

UNIPART

Performance in motion

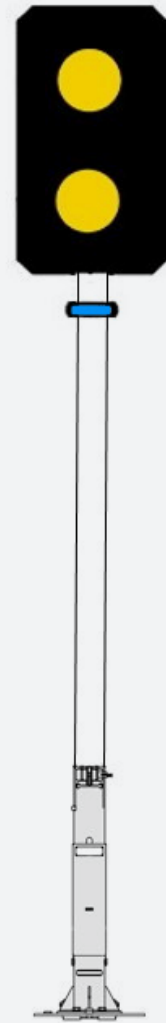
UNIPART
DORMAN

CLS LITE



The CLS LITE was developed in response to an urgent customer need for a Medium Range Narrow Beam signal capable of being installed into a conventional structure.

It uses the second generation Red, Yellow, Green Module with the addition of a second Yellow only module to give 4 aspects, all of which can be flashed by the interlocking. CLS LITE are classed as Maintenance Free signals in the ROSE Report as long as the lens is exposed to free falling rain.

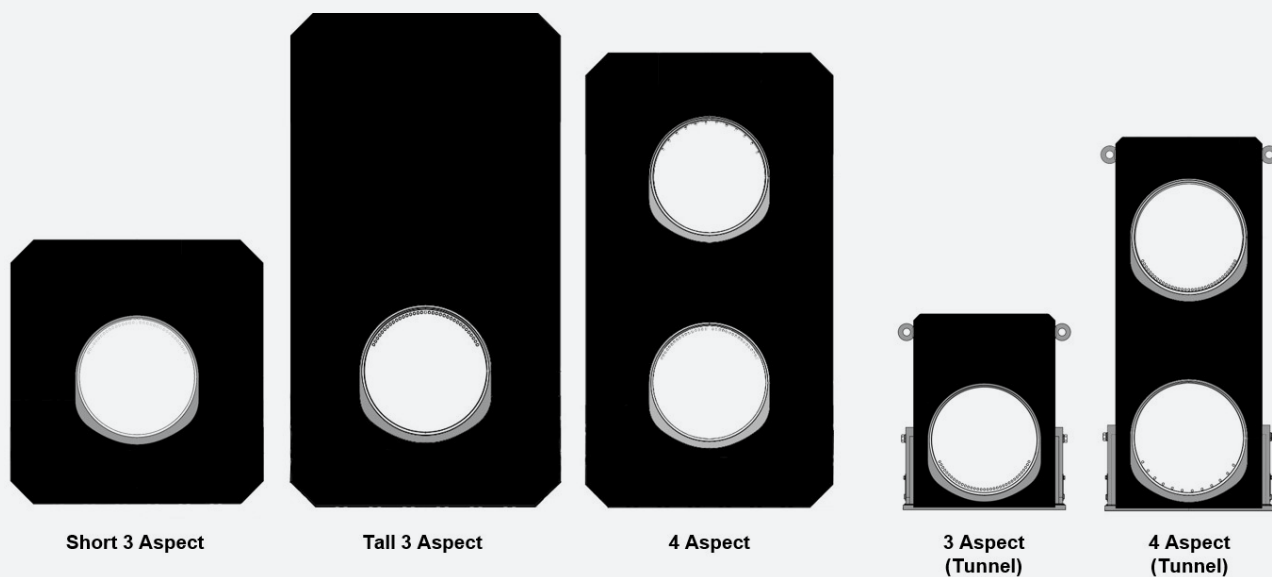


Performance Characteristics

Product Approval Certificate	PA05/04240 PA05/06503 (ALT/HD ALT versions only)
Nominal Operating Voltage	110 Vac or 120 Vdc
Operating Voltage Range AC	88-121 V
Operating Voltage Range DC	88-145 V
Nominal Operating Current	300 mA at 110Vac
Electrical Connector Type	MIL 5015 Plug Coupler to Network Rail Drawing T00036
Ingress Protection Rating	IP 65
Operating Temperature Range	-25°C to +40°C
Readability	800m (Long Range) 400m (Medium)
Viewable Angle	+/- 3° (Long Range and Medium Range Narrow Beam) +/- 10° (Medium Range Wide Beam)
Product Weight	4 Aspect Head 32Kg 3 Aspect Tall Head 28Kg 3 Aspect Short Head 22Kg Module only 5.5Kg
For product instructions and dimensioned drawings please visit:	www.unipartdorman.co.uk

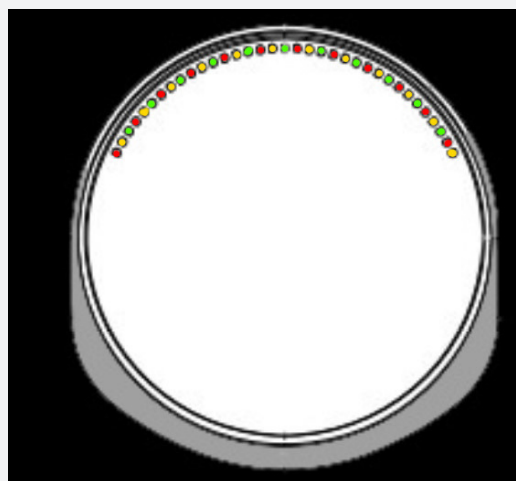
Product Configuration

Different head types can be specified as shown below and are fitted with either long or medium range modules. A range of visors, backboards and other accessories are also available.

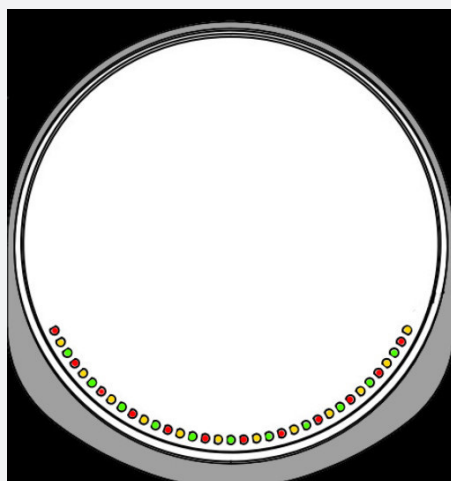


Close Up Viewing

Because there is no 'Hot Strip' on the lens, an additional row of LEDs are fitted around the display which mimic the main aspect colour as shown below.



UHQ for signals mounted
>2.75m above the running rail



BHQ for signals mounted
<2.75m above the running rail

Product Configuration

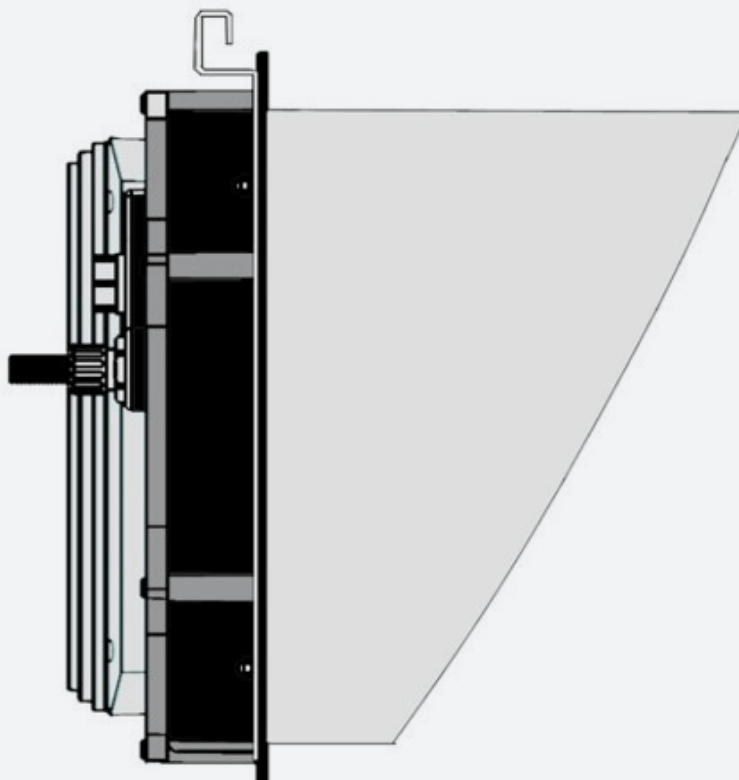
The Modules can be specified in one of three beam categories:

Long Range - 800m +/- 3°

Medium Range Wide Angle Beam - 400m +/- 10°

(Medium Range Narrow Angle Beam - 400m +/- 3°

Please ensure you order the correct module as the lens configuration cannot be changed in the field



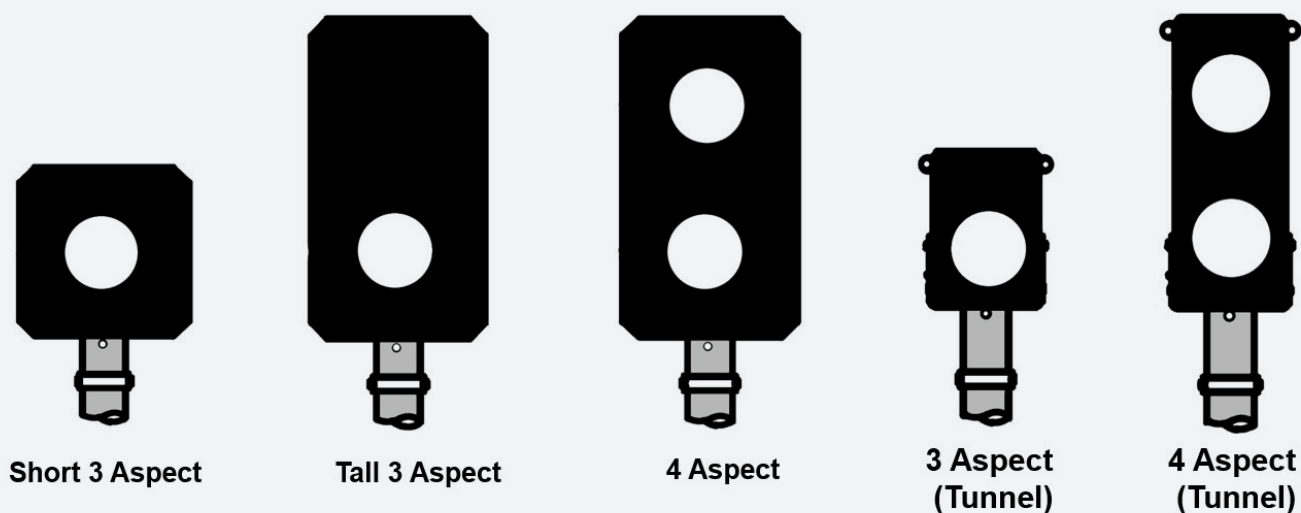
'Mod C' has been embodied on all Top Yellow Modules with effect from Sep 2021. This modification introduces new anti-reflection measures to the outer cover and internal mask to combat issues caused by low sun and reflections from Train windscreens.

There are no changes to either the Unipart Dorman Part Number or the PADS/Cat Number.

Assisted Lift Trunnion (ALT) Versions

The CLS LITE is primarily designed to be a like for like replacement of an existing signal head on a conventional structure. It can however, be mounted in the Unipart Dorman ALT and GRP post folding structure and these signal heads have their own individual PADS numbers.

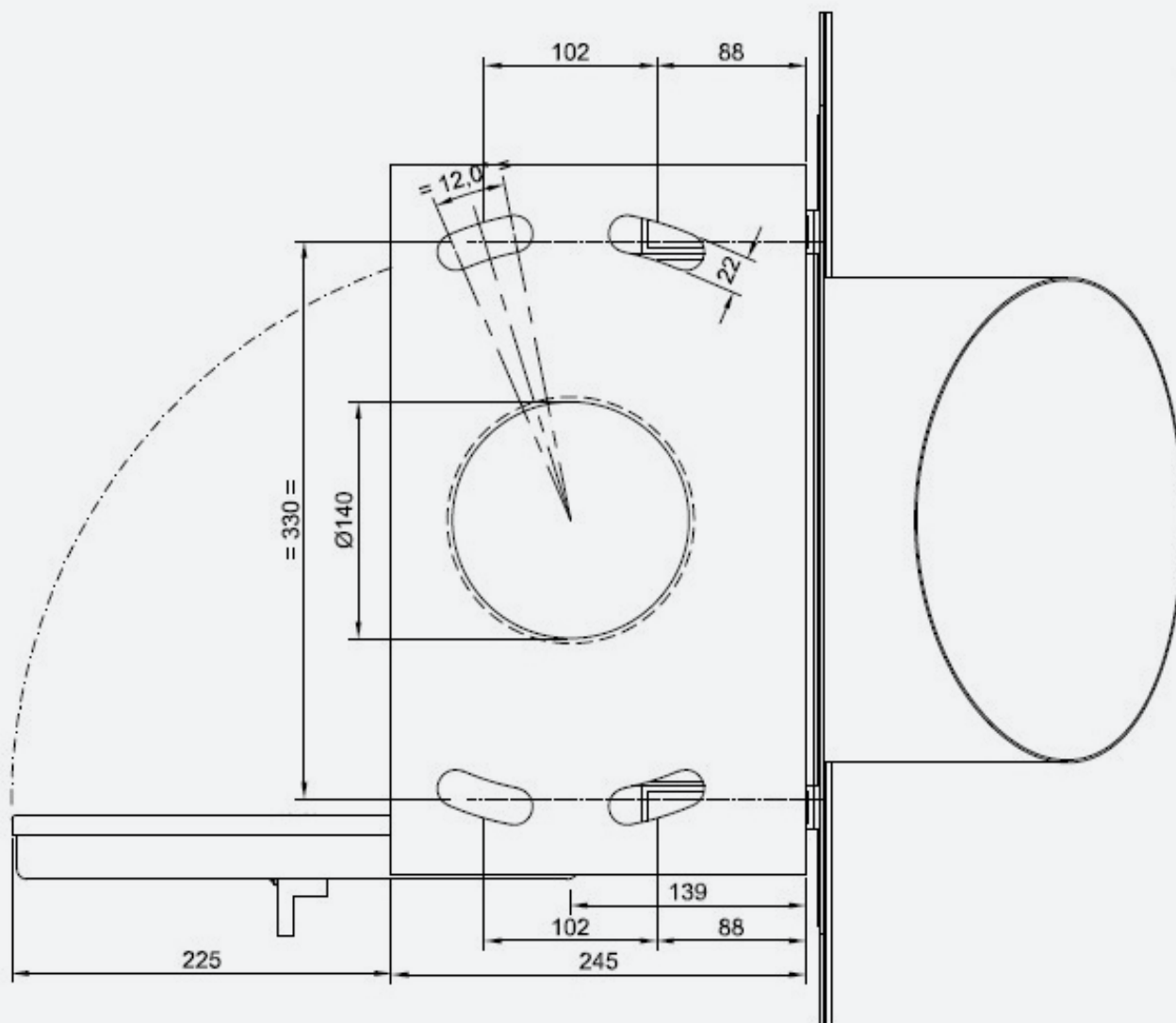
Care should be taken to ensure the right signal head is specified as they are not interchangeable with those for conventional structures.



