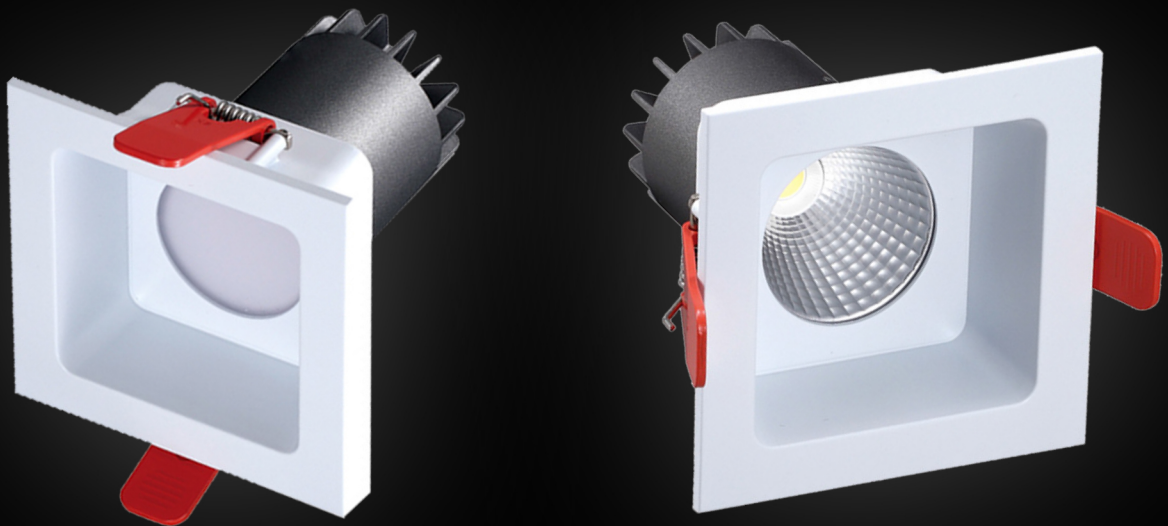


LED UK

THE ALTA RANGE



ABOUT US

LED UK is an International supplier of LED lighting technology. We specialise in complete energy efficient lighting solutions for both new and retrofit applications. We provide the highest quality LED based products by integrating premium components to ensure reliability and optimum performance.

Our service delivers a full bespoke package from site surveys, lighting design, the provision of leading edge technology and installation.

THE ALTA RANGE

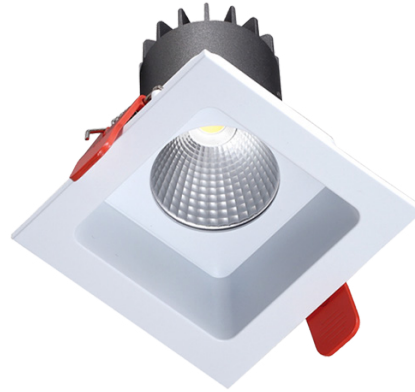
At LED UK we provide a comprehensive range of lighting options for all your commercial applications each tailored to meet the operating and design parameters required.

Lighting design services are available to ensure designs meet BS EN 12464-1:2011, and Society of Light and Lighting: Code for Lighting 2012. We can also provide a cost of ownership analysis to illustrate savings which can be made versus conventional lighting.

From first point of contact to final sign off we aim to support our customers through the complete process so all details are fully dealt with to maximise performance. Within this brochure we have included our complete Alta Range of LED Downlights. To view our full range of LED products please visit www.led.uk

