



Coda Collection

Coda is a cohesive collection of Landscape Furniture, lighting and signage elements that has derived from our extensive experience of public realm innovation and regeneration. Building upon the successful legacy of our bestselling Geo range, we have collaborated with leading designer Alex Lifschutz, and his team at LDS once more, to conceive a modern urban design classic.



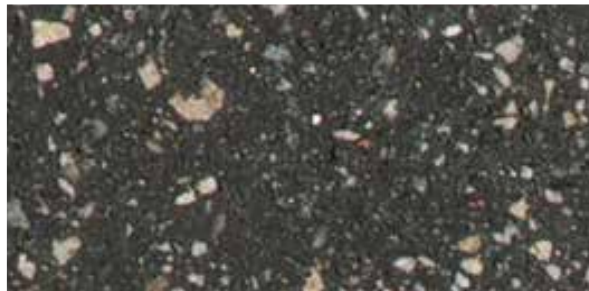
Iroko Timber



Silver Grey



Mid Grey



Anthracite

Concrete Colour Options

KEY BENEFITS:

- Contemporary, slim line concrete design
- Subtle form, yet supremely robust and functional
- Available in three complementary concrete colours for design flexibility and to coordinate with Marshalls Metrolinia and Conservation paving
- Iroko timber – a durable untreated timber that is long lasting and delivers long term value
- Options available including armrests, backrests

TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

The seating elements in the Coda collection are manufactured from wet cast concrete with Iroko timber slats. Optional armrest configurations are available in steel and are BS EN1461 certified to protect against erosion, for a long and maintenance free life.

FINISHING

The wet cast concrete frame and legs have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature 'Coda slash', a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

Optional armrests are finished in RAL 9007 'Grey Aluminium.' The Iroko timber used in the collection is untreated due to its very durable composition.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied. Both the powder coated surfaces and timber elements can be cleaned easily using mild detergents and warm water. Alternatively the timber and steel elements can be easily replaced if necessary.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

INSTALLATION

All seating products are root fixed for secure installation.

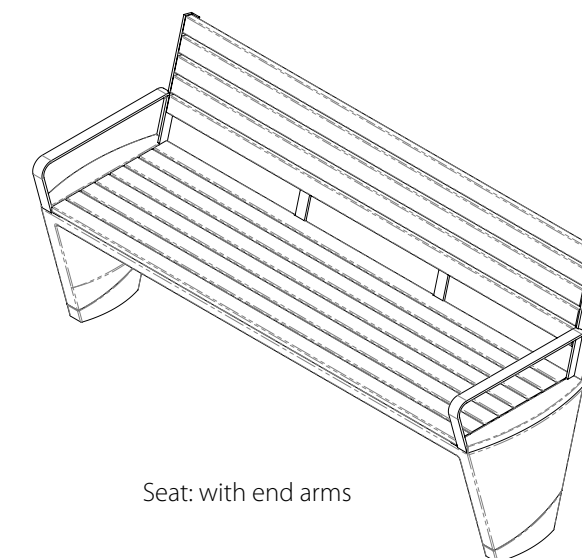
OPTIONS AVAILABLE:

Seat

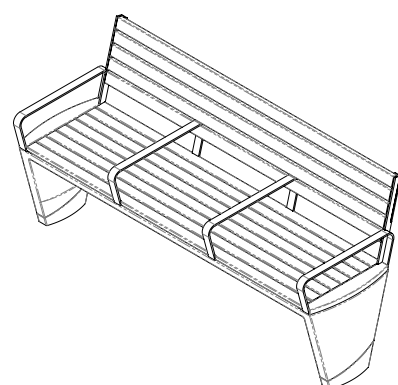
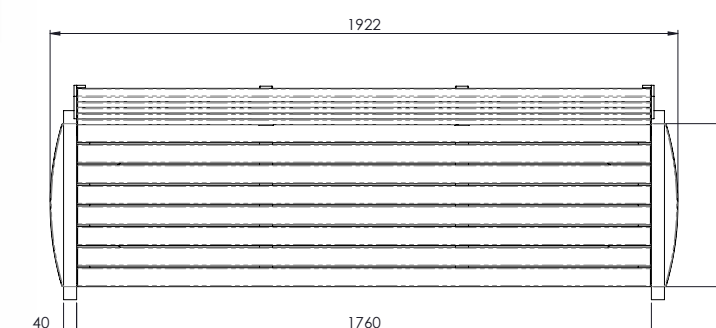
Dimensions: L 1905 mm, H 920 mm, D 665 mm

Weight: 255 kg

*Dimensions for seat with end arms

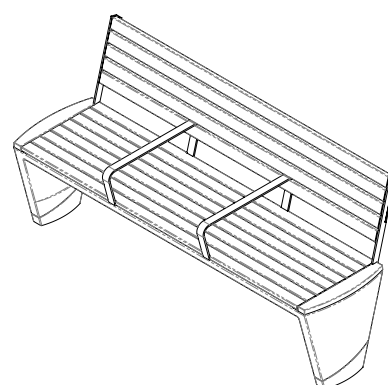


Seat: with end arms



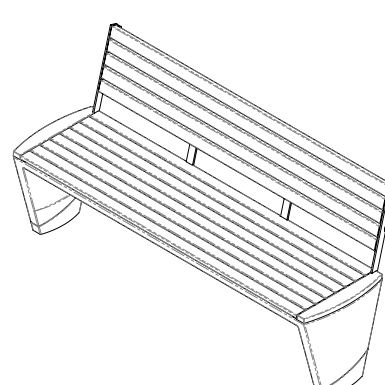
Seat: with all arms

Dimensions:
L 1905 mm
H 920 mm
W 665 mm
Weight 265 kg



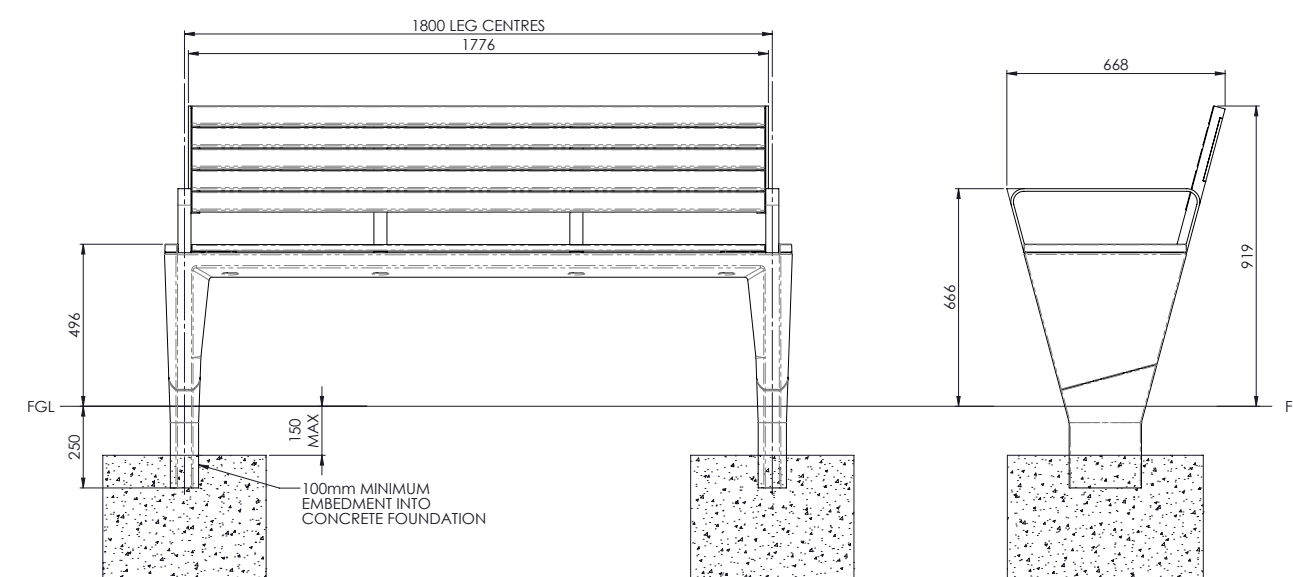
Seat: with middle arms

Dimensions:
L 1905 mm
H 920 mm
W 665 mm
Weight 265 kg



Seat: plain

Dimensions:
L 1905 mm
H 920 mm
W 615 mm
Weight 250 kg



TECHNICAL BREAKDOWN

CODA COLLECTION

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FINISHING

The wet cast concrete frame and legs have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature 'Coda slash', a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