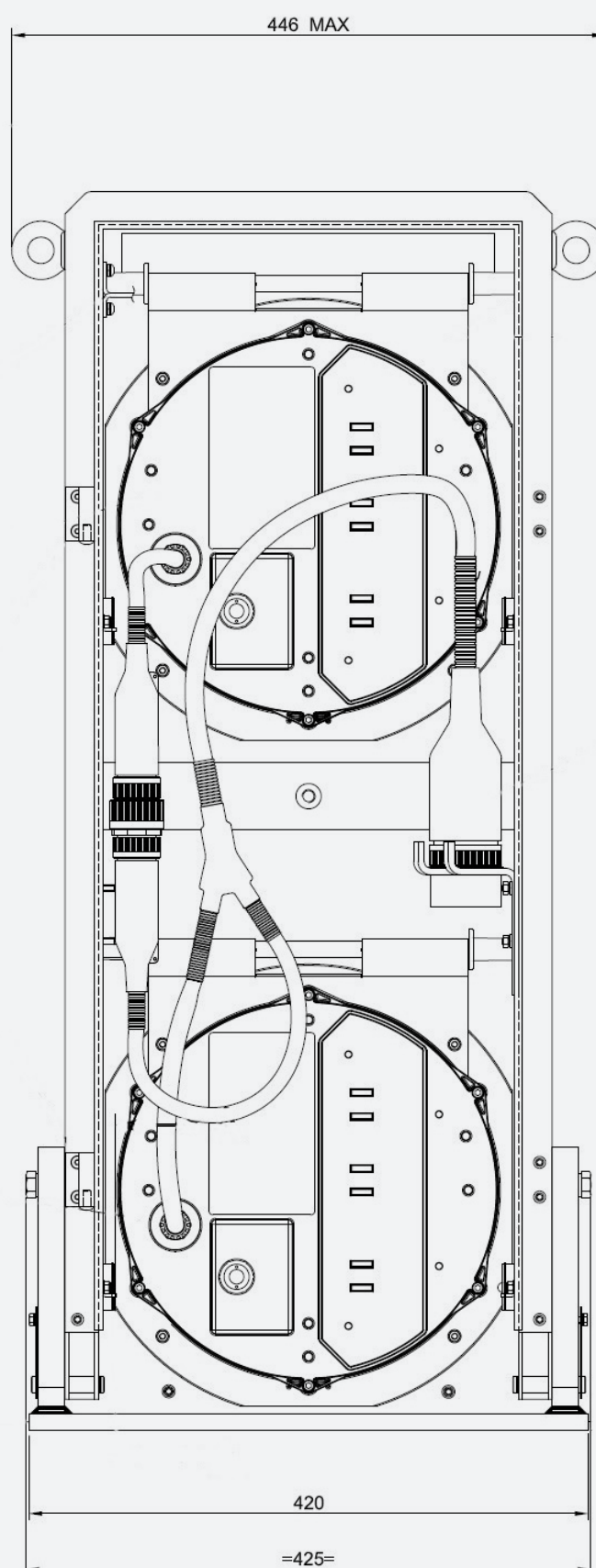
Specifying the CLS LITE on the Unipart Dorman ALT/HD ALT requires the iLS Order Form to be completed including the height of the most restrictive aspect to the running rail dimension along with the rail height in relation to the top of the foundation. These dimensions plus the National Grid Reference of the signal are used to calculate the deflection characteristics and determine the post type and cut length.

A full set of Catalogue and Part Numbers relating to this type of installation are available in the CLS LITE on ALT section of this Handbook.

