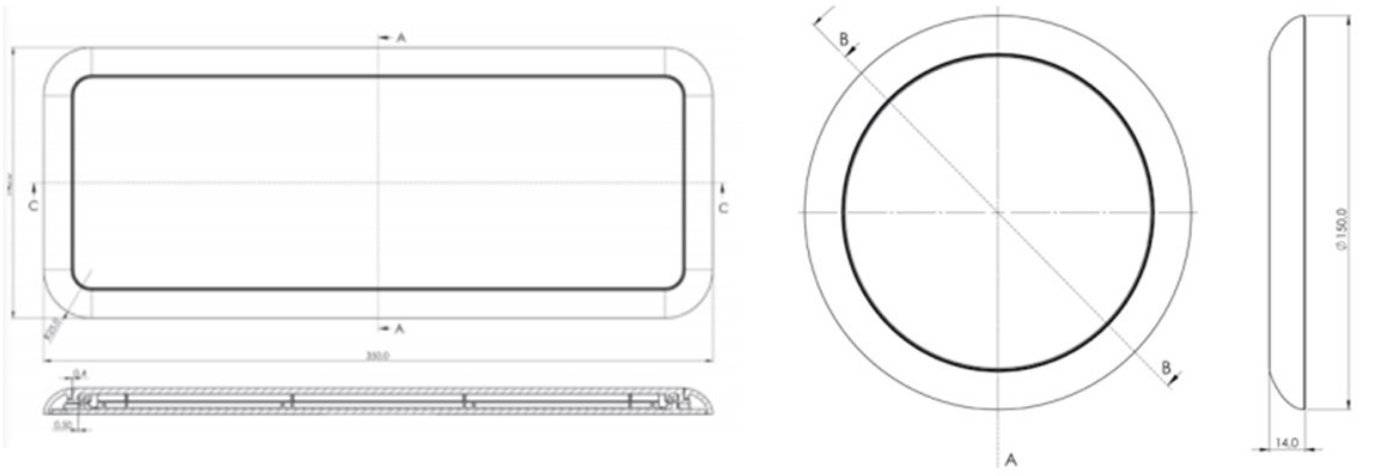


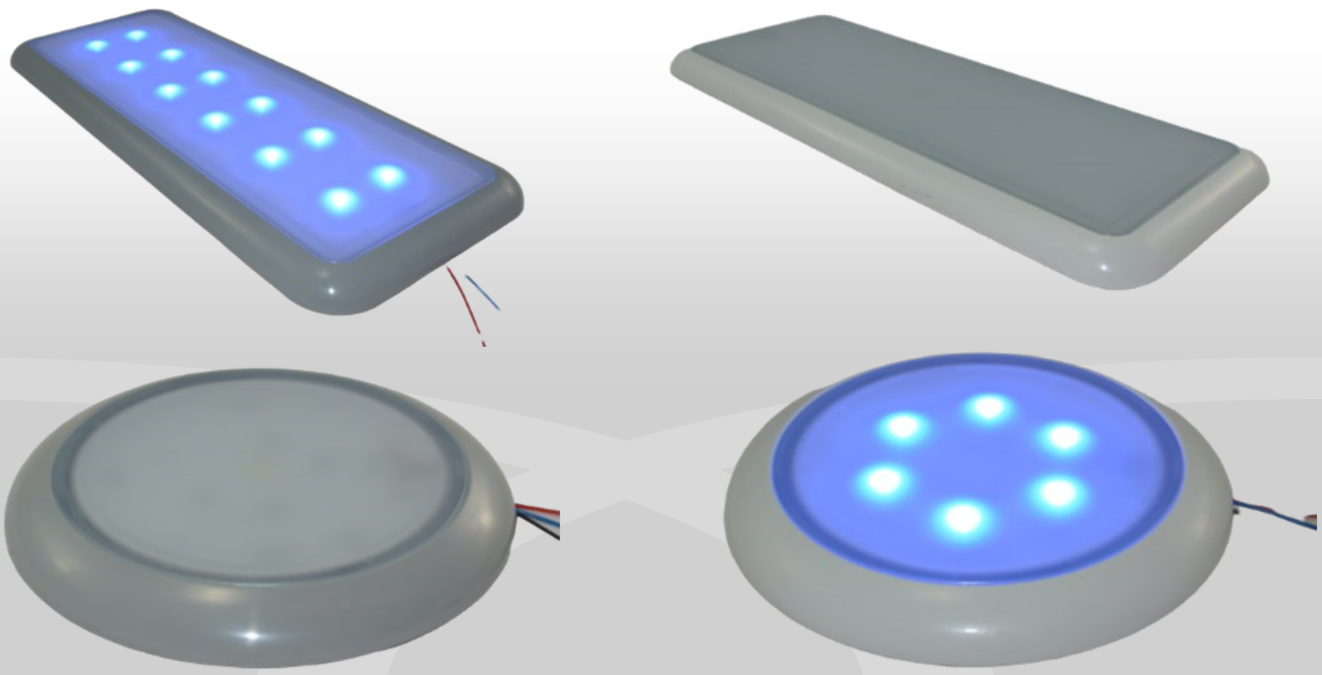
Part No.	Voltage	Current	LED Quantity	Measurement	Operation
	V	Max. mA		Mm	
STA12WW30AA	12	150	30	135 x 70 x 10mm	Non-Touch
STA12WW34AAB	12	85	34	135 x 70 x 10mm	Touch

Specialized Vehicle Light

The light includes White and Blue LEDs (Everlight 67-21). 12/24V DC and IP67 and IP66. The light is made to ‘vandal resistant specification IK10’. The light consists of 4 wires: Black to ground, red for 100% light, white for 50% light and blue for the blue night light. The light can be switched from 50%, 100% or 150% light and has a colour of 5000K.

Available from stock.