Optional armrests are finished in RAL 9007 'Grey Aluminium.' The Iroko timber used in the collection is untreated due to its very durable composition.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied. Both the powder coated surfaces and timber elements can be cleaned easily using mild detergents and warm water. Alternatively the timber and steel elements can be easily replaced if necessary.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

INSTALLATION

All seating products are root fixed for secure installation.

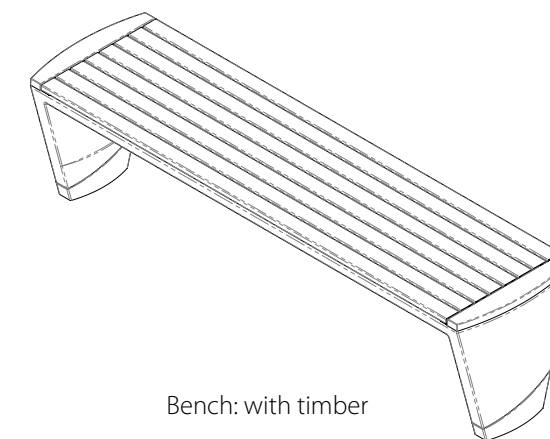
OPTIONS AVAILABLE:

Bench

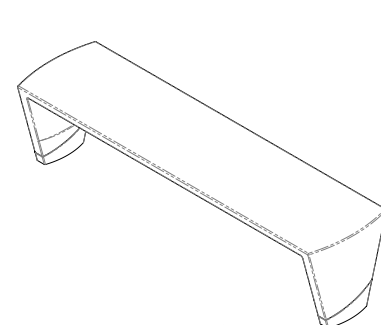
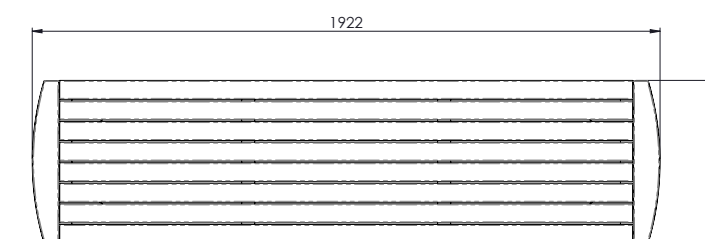
Dimensions: L 1905 mm, H 495 mm, D 500 mm

Weight: 240 kg

*Dimensions for bench with timber

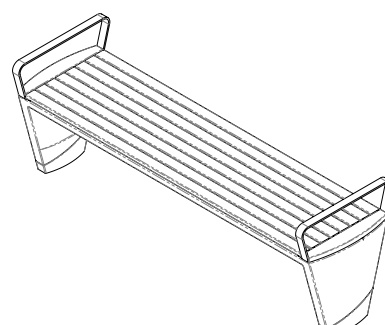


Bench: with timber



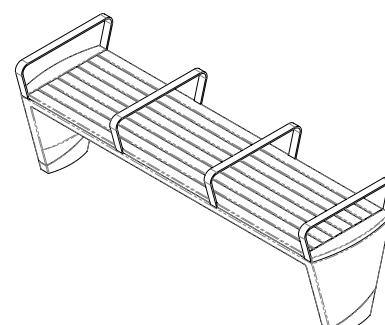
Bench: without timber

Dimensions:
L 1905 mm
H 470 mm
W 500 mm
Weight 225 kg



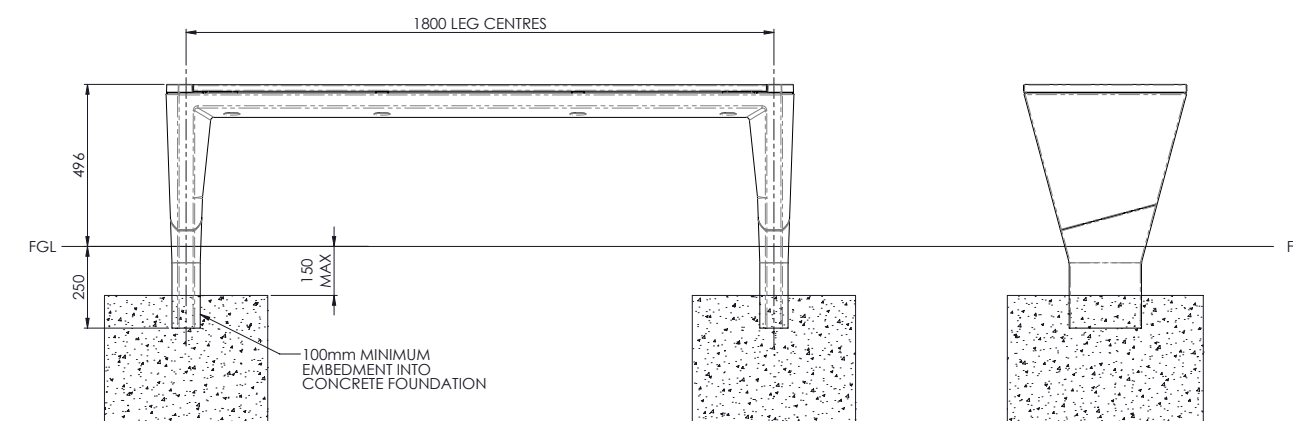
Bench: end arms

Dimensions:
L 1905 mm
H 665 mm
W 600 mm
Weight 245 kg



Bench: all arms

Dimensions:
L 1905 mm
H 665 mm
W 600 mm
Weight 255 kg



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

The seating elements in the Coda collection are manufactured from wet cast concrete with Iroko timber slats. Optional armrest configurations are available in steel and are BS EN1461 certified to protect against erosion, for a long and maintenance free life.

FINISHING

The wet cast concrete frame and legs have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature ‘Coda slash’, a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

Optional armrests are finished in RAL 9007 ‘Grey Aluminium.’ The Iroko timber used in the collection is untreated due to its very durable composition.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied. Both the powder coated surfaces and timber elements can be cleaned easily using mild detergents and warm water. Alternatively the timber and steel elements can be easily replaced if necessary.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

INSTALLATION

Choice of root fixed or sub surface mount installation options are available for secure installation in the most challenging public spaces.