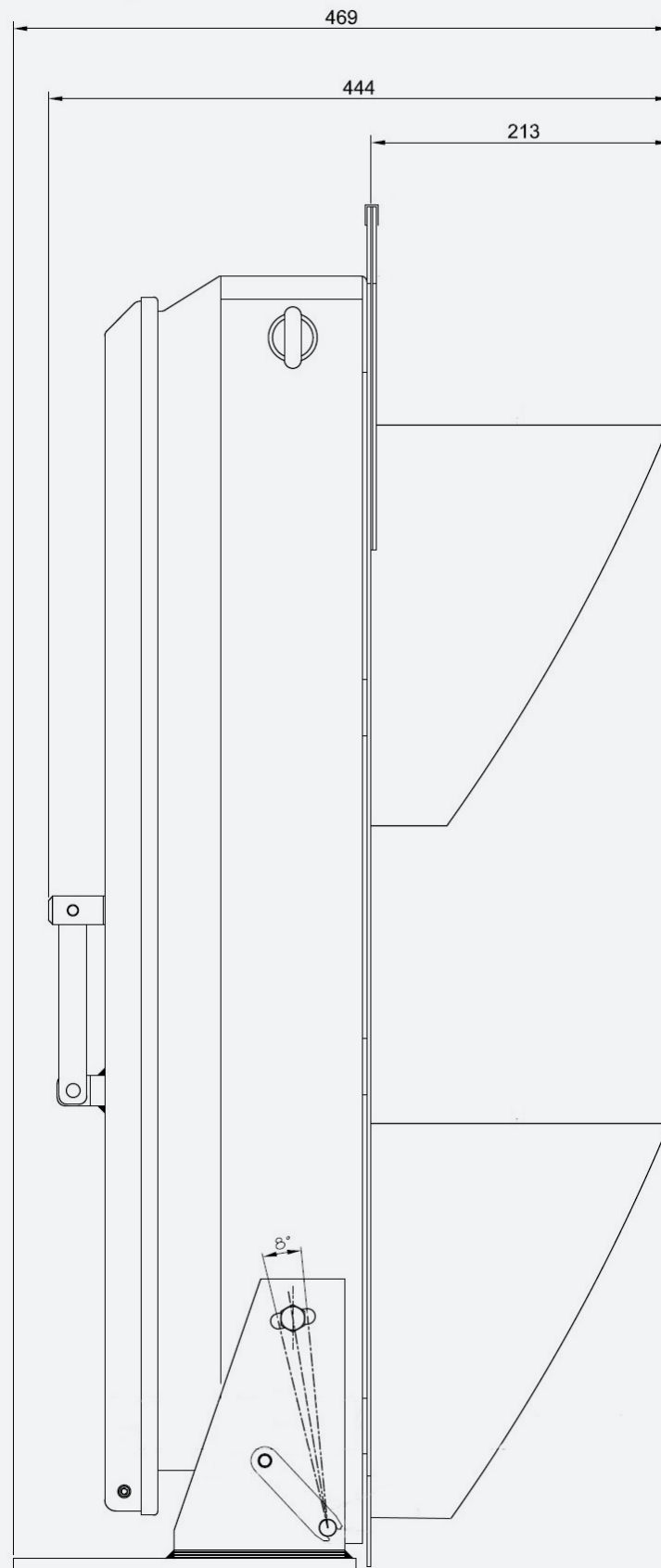
Product Configuration



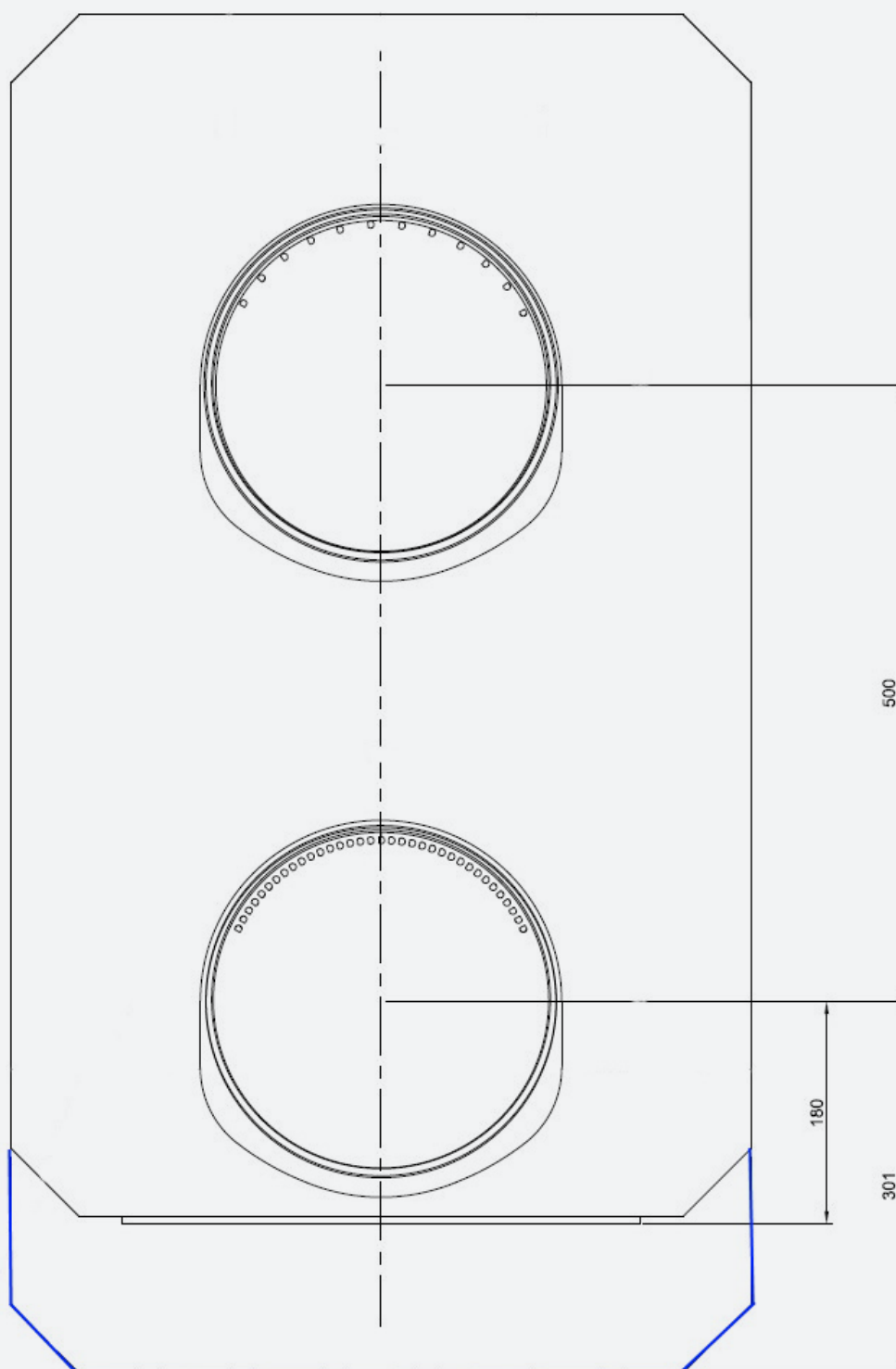
Product Configuration



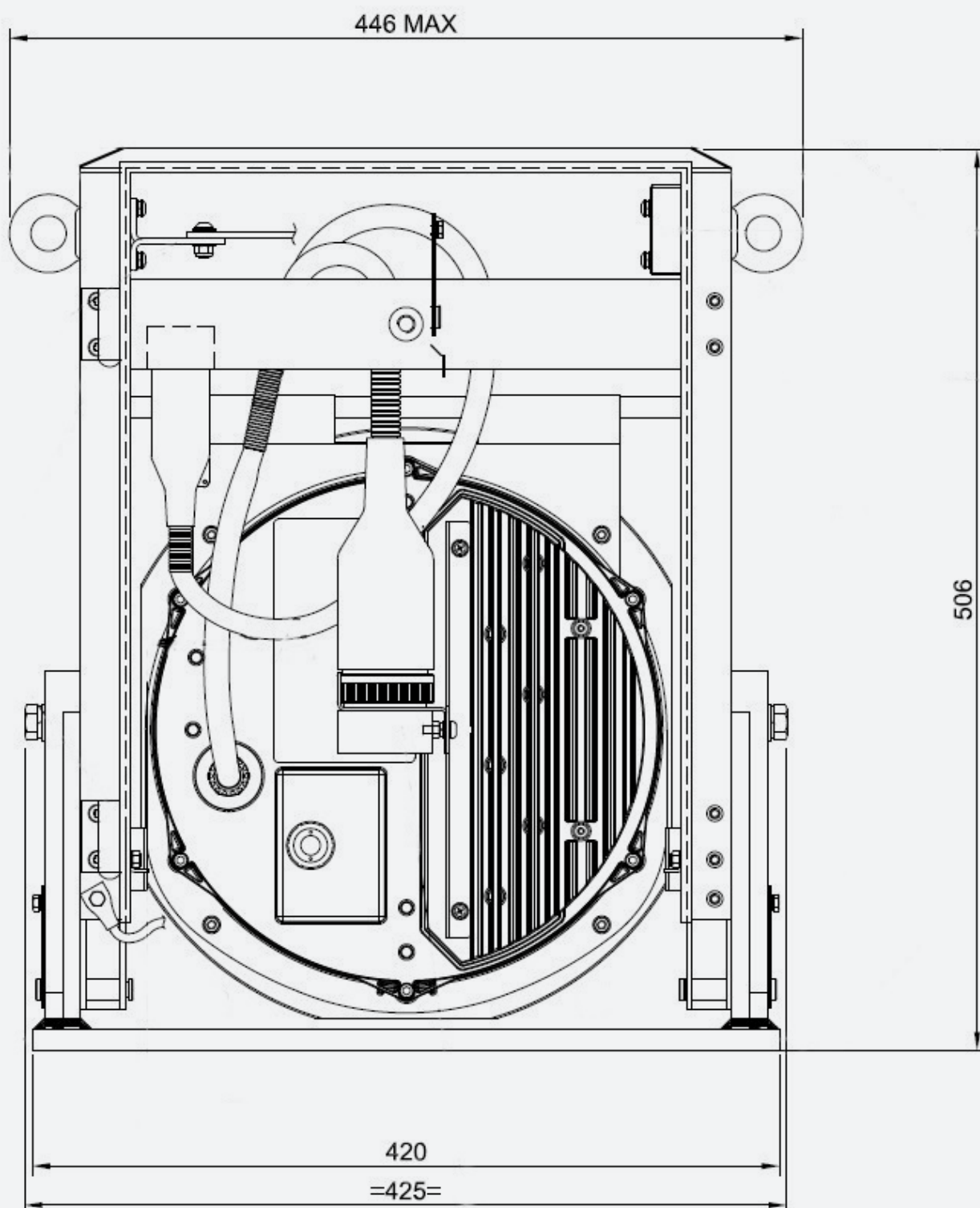
Product Configuration



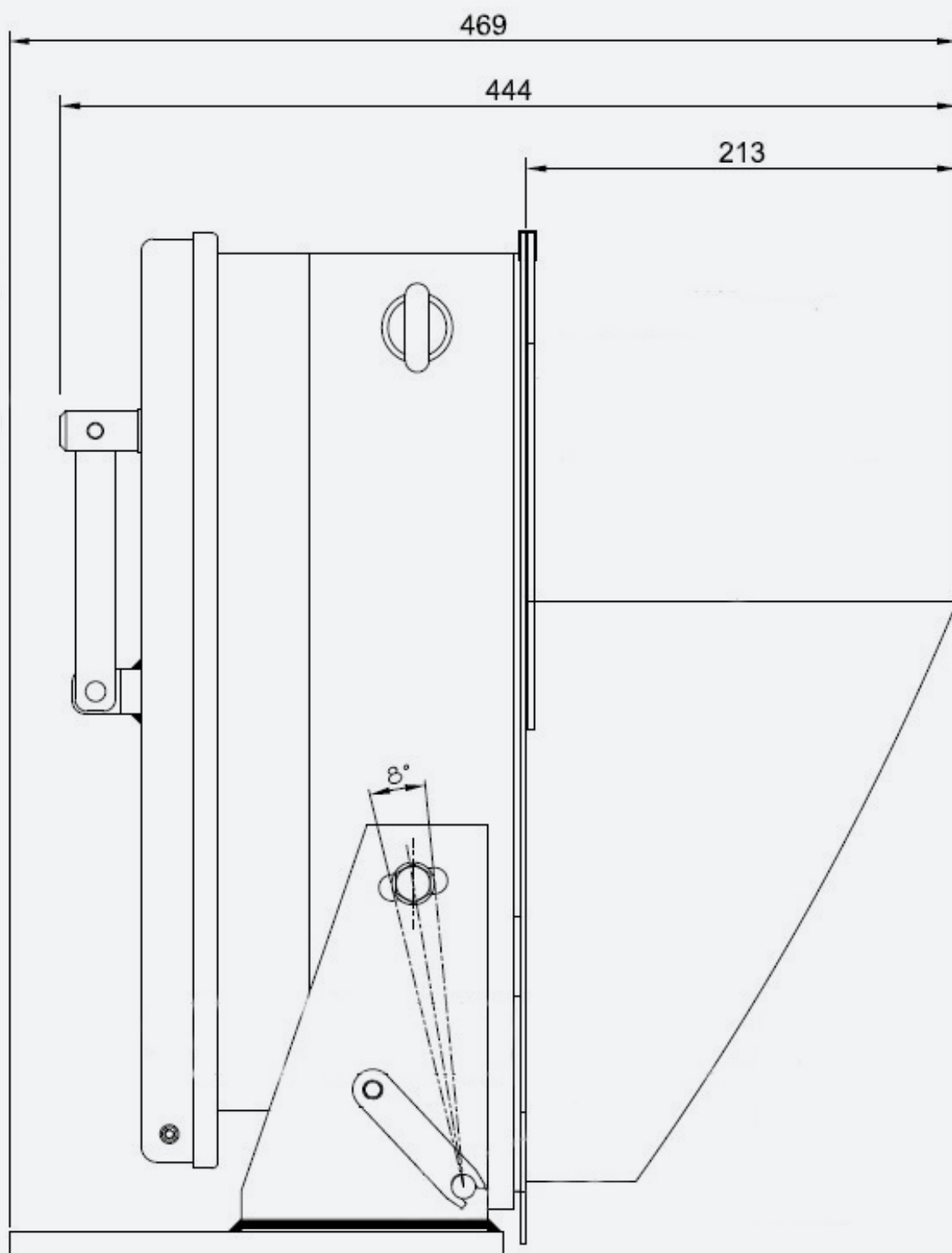
Product Configuration



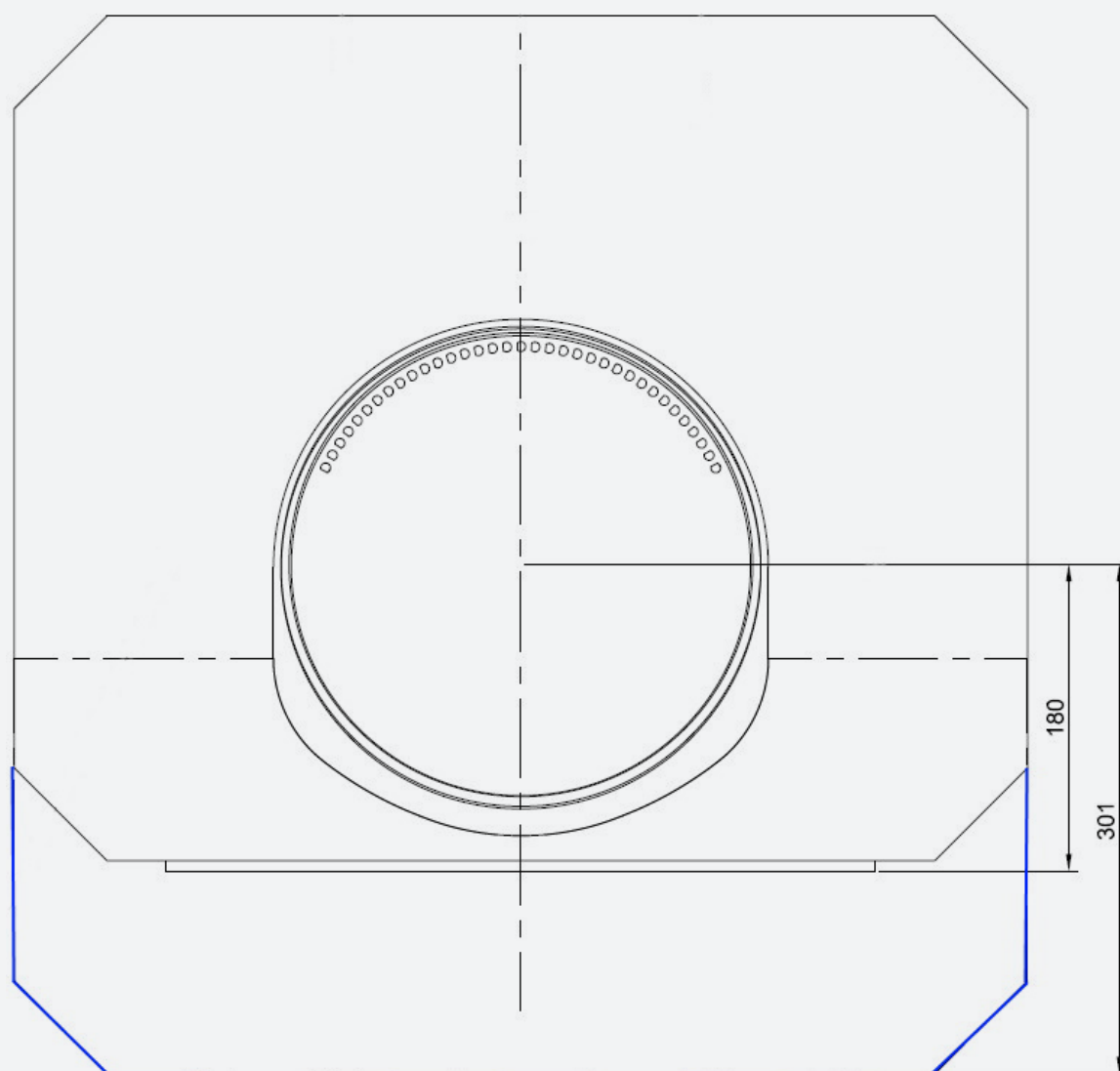
Product Configuration



Product Configuration

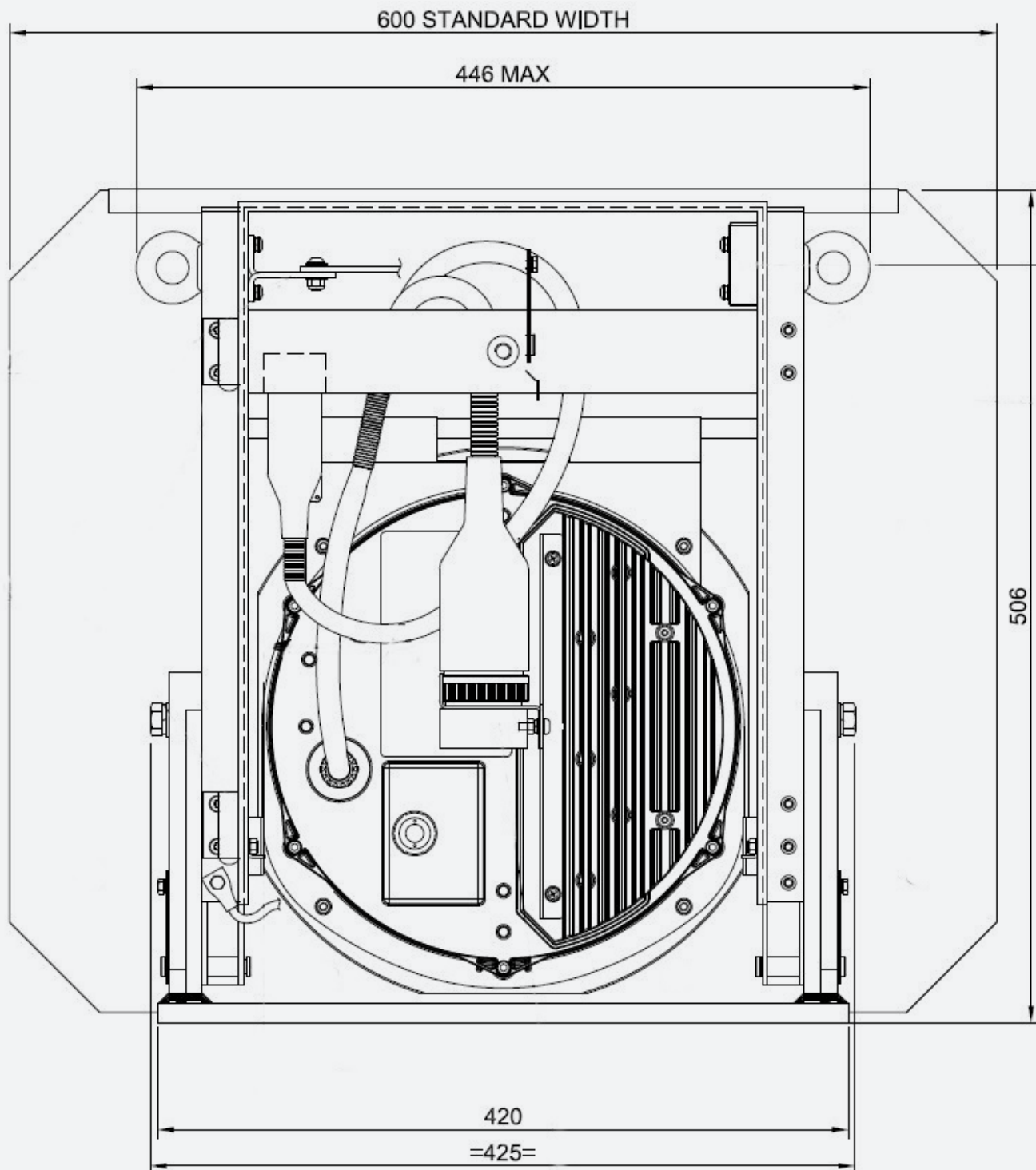


Product Configuration



Product Configuration

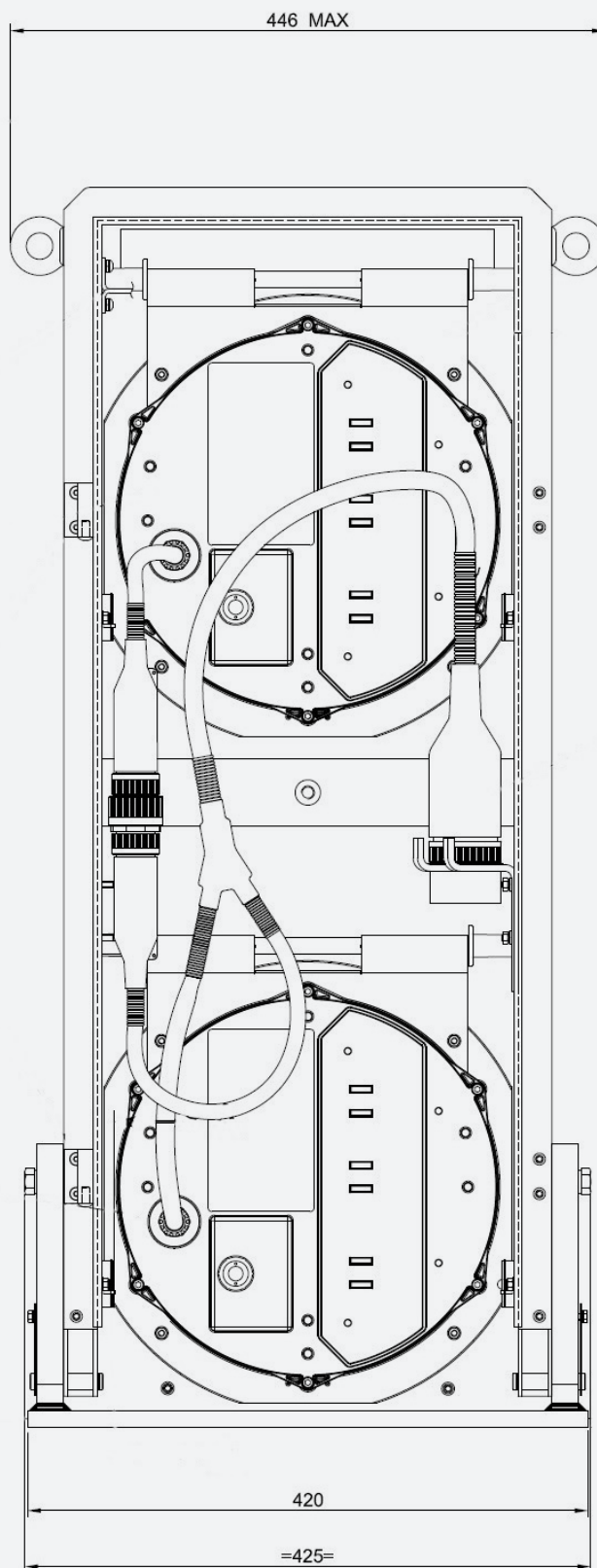
(3 Aspect TUNNEL ONLY)