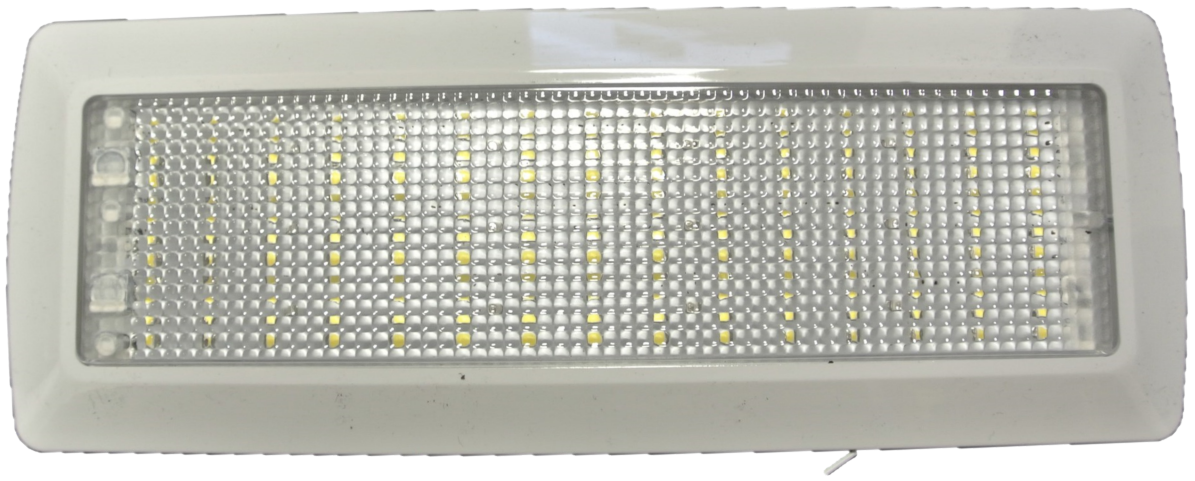


Part No.	Voltage	LEDs	Base Colour	Light Size		IP Rating
	V	White | Blue		Height	Width	
92-GC01	12/24	24 | 6	White	13.5mm	Ø150mm	IP67 (IP66 optional)
92-GC02	12/24	24 | 6	Grey	13.5mm	Ø150mm	IP67 (IP66 optional)
92-GC05	12/24	39 | 12	White	13.6mm	350 x 140mm	IP66 (IP67 optional)
92-GC06	12/24	39 | 12	Grey	13.6mm	350 x 140mm	IP66 (IP67 optional)

Ambulance Light

The 12-24V LED interior light is designed to fit in ambulances, and is perfect for ice cream vans, work vehicles, or anywhere you require cool, bright lighting. This light is fitted with a blue night light and dimmable option, making it a versatile lighting option.

Available in 4300-4500 Kelvin or 5000 Kelvin.

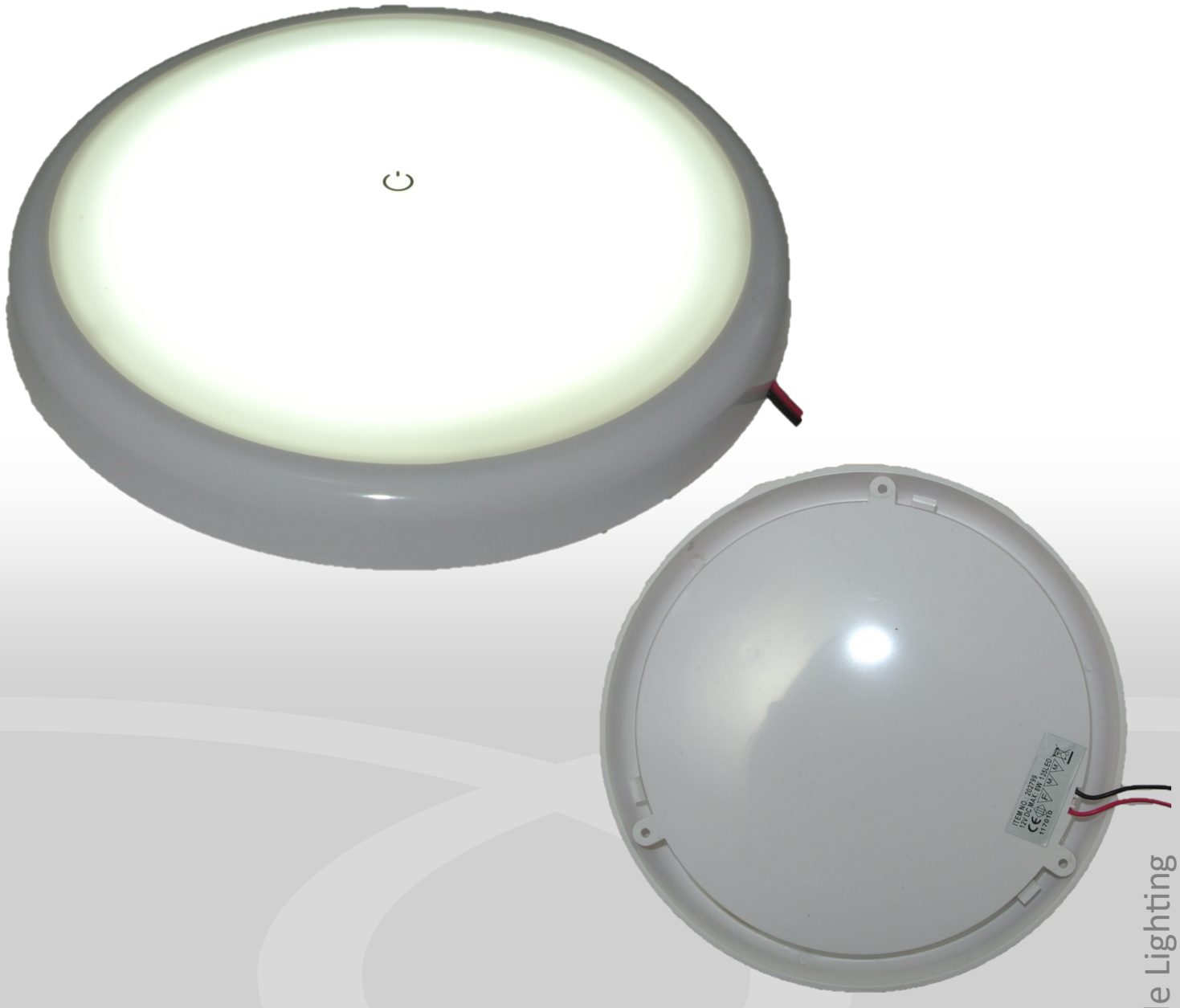


Part No.	Voltage	LEDs	Base Colour	Kelvin	Light Size		IP Rating
	V	White | Blue			Height	Width	
AMB-60	12/24	180 | 12	White	4300—4500	16mm	330 x 140 mm	IP65
AMB-60-500KW	12/24	180 | 12	White	5000	16mm	330 x 140 mm	IP65

Staged LED Light

The round LED light is able to be dimmed in 3 stages: 30%, 60% and 100%. The light has a surface mounted, screw on application with an opaque diffuser. The light is controlled by touch in the centre of the diffuser.

