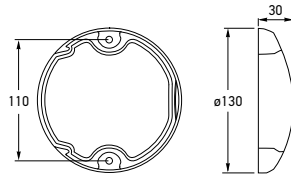
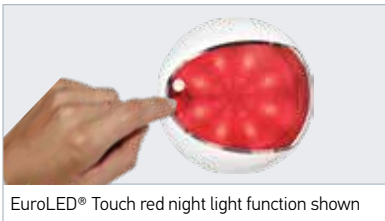
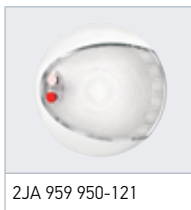


EuroLED® White/Red Touch Lamps

Dual colour EuroLED® Touch Lamps with dimming and momentary switch control. Touch the white or red pads for on/off, hold finger to cycle through dimming levels. Provides ultra long service life and is shock and vibration proof. Clear lens.



2JA 959 950-111 - Black Shroud		<input type="checkbox"/>	WHITE/RED
2JA 959 950-121 - White Shroud		<input type="checkbox"/>	
Mounting	Two hole surface mount with mounting bushes supplied		
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts		
Power Consumption	White:	4W	
	Red:	1.5W	
Protection	Reverse polarity and transient spike circuit protection. IP 6K6 (Protection against dust and high-pressure water jets) IP 6K7 (Protection against temporary water immersion)		
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable		
Accessories	8HG 959 952-002	Mounting spacer - Black	
	8HG 959 952-012	Mounting spacer - White	
	9HD 959 027-007	EuroLED® Cover - Black	
	9HD 959 027-017	EuroLED® Cover - White	
Compliance	CE		
See page 78 for EuroLED® accessories.			

8HG 959 952-002	8HG 959 952-012

INTERIOR/EXTERIOR

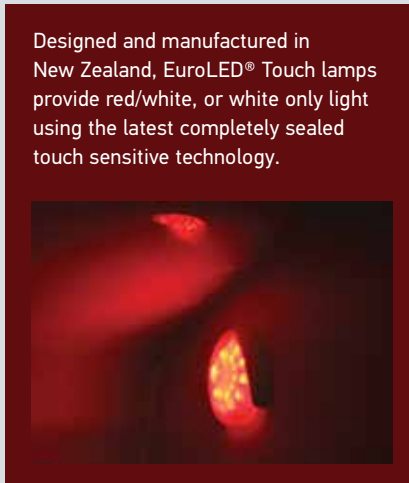
EuroLED®

Advanced LED Lamps with touch sensitive switching. Power saving and ultra durable.

Lighting control is beautifully simple. Touch the colour pad for red light and the white pad for white light. On the dual colour versions, hold your finger on the pad for more than two seconds and the lamp will cycle through four dimming levels. Release your finger on the light level required.

Dual colour EuroLED® Touch lamps can also be remotely operated from multiple points with 'off the shelf' ON/OFF/ON momentary switches. Holding one of the external switches for two seconds will synchronise the lamps to the same dimming level.

Light levels are 'remembered' by the lamps circuitry, even when a vehicle's batteries are turned off.



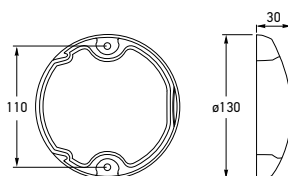
The lamp will always turn on at the colour intensity previously set, regardless of power interruption.

EuroLED® Touch power consumption is 4W on white (0.33A @ 12V) and less than 1.5W on red (less than 0.125A @ 12V) to provide significant power savings.

The durability of EuroLED® Touch Lamps is outstanding. Each lamp is completely waterproof, impact and shock resistant, for an ultra long service life. Multivolt circuitry provides optimum brightness across a range of input voltages from 9-33V DC, even under severe voltage fluctuations.

EuroLED® White Touch Lamps

White single LED lamp with touch switching and clear lens. Touch the white pad to turn on and the black pad to turn off. Provides ultra-long service life and is shock and vibration proof.



2JA 959 950-551 - Black Shroud		■ WHITE
2JA 959 950-561 - White Shroud		
Mounting	Two hole surface mount with mounting bushes supplied	
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts	
Power Consumption	4W	
Protection	Reverse polarity and transient spike circuit protection. IP 6K6 (Protection against dust and high-pressure water jets) IP 6K7 (Protection against temporary water immersion)	
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable	
Accessories	8HG 959 952-002 Mounting spacer - Black 8HG 959 952-012 Mounting spacer - White 9HD 959 027-007 EuroLED® Cover - Black 9HD 959 027-017 EuroLED® Cover - White	
Compliance	CE	
See page 78 for EuroLED® accessories.		