OPTIONS AVAILABLE:

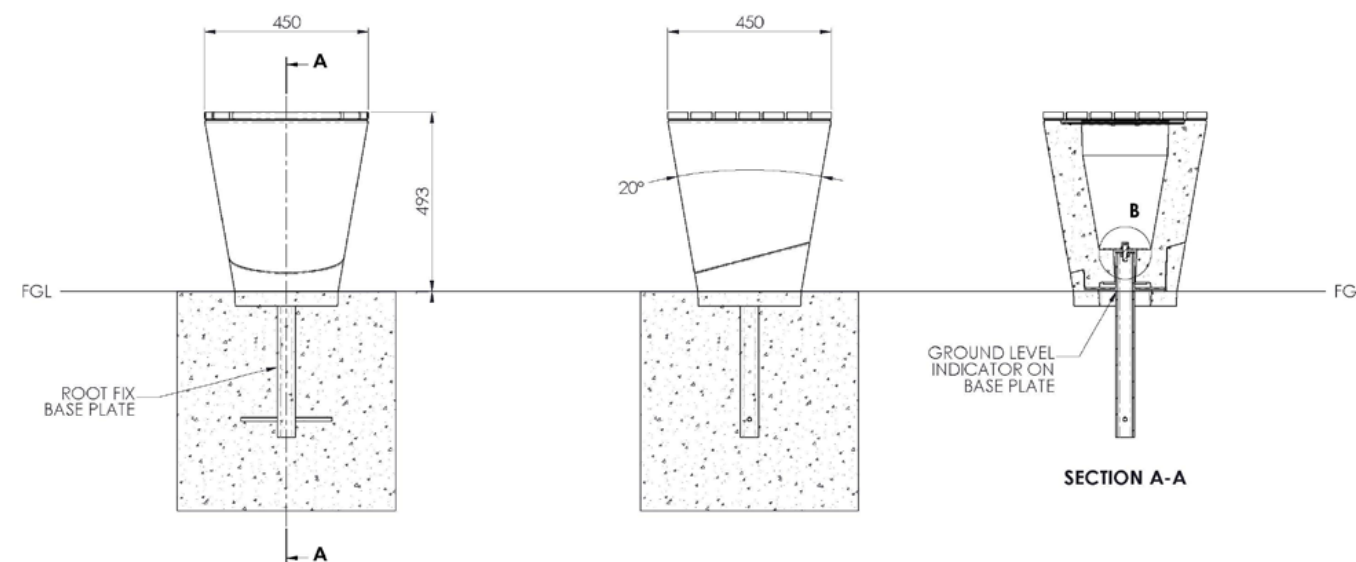
Stool

Dimensions: L 450 mm, H 495 mm, D 450 mm

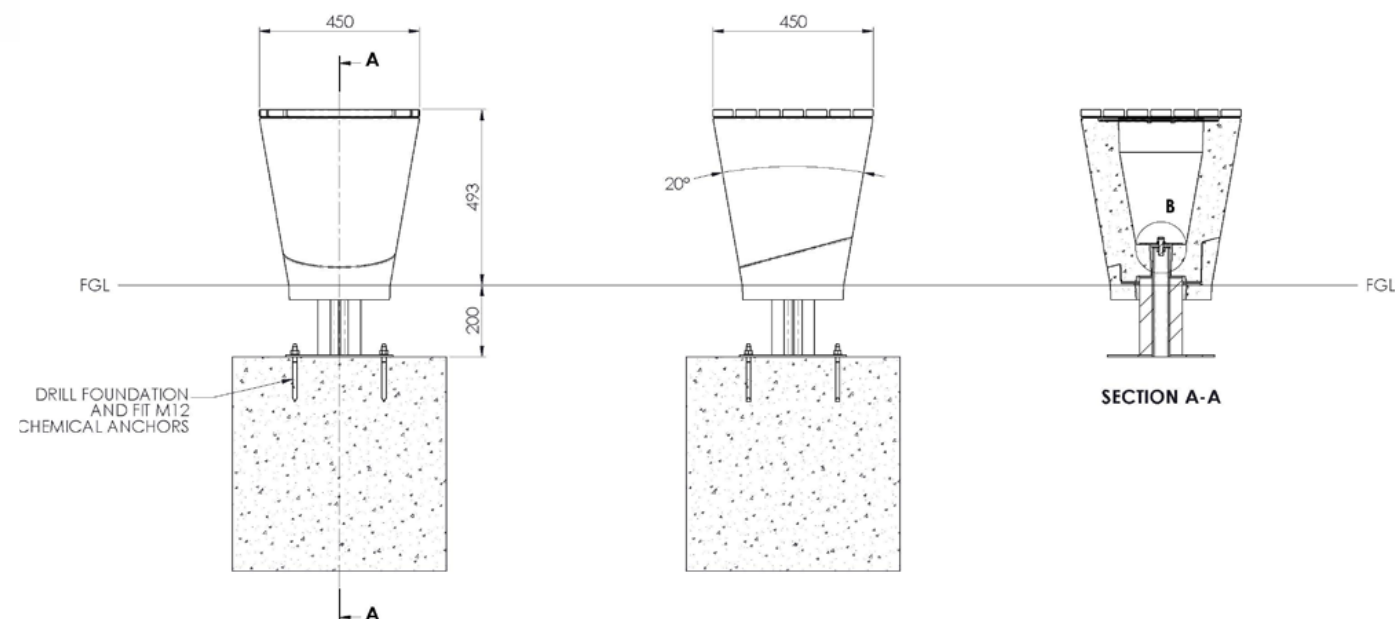
Weight: 100 kg



Root fix option



Sub surface mount option



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

Manufactured from wet cast concrete

FINISHING

The wet cast concrete components have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature Coda slash, a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied.

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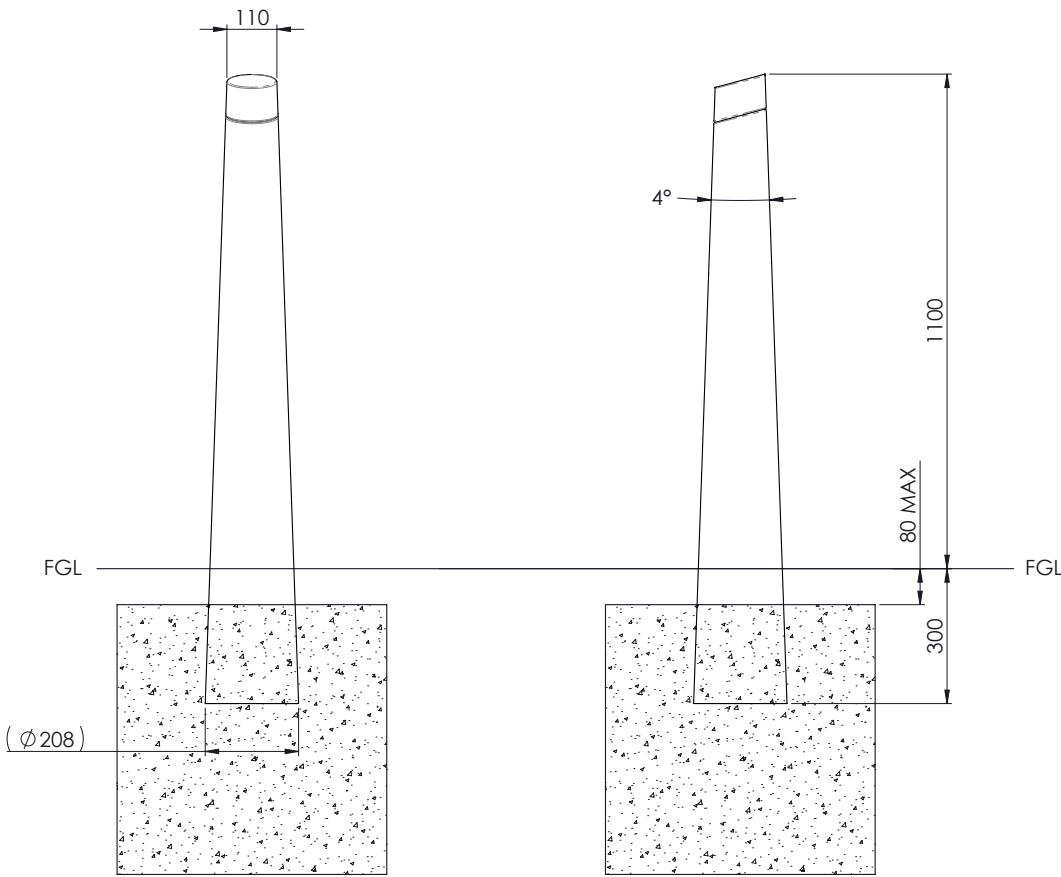
INSTALLATION

Root fixed for secure installation.