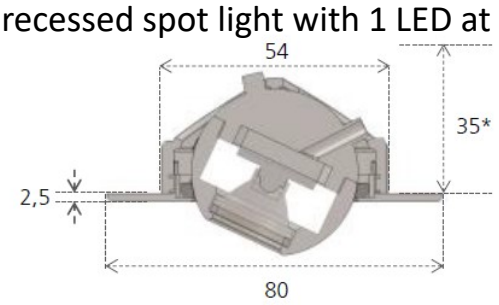
Also known as the ‘Bunker Light’.



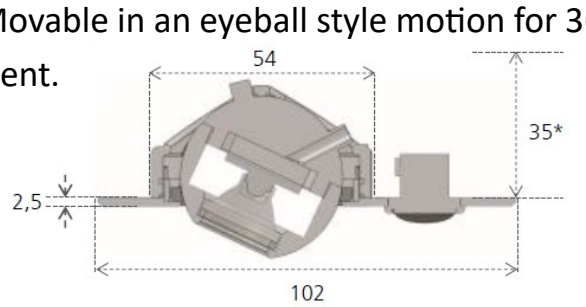
Part No.	Voltage	Light Colour	Size
	V		mm
202799	12	White	Ø174 x 14mm

Power LED Spot—Eyeball 10 Series

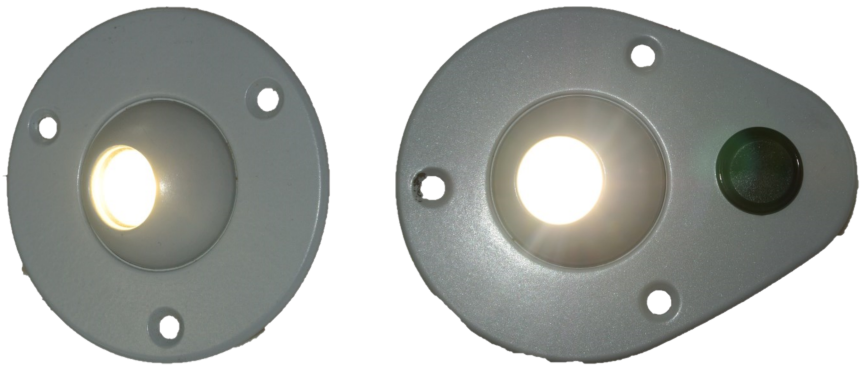
A recessed spot light with 1 LED at 2.5 Watt. Movable in an eyeball style motion for 360º adjustment.



* Mounting depth is 35 mm due to room for the cable



* Mounting depth is 35 mm due to room for the cable

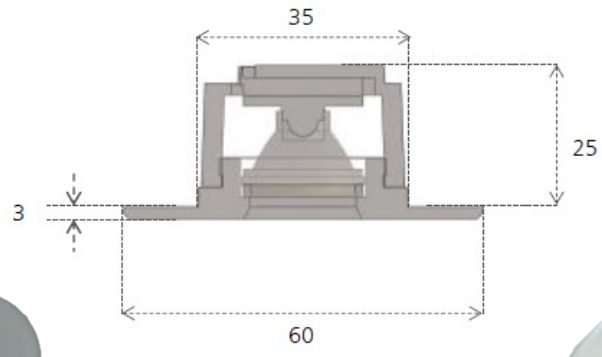


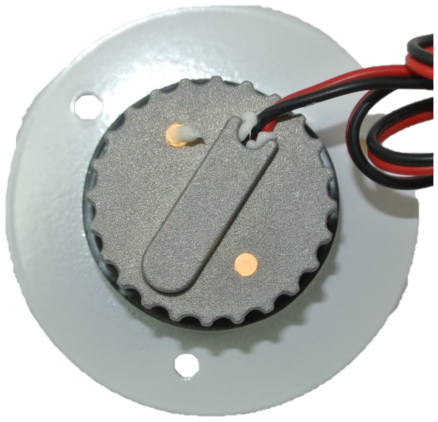
Fitting Type	Recessed with screws
Base	Aluminium, white, grey or black powder coated
Diffuser	• 50º wide light beam (standard) • 20º narrow light beam
End Caps	N/A
Voltage Range	• 10-30 VDC multi-volt • 230 VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K)
Continuous Lighting System	No
Switch	Option , 2 positions
Motion Sensor	Available separately
Night Light	No
Dimmable	PWM dimming via an external dim unit is possible by default up to a maximum of 1000HZ

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Power LED Spot—Recessed 11 Series

A recessed spot light with 1 LED at 2.5 Watt.



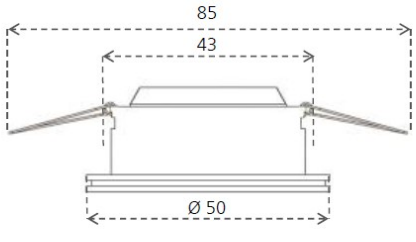


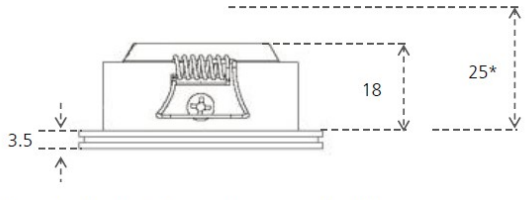
Fitting Type	Recessed with screws
Base	Aluminium, white, grey or black powder coated
Diffuser	• 50° wide light beam (standard) • 20° narrow light beam
End Caps	N/A
Voltage Range	• 10-30 VDC multi-volt • 230 VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	IP66 classification
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K) • Other colours available on request
Continuous Lighting System	No
Switch	No
Motion Sensor	Available separately
Night Light	No
Dimmable	PWM dimming via an external dim unit is possible by default up to a maximum of 1000HZ

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

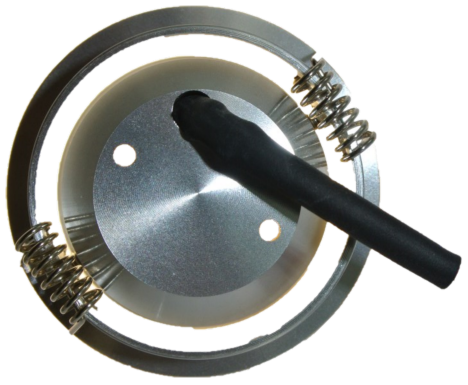
Power LED Spot—Tiltable 12 Series

A recessed spot light with 1 LED at 2.5 Watt. Cut out of Ø43mm.
Spring Mounted and tiltable in one direction.





