



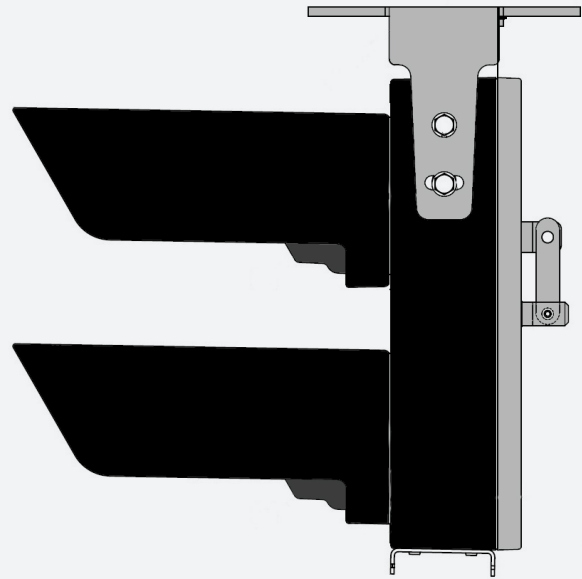
Performance in motion



Miniature Close Up Signal



The Unipart Dorman Miniature Close Up (MCU) Signal provides drivers drawn up alongside a main Colour Light Signal.



With a co-acting repeat of the Aspect shown, where the standard close up viewing element of the Colour Light is insufficient to give an unambiguous instruction to the driver.

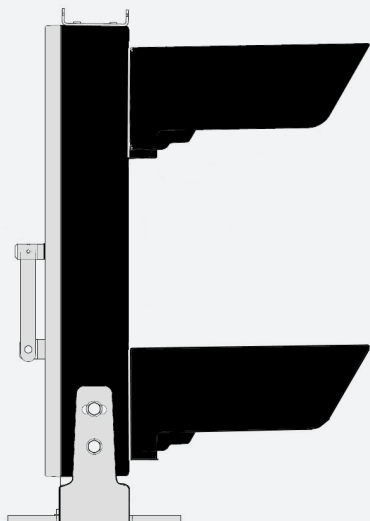
The MCU utilise 'Ground' orientated modules and should only be mounted at or below the driver's eye level and the signal shall only be used at very short range and at, or near a standstill.

Performance Characteristics

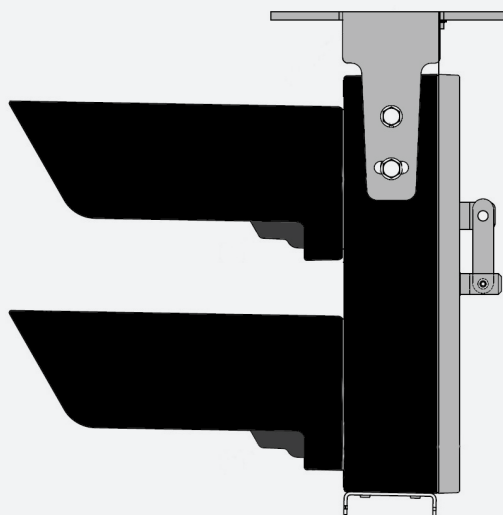
Product Approval Certificate	PA05/02555
Nominal Operating Voltage	110 Vac or 120 Vdc
Operating Voltage Range AC	88-121 V
Operating Voltage Range DC	88-145 V
Nominal Operating Current	300 mA at 110Vac
Electrical Connector Type	Free Wired to 2BA Terminal Bar
Ingress Protection Rating	IP 65
Operating Temperature Range	-25°C to +40°C
Readability	NA - the train will be at or near a standstill
Product Weight	Signal (4 Aspect) 13Kg Signal (3 Aspect) 12Kg Module only 1.6Kg
For product instructions and dimensioned drawings please visit:	www.unipartdorman.co.uk

Product Configuration

The MCU is available in 2 configurations, base mounted for mounting on posts etc and top mounted for suspension from a structure.