OPTIONS AVAILABLE:

Bollard

Dimensions: H 1100 mm, W 110 mm
Weight: 70 kg



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

A wet cast concrete frame combined with a removable, draining polyethylene liner.

FINISHING

The wet cast concrete components have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature ‘Coda slash’, a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

The galvanised steel elements are painted in RAL 9007 ‘Grey Aluminium’ to coordinate with the seat armrests.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied.

The litter bin liner is locked in for security, has an angular design and is self-draining which allows easy removal for the cleaning cycle.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

INSTALLATION

Choice of root fixed or sub surface mount installation options are available for secure installation in the most challenging public spaces.

OPTIONS AVAILABLE:

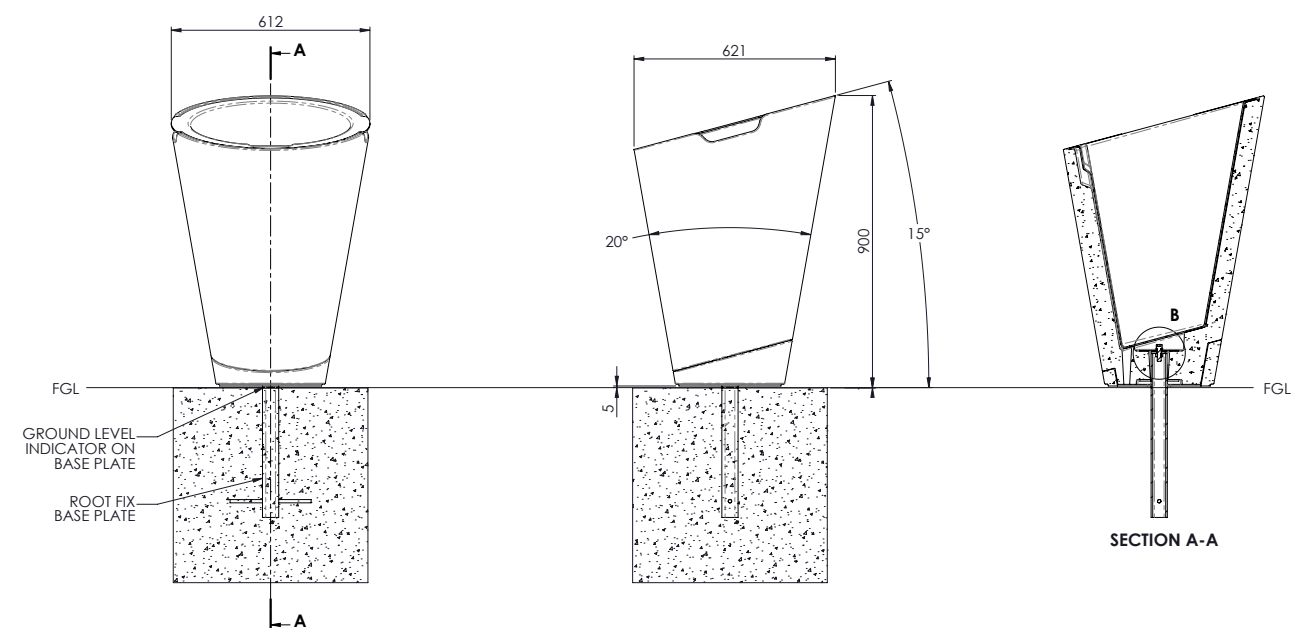
Litter Bin

Dimensions: H 900 mm, W 610 mm, D 620 mm

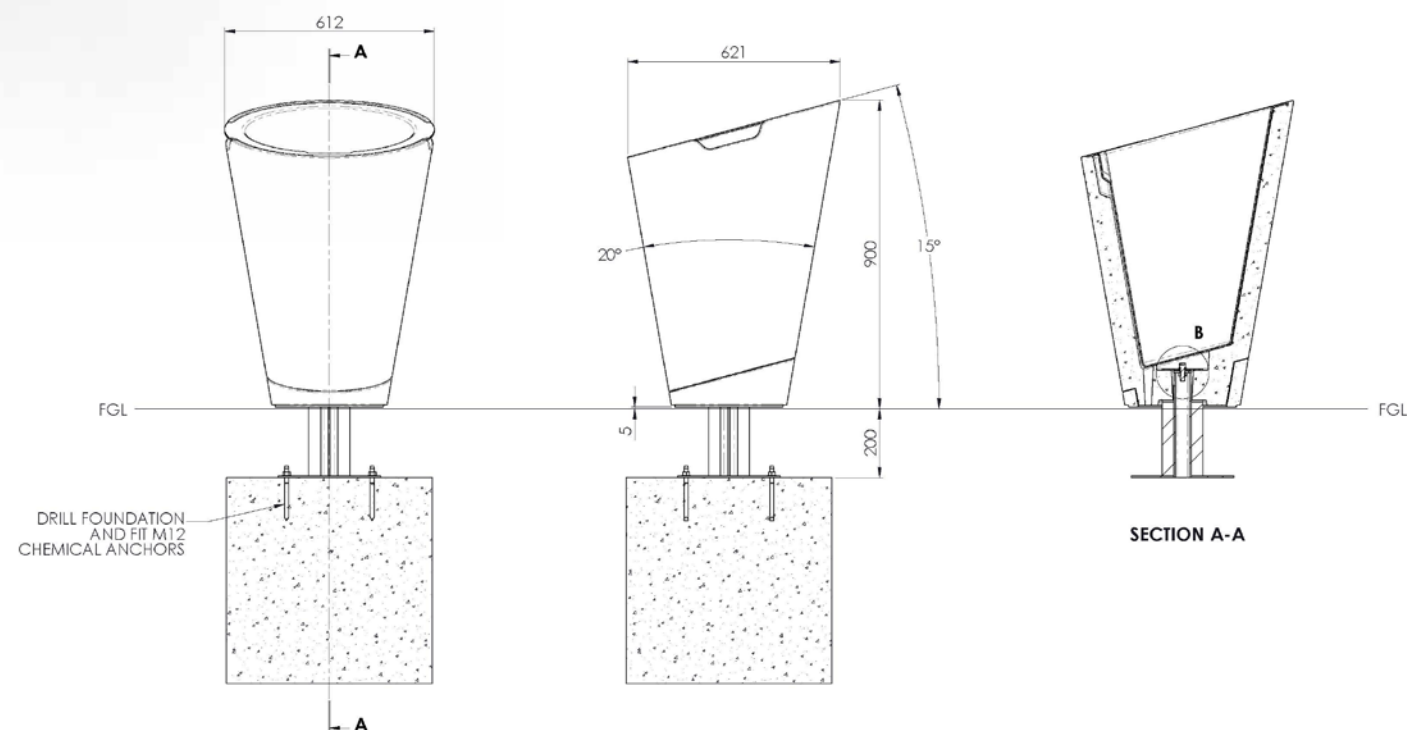
Weight: 160 kg, Capacity (litres) 80



Root fix option



Sub surface mount option



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

Formed in BS EN1461 galvanised steel to protect against erosion, for a long and maintenance free life. A concrete base adds a complimentary detail.