* Mounting depth is 25 mm due to room for tilting

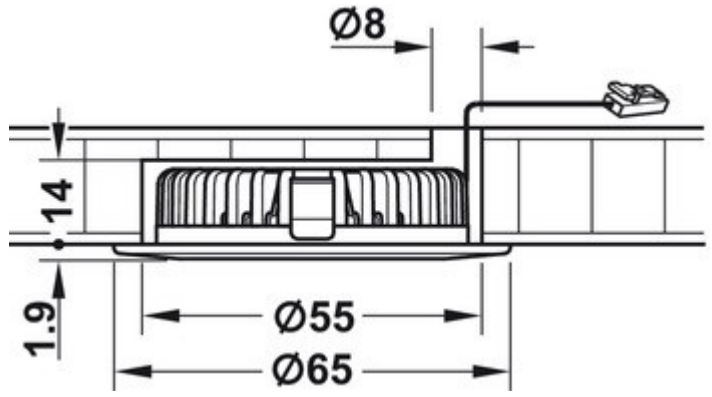


Fitting Type	Recessed with springs
Base	Aluminium or black
Diffuser	• 50° wide light beam (standard) • 20° narrow light beam
End Caps	N/A
Voltage Range	• 10-30 VDC multi-volt • 230 VAC through an external LED driver/converter (see page 6.02 and 6.03 of the Dutch Electro Catalogue) • Automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04 of the Dutch Electro Catalogue)
Water Tight	No
Light Source	DEMCO LED Modules
Light Colour	• Natural White (4000K, standard colour) • Cool White (6000K) • Warm White (3000K)
Continuous Lighting System	No
Switch	No
Motion Sensor	Available separately
Night Light	No
Dimmable	PWM dimming via an external dim unit is possible by default up to a maximum of 1000HZ

For a break down of all part numbers and options, please refer to the Dutch Electro Catalogue or contact our sales department.

Downlighter

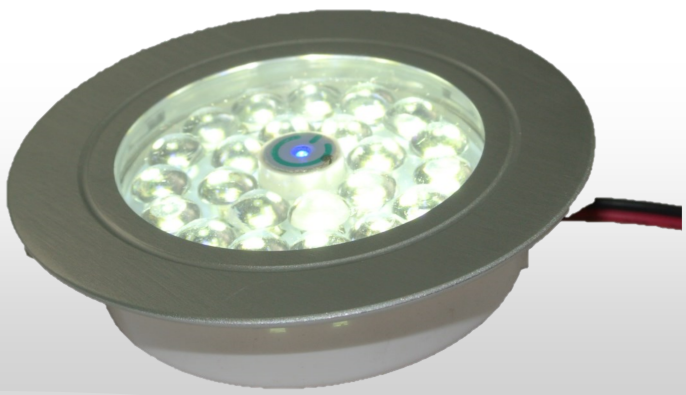
The 12V Downlighter is a high-quality recessed spotlight finished in matt nickel, with an opaque diffuser. The light is water tight up to IP20 from above the fitting and IP44 from below the fitting, with a Ø55mm cut out.

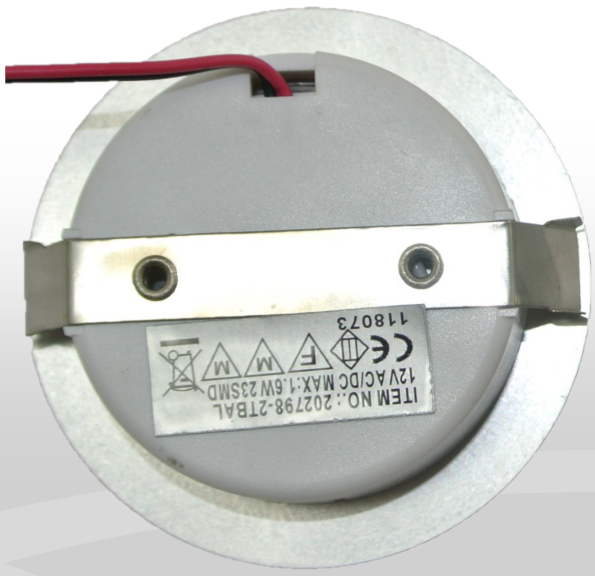


Part No.	Fitting	Voltage	Light Colour	Size
		V		mm
833.72.0286	Recessed	12	White—5000 K	Ø65 x 16mm

12V Chrome Downlighter

The 12V Downlighter is available for recessed or plant on mounting, with both a touch and night light option.





Part No.	Voltage	Size	Touch Operated	Blue Night Light	With Bezel
	V	mm			
798-1AL	12	Ø64 x 15mm	No	No	No
798-1TAL	12	Ø64 x 15mm	Yes	No	No
798-1TBAL	12	Ø64 x 15mm	Yes	Yes	No
798-2B	12	Ø67 x 19mm	N/A	N/A	Bezel Only

Please note the bezel is a separate part that will need to be ordered separately

Bullet Light

The small bullet spot light is a single LED in a chrome surround. The lights are recess mounted with a cut out of Ø .

Available in blue or white the bullet lights make excellent night lights, detail lights or walkway and step lights

Part No.	Voltage	Light Colour	Size
	V		mm
202797-B	12	Blue	Ø18 x 15
202797-W	12	White	Ø18 x 15

Oval Step Light

The surface mounted 12V step light is attached by 2 screws, making it an easy plant on application. The opaque diffuser is surrounded by a chrome fitting, that clips on after mounting.

Part No.	Voltage	Size
	V	mm
202763-2	12	77 x 38x 13mm

Work Lamp

The work lamp is a powerful LED exterior application for scene lighting.