Base Mounted (4 Aspect)



Top Mounted (3 Aspect)

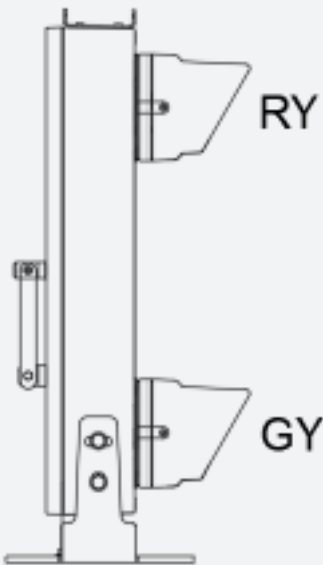
Aspect Display

Dual colour Miniature Tunnel Modules are used and can display Red/Yellow or Green/Yellow for the Colour Light Signal Aspects. Combinations of these modules are used to give Red, Yellow and Green aspects in a standard housing and where a 4 aspect signal is required the same modules are used but at a slightly increased separation in a taller housing.

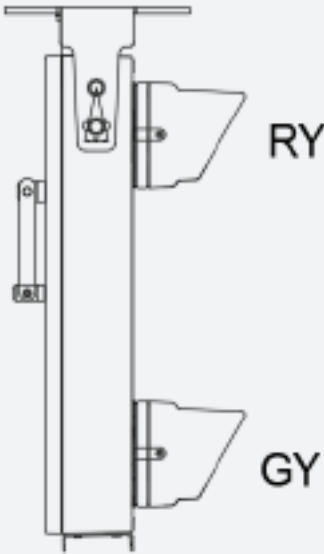
Module Build Standard

The complete signal and spare modules mimic the Mark 2 Miniature Tunnel Signal Modules as described below and care should be taken to order the correct spares, as standard Signal Lamp Modules are not compatible with the MCU casing.