FINISHING

The galvanised steel elements are painted in RAL 9007 'Grey Aluminium' to coordinate with the seat armrests.

The wet cast concrete components have an etched finish and are available in three colour tones – silver grey, mid grey and anthracite. Each option is available with the signature 'Coda slash', a two tone contrasting colour detail which can aid DDA compliance and mask low level street dirt. Factory applied ProtectGuard coating protects against graffiti, dirt and staining, limits chewing gum adhesion, moss and lichen growth and enables easier cleaning.

MAINTENANCE

The robust materials should require little maintenance. However should repair be required, a colour matched concrete repair kit can be supplied. The powder coated surfaces be cleaned easily using mild detergents and warm water. Alternatively the steel elements can be easily replaced if necessary.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

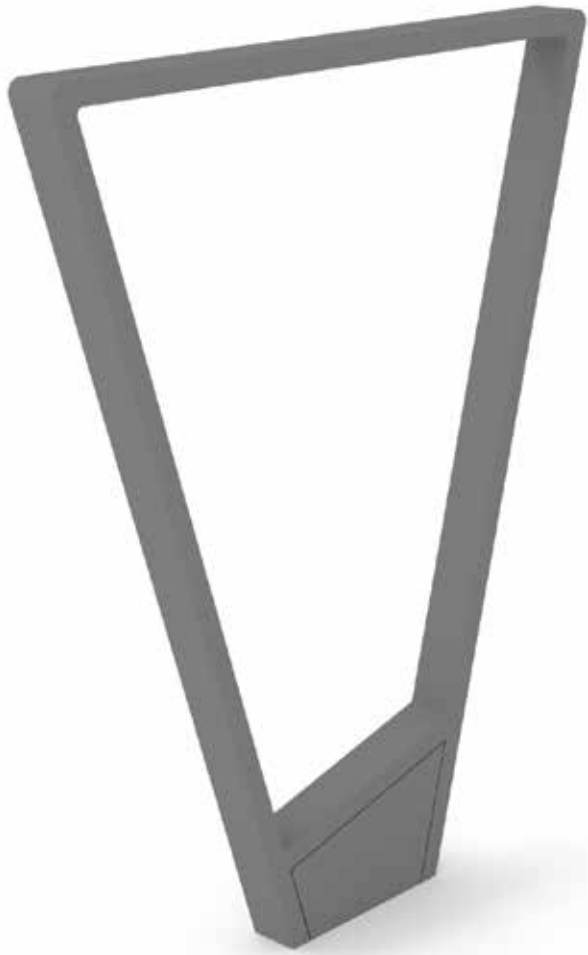
INSTALLATION

Choice of root fixed or sub surface mounted for solidity in locations where there is a restricted depth of foundation.

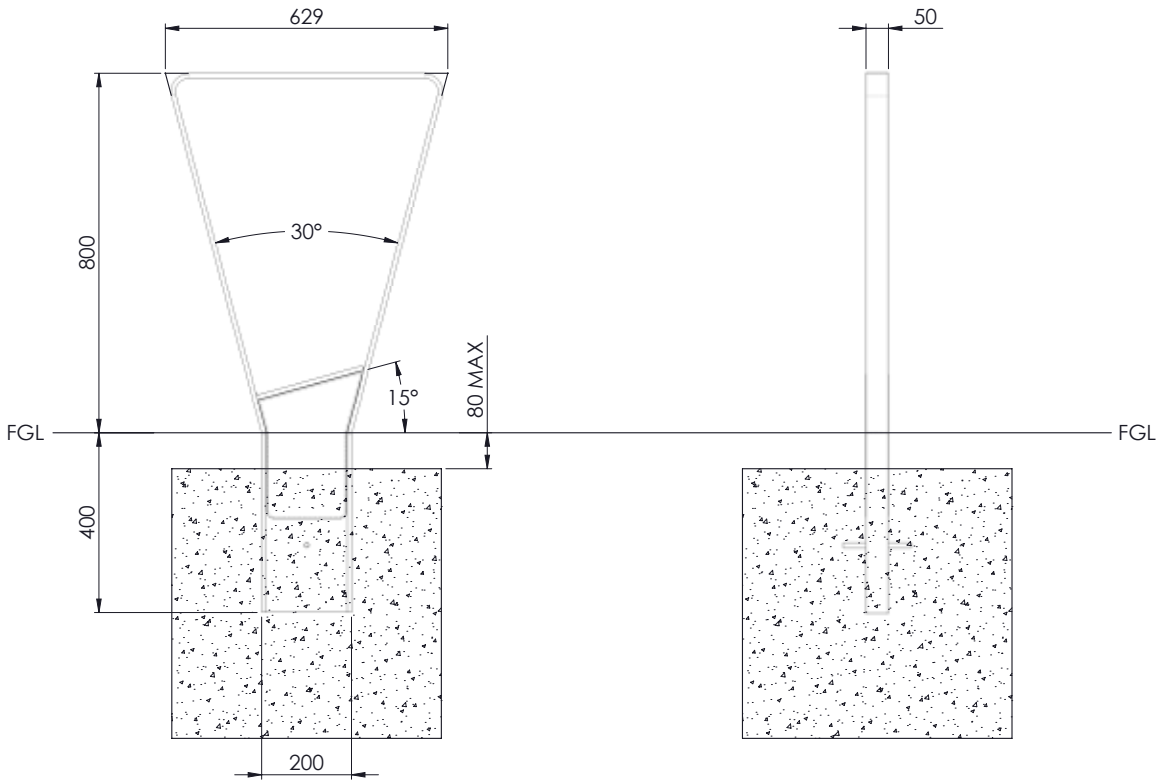
OPTIONS AVAILABLE:

Cycle Stand

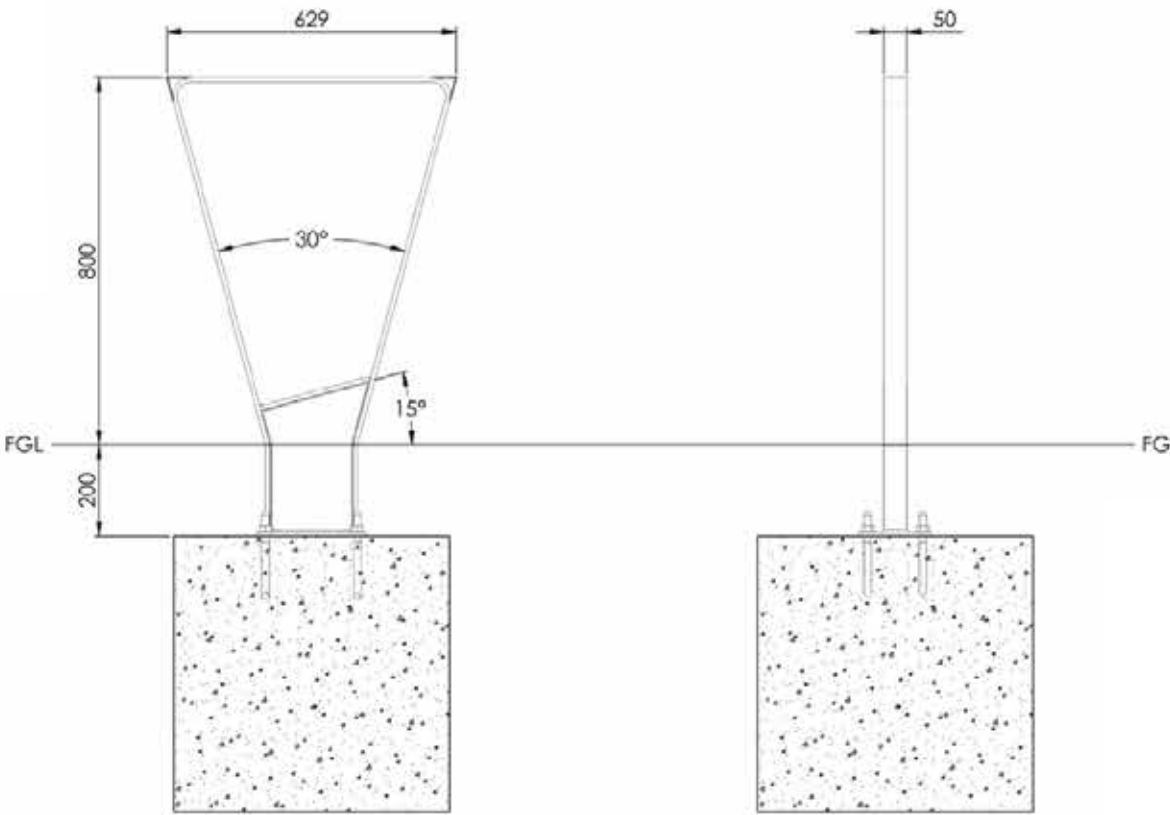
Dimensions: H 800 mm, W 630 mm, D 50 mm
Weight: 20 kg



Root fix option



Sub surface mount option



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

The fingerpost is manufactured from aluminium with engraved lettering hand painted in any RAL colour on the fingers.

FINISHING

A choice of durable polyester powder coating options give a long lasting finish. A coordinating Coda concrete finial and anodised painted post can be specified or the fingerpost is versatile enough to accommodate any custom colour and finial detail.

A maximum of 10 fingerposts can be configured across 8 points of the compass. Lettering on each of these fingerposts is engraved and hand painted giving high quality and robust finish.

MAINTENANCE

The powder coated surfaces can be cleaned easily using mild detergents and warm water.

Please refer to the operations and maintenance manual on the Marshalls website for more information.

INSTALLATION

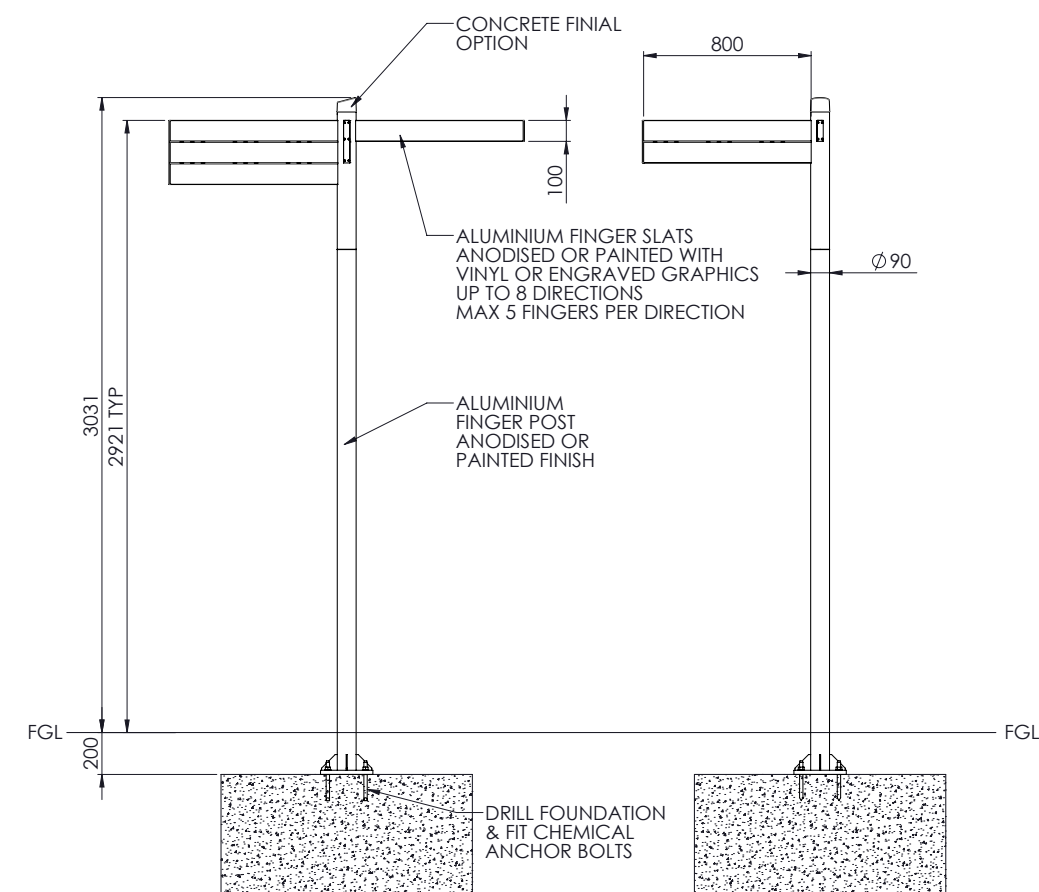
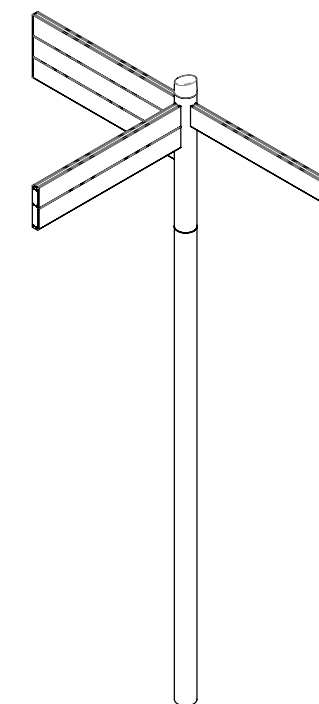
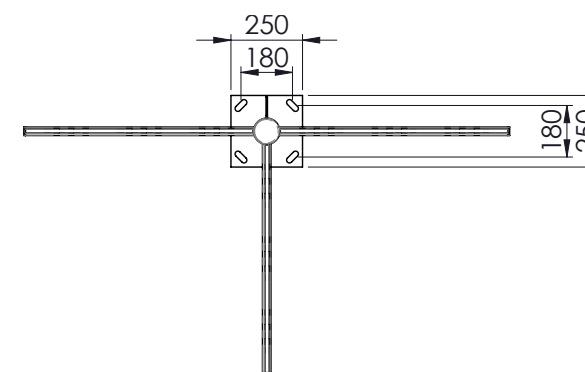
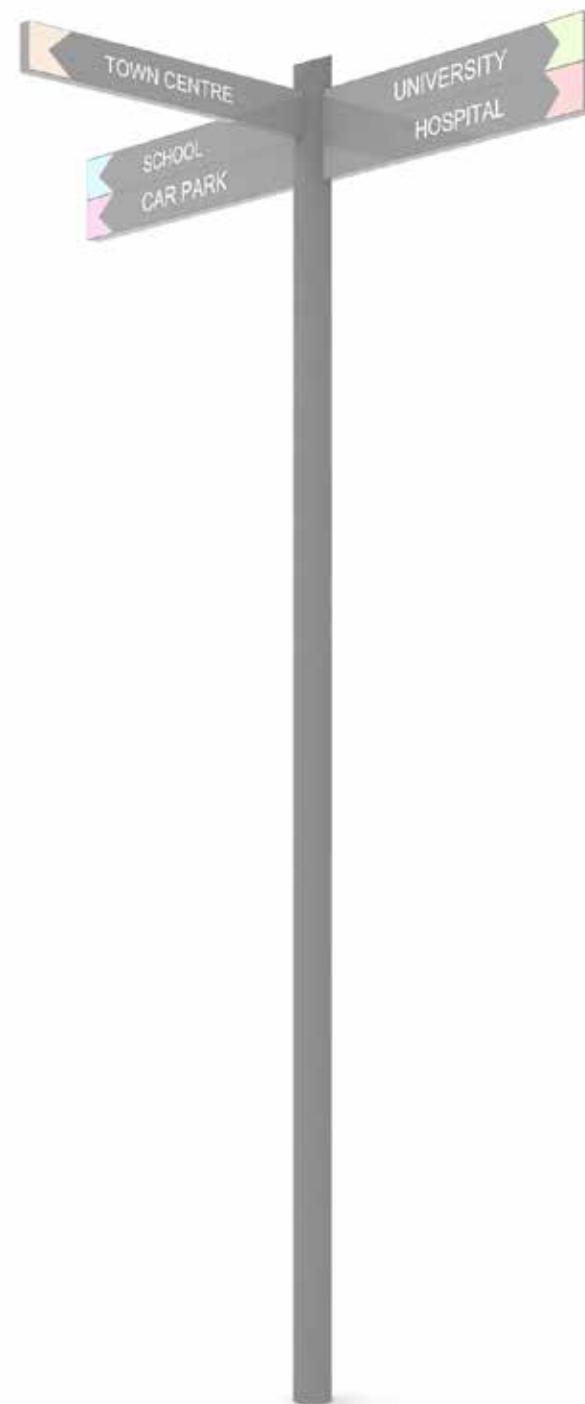
The finger post is available for either root fixing or sub surface mount.