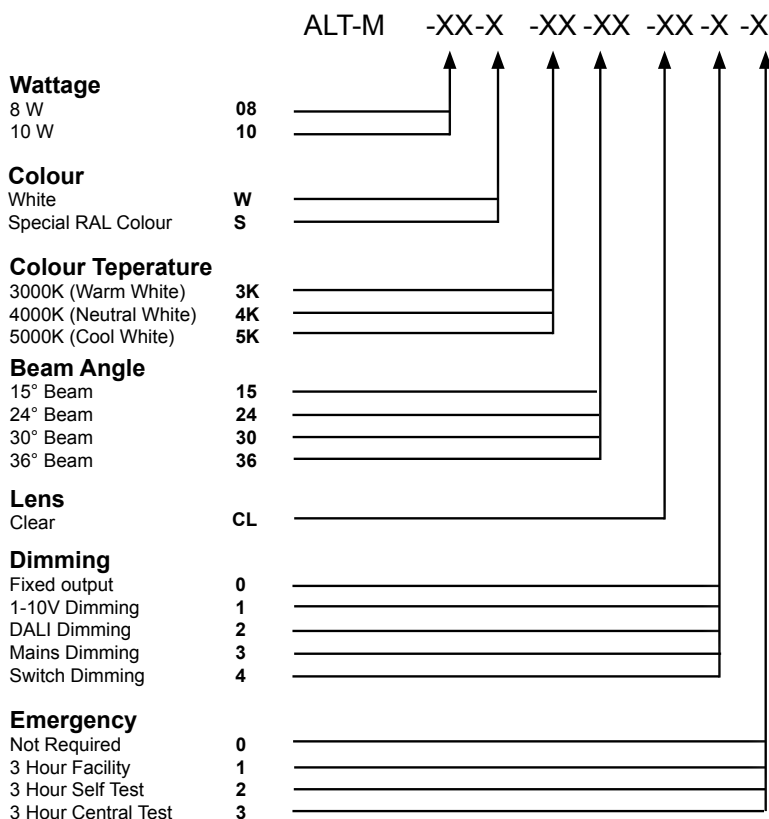
ALTA MINI

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta Mini LED is a 90 x 90mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cutoff which is also an aesthetically pleasing architectural detail.

The Alta Mini is available in 600lm and 700lm outputs with 15°, 24° 30° and 36° beam angle options.



Example of Code:

ALT-M-08-W-3K-30-CL-0-0

Wattage:	8 W
Colour:	White
Colour Temp:	3000K
Beam Angle:	30°
Lens:	Clear
Dimming:	Fixed output
Emergency:	Not Required

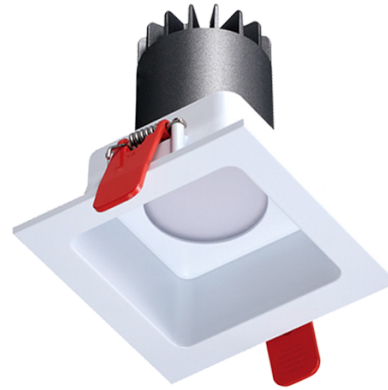


Alta Mini		
Power	8 W	12 W
Dimensions	90 x 90 x 100mm	Cutout: 80 x 80mm
Weight	0.7 kg	
Installation	Ceiling Tile/ Plasterboard	
Voltage	220-240Vac	100-240Vac

Performance		
Power	8 W	12 W
Exit Lumens (lm)	623 lm	747 lm
Efficiency	76.0 ll/cW	73.2 ll/cW
Beam Angle	15° / 24° / 30° / 36°	
Colour Rendering	Ra>82	
Colour Temperature	3000K / 4000K / 5000K	
Dimming	1-10V / DALI / Mains / Switch	
Operating Temp.	-40°C to 50°C	
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test	
Warranty	5 Years	