2JA 959 950-561



95982050	2JA 959 820-502	■ WHITE
Mounting	Two hole surface mount with mounting bushes supplied	
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts	
Power Consumption	4W	
Protection	Reverse polarity and transient spike circuit protection. IP 6K6 (Protection against dust and high-pressure water jets) IP 6K7 (Protection against temporary water immersion)	
Cable Length	Pre-wired with 2.5m of sheathed multi-core cable	
Accessories	8HG 959 952-002 Mounting spacer - Black 8HG 959 952-012 Mounting spacer - White 9HD 959 027-007 EuroLED® Cover - Black 9HD 959 027-017 EuroLED® Cover - White	
Compliance	CE	
See page 78 for EuroLED® accessories.		

EuroLED® Lamp

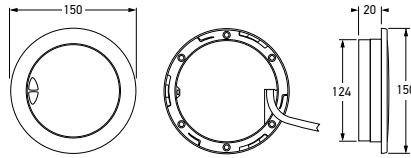
White single LED Lamp with clear lens. Provides ultra long service life and is shock and vibration proof. Includes a black and a white rim. No switching or dimming.



INTERIOR/EXTERIOR

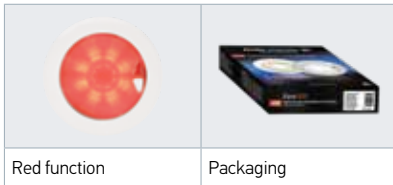
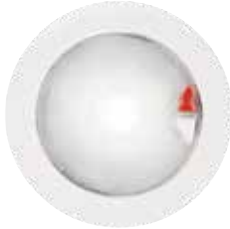
EuroLED® Touch 150 Downlights - Dual Colour

Dual colour EuroLED® Touch Lamps with dimming and momentary switch control. Touch the white pad for on/off, hold finger on the pad to cycle through dimming levels. Provides ultra long service life and is shock and vibration proof. Clear lens.



2JA 980 630-001 - White Plastic Rim	■ WHITE/RED
2JA 980 630-011 - Polished Stainless Steel Rim	
2JA 980 630-101 - White Plastic Rim	■ WARM WHITE/RED
2JA 980 630-111 - Polished Stainless Steel Rim	

Mounting	Recess mount, 124mm hole
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts
Power Consumption	White: 4W Red: 1.5W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE



EuroLED® Touch 150 Downlights - Single Colour

White single LED Lamp with touch switching and clear lens. Touch the white pad to turn on and the black pad to turn off. No dimming. Provides ultra long service life and is shock and vibration proof.



2JA 980 630-501 - White Plastic Rim	■ WHITE
2JA 980 630-511 - Polished Stainless Steel Rim	
2JA 980 630-601 - White Plastic Rim	■ WARM WHITE
2JA 980 630-611 - Polished Stainless Steel Rim	

Mounting	Recess mount, 124mm hole
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts
Power Consumption	4W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE

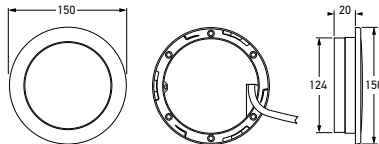


Sealed cable entry

INTERIOR/EXTERIOR

EuroLED® 150 Downlights

White single LED Lamp with clear lens.
Provides ultra long service life and is shock and vibration proof. No switching or dimming.

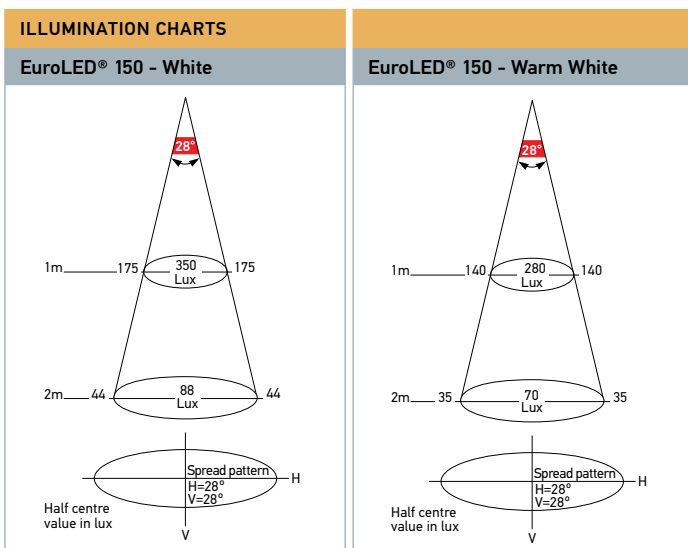


2JA 980 631-501 - White Plastic Rim	■ WHITE
2JA 980 631-511 - Polished Stainless Steel Rim	
2JA 980 631-601 - White Plastic Rim	■ WARM WHITE
2JA 980 631-611 - Polished Stainless Steel Rim	
Mounting	Recess mount, 124mm hole
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts
Power Consumption	4W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE



