MOFLASH SIGNALLING

LED-TL Assembly



Overview

VISUAL SIGNALS - INDUSTRIAL - LED TRAFFIC LIGHT BEACONS

The LED Traffic Light has been designed for industrial & commercial signalling applications where a low maintenance, long life and a cost effective solution is required. The TL system is suitable for car park management, factory traffic control, automated gate and door control systems for both indoor & outdoor applications.

The factory assembled units are available in **double** (Red & Green) or **triple** (Red, Amber & Green) mounting configurations and supplied fully assembled, pre-wired and mounted on wall brackets ready for immediate installation.

All colour modules incorporate a jumper link on the PCB that allows the unit to flash once energised. Termination is in the base of the bottom unit and can be accessed via 1 x M16 cable gland. The mounting brackets allow the units to be off set against the mounting structure giving the traffic lights 180 degree of angle movement, optimising the visual indication position.

Features

- Continuously rated
- Flashing or Static
- Blue or White colour options available
- Low current consumption
- Suitable for surface or wall mounting
- Fully assembled & ready for installation
- 120° light output around the horizontal axis
- Available in 12vAC/DC, 24vAC/DC, 48vAC/DC and 115/230vAC/DC

Material

- UV Stable Polycarbonate Lens & Shroud
- UV Stable ABS Plastic Base

*Flashes Per Minute

IP 65

36 SMT LED

60 or 120 FPM*

-25 to +55°C

50/60Hz

APPROVALS & CONFORMITIES

ISSUE 1

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Ordering Information

Voltage		Ordering Information Double Assembly Unit - Red & Green Lens		Mode & Current Consumption		
Nominal Voltage	Voltage Range	Red	Green	Flashing @60FPM	Flashing @120FPM	Static
12vAC/DC	8-20vAC/DC	LED-TL-01-02-04		94mA @12vDC	89mA @12vDC	158mA @12vDC
24vAC/DC	20-30vAC/DC	LED-TL-02-02-04		70mA @24vDC	67mA @24vDC	120mA @24vDC
48vAC/DC	35-85vAC/DC	LED-TL-03-02-04		43mA @48vDC	42mA @48vDC	76mA @48vDC
115-230vAC/DC	85-280vAC/DC	LED-TL-05-02-04		24mA @230vAC	25mA @230vAC	28mA @230vAC

Voltage		Ordering Information Triple Assembly Unit - Red, Amber & Green Lens			Mode & Current Consumption		
Nominal Voltage	Voltage Range	Red	Amber	Green	Flashing @60FPM	Flashing @120FPM	Static
12vAC/DC	8-20vAC/DC	LED-TL-01-02-01-04			94mA @12vDC	89mA @12vDC	158mA @12vDC
24vAC/DC	20-30vAC/DC	LED-TL-02-02-01-04			70mA @24vDC	67mA @24vDC	120mA @24vDC
48vAC/DC	35-85vAC/DC	LED-TL-03-02-01-04			43mA @48vDC	42mA @48vDC	76mA @48vDC
115-230vAC/DC	85-280vAC/DC	LED-TL-05-02-01-04			24mA @230vAC	25mA @230vAC	28mA @230vAC

Effective Candela (Cd) - Formula Blondel-Rey		
Amber	Red	Green
131.28	147.19	122.05

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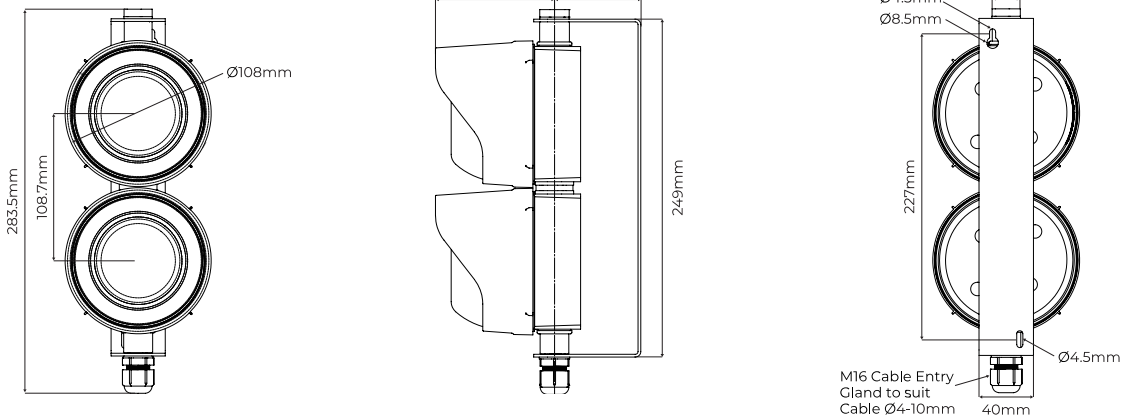
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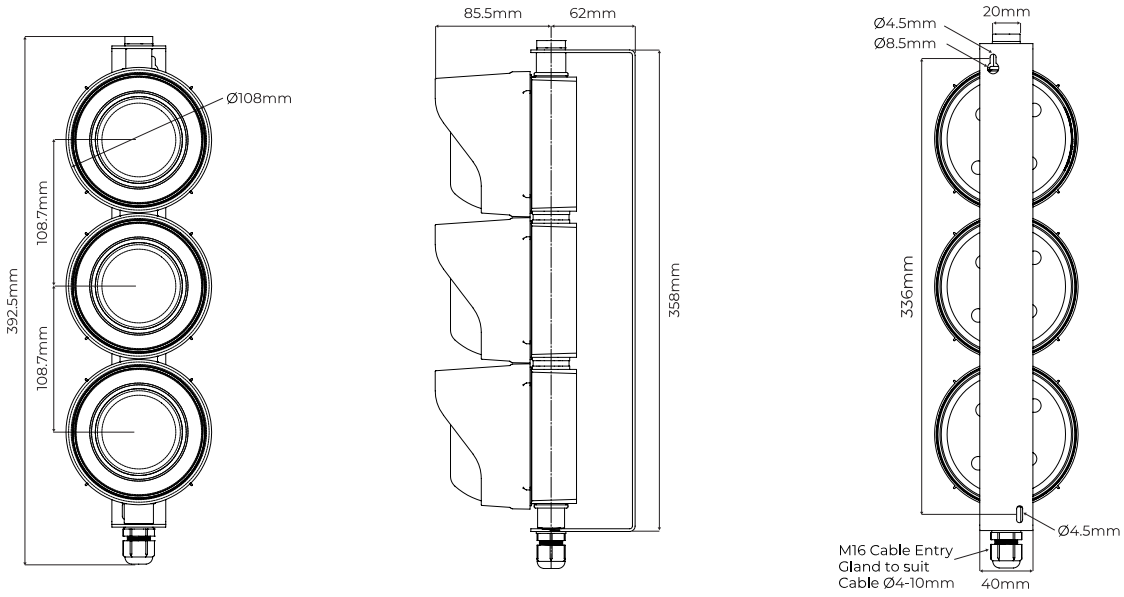
Weights & Dimensional Drawings

	Double Unit				Triple Unit			
Kg	**12v**	**24v**	**48v**	**115-230v**	**12v**	**24v**	**48v**	**115-230v**
Net Weight	0.658	0.658	0.710	0.716	0.926	0.926	1.007	1.017
Gross Weight	0.748	0.748	0.800	0.806	1.058	1.058	1.139	1.149

Double Traffic Light, Bracket Mount



Triple Traffic Light, Bracket Mount



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