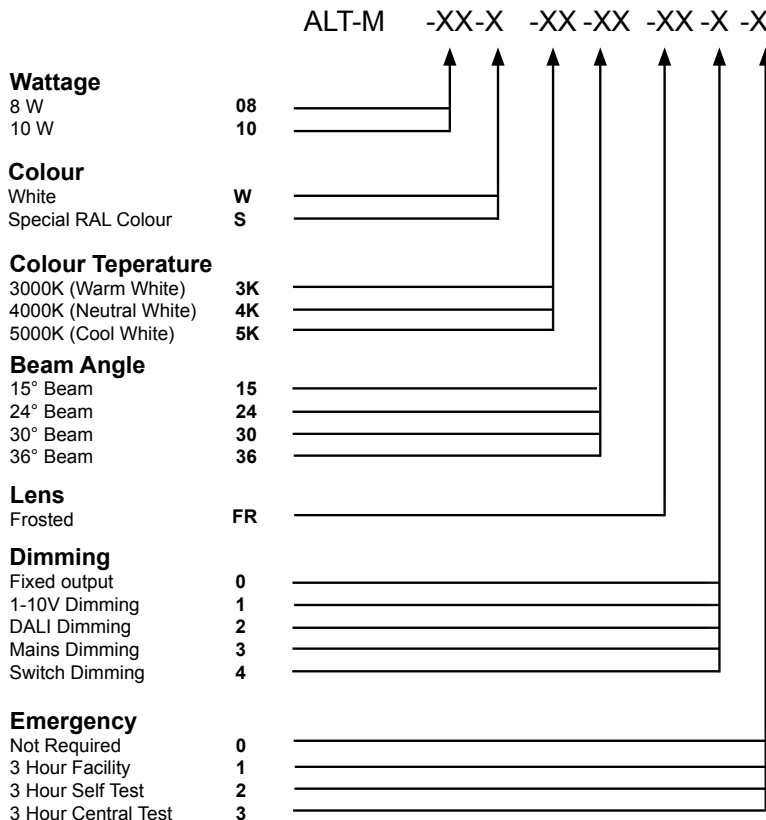
ALTA MINI IP

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta Mini IP LED is a 90 x 90mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cutoff which is also an aesthetically pleasing architectural detail.

The Alta Mini IP is available in 640lm and 800lm outputs with a 60° beam angle options. The Alta Mini IP is supplied with an IP44 frosted diffuser.



Example of Code:

ALT-M-08-W-3K-30-FR-0-0

Wattage:	8 W
Colour:	White
Colour Temp:	3000K
Beam Angle:	30°
Lens:	Frosted
Dimming:	Fixed output
Emergency:	Not Required

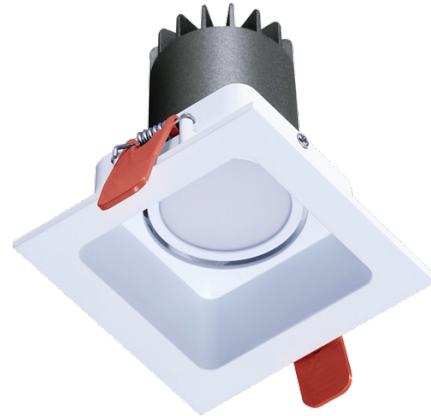


Alta Mini IP		
Power	8 W	12 W
Dimensions	90 x 90 x 100mm	Cutout: 80 x 80mm
Weight	0.7 kg	
Installation	Ceiling Tile/ Plasterboard	
Voltage	220-240Vac	100-240Vac

Performance		
Power	8 W	12 W
Exit Lumens (lm)	623 lm	747 lm
Efficiency	76.0 ll/cW	73.2 ll/cW
Beam Angle	60°	
Colour Rendering	Ra>82	
Colour Temperature	3000K / 4000K / 5000K	
Dimming	1-10V / DALI / Mains / Switch	
Operating Temp.	-40°C to 50°C	
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test	
Warranty	5 Years	