The two lifting rings are easily removed to reduce the overall width to 425mm

Product Configuration

(4 Aspect TUNNEL ONLY)



The two lifting rings are easily removed to reduce the overall width to 425mm

Catalogue Numbers

Long Range Signal Heads (Current Proved)

Catalogue Number	Unipart Dorman Part Number	Description
0086/008720	CLLH/RYG/AAE	4 Aspect, UHQ
0086/008722	CLLF/RYG/AAG	4 Aspect, BHQ
0086/008726	CLLH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0086/008728	CLLH/SRYG/AAE	3 Aspect, UHQ Short Housing
0086/008730	CLLF/SRYG/AAG	3 Aspect, BHQ Short Housing

Long Range Signal Heads (Double Cut, Voltage Free Contact Proving)

Catalogue Number	Unipart Dorman Part Number	Description
0086/008721	CLLH/RYG/ACE	4 Aspect, UHQ
0086/008724	CLLF/RYG/ACG	4 Aspect, BHQ
0086/008727	CLLH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0086/008729	CLLH/SRYG/ACE	3 Aspect, UHQ Short Housing
0086/008731	CLLF/SRYG/ACG	3 Aspect, BHQ Short Housing



Catalogue Numbers

Medium Range Wide Beam Signal Heads, Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/008700	CLWH/RYG/AAE	4 Aspect, UHQ
0086/008702	CLWF/RYG/AAG	4 Aspect, BHQ
0086/008704	CLWH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0086/008706	CLWH/SRYG/AAE	3 Aspect, UHQ Short Housing
0086/008708	CLWF/SRYG/AAG	3 Aspect, BHQ Short Housing

Medium Range Wide Beam Signal Heads, Double Cut, Voltage Free Contact Proving

Catalogue Number	Unipart Dorman Part Number	Description
0086/008701	CLWH/RYG/ACE	4 Aspect, UHQ
0086/008703	CLWF/RYG/ACG	4 Aspect, BHQ
0086/008705	CLWH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0086/008707	CLWH/SRYG/ACE	3 Aspect, UHQ Short Housing
0086/008709	CLWF/SRYG/ACG	3 Aspect, BHQ Short Housing

Catalogue Numbers

Medium Range Narrow Beam Signal Heads, Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/008710	CLNH/RYG/AAE	4 Aspect, UHQ
0086/008712	CLNF/RYG/AAG	4 Aspect, BHQ
0086/008714	CLNH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0086/008716	CLNH/SRYG/AAE	3 Aspect, UHQ Short Housing
0086/008718	CLNF/SRYG/AAG	3 Aspect, BHQ Short Housing

Medium Range Narrow Beam Signal Heads, Double Cut, Voltage Free Contact Proving

Catalogue Number	Unipart Dorman Part Number	Description
0086/008711	CLNH/RYG/ACE	4 Aspect, UHQ
0086/008713	CLNF/RYG/ACG	4 Aspect, BHQ
0086/008715	CLNH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0086/008717	CLNH/SRYG/ACE	3 Aspect, UHQ Short Housing
0086/008719	CLNF/SRYG/ACG	3 Aspect, BHQ Short Housing



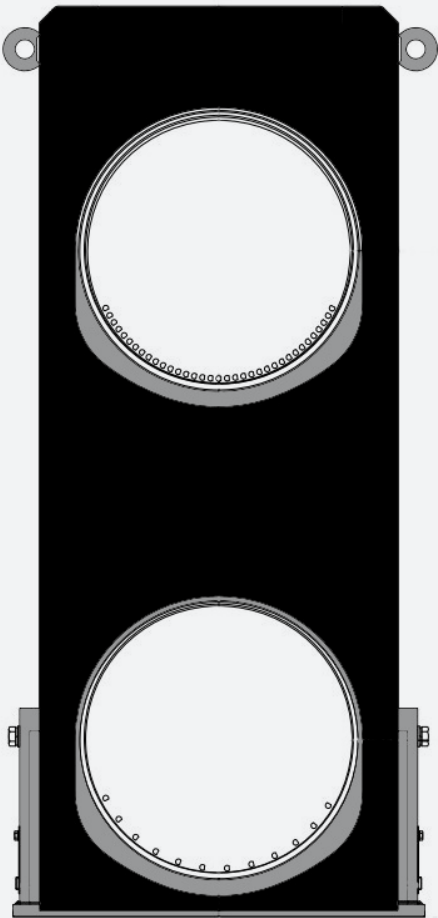
Catalogue Numbers

Tunnel Signal Heads. Current Proved

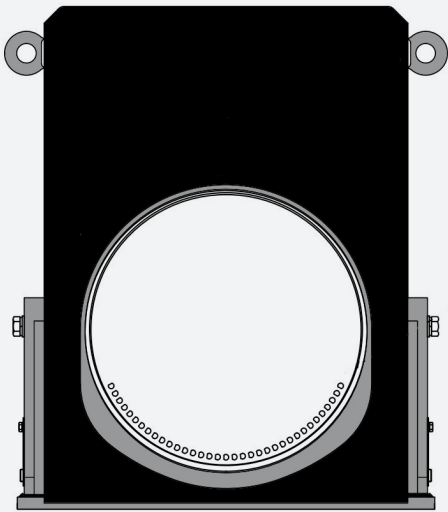
Catalogue Number	Unipart Dorman Part Number	Description
0086/008723	CLLT/RYGY/AAG	4 Aspect, BHQ
0086/008732	CLLT/SRYG/AAG	3 Aspect, BHQ

Double Cut, Voltage Free Contact Proving

Catalogue Number	Unipart Dorman Part Number	Description
0086/008725	CLLT/RYGY/ACG	4 Aspect, BHQ
0086/008733	CLLT/SRYG/ACG	3 Aspect, BHQ



4 Aspect Tunnel Signal Head

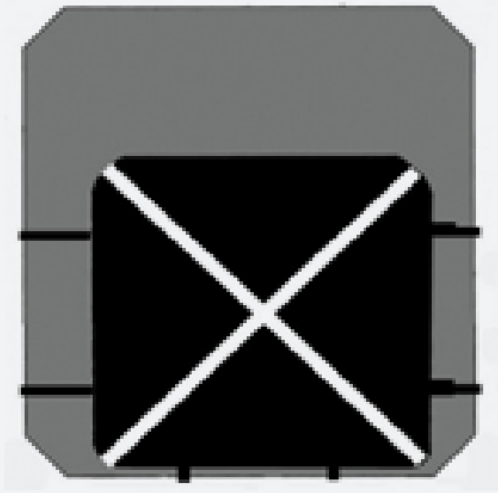
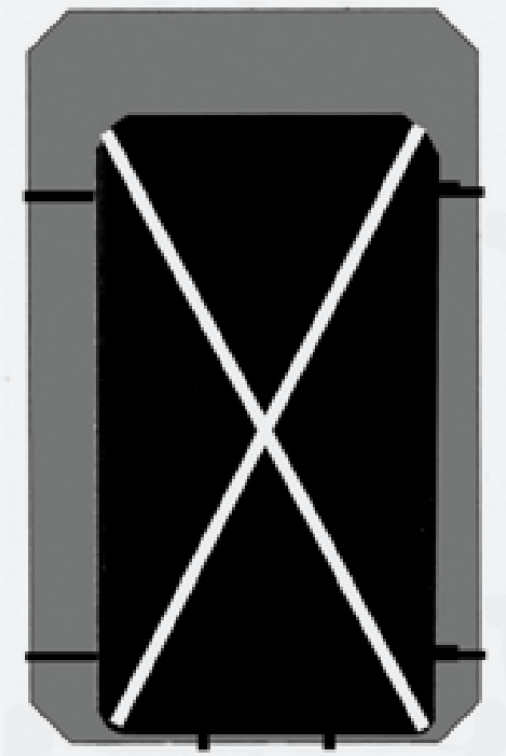


3 Aspect Tunnel Signal Head

Catalogue Numbers

Out of Use Masks

Catalogue Number	Unipart Dorman Part Number	Description
0086/009496	B22.21082	Tall Housing Out of Use Mask
0086/009497	B22.21083	Short Housing Out of Use Mask



Catalogue Numbers

Spare Modules

The CLS LITE is a second generation signal and the LED modules are electrically and optically identical to iLS including where allowed, the maintenance free capability. They are different mechanically, replacing the screw fixings on iLS with a hanging bracket.

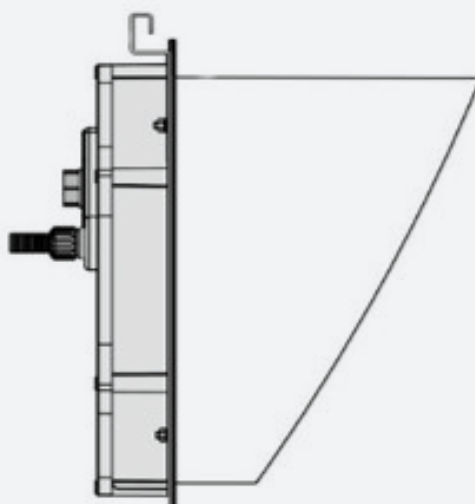
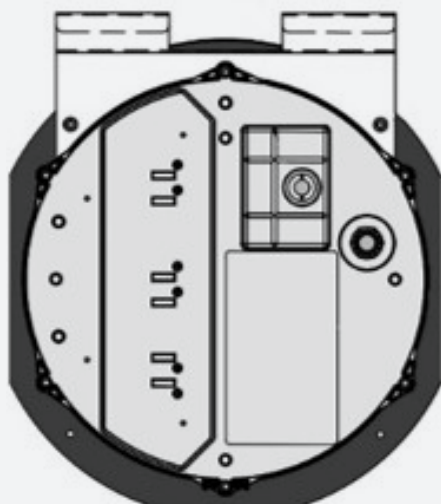
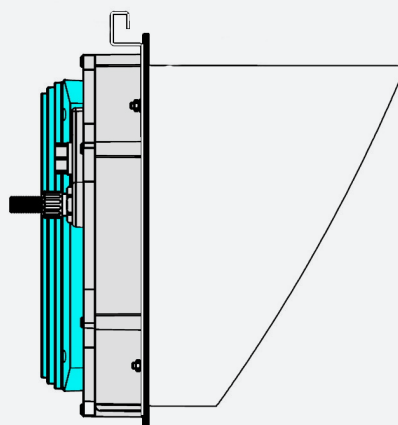
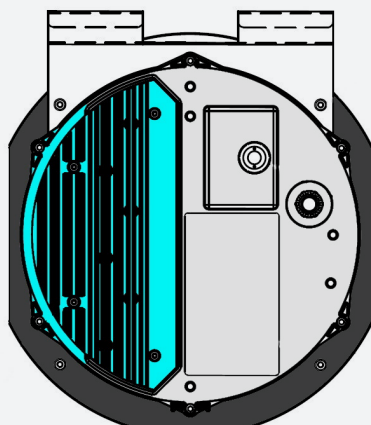
Care should be taken to ensure the right module is specified as they are not interchangeable with iLS Signal Modules.

Lamp Proving

Unless explicitly specified on the order, all CLS LITE Modules will be supplied as Current Proved versions. These are easily identified by having an additional aluminium heat sink fitted to the rear of the module (shown highlighted in Blue on the illustrations below).

If the Heatsink is not fitted it should be assumed that the module is for a Volt Free Contact or SSL Modular Signal System.

These modules are not compatible with Current Based Interlocking.