OPTIONS AVAILABLE:

Finger Post

Dimensions: H 3050 mm

Weight: 60 kg



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL

The Monolith comprises of a galvanised steel frame, aluminium logo and base panels, with a reverse applied vinyl on toughened glass

FINISHING

A coordinating Coda concrete base detail insert and painted frame can be specified or the monolith is versatile enough to accommodate any custom colour and branding detail.

The sign can be configured to your bespoke dimensions, in a wide variety of material finishes and colours with a full suite of technological integration. This integration can include WiFi, proximity sensing, LED lighting, Near Field Communication (NFC), screens and more.

MAINTENANCE

The powder coated surfaces can be cleaned easily using mild detergents and warm water.

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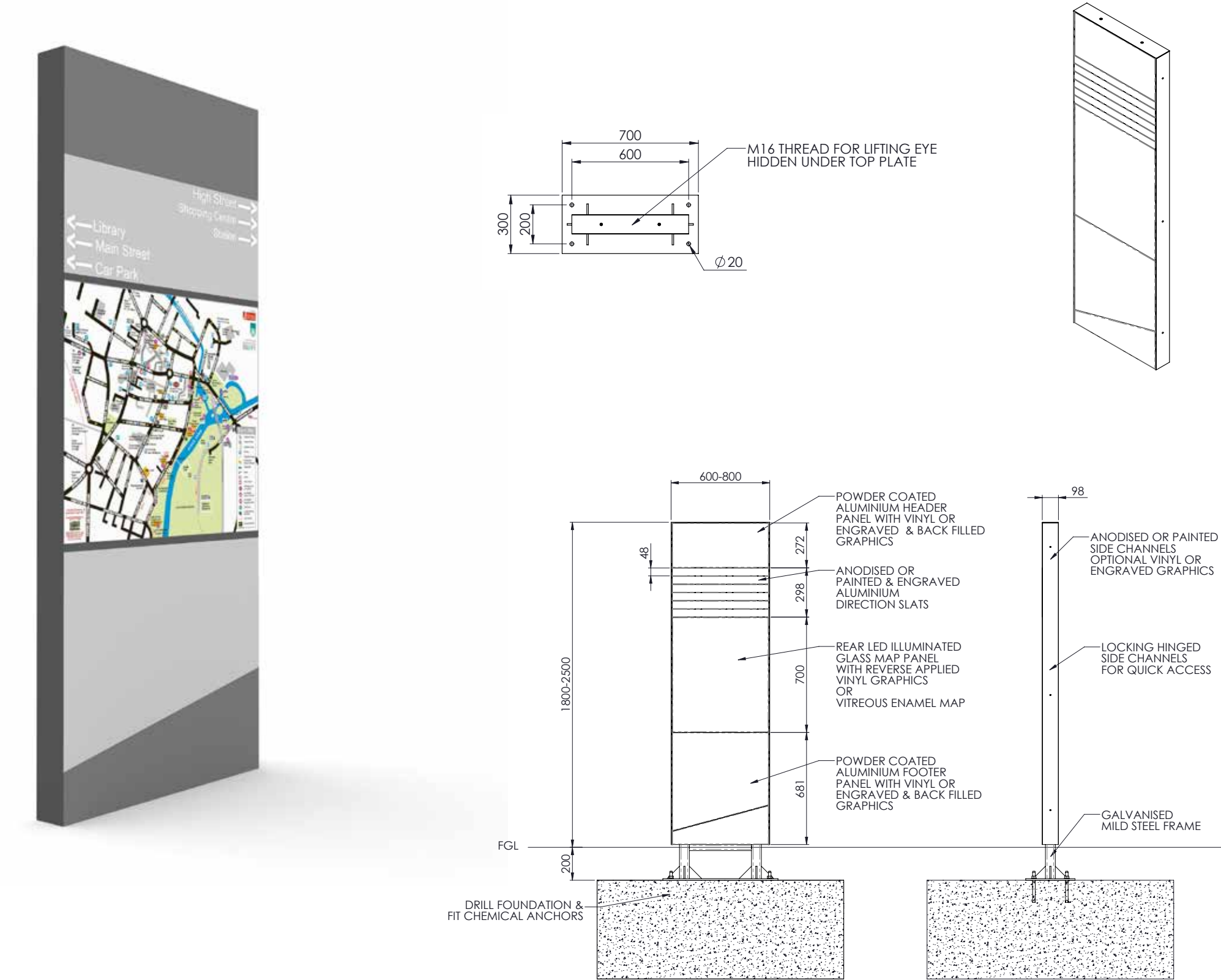
INSTALLATION

The Monolith is available in sub surface mount.

OPTIONS AVAILABLE:

Monolith

Dimensions: H 1800 - 3000 mm
Weight: Varies



TECHNICAL BREAKDOWN

CODA COLLECTION

MATERIAL / FINISHING

The main body extrusion is made from 6063 T66 Aluminium alloy, anodised AA25 with a non-fade electrolytic dye, and the bracket and cover castings are LM6 with a polyester powder RAL 7046 coating over a chromatic substrate. All ensuring that the luminaire will stay sharp and looking good for years to come.