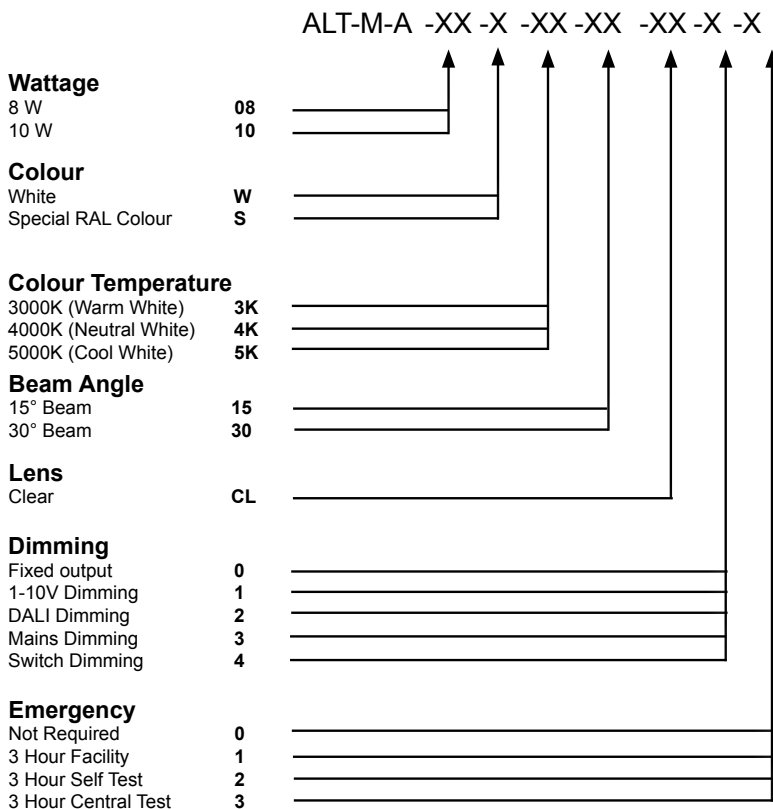
ALTA MINI ADJUSTABLE

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta Mini Adjustable LED is a 90 x 90mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with an adjustable aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cutoff which is also an aesthetically pleasing architectural detail.

The Alta Mini Adjustable is available in is available in 600lm and 750lm outputs with 15°, 24° 30° and 36° beam angle options. A version with a frosted diffuser is also available with a beam angle of 60°.



Example of Code:

ALT-M-A-08-W-3K-30-FR-0-0

Wattage:	8 W
Colour:	White
Colour Temp.:	3000K
Beam Angle:	30°
Lens:	Frosted Diffuser
Dimming:	Fixed output
Emergency:	Not Required

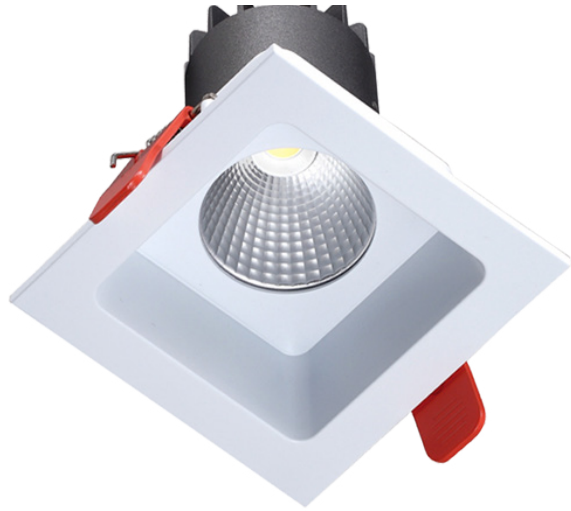


Alta Mini Adjustable		
Power	8 W	12 W
Dimensions	90 x 90 x 100mm	Cutout: 80 x 80mm
Weight	0.7 kg	
Installation	Ceiling Tile/ Plasterboard	
Voltage	220-240Vac	100-240Vac

Performance		
Power	8 W	12 W
Exit Lumens (lm)	623 lm	747 lm
Efficiency	76.0 ll/cW	73.2 ll/cW
Beam Angle	15° / 30°	
Colour Rendering	Ra>82	
Colour Temperature	3000K / 4000K / 5000K	
Dimming	1-10V / DALI / Mains / Switch	
Operating Temp.	-40°C to 50°C	
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test	
Warranty	5 Years	