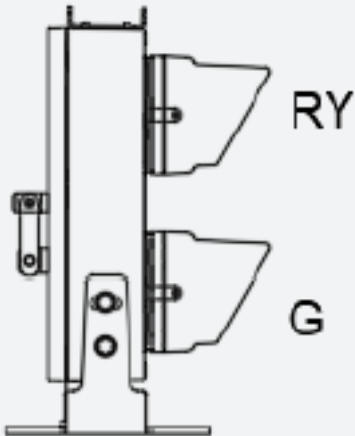
Product Configuration



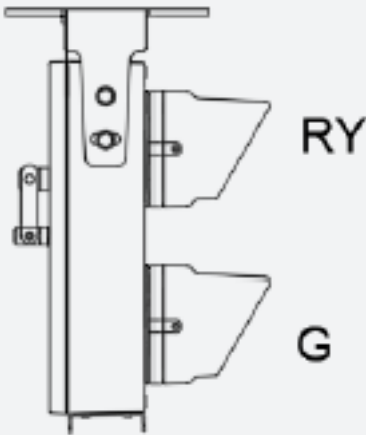
4 Aspect
Base Mounted



4 Aspect
Top Mounted

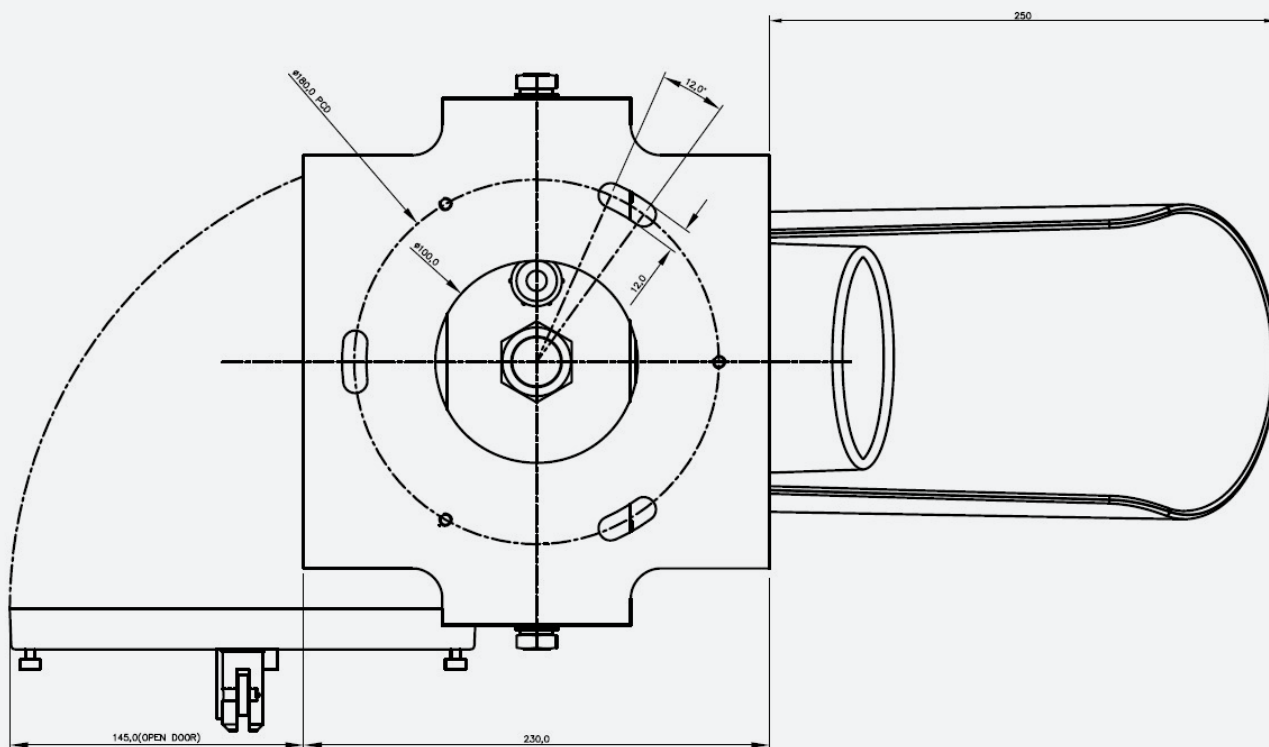


3 Aspect
Base Mounted



3 Aspect
Top Mounted

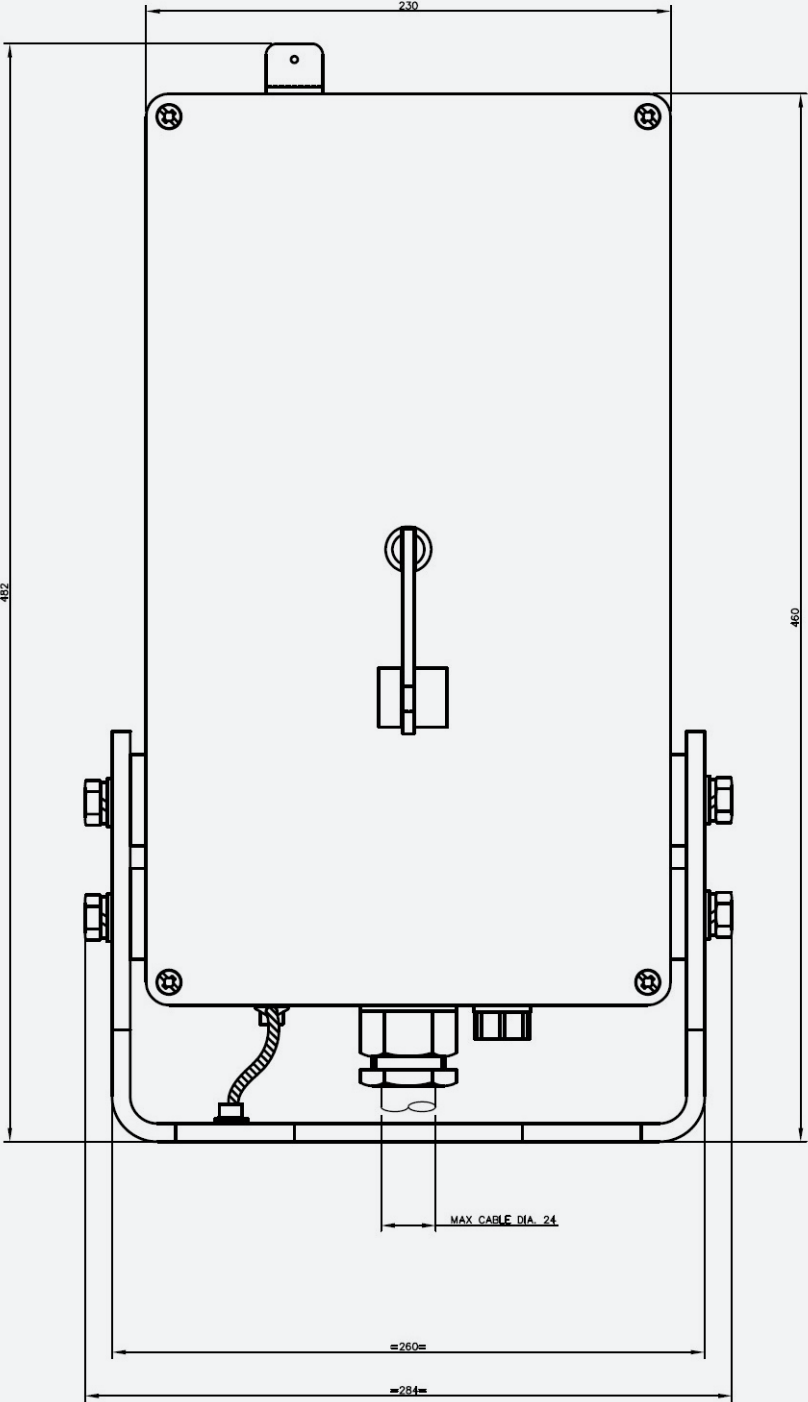
Product Configuration



The mounting plate shown is for a base mounted signal – the top mounted signals use exactly the same mounting plate. Where the signal needs to be mounted on a standard CLS post an adaptor plate shown in the accessories section is available.