2JA 980 631-601

Packaging



Illumination Charts Explained

Our light performance charts show luminance and spread in an easy to read format. At the top is the spread, with the boundary threshold being defined as half the peak luminance. While there is light beyond the indicated angles, the majority of light will be inside the cone shown.

The difference between lux (illuminance) and lumen (luminous flux) is that lux takes into account the area over which the luminous flux is spread. Accordingly the lux figure decreases with distance. Most interior lamps will be installed at around the 2-2.5 metre height.

As a guideline, some 40-100 lux is required for corridors and passageways, around 300 lux for reading and 500-800 lux for offices.

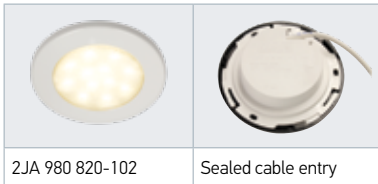
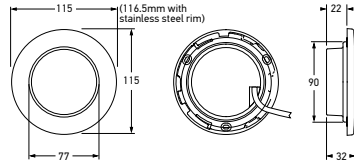
The spread pattern may not be designed symmetrical so the spread horizontally (H) and vertically (V) are given.

Luminance is additive, meaning overlapping light patterns or multiple lamps lighting the same surface add their luminance.

INTERIOR/EXTERIOR

EuroLED® 115 Downlights - With White Spacer

Round LED high intensity Downlights offering class leading efficiency and durability. Supplied with white or polished stainless steel rim to suit.



2JA 980 820-002 - White Plastic Rim	■ WHITE
2JA 980 820-012 - Polished Stainless Steel Rim	
2JA 980 820-102 - White Plastic Rim	■ WARM WHITE
2JA 980 820-112 - Polished Stainless Steel Rim	
Mounting	Recess mount, 90mm hole. Surface mount via optional spacer
Voltage	Multivolt for optimum brightness at input voltage from 10 to 33 volts
Power Consumption	4.5W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE

EuroLED® 115 Downlights - With White Spacer and Switch

Round LED high intensity Downlights offering class leading efficiency and durability. Supplied with white or polished stainless steel rim to suit.

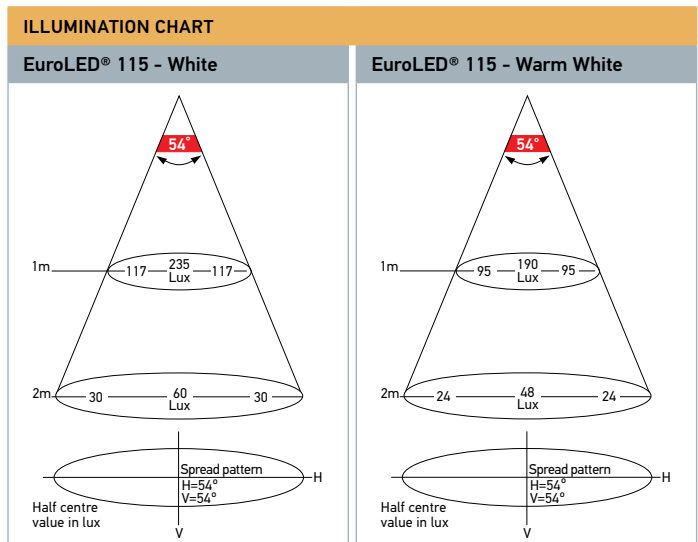


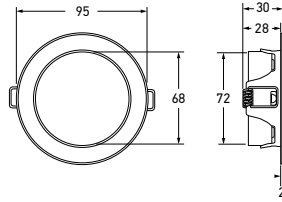
2JA 980 828-002 - White Plastic Rim	■ WHITE
2JA 980 828-012 - Polished Stainless Steel Rim	
2JA 980 828-102 - White Plastic Rim	■ WARM WHITE
2JA 980 828-112 - Polished Stainless Steel Rim	
Mounting	Recess mount. Surface mount via spacer
Voltage	Multivolt for optimum brightness at input voltage from 10 to 33 volts
Power Consumption	4.5W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable.
Compliance	CE

INTERIOR/EXTERIOR



EuroLED® 115 Downlights with switch, expanded view.