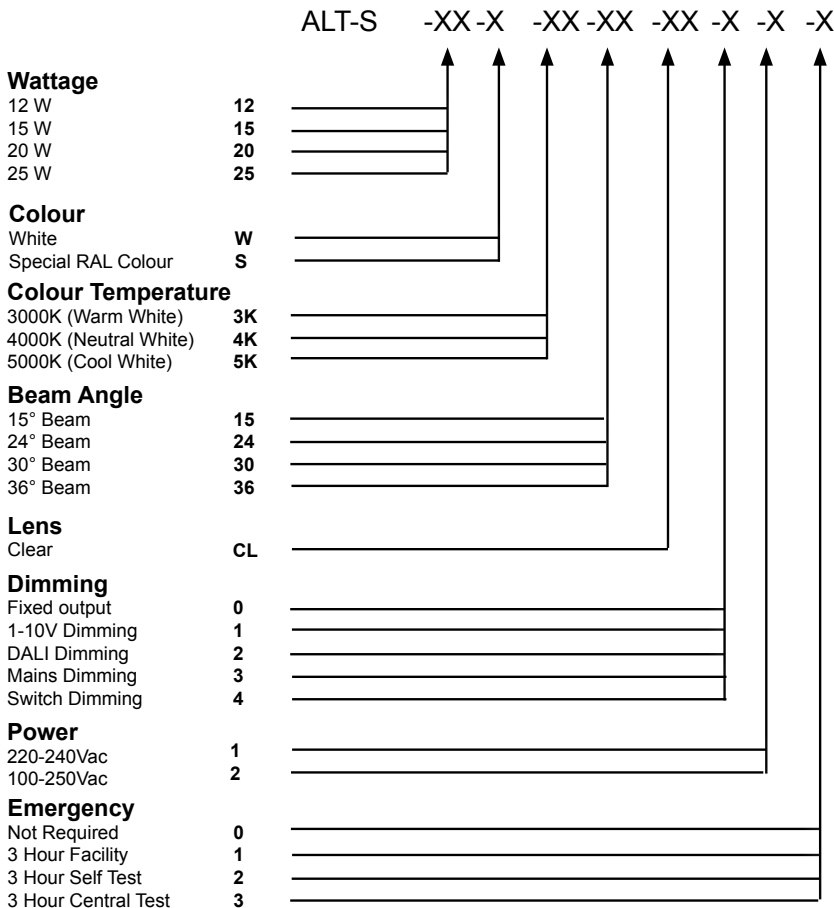
ALTA

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta LED is a 130 x 130mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cut-off which is also an aesthetically pleasing architectural detail.

The Alta is available in 960lm, 1200lm, 1600lm, and 2000lm outputs with 15°, 24°, 30° and 36° beam angle options. The downlight is supplied with an open bezel.



Example of Code:

ALT-S-12-W-3K-20-CL-0-1-0

Wattage:	12 W
Colour:	White
Colour Temp.:	3000K
Beam Angle:	20°
Lens:	Clear
Dimming:	Fixed output
Power:	220-240Vac
Emergency:	Not Required