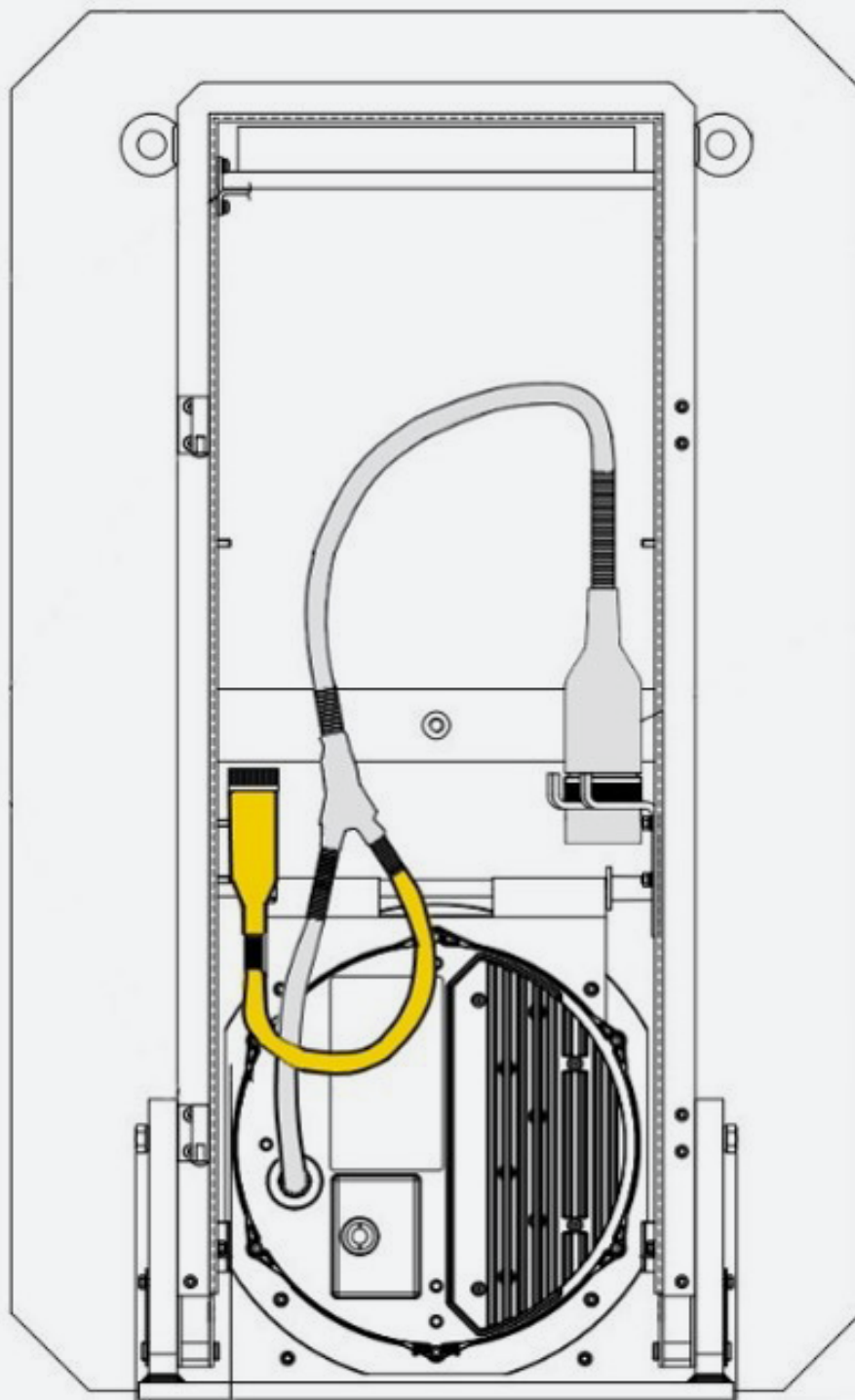


Catalogue Numbers

Spare Modules

All 3 Aspect RYG Modules come with the additional connection for the second yellow module required for a 4 Aspect signal as standard (shown highlighted in yellow below).

If not used, it is fitted with an IP65 blanking cap and securely stowed inside the signal head.



Catalogue Numbers

Long Range Spare Modules, Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/008503	LC/CMLRYG-E/AAS	3 Aspect (RYG), UHQ
0086/008504	LC/CMLRYG-G/AAS	3 Aspect (RYG), BHQ
0086/008642	LC/CML4Y--E/AA-	4th Aspect (Y), UHQ
0086/008643	LC/CML4Y--G/AA-	4th Aspect (Y), BHQ

Long Range Spare Modules, Double Cut, Volt Free Contact Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/008513	LC/CMLRYG-E/ACS	3 Aspect (RYG), UHQ
0086/008514	LC/CMLRYG-G/ACS	3 Aspect (RYG), BHQ
0086/008644	LC/CML4Y--E/AE-	4th Aspect (Y), UHQ
0086/008645	LC/CML4Y--G/AE-	4th Aspect (Y), BHQ

Catalogue Numbers

Medium Range Wide Beam Spare Modules, Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/009478	LC/CMMRYG-E/AAS	3 Aspect (RYG), UHQ
0086/009479	LC/CMMRYG-G/AAS	3 Aspect (RYG), BHQ
0086/009484	LC/CMM4Y-E/AA	4th Aspect (Y), UHQ
0086/009485	LC/CMM4Y-G/AA	4th Aspect (Y), BHQ

Medium Range Wide Beam Spare Modules, Double Cut, Volt Free Contact Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/009482	LC/CMMRYG-E/ACS	3 Aspect (RYG), UHQ
0086/009483	LC/CMMRYG-G/ACS	3 Aspect (RYG), BHQ
0086/009486	LC/CMM4Y-E/AE	4th Aspect (Y), UHQ
0086/009487	LC/CMM4Y-G/AE	4th Aspect (Y), BHQ



Catalogue Numbers

Medium Range Narrow Beam Spare Modules, Current Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/009370	LC/CMNRYG-E/AAS	3 Aspect (RYG), UHQ
0086/009371	LC/CMNRYG-G/AAS	3 Aspect (RYG), BHQ
0086/009376	LC/CMN4Y-E/AA	4th Aspect (Y), UHQ
0086/009377	LC/CMN4Y-G/AA	4th Aspect (Y), BHQ

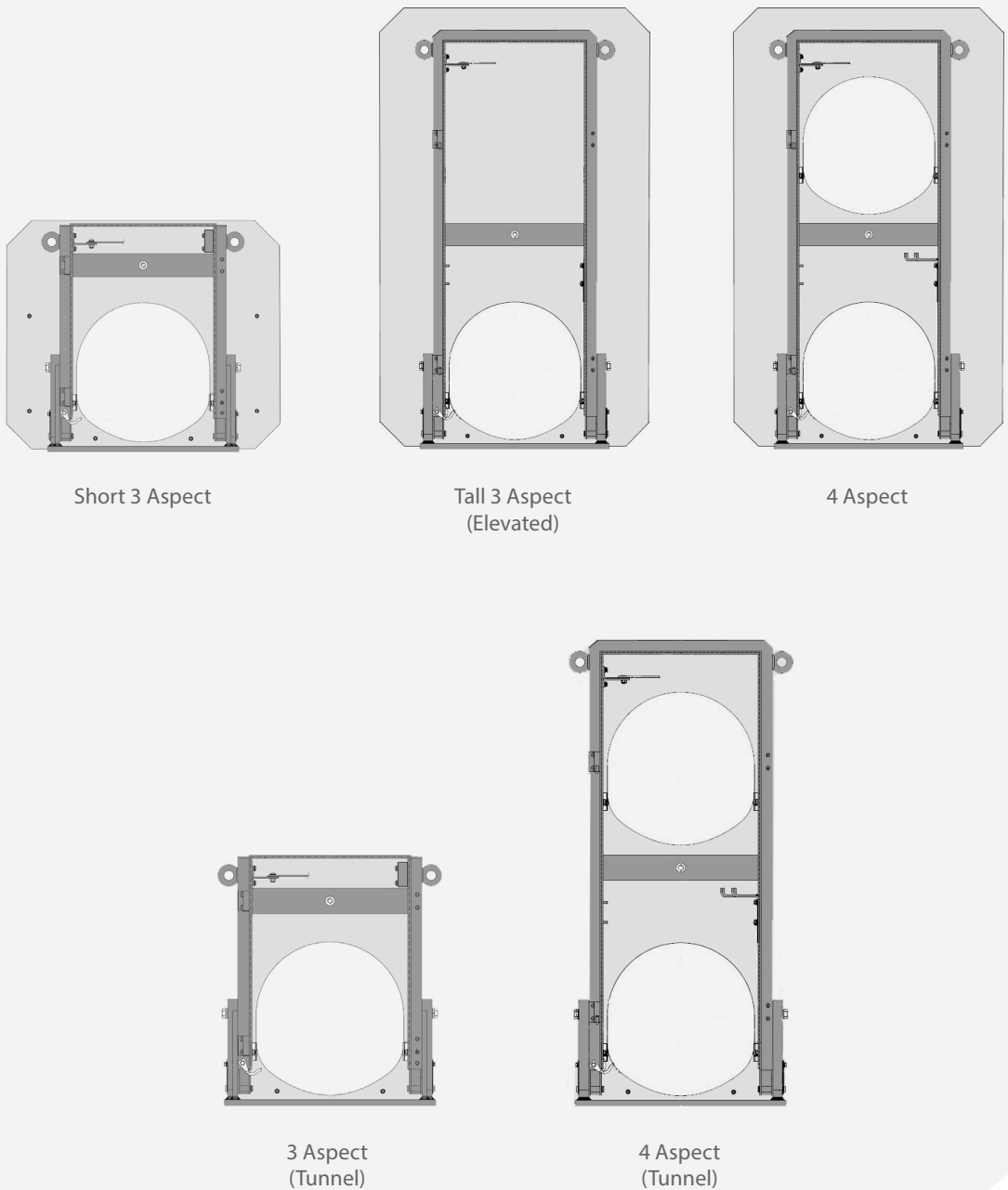
Medium Range Narrow Beam Spare Modules, Double Cut, Volt Free Contact Proved

Catalogue Number	Unipart Dorman Part Number	Description
0086/009374	LC/CMNRYG-E/ACS	3 Aspect (RYG), UHQ
0086/009375	LC/CMMRYG-G/ACS	3 Aspect (RYG), BHQ
0086/009378	LC/CMM4Y-E/AE	4th Aspect (Y), UHQ
0086/009379	LC/CMM4Y-G/AE	4th Aspect (Y), BHQ

Catalogue Numbers

Spare Signal Housings (supplied without modules)

Catalogue Number	Unipart Dorman Part Number	Description
0086/009395	D04.03500	4 Aspect Signal Housing
0086/009394	D04.03501	3 Aspect Tall Signal Housing (Elevated)
0086/009393	D04.03499	3 Aspect Short Signal Housing
0086/009396	D04.03504	4 Aspect Tunnel Housing
0086/009392	D04.03508	3 Aspect Tunnel Housing

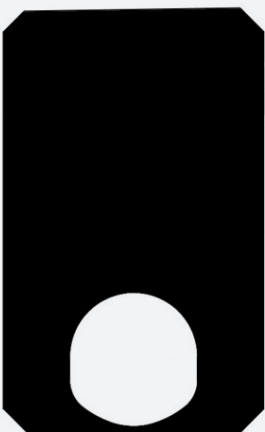


Catalogue Numbers

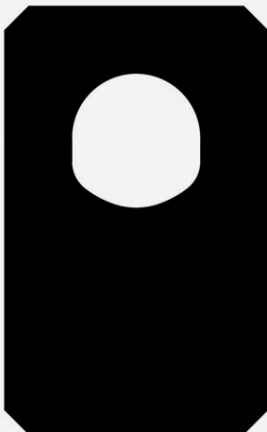
Catalogue Number	Unipart Dorman Part Number	Description
0086/009502	B20.20238	4 Aspect Backboard – Tall Housing
0086/009503	B20.19363	3 Aspect Backboard – Tall Housing (Elevated)
TBC	B20.19536	3 Aspect Backboard – Tall Housing (Ground)
0086/009504	B20.20232	3 Aspect Backboard – Short Housing
0086/009505	B20.19368	4 Aspect Tunnel Backboard
0086/009506	B20.19373	3 Aspect Tunnel Backboard
0086/009507	B20.20233	CLS LITE Backboard Extension



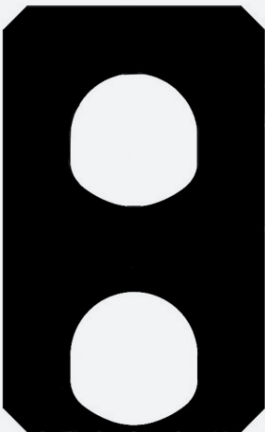
Short 3 Aspect



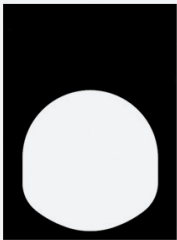
Tall 3 Aspect
(Elevated)



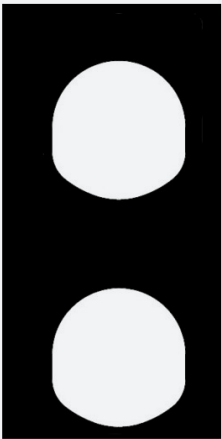
3 Aspect
(Ground)



4 Aspect



3 Aspect
(Tunnel)



4 Aspect
(Tunnel)



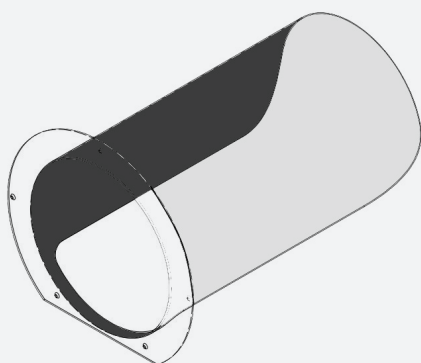
Standard Lower
Backboard Extension

Catalogue Numbers

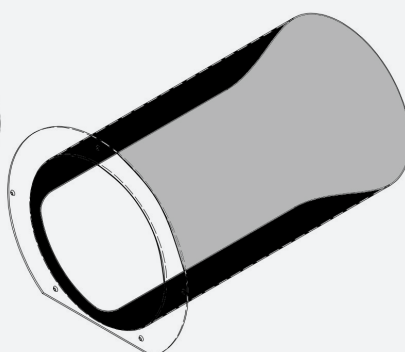
Extended Visor Conversion Kits

Catalogue Number	Unipart Dorman Part Number	Description
0086/008854	D04.03999	CLS LITE 3 Aspect Visor Kit 600mm
0086/008858	D04.04003	CLS LITE 3 Aspect Visor Kit 600mm (3/4 Round LH Side)
0086/008857	D04.04002	CLS LITE 3 Aspect Visor Kit 600mm (3/4 Round RH Side)
0086/008853	D04.03998	CLS LITE 4 Aspect Visor Kit 600mm Kit - Contains New Backboard***
0086/008856	D04.04001	CLS LITE 4 Aspect Visor Kit 600mm (3/4 Round LH Side) - Contains New Backboard***
0086/008855	D04.04000	CLS LITE 4 Aspect Visor Kit 600mm (3/4 Round RH Side) Kit - Contains New Backboard***