TECHNICAL DETAIL

The Coda design houses modules of six LEDs which are then assembled into the luminaire according to required light levels, ensuring visual and performance consistency for large street lighting schemes.

The LED running current can also be specified according to design requirements from 350mA, for low power applications with maximum efficiency, up to 2100mA for the highest light levels, all in one cleverly designed and highly flexible luminaire package.

The standard colour temperature of Coda is Neutral White, 5000K. Alternatively, if your scheme requires a warmer feel then the luminaire is available at 4000K or 3500K.

The recommended mounting heights are between 5m and 8m allowing for a wide range of spacing flexibility.

MAIN FEATURES:

Six Running Currents

Specify between 350mA and 2100mA for the perfect balance between efficiency and lumen output

Colour Temperature

Standard temperature is Neutral White 5000K or specify 4000K or 3500K to match your lighting standards

Modular Design

1, 2, 3 or 4 replaceable LED modules allowing a variety of lighting specifications

72 Lighting Options

From a 7W single module unit running 350mA for the smallest pathway to a 180W 4 module luminaire running at 2100mA for demanding roadway applications

Full Cut-Off Lantern

No light emitted above the horizontal

Hinged Tool-Less Gear Cover

Ingress protection assured by IP67 rated control gear and IP66 rated LED modules

Colour Contrast

Black anodised cooling blades with a Telegrey 2 RAL 7046 body

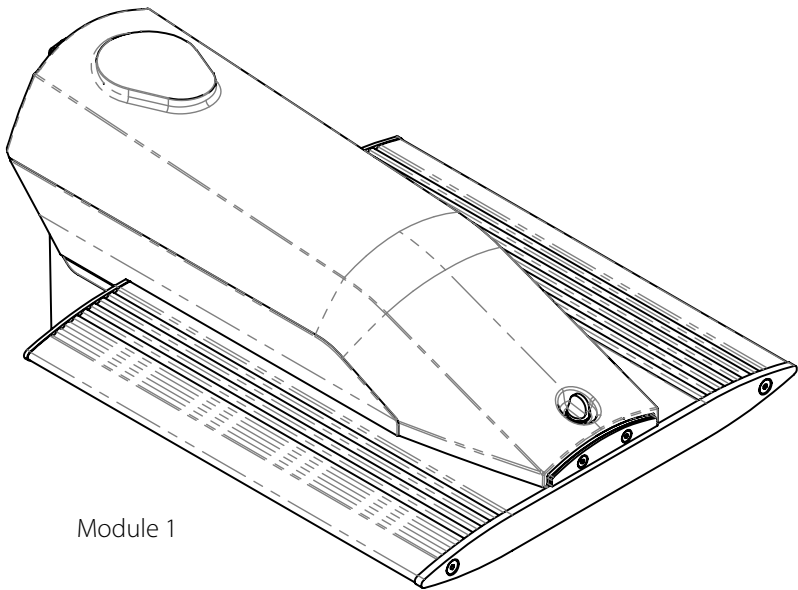
Miniature Photocell

Also NEMA socket photocell compatible

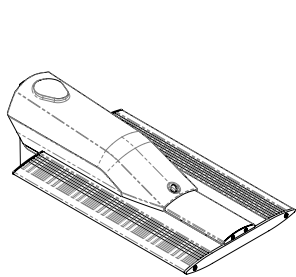
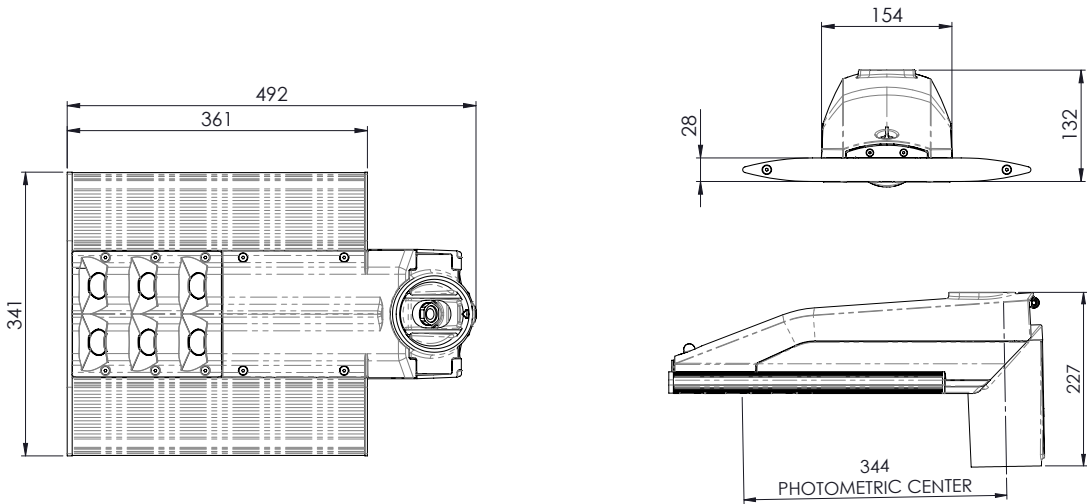
Side Entry or Post Top Fitting

60mm for post top and side entry 76mm available for post top fitting

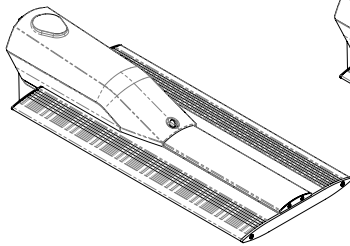
- Hinged gear cover allows easy access to the power supply module.
- Remote control gear optional.
- Revolutionary heatsink design (Patent Pending)
- Independently tested and verified by Lux TSI
- LUX Awards 2013 COMMENDED



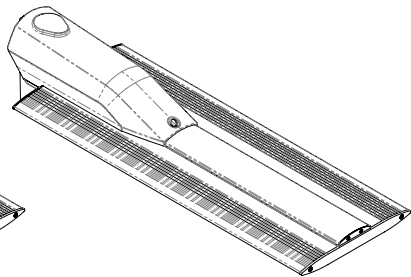
Module 1



Module 2



Module 3



Module 4

Note: Side entry variants are also available for more information please contact the Landscape Furniture sales team on 0370 990 1504.

Drive Current	Measurement	1 Module	2 Module	3 Module	4 Module
350 (mA)	Electrical Power	6.9W	13.9W	20.8W	27.7W
	Flux	620	1,180	1,770	2,360
	Lm/W	89.5	85.1	85.1	85.2
700 (mA)	Electrical Power	14.0W	27.9W	39.6W	52.8W
	Flux	1,240	2,360	3,530	4,710
	Lm/W	88.9	84.6	89.2	89.3
1050 (mA)	Electrical Power	21.3W	40.7W	61.0W	81.3W
	Flux	1,740	3,300	4,950	6,600
	Lm/W	81.8	81.1	81.1	81.2
1400 (mA)	Electrical Power	28.9W	54.7W	81.1W	108.1W
	Flux	2,230	4,240	6,360	8,480
	Lm/W	77.1	77.6	78.4	78.4
1750 (mA)	Electrical Power	37.0W	68.3W	102.5W	136.6W
	Flux	2,710	5,140	7,710	10,280
	Lm/W	73.2	75.2	75.2	75.2
2100 (mA)	Electrical Power	47.4W	91.7W	134.5W	179.3W
	Flux	3,100	5,880	8,830	11,770
	Lm/W	65.3	64.1	65.6	65.6