Available in a range of shapes and wattages, the lights also have the option of a magnetic base, handle, mounting brackets and Heli-Coil.

Part No.	Description	Voltage	Wattage	Shape	Notes
		V	W		
WORK-18S	18 Watt Square Work Lamp	12	18	Square	Available with Handle and Bracket
WORK-HB	Work Lamp Handle and Bracket	N/A	N/A	Handle and Bracket	
WORK-HC	Work Lamp Helicoil	12	N/A	Helicoil	
WORK-MB	Work Lamp Magnetic Base	N/A	N/A	Magnetic Base	
WORK-18WSK	Work Lamp Kit	12	18	Square	Contains Square Work Lamp, Heli-coil, magnetic Base Handle and Bracket

Rear Burger Light

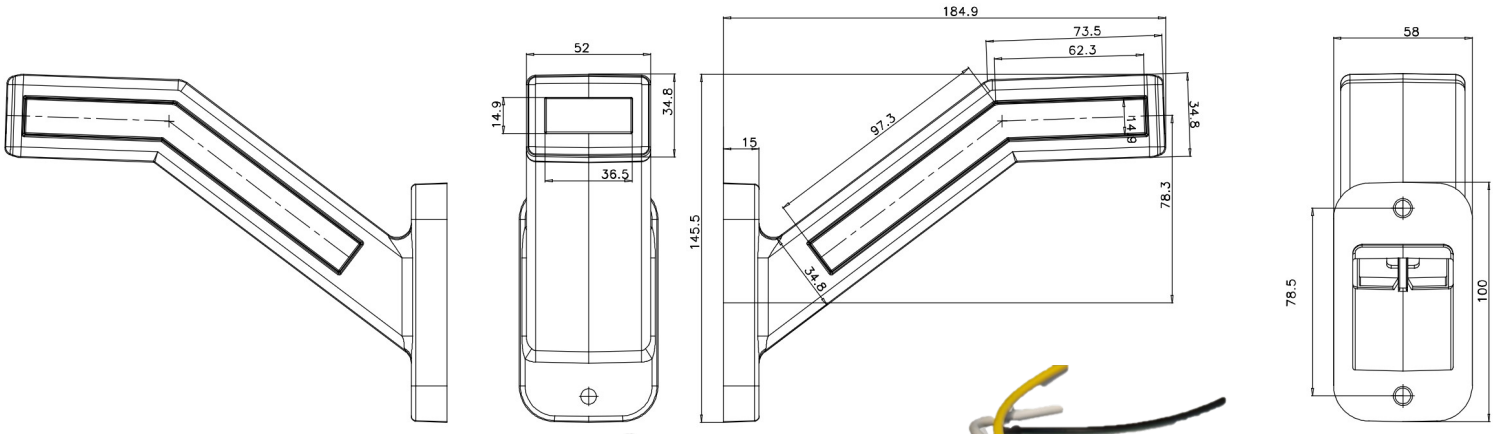
We offer two options on the rear burger light: a Dynamic Indicator, Brake and Tail Light, or the Reverse, Fog and Tail Light option.
Both options have a universal design to go on left or right of vehicle, are IP66/68 rated and have a 2 meter cable. The LED tail light gives a neon-like glow, while the dynamic indicator lights up from the inside to the outside of the light.

Part No.	Description	Voltage V	Size
WAS1129DD	Dynamic Indicator, Brake and Tail	12-24	Ø142 x 38mm
WAS1130/12F	Fog, Reverse and Tail	12-24	Ø142 x 38mm

Position Light

Available in left and right, these position lights offer dynamic indicators, rear marker, front marker and side marker lights in one. It has a simple instillation with a three wire set up and two covered screw fixings.

Pairing perfectly with the Burger Lights, these position lights have a neon-like glow, and the dynamic indicators illuminate from the inside to the outside.



Part No.	Description	Voltage V	Size
WAS1259L	Dynamic Indicator, Rear Marker, Side Marker and Front Marker — Left Hand Version	12-24	185 x 146 x 58mm
WAS1259R	Dynamic Indicator, Rear Marker, Side Marker and Front Marker — Right Hand Version	12-24	185 x 146 x 58mm

Side Lights

The side position multifunctional light comes with an optional bracket and can be universally surface mounted to the side of a vehicle. The light is IP66/68 rated and has a built in reflective device.

Colour options include flashing amber, static amber, or static red.

Part No.	Voltage	Light Colour	Light Size	
	V		With bracket (mm)	Without bracket (mm)
WAS535-Z	12-24	Static Red	112 x 62 x 38	112 x 38 x 17
WAS534-Z	12-24	Static Amber	112 x 62 x 38	112 x 38 x 17
WAS975	12-24	Flashing Amber	112 x 62 x 38	112 x 38 x 17

Light Bar

The red light bar is surface mounted from two fix points. The padded back makes the light bar suitable for interior or exterior application.

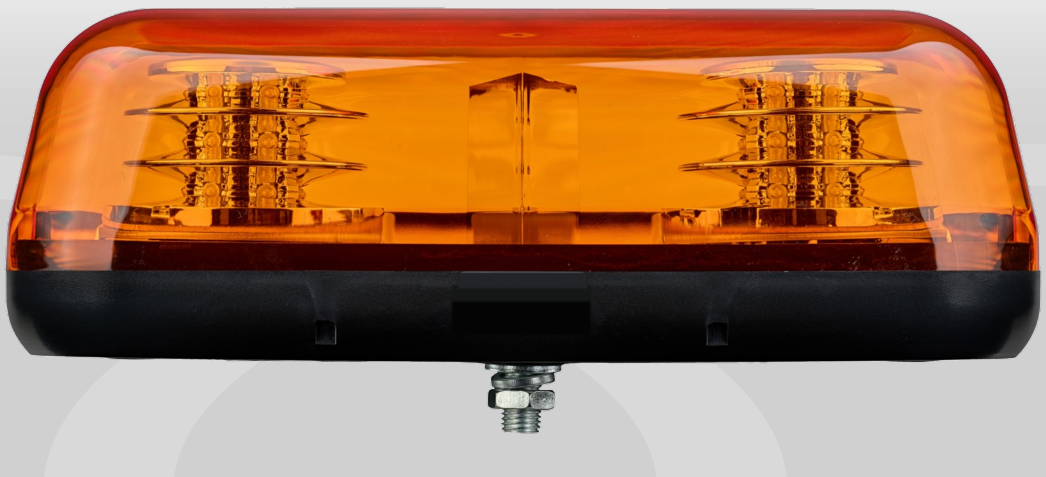
Part No.	Voltage	Light Colour	Size
	V		mm
S3028-M-12V	12	Red	280 x 24 x 10

Mini Amber Light Bar

This R65 and R10 approved light bar is manufactured with 48 x 3W LEDs, and available with single point and twin point fixing. The light bar has an amber polycarbonate lens, and is multi-voltage at 10-30V consuming 4.0A at 12V and 2.0A at 24V.