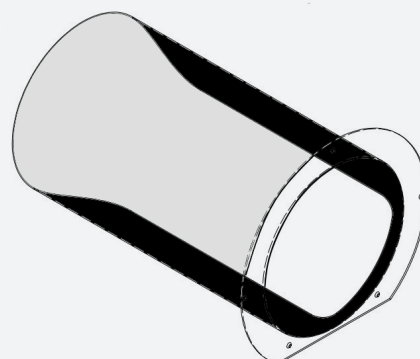
*** If a 4 Aspect Signal is being modified to use extended visors, a new backboard will be required which is fitted with extra mounting screw holes/inserts



600mm Extended Visor



600mm Extended Visor
RH Obscuration



600mm Extended Visor
LH Obscuration

Illustration only – all visors are uniformly black

It should be noted that a CLS LITE fitted with an Extended Visor Kit will no longer meet the criteria to be classed as maintenance free

Catalogue Numbers

Spare Visors and Backboard

Catalogue Number	Unipart Dorman Part Number	Description
086/008859	B20.19541	CLS LITE Visor 600mm LONG
086/008860	B20.19542	CLS LITE Visor 600mm LONG 3/4 RH
086/008861	B20.19543	CLS LITE Visor 600mm LONG 3/4 LH
086/008862	D04.C60.59128	Modified Backboard needed to convert 4 Aspect Signals to accept long or obscuration hoods

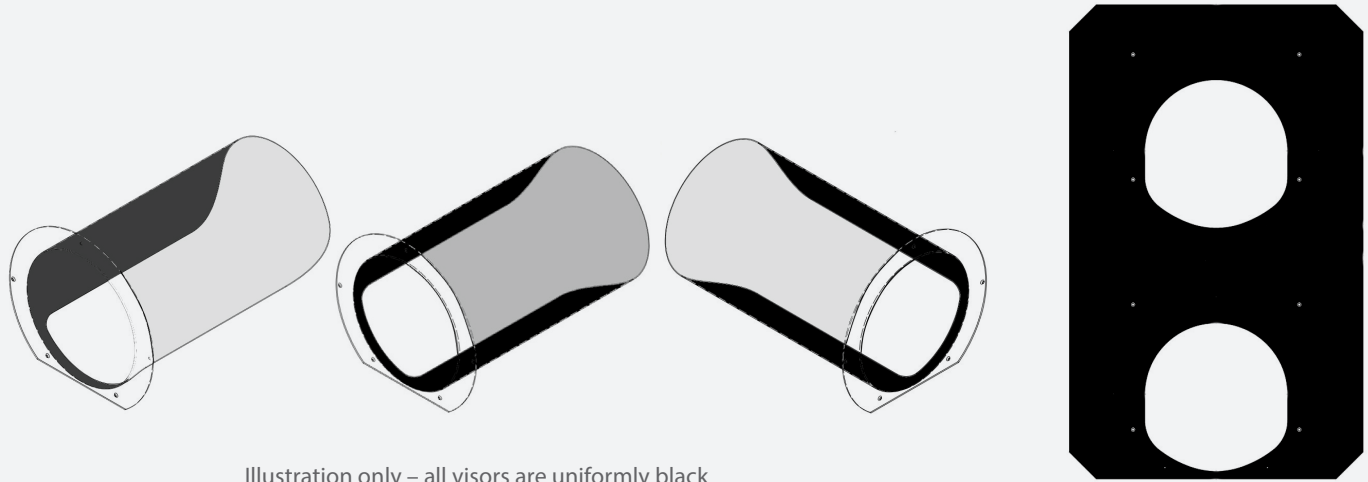


Illustration only – all visors are uniformly black

Please Note:

These are individual replacement parts for an existing signal which has been subject to damage etc. and NOT the full conversion kit described on the previous page, which are supplied with all of the requisite parts needed to modify a complete signal head.

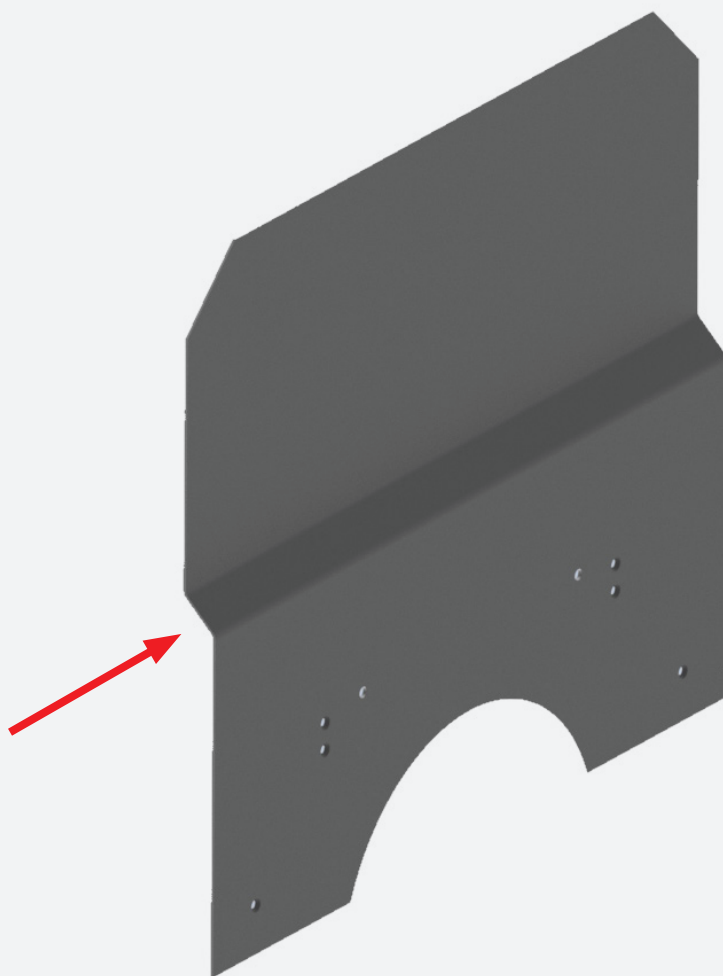
Backboard Extensions

When a Colour Light Signal is installed with a Junction Route Indicator (JRI) above it there may be a gap between the top of the standard CLS backboard and the bottom edge of the JRI backboard which can allow light from behind the signal to bleed through and make reading it difficult for the driver.

Unipart Dorman manufactures Upper Backboard Extension kits to fill the gap and to enable the Backboard Extension to be fitted even where there is a mismatch between the two backboard edges, a 25mm offset or 'Joggle' is incorporated.

The kits use screw positions already incorporated in a standard backboard so no modification is required and the backboard are a universal fit between CLS LITE and Unipart Dorman Classic Colour Light Signal Heads.

Backboards which need a section removed to accommodate Position 3, 6 and 3&6 JRI Arms are available.

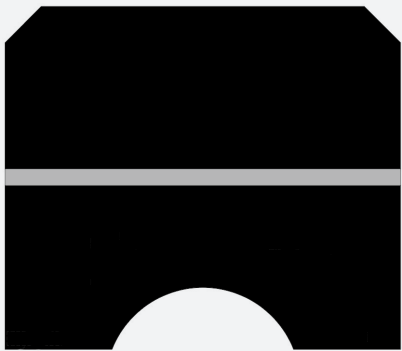


Full Width Backboard Extension showing the joggled section

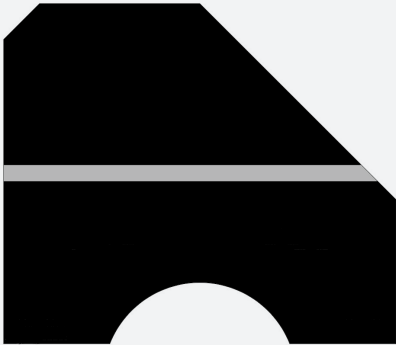
Catalogue Numbers

Upper Backboard Extensions with a 25mm Joggle

Catalogue Number	Unipart Dorman Part Number	Description
0086/009004	D86.85057	Full Width Upper Backboard Extension Plate
0086/009005	D86.85058	Upper Backboard Extension Plate Cut Out for a Position 3 JRI
0086/009006	D86.85059	Upper Backboard Extension Plate Cut Out for a Position 6 JRI
0086/009007	D86.85060	Upper Backboard Extension Plate Cut Out for a Position 3 & 6 JRI



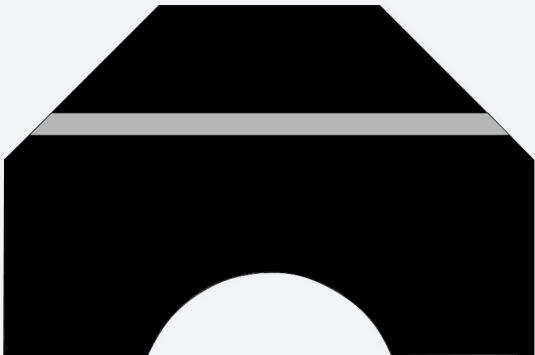
Full Width Backboard



Position 6 Backboard



Position 3 Backboard



Position 3 & 6 Backboard

Catalogue Numbers

There is also a full width lower back board extension with a 25mm joggle, which is a direct replacement for the standard item supplied with the signal head. It has the same dimensions (600mm x 246mm) as the non-joggled version.

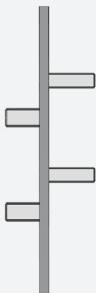
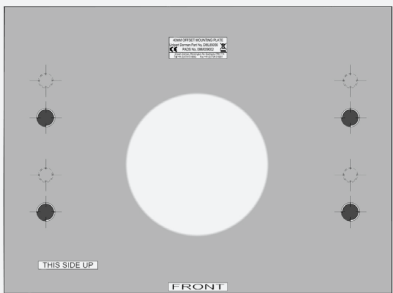
Catalogue Number	Unipart Dorman Part Number	Description
0086/009003	B20.19183	Lower Backboard Extension Plate (25mm Joggle)



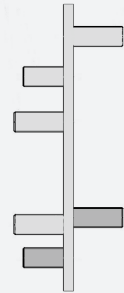
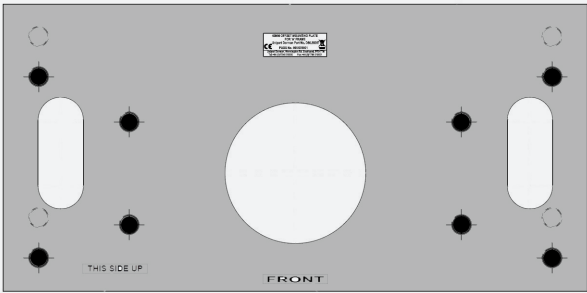
Catalogue Numbers

Adaptor plates available which allow the CLS head to be offset on a structure

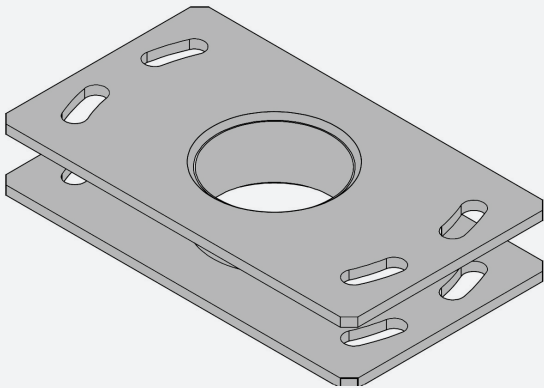
Catalogue Number	Unipart Dorman Part Number	Description
0086/009002	D86.85056	40mm Offset Mounting Plate
0086/009001	D86.85087	40mm Offset Mounting Plate For use with Type 'A' Frame
Please Contact Unipart Dorman	B20.19584	Horizontal Extender Plate



Standard 40mm Offset Mounting Plate with M20 studs on the top of the plate and M16 below.



40mm Offset Mounting Plate for use with a Type A frame (M20 studs on the top and bottom of the plate).