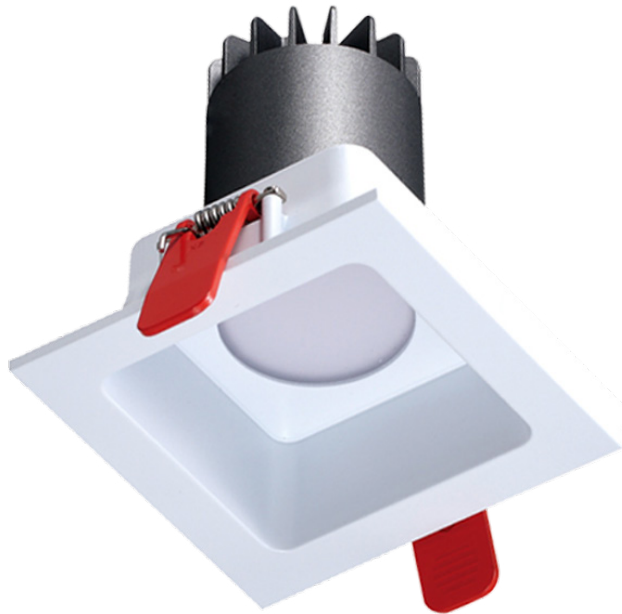


Alta				
Power	12 W	15 W	20 W	25 W
Dimensions	130 x 130 x 110mm		Cutout: 105 x 105mm	
Weight	0.9 kg			
Installation	Ceiling Tile/ Plasterboard			
Voltage	220-240Vac		100-240Vac	

Performance				
Power	12 W	15 W	20 W	25 W
Exit Lumens (lm)	960 lm	1,200	1,600 lm	2,000
Efficiency	80.0 ll/cW	80.0 ll/cW	80.0 ll/cW	80.0 ll/cW
Beam Angle	15° / 24° / 30° / 36°			
Colour Rendering	Ra>82			
Colour Temperature	3000K / 4000K / 5000K			
Dimming	1-10V / DALI / Mains / Switch			
Operating Temp.	-40°C to 50°C			
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test			
Warranty	5 Years			

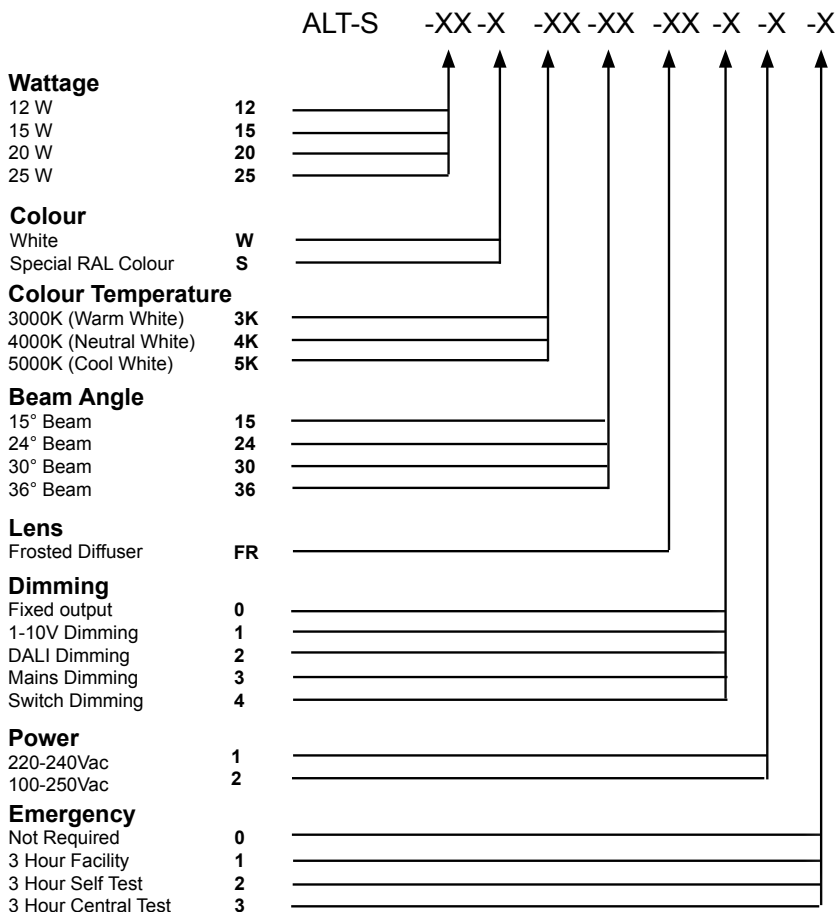
ALTA IP

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta IP LED is a 130 x 130mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cut-off which is also an aesthetically pleasing architectural detail.