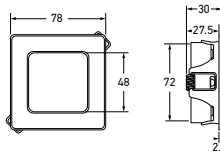


2JA 958 340-011		WHITE
2JA 958 340-101		WHITE/RED
2JA 958 340-111		WHITE/BLUE
2JA 958 340-021		WARM WHITE
2JA 958 340-121		WARM WHITE/RED
2JA 958 340-131		WARM WHITE/BLUE

Mounting	Recess mount, 76mm diameter hole. Spring clip.
Voltage	Multivolt for optimum brightness at input voltage from 9 to 33 volts
Power Consumption	6W
Protection	IP 6K9K (Protection against dust and high pressure/steam jet cleaning)
Cable Length	Pre-wired with 120mm of cable
Compliance	CE

EuroLED® 95 Gen 2 Round Down Lights - Recess Mount With Spring Clip

The next generation of LED high intensity down lights offers an improved class leading efficiency and durability. The smooth diffused lens creates a comfortable and uniform appearance with over 420 lumens of actual light in a broad and even illumination.



2JA 958 340-511		WHITE
2JA 958 340-601		WHITE/RED
2JA 958 340-611		WHITE/BLUE
2JA 958 340-521		WARM WHITE
2JA 958 340-621		WARM WHITE/RED
2JA 958 340-631		WARM WHITE/BLUE

Specifications as per 2JA 958 340-011 above.

EuroLED® 95 Gen 2 Square Down Lights - Recess Mount With Spring Clip

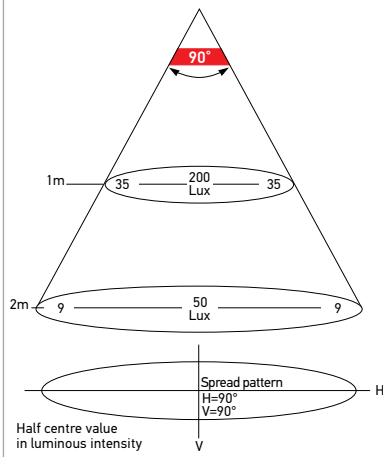
The next generation of LED high intensity down lights offers an improved class leading efficiency and durability. The smooth diffused lens creates a comfortable and uniform appearance with over 420 lumens of actual light in a broad and even illumination.



INTERIOR/EXTERIOR

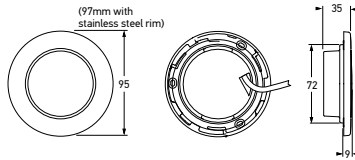
ILLUMINATION CHART

EuroLED® 95 - White/Warm White



EuroLED® 95 Downlights - Recess Mount

Round LED high Intensity Downlights offering class leading efficiency and durability. Supplied with white or polished stainless steel rim to suit.



2JA 980 940-001 - White Plastic Rim	■ WHITE
2JA 980 940-011 - Polished Stainless Steel Rim	
2JA 980 940-101 - White Plastic Rim	■ WARM WHITE
2JA 980 940-111 - Polished Stainless Steel Rim	

Mounting	Recess mount, 72mm hole. Screw mount.
Voltage	Multivolt for optimum brightness at input voltage from 10 to 33 volts
Power Consumption	4W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE

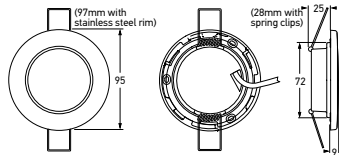


2JA 980 940-111

Packaging

EuroLED® 95 Downlights - Recess Mount With Spring Clip

Round LED high intensity Downlights offering class leading efficiency and durability. Supplied with white or polished stainless steel rim to suit.