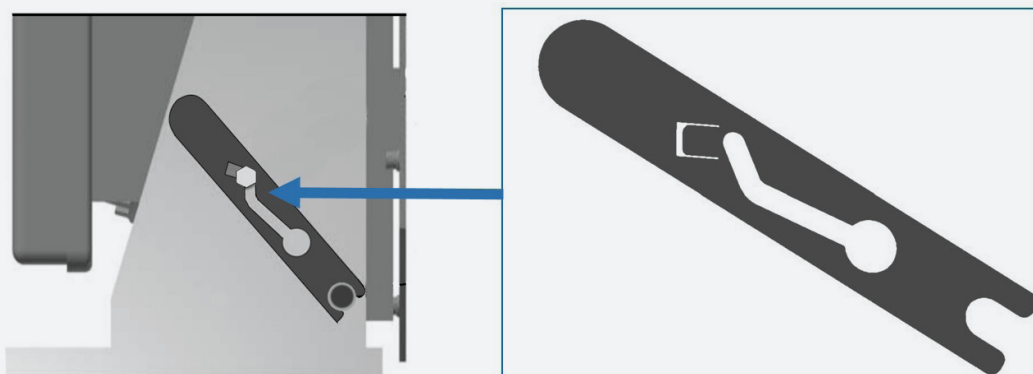


Horizontal Extender Plate used to increase the available horizontal alignment angle of the signal head

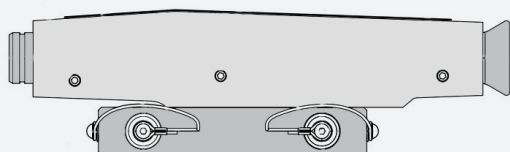
Catalogue Numbers

Miscellaneous

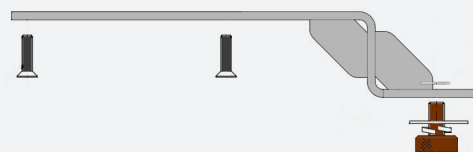
Catalogue Number	Unipart Dorman Part Number	Description
0086/000045	D86.85277	Retrofit Pivot Bar Retainer Kit (E Clip replacement)
0086/008542	D04.03082	Detachable Signal Sighting Scope (including case)
C086/008542	D04.03082RECERT	Scope Annual Alignment Check
0086/008865	D04.03988	Camera Mounting Kit
0086/032189	D04.04005	Brush Seal Kit



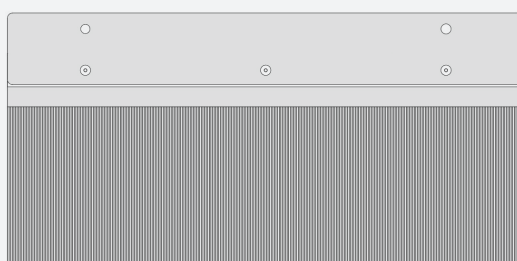
Retrofit Pivot Bar Retainer – please note that the factory fitted version does not have the slot incorporated which is designed to assist fitting the retainer at trackside



Detachable Sighting Scope



Camera Bracket (Camera Not Supplied)

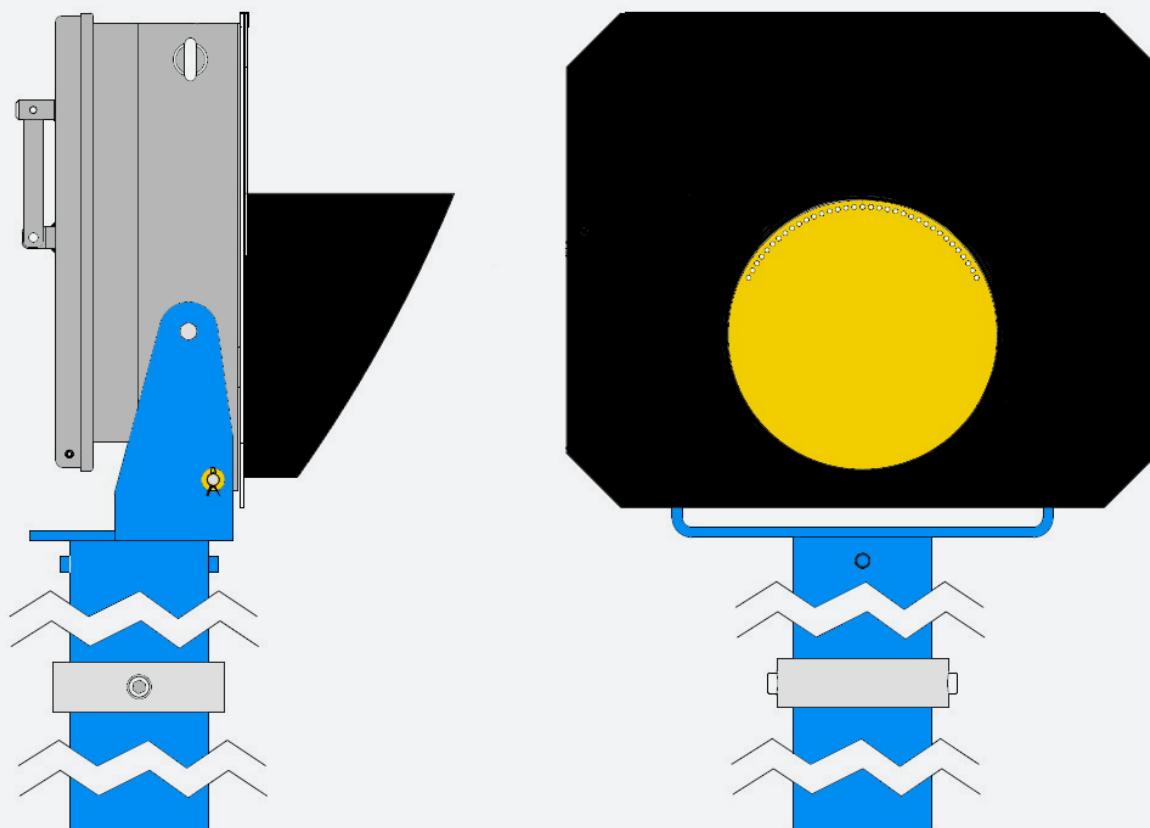


Brush Seal kit fitted to the bottom of the door at the rear of the signal to prevent wildlife ingress for CLS LITE

Assisted Lift Trunnion (ALT) Versions

Project Asset Mangers, Designers and Maintenance Staff saw many opportunities to replace conventional posts with a folding non-climbable structure during renewal programmes and Unipart Dorman worked closely with these customers to deliver all versions of the CLS LITE mounted on a GRP Post in an Assisted Lift Trunnion (ALT).

In common with the Integrated Lightweight Signal (iLS), each CLS LITE mounted in an ALT is manufactured for a specific location and will require information from the Signal Sighting Form and foundation details.



The signal head is different from a standard CLS LITE in having a Spigot Base that locks the head into the post top and has its adjustment fixed as the signal is designed to be aligned from ground level.

These versions utilise a split pin arrangement instead of the retainer plate on conventional Unipart Dorman Colour Light Signal heads

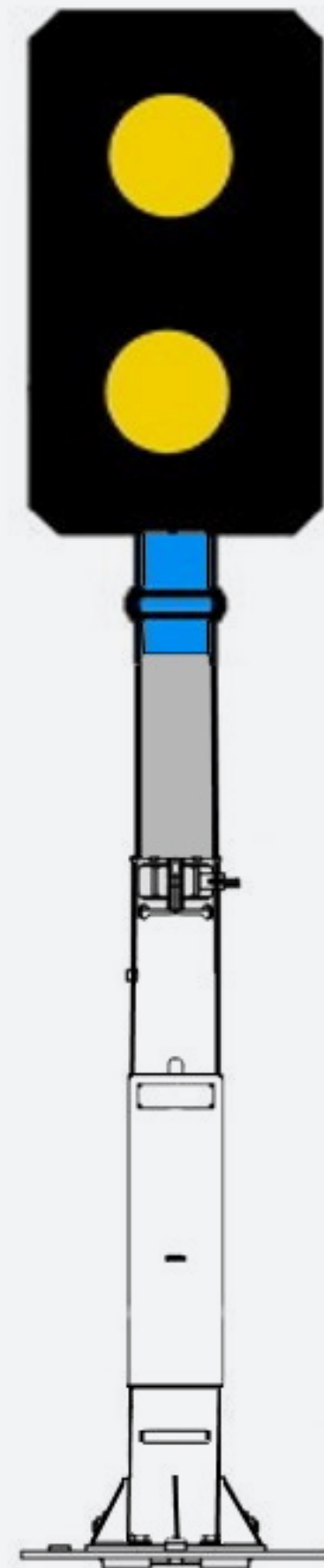
Order Detail

A full set of Catalogue and Part Numbers relating to this type of installation are available on the following pages. Care should be taken to ensure the correct head is specified as they are not interchangeable with those for conventional structures.

HD ALT posts are not compatible with the standard ALT used for CLS LITE applications

ONCE MANUFACTURING HAS STARTED, THE DIMENSIONS OF THE GRP POSTS ARE FINALLY SET AND CANNOT BE ALTERED.

For more information on the ALT please see the section 'Assisted Lift Trunnions'.

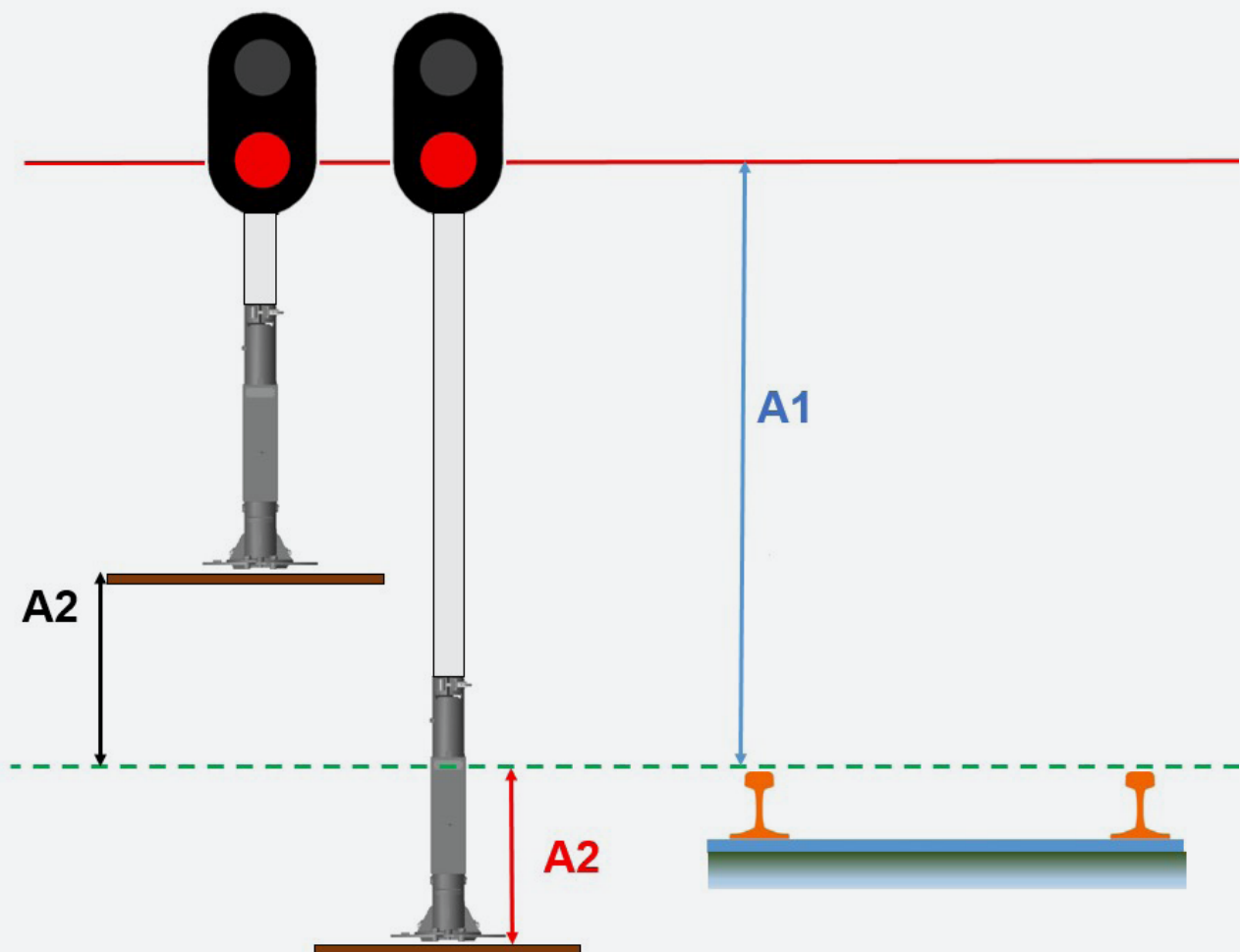


Order Detail

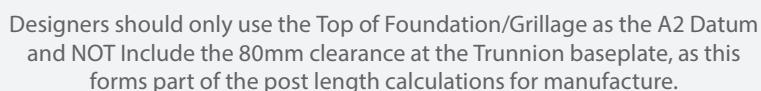
Because CLS LITE on ALT Signals need wind action deflection calculations performing for each signal location, it uses the same order format as the Integrated Lightweight Signal which are available from Unipart Rail and this guide is designed to help you through the process and ensure we get the right signal manufactured and despatched. As each signal is different we need to know the dimension from the top of the nearside running rail to the centre of the most restrictive aspect. This is known as the A1 Dimension.

We also need to know the distance from the top of the rail to top of the foundation and this is known as the A2 Dimension.

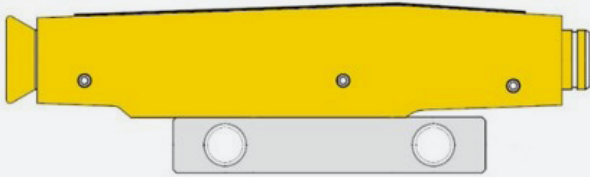
If the foundation is lower than the rail height, the A2 value needs to be shown on the Order Form as a positive (+) value and in red font as we need to 'add more post' in order to compensate and keep the centre of the aspect at the right height above the rail.



iLS Signals shown for illustrative purposes only – the dimensions needed for CLS LITE on ALT are the same