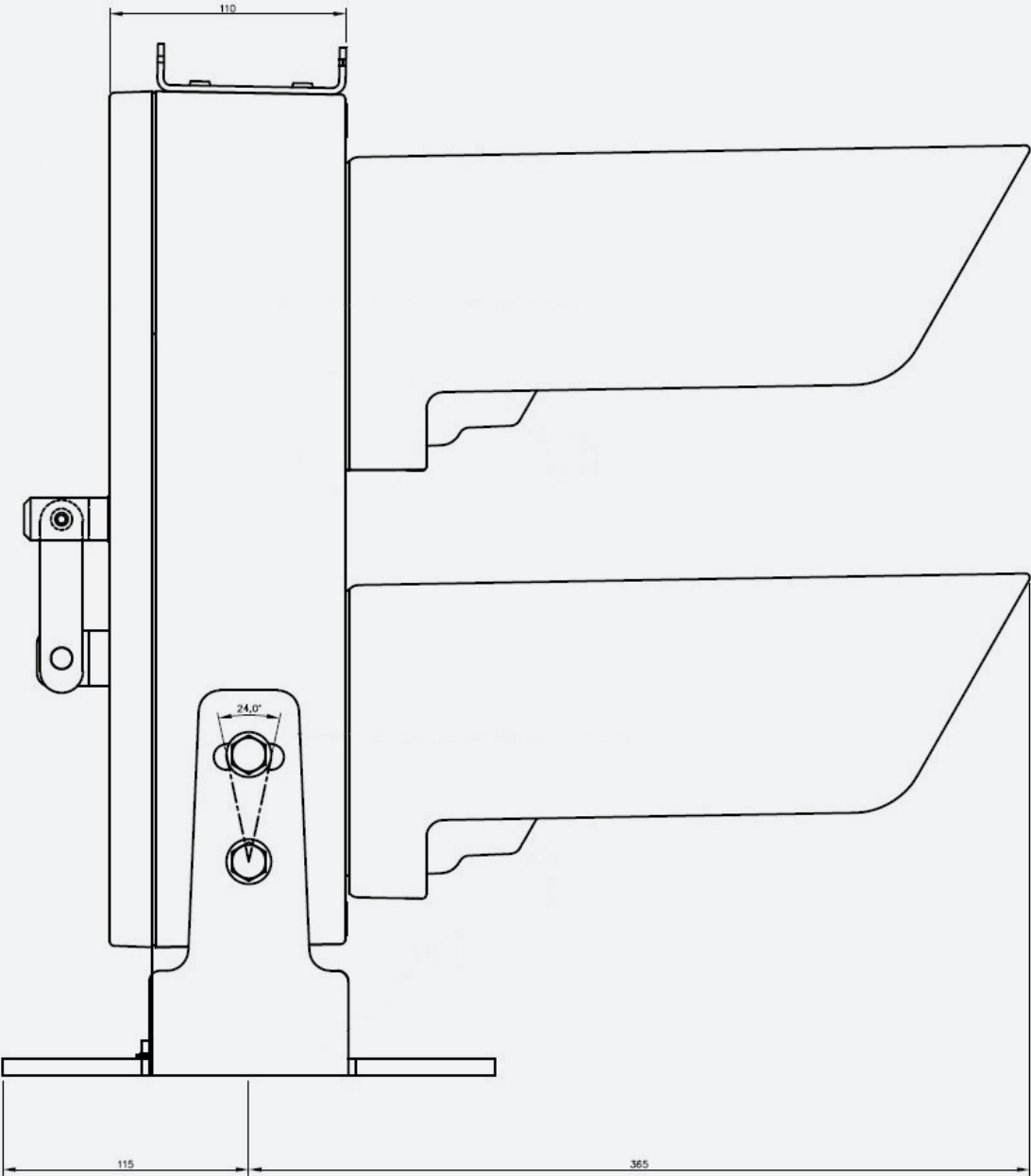
Product Configuration

3 Aspect



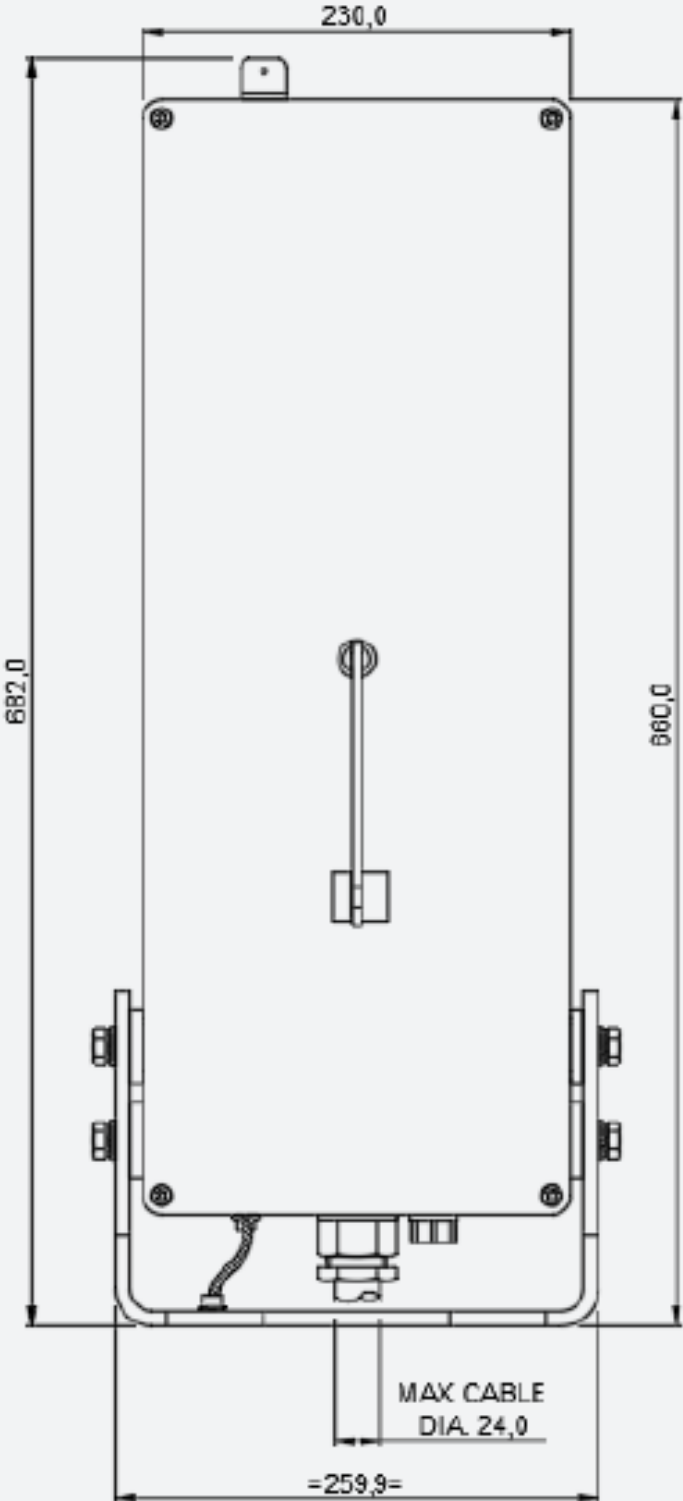
Product Configuration

3 Aspect



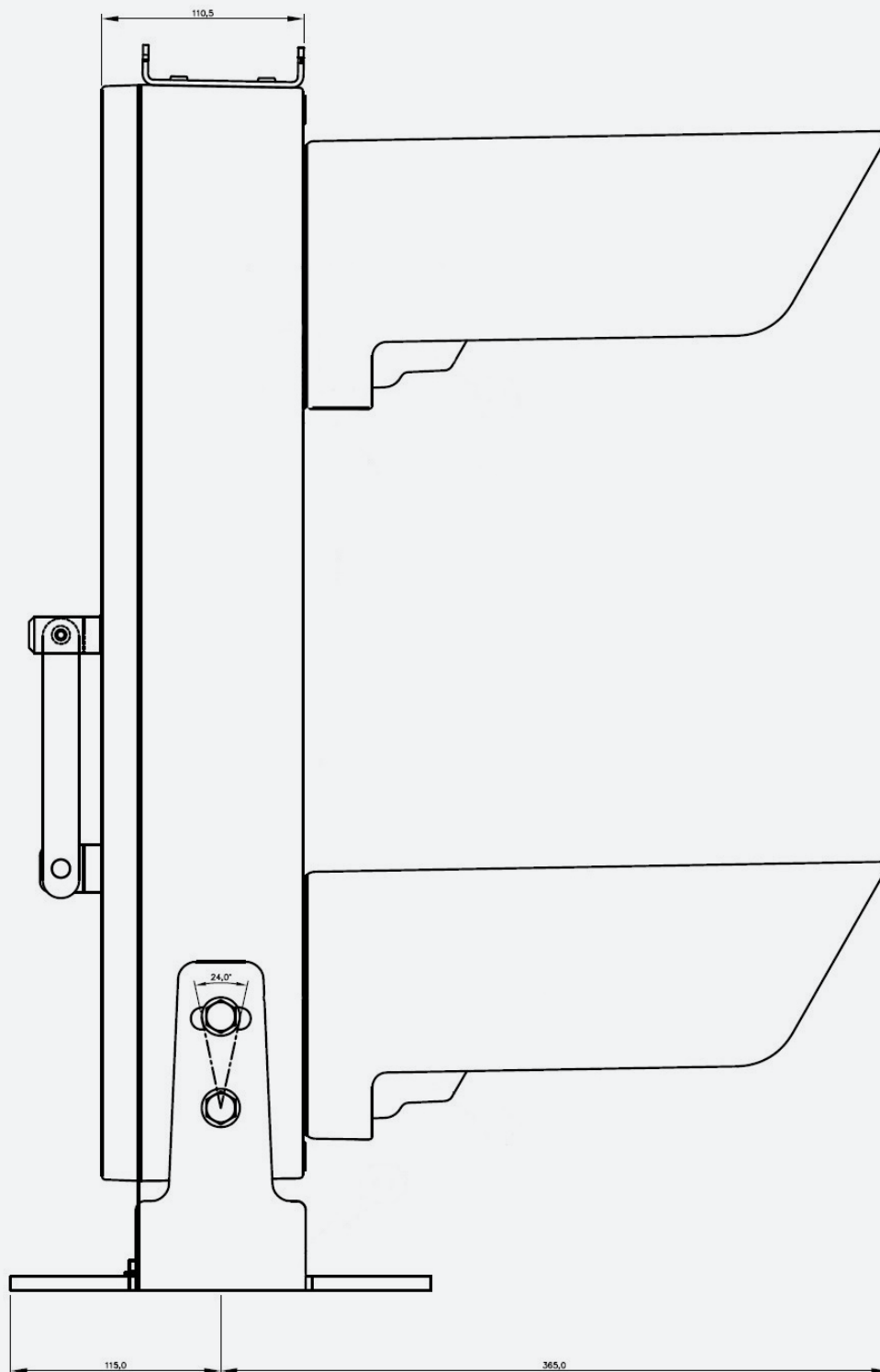
Product Configuration

4 Aspect



Product Configuration

4 Aspect



Catalogue Numbers

Signals

Catalogue Number	Unipart Dorman Part Number	Description
0086/0008663	M2CSH/RYGY/1P/G	RYGY Miniature Close Up Signal (Base Mounted)
0086/0008664	M2CSH/RYGY/1P/R	RYGY Miniature Close Up Signal (Top Mounted)
0086/0008665	M2CSH/3RYG/1P/G	RYG Miniature Close Up Signal (Base Mounted)
0086/0008666	M2CSH/3RYG/1P/R	RYG Miniature Close Up Signal (Top Mounted)