2JA 980 940-201 - White Plastic Rim	■ WHITE
2JA 980 940-211 - Polished Stainless Steel Rim	
2JA 980 940-301 - White Plastic Rim	■ WARM WHITE
2JA 980 940-311 - Polished Stainless Steel Rim	

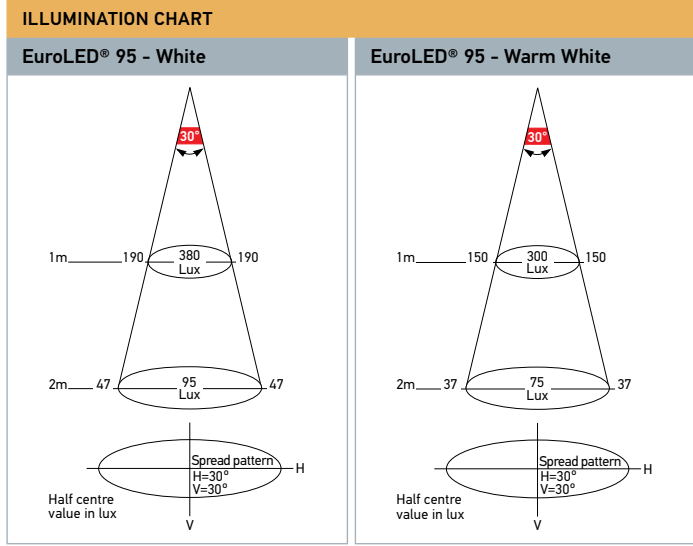
Mounting	Recess mount, 72mm hole. Spring clip.
Voltage	Multivolt for optimum brightness at input voltage from 10 to 33 volts
Power Consumption	4W
Protection	Reverse polarity and transient spike circuit protection. Sealed against dust and water ingress.
Cable Length	Pre-wired with 0.5m of sheathed multi-core tinned cable
Compliance	CE

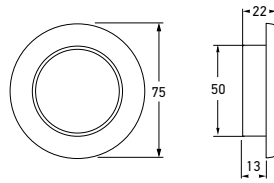


2JA 980 940-311

Packaging

INTERIOR/EXTERIOR



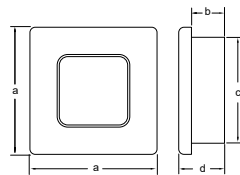


2JA 958 110-031 - 12 Volt DC	■ WHITE
2JA 958 110-131 - 24 Volt DC	
2JA 958 109-031 - 12 Volt DC	■ WARM WHITE
2JA 958 109-131 - 24 Volt DC	

Mounting	Recess mount, 50mm diameter hole	
Voltage	12V DC or 24V DC	
Power Consumption	<3W	
Protection	IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high pressure/steam jet cleaning)	
Cable Length	Pre-wired with 130mm of cable	
Supplied Rims	95950590	Black plastic rim - EuroLED® 95
	95950585	White plastic rim - EuroLED® 95
Compliance		
Additional rims and housings are available see page 257.		

EuroLED® 75 Down Lights - Recess Mount

This Downlight features the latest in LED technology and is available in two white colour temperatures. Both the cool white and the warm white option feature a smooth, evenly distributed illumination and an optic specifically designed to reduce individual light source glare, which can lead to discomfort and eye strain. Each Downlight includes a black and a white plastic rim.



Dimensions
 a = 60.0 mm / 2.36"
 b = 16.0 mm / 0.63"
 c = ø50.0 mm / ø1.97"
 d = 22.0mm / 0.87"

2JA 015 014-021 - Chrome Plated Trim, 12 Volt DC	■ WHITE
2JA 015 014-011 - White Plastic Trim, 12 Volt DC	
2JA 015 014-121 - Chrome Plated Trim, 24 Volt DC	
2JA 015 014-111 - White Plastic Trim, 24 Volt DC	
2JA 015 014-221 - Chrome Plated Trim, 12 Volt DC	■ WARM WHITE
2JA 015 014-211 - White Plastic Trim, 12 Volt DC	
2JA 015 014-321 - Chrome Plated Trim, 24 Volt DC	
2JA 015 014-311 - White Plastic Trim, 24 Volt DC	

Mounting	Screw	
Voltage	12V DC (9-16V DC) 24V DC (18-33V DC)	
Power Consumption	3W (<0.19A @ 12V DC) 3W (<0.09A @ 24V DC)	
Protection	IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high pressure/steam jet cleaning)	
Cable Length	Pre-wired with 120mm tinned marine cable	

EuroLED® 75 Square Down Lights

EuroLED® 75 LED down lights offer style, performance and energy efficiency for interior and exterior applications, provide long lasting, reliable illumination for your vessel.

Available in warm white and white, these lamps have a high colour rendering index of 85+ (CRI), offering exceptional colour rendering of objects and surfaces to beautifully enhance the materials of your vessel.

With an impressive output of 190 lumen and a diffused lens, they create a bright, broad and even illumination.



INTERIOR/EXTERIOR