Signal Sighting and Alignment

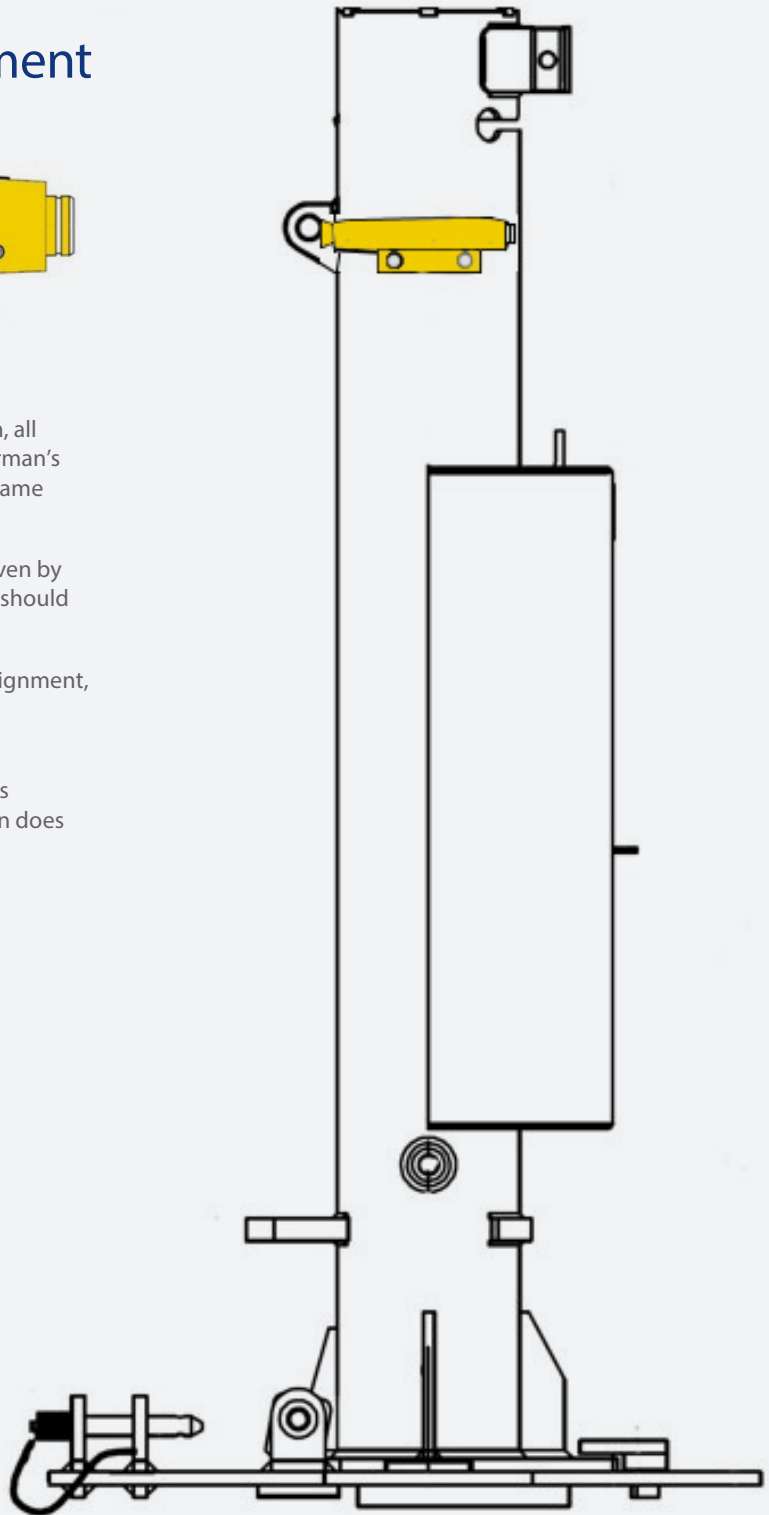


Unless specifically mandated on the Signal Sighting Form, all alignment of the CLS LITE when mounted on Unipart Dorman's GRP Post in an ALT is done from Ground Level using the same Detachable Signal Sighting Scope used for iLS signals.

If there is a requirement to align from inside the head driven by the use of a non-Dorman Post or Offset etc., the CLS LITE should be aligned with the scope fitted inside the head.

If any doubt on the method of achieving correct signal alignment, exists, the CLS LITE O&M Manual available on the Unipart Dorman Website should be consulted.

A mounting bracket to fit an action camera to the scope is available. (At the request of Network Rail, Unipart Dorman does not specify a make or model of camera).



Signal Sighting Scopes may have either a round or square body and should be returned to Unipart Dorman for an annual alignment check.

Catalogue Numbers

Long Range Signal Heads (Current Proved)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019350	CALF/RYG/AAE	4 Aspect, UHQ
0094/019348	CALF/RYG/AAG	4 Aspect, BHQ
0094/019343	CALH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0094/019338	CALH/3RYG/AAE	3 Aspect, UHQ Short Housing
0094/019346	CALF/3RYG/AAG	3 Aspect, BHQ Short Housing

Long Range Signal Heads (Double Cut, Voltage Free Contact Proving)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019367	CALF/RYG/ACE	4 Aspect, UHQ
0094/019365	CALF/RYG/ACG	4 Aspect, BHQ
0094/019360	CALH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0094/019355	CALH/3RYG/ACE	3 Aspect, UHQ Short Housing
0094/019363	CALF/3RYG/ACG	3 Aspect, BHQ Short Housing



Catalogue Numbers

Medium Range Wide Beam Signal Heads (Current Proved)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019353	CAWH/RYGY/AAE	4 Aspect, UHQ
0094/019351	CAWF/RYGY/AAG	4 Aspect, BHQ
0094/019344	CAWH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0094/019341	CAWH/SRYG/AAE	3 Aspect, UHQ Short Housing
0094/019342	CAWF/SRYG/AAG	3 Aspect, BHQ Short Housing

Medium Range Wide Beam Signal Heads (Double Cut, Voltage Free Contact Proving)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019370	CALF/RYGY/ACE	4 Aspect, UHQ
0094/019368	CALF/RYGY/ACG	4 Aspect, BHQ
0094/019361	CALH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0094/019358	CALH/SRYG/ACE	3 Aspect, UHQ Short Housing
0094/019358	CALF/3RYG/ACG	3 Aspect, BHQ Short Housing

Catalogue Numbers

Medium Range Narrow Beam Signal Heads (Current Proved)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019354	CANH/RYG/AAE	4 Aspect, UHQ
0094/019352	CANF/RYG/AAG	4 Aspect, BHQ
CANH	CANH/3RYG/AAE	3 Aspect, UHQ Tall Housing
0094/019339	CANH/SRYG/AAE	3 Aspect, UHQ Short Housing
0094/019340	CANF/SRYG/AAG	3 Aspect, BHQ Short Housing

Medium Range Narrow Beam (Double Cut, Voltage Free Contact Proving)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019371	CANH/RYG/ACE	4 Aspect, UHQ
0094/019369	CANF/RYG/ACG	4 Aspect, BHQ
0094/019515	CHNH/3RYG/ACE	3 Aspect, UHQ Tall Housing
0094/019509	CHNH/SRYG/ACE	3 Aspect, UHQ Short Housing
0094/019510	CHNF/SRYG/ACG	3 Aspect, BHQ Short Housing



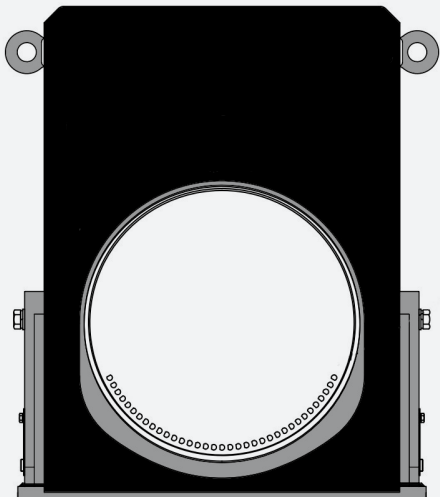
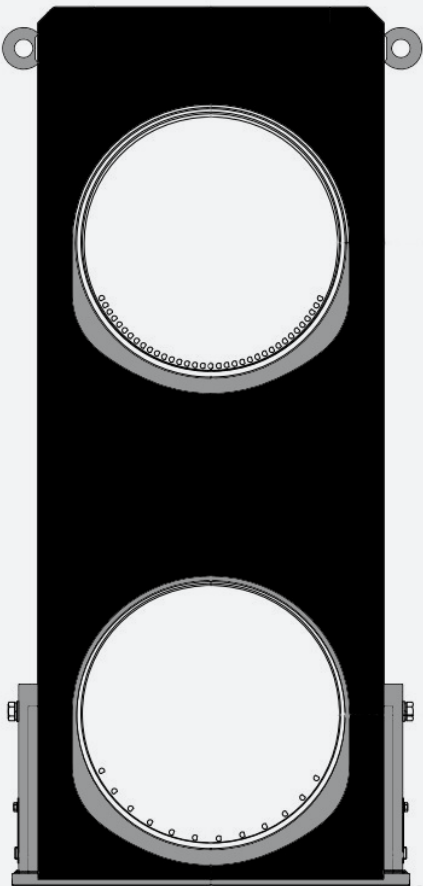
Catalogue Numbers

Tunnel Signal Heads (Current Proved)

Catalogue Number	Unipart Dorman Part Number	Description
0094/019349	CALT/RYG/AAG	4 Aspect CLS LITE Tunnel Long Range BHQ
0094/019347	CALT/SRYG/AAG	3 Aspect CLS LITE Tunnel Long range BHQ

Tunnel Signal Heads (Double Cut, Voltage Free Contact Proving)

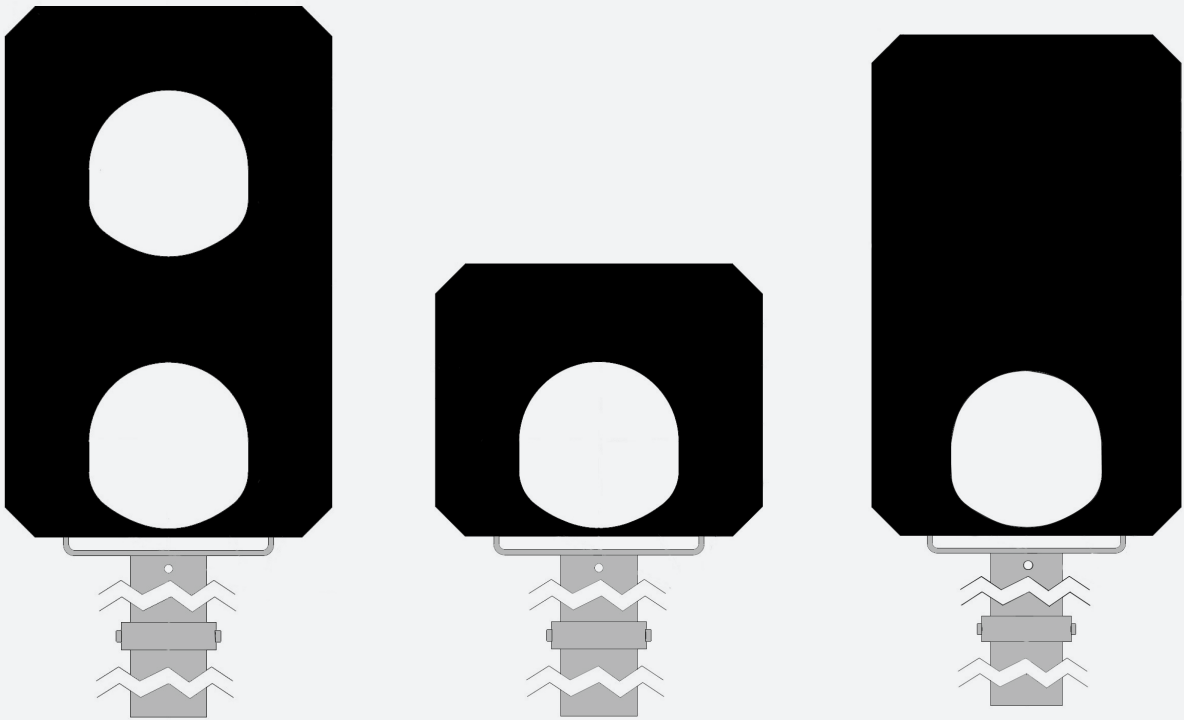
Catalogue Number	Unipart Dorman Part Number	Description
0094/019366	CALT/RYG/AAG	4 Aspect CLS LITE Tunnel Long Range BHQ
0094/019364	CALT/SRYG/AAG	3 Aspect CLS LITE Tunnel Long range BHQ



Catalogue Numbers

Replacement Signal Frames

Catalogue Number	Unipart Dorman Part Number	Description
0094/019334	D04.03623	4 Aspect (Frame only)
0094/019335	D04.03624	3 Aspect Tall (Frame only)
0094/019336	D04.03625	3 Aspect Short (Frame only)

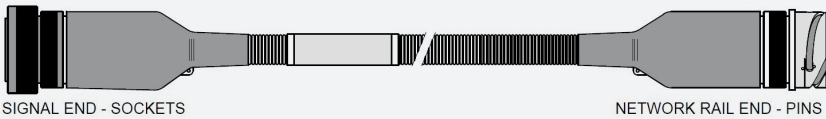


These spare frames are supplied without modules fitted and are only for use in the GRP Post and Assisted Lift Trunnion Assembly

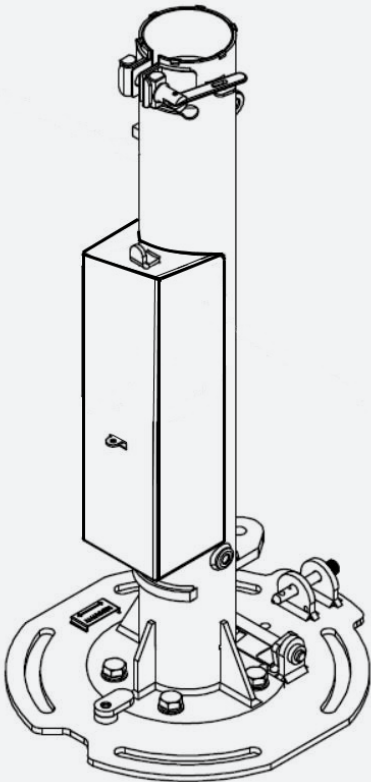
Catalogue Numbers

Trunnion and Accessories

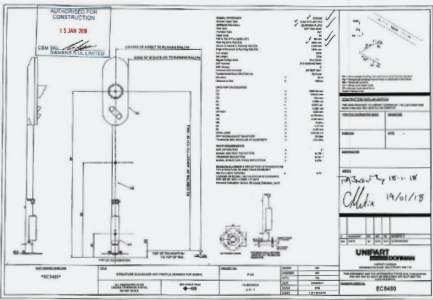
Catalogue Number	Unipart Dorman Part Number	Description
0094/019337	B20.19423	Standard ALT
Please Contact Unipart Dorman	Part Number generated for each individual signal	GRP Signal Post
Please Contact Unipart Dorman	D04.03687	13 Way Extension Cable (Trunnion to Head)
0050/562158	D04.03246	Supply and Fit Signal ID Plate (All Types)
0050/560275	Part Number generated for each individual signal	Deflection Calculations and Drawing
0050/562940	-	ALT and CLS LITE Product Overview (Training)



13 way cable from Trunnion to Head



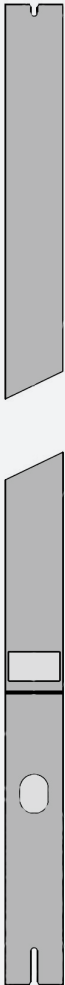
Standard ALT



Deflection Calculations and Drawing



Signal ID Plate



GRP Post (Always cut to order and may use an internal liner)

Contact us today to learn how we can help your business improve reliability, efficiency and safety in railway operations.



Click or scan
to contact us