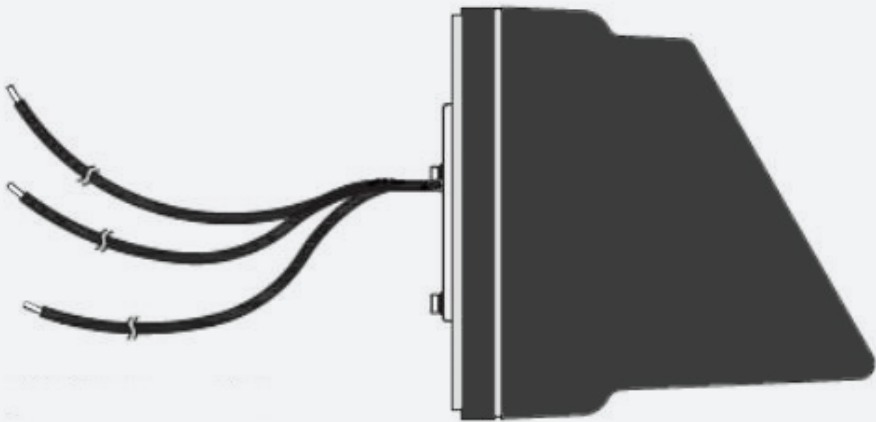
There are 3 aspect signals at Penzance Station with 3x single colour modules.

These are no longer available and have been superseded by 0086/008665 and 0086/008666

Catalogue Numbers

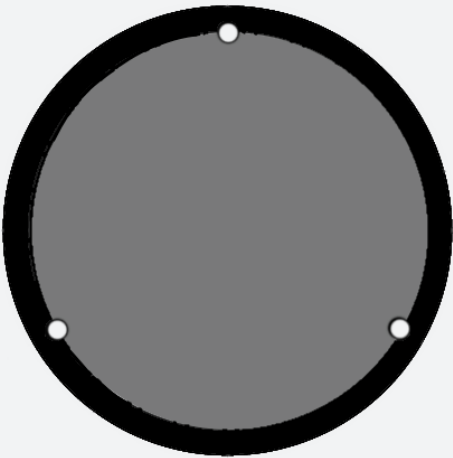
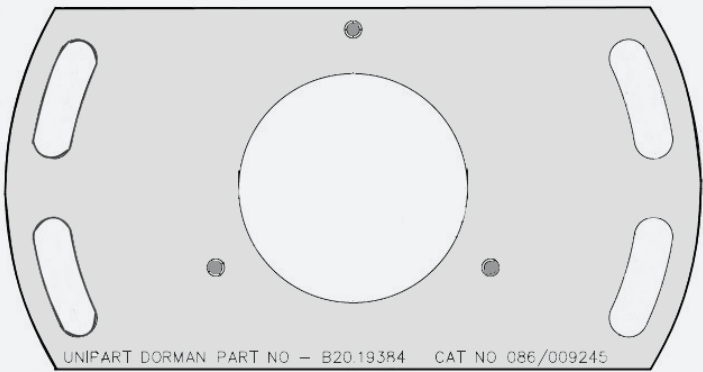
Spare Modules

Catalogue Number	Unipart Dorman Part Number	Description
0086/008667	MCM2/R/Y/1/P/G	Red/Yellow Module
0086/008668	MCM2/G-/1/P/G	Green Module
0086/008669	MCM2/GY/1/P/G	Green/Yellow Module



Accessories

Catalogue Number	Unipart Dorman Part Number	Description
0086/009245	B20.19384	Mounting Adaptor Plate. Enables Unipart Dorman LED Miniature PoSA to be used on a Standard Colour Light Signal base (BRS-SE81)
0086/009168	B20.19193	Aperture Blank Plate



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