The Alta IP is available in 960lm, 1200lm, 1600lm, and 2000lm outputs with a 60° beam angle options. The downlight is supplied with an IP44 frosted diffuser.



Example of Code:

ALT-S-12-W-3K-20-FR-0-1-0

Wattage:	12 W
Colour:	White
Colour Temp.:	3000K
Beam Angle:	20°
Lens:	Frosted Diffuser
Dimming:	Fixed output
Power:	220-240Vac
Emergency:	Not Required

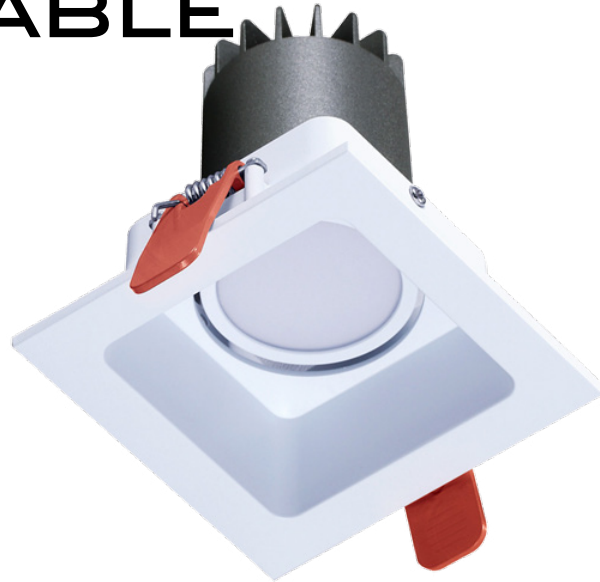


Alta IP				
Power	12 W	15 W	20 W	25 W
Dimensions	130 x 130 x 110mm		Cutout: 105 x 105mm	
Weight	0.9 kg			
Installation	Ceiling Tile/ Plasterboard			
Voltage	220-240Vac		100-240Vac	

Performance				
Power	12 W	15 W	20 W	25 W
Exit Lumens (lm)	960 lm	1,200	1,600 lm	2,000
Efficiency	80.0 ll/cW	80.0 ll/cW	80.0 ll/cW	80.0 ll/cW
Beam Angle	60°			
Colour Rendering	Ra>82			
Colour Temperature	3000K / 4000K / 5000K			
Dimming	1-10V / DALI / Mains / Switch			
Operating Temp.	-40°C to 50°C			
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test			
Warranty	5 Years			