IP56 rated, comes with a 3 year warranty.

A stainless steel roof mounting bracket is available separately.



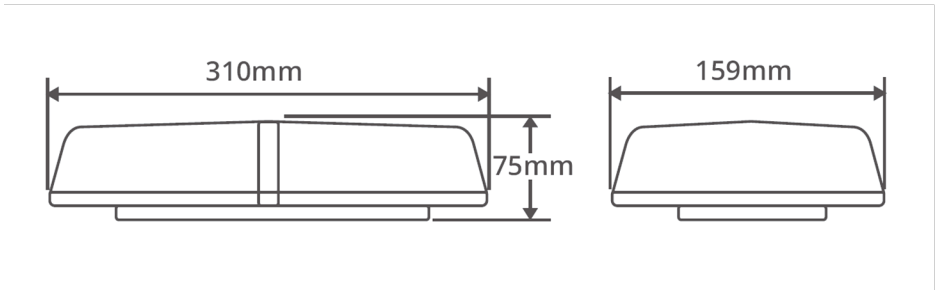
Part No.	Voltage	Light Colour	Mounting	Size
	V			Mm
PMH162A/SP	10-30	Amber	Single Point	400 x 180 x 134
PMH162A/TB	10-30	Amber	Twin Point	400 x 180 x 134
PMH63202210	Mounting Bracket			

Low Profile Mini Light Bar

Available with the option of single point or magnetic base fittings, this light bar is manufactured with 72 x 0.5W amber LEDs making this an R65 and R10 approved warning light. The light bar has a clear polycarbonate lens, and is multi-voltage at 10-30V consuming 3.0A at 12V and 1.5A at 24V.

IP65 rated, comes with a 2 year warranty.

A stainless steel roof mounting bracket is available separately.

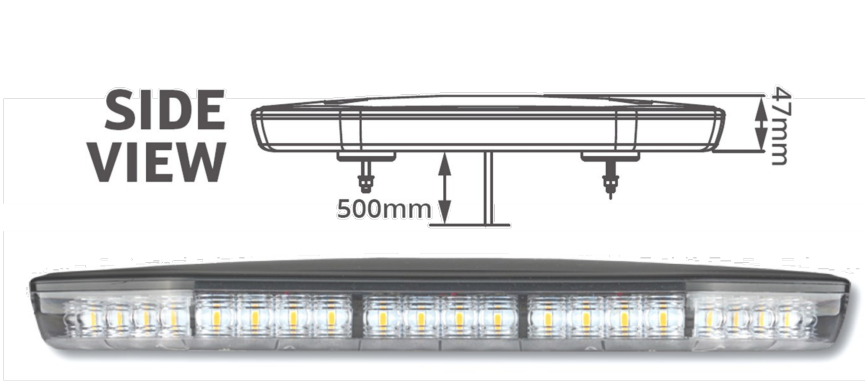


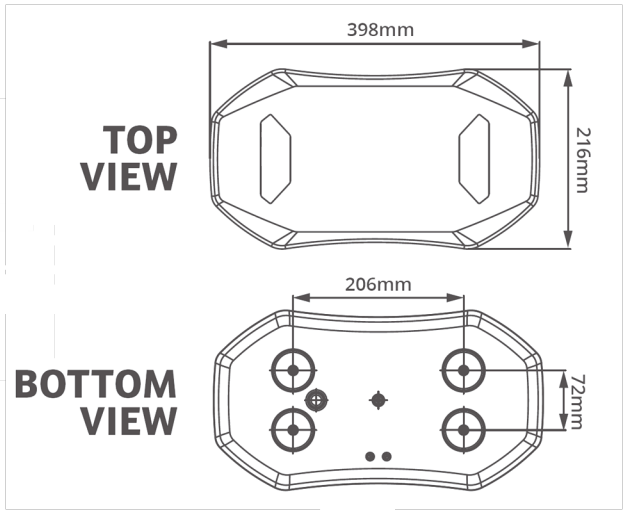
Part No.	Voltage	Light Colour	Mounting	Size
	V			Mm
PMH1272AC/MAG	10-30	Amber	Magnetic	310 x 159 x 75
PMH1272AC/SP	10-30	Amber	Single Point	310 x 159 x 75
PMH63202210	Mounting Bracket			

Comet Mini Amber Light Bar

Available with the option of four point or magnetic base fittings, this light bar is manufactured with 48 x 0.5W amber LEDs making this an R65 and R10 approved warning light. The light bar has a clear polycarbonate lens, and is multi-voltage at 10-30V consuming 2.0A at 12V and 1.0A at 24V.

IP67 rated, comes with a 3 year warranty.
A stainless steel roof mounting bracket is available separately.





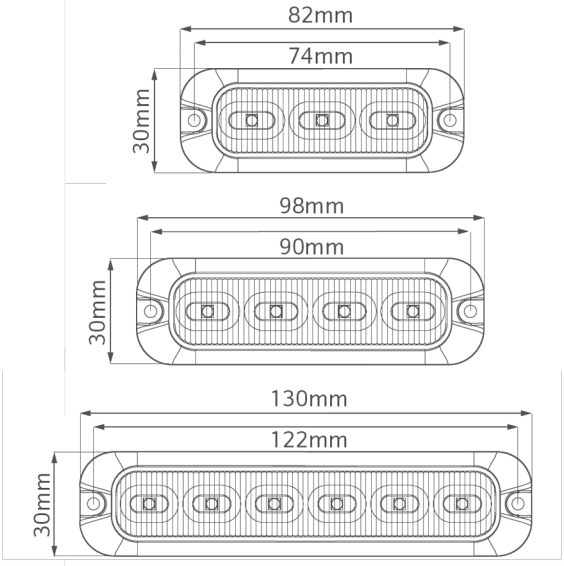
Part No.	Voltage	Light Colour	Mounting	Size
	V			Mm
PMH1648AC/MAC	10-30	Amber	Magnetic	398 x 216 x 47
PMH1648AC/QB	10-30	Amber	Four Point	398 x 216 x 47
PMH63202210	Mounting Bracket			

Low Profile Mini Light Bar

Available in 3W 3, 4, or 6 amber or green LEDs. With R65 and R10 approval, these low-profile designed warning lights can be linked for a synchronized or alternating flash.

Supplied with rubber gaskets and fixing screws.

IP69K rated, comes with a 2 year warranty.



Part No.	Voltage	Light Colour	Mounting	Size
	V			Mm
PMHLED3A	10-30	Amber	Twin Point Screw	82 x 30 x 11
PMHLED3G	10-30	Green	Twin Point Screw	82 x 30 x 11
PMHLED4A	10-30	Amber	Twin Point Screw	98 x 30 x 11
PMHLED4G	10-30	Green	Twin Point Screw	98 x 30 x 11
PMHLED6A	10-30	Amber	Twin Point Screw	130 x 30 x 11
PMHLED6G	10-30	Green	Twin Point Screw	130 x 30 x 11

Step Light and Marker Lights

Step and side marker lights are available in a range of colours, sizes and shapes. We also offer both flashing and non flashing options.

Ideal for interior or exterior use.

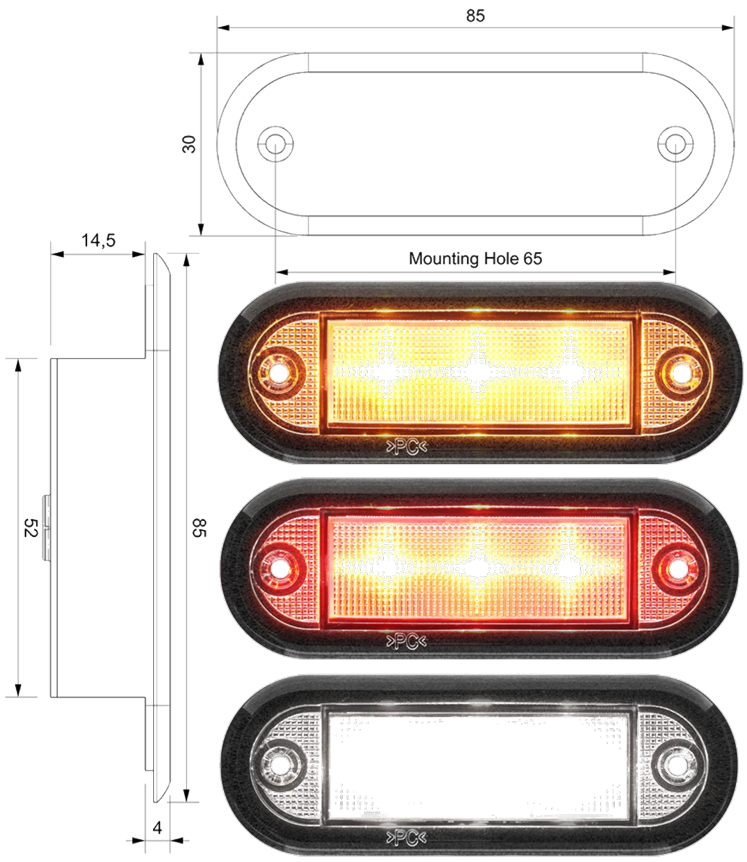
See below for part number breakdown.

See page over for shape, colour and diagram examples.

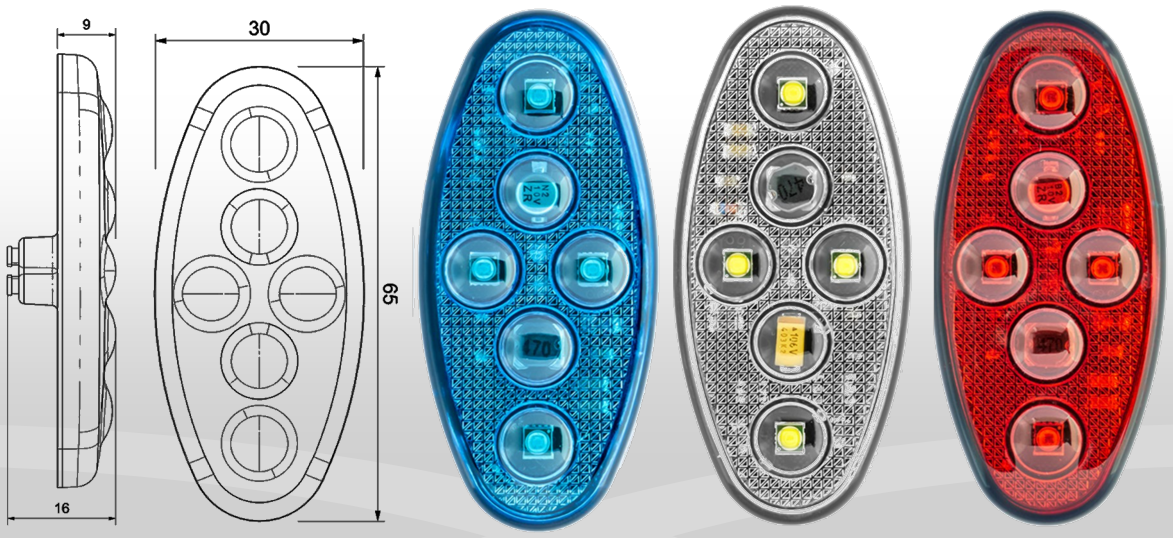
Part No.	LED's	Voltage	Light Colour	Operation
SBA24R3	3	24	Red	Small Step Light
SBA24W3	3	24	White	Small Step Light
SBA24Y3	3	24	Amber	Small Step Light
SBB12B6	6	12	Blue	Static Step Light—E9 Rated
SBB12R6	6	12	Red	Static Step Light—E9 Rated
SBB12W6	6	12	White	Static Step Light—E9 Rated
SBB12Y6	6	12	Amber	Static Step Light—E9 Rated
SBB24B6	6	24	Blue	Static Step Light—E9 Rated
SBB24R6	6	24	Red	Static Step Light—E9 Rated
SBB24W6	6	24	White	Static Step Light—E9 Rated
SBB24Y6	6	24	Amber	Static Step Light—E9 Rated
SBD12B6	6	12	Blue	Static Rectangular Marker Light
SBD12R6	6	12	Red	Static Rectangular Marker Light
SBD12W6	6	12	White	Static Rectangular Marker Light
SBDFB6	6	10-30	Blue	Flashing Rectangular Marker Light
SBDFW6	6	10-30	White	Flashing Rectangular Marker Light
SBDFY6	6	10-30	Amber	Flashing Rectangular Marker Light
SBE12B6	6	12	Blue	Static Elliptical Marker Light
SBE12R6	6	12	Red	Static Elliptical Marker Light
SBE12W6	6	12	White	Static Elliptical Marker Light
SBE24B6	6	24	Blue	Static Elliptical Marker Light
SBE24W6	6	24	White	Static Elliptical Marker Light