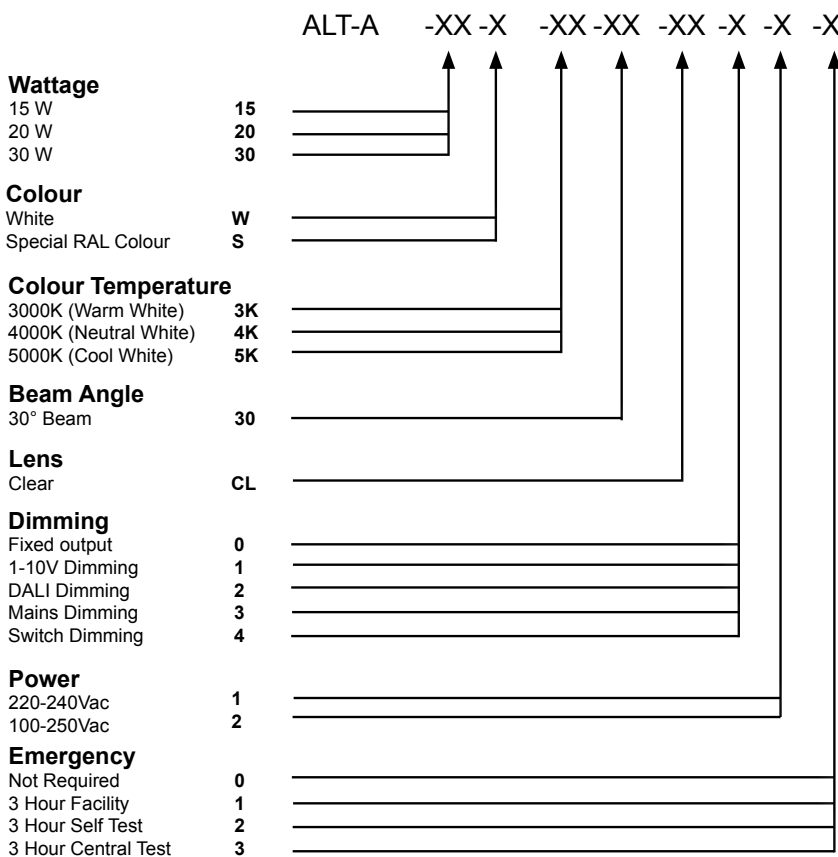
ALTA ADJUSTABLE

- CREE LED Engine
- Cast Aluminium
- Instant on - no flicker
- Environmentally Friendly - No mercury or lead enters the environment
- No RF and electronic magnetic interference
- Over 50,000 hours life span



The Alta Adjustable LED is a 130 x 130mm square downlight which uses a CREE LED engine. The heatsink is constructed from die-cast aluminium complete with an adjustable aluminium bezel and reflector. The bezel features a 40mm recess detail creating a glare friendly cut-off which is also an aesthetically pleasing architectural detail.

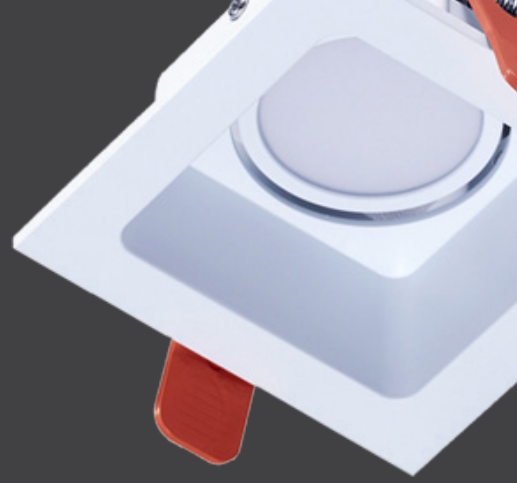
The Alta Adjustable is available in 1000lm, 1500lm and 2000lm outputs with a 30° beam angle.



Example of Code:

ALT-A-15-W-3K-30-CL-0-1-0

Wattage:	15 W
Colour:	White
Colour Temp.:	3000K
Beam Angle:	30°
Lens:	Clear
Dimming:	Fixed output
Power:	220-240Vac
Emergency:	Not Required



Alta Adjustable			
Power	15 W	20 W	30 W
Dimensions	130 x 130 x 110mm		Cutout: 105 x 105mm
Weight	0.9 kg		
Installation	Ceiling Tile/ Plasterboard		
Voltage	220-240Vac	100-240Vac	

Performance			
Power	15 W	20 W	30 W
Exit Lumens (lm)	1,000 lm	1,500 lm	2,000 lm
Efficiency	66.6 ll/cW	75.0 ll/cW	66.6 ll/cW
Beam Angle	15° / 24° / 30° / 36° / 60°		
Colour Rendering	Ra>82		
Colour Temperature	3000K / 4000K / 5000K		
Dimming	1-10V / DALI / Mains / Switch		
Operating Temp.	-40°C to 50°C		
Emergency	3 Hour Facility 3 Hour Self Test 3 Hour Central Test		
Warranty	5 Years		

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