SBB Series

SBA Series



SBE Series

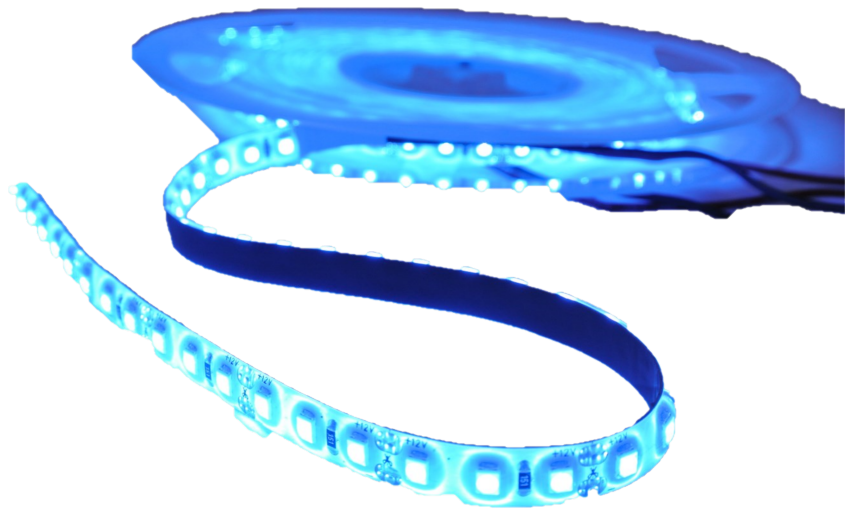


SBD and SPDF Series

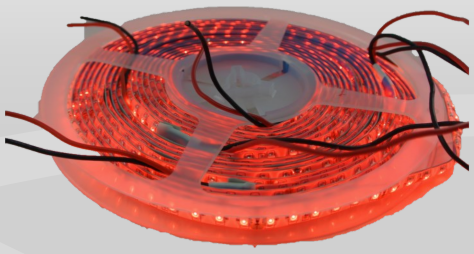
SMD Flexi Strip Light

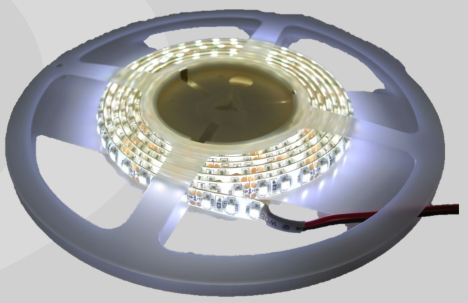
The Flexible SMD LED Strips are available in a choice of colours, lengths and voltages. The Strips can be cut down to length easily. They also have a self adhesive back to ease the application process, whilst also being durable and water resistant.

The LED Strips are designed to fit into our aluminium recessed strip and aluminium step edging, for both cosmetic and safety purposes.



Part Number	Length	Colour	Voltage
SMD3528-05B12	0.5 meter	Blue	12V
SMD3528-05R12	0.5 meter	Red	12V
SMD3528-05W12	0.5 meter	White	12V
SMD3528-05W24	0.5 meter	White	24V
SMD3528-1B12	1 meter	Blue	12V
SMD3528-1R12	1 meter	Red	12V
SMD3528-1W12	1 meter	White	12V
SMD3528-15B12	1.5 meter	Blue	12V
SMD3528-15G12	1.5 meter	Green	12V
SMD3528-2B12	2 meter	Blue	12V
SMD3528-2R12	2 meter	Red	12V
SMD3528-2R24	2 meter	Red	24V
SMD3528-2W12	2 meter	White	12V
SMD3528-5B12	5 meter	Blue	12V
SMD3528-5B24	5 meter	Blue	24V
SMD3528-5C12	5 meter	Colour Change	12V
SMD3528-5R12	5 meter	Red	12V
SMD3528-5R24	5 meter	Red	24V
SMD3528-5W12	5 meter	White	12V
SMD3528-5W24	5 meter	White	24V





Motion Sensor

The motion sensor can be added to a standard light to give it PIR capabilities. Being watertight means the motion sensor addition can be added to both interior and exterior applications.

Case	Thermoplast
Current	9 Ampere
Input Voltage	12 VDC or 24 VDC
Output Voltage	12 VDC or 24 VDC
Nominal Power	12 VDC: 100 Watt; 24 VDC; 200 Watt
Water Tight	Yes
Function	A motion sensor switch based on infrared heat emission • Default delay time after last detection 10 minutes • Other available delay times are 15 seconds, 1 or 5 minutes
Wiring	• HDEM-PIR1: 50cm out-coming on one side, 4x1 mm² • HDEM-PIR2: 50cm out-coming on both sides, 2x1 mm²

Part Number	Dimensions Mm	Wiring Option **A**	PIR Option **B**
HDEM-PIR**A**/WT9**B**	50 x 35 x 30	**1** —50cm out-coming on one side, 4x1 mm²	**A** — 15 Seconds
		2 —50cm out-coming on both sides, 2x1 mm²	**H** — 30 seconds
			B — 1 minute
			C — 2 minutes
			D — 5 minutes
			E — 10 minutes (standard)
			F — 15 minutes
			J — 20 minutes
			G — 30 minutes

Please note the motion sensors are made to specification, and are not held in stock.