

DATE

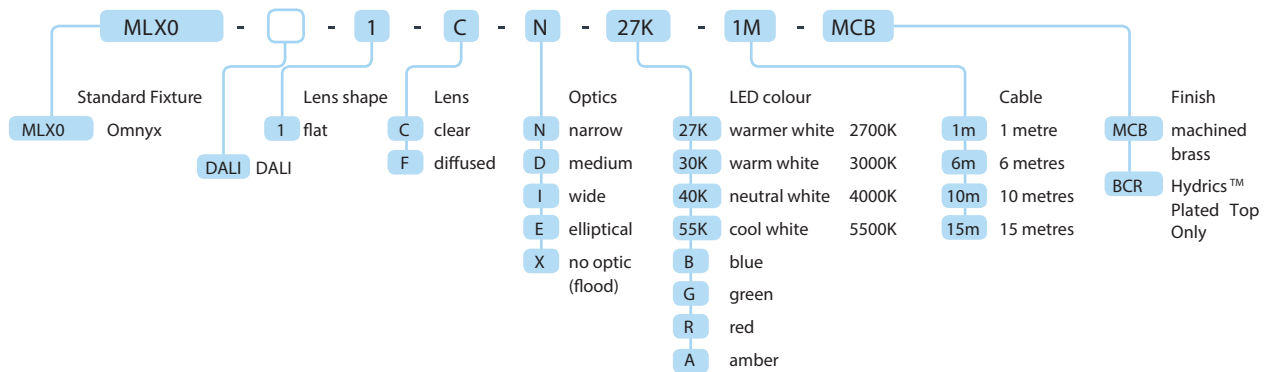
PROJECT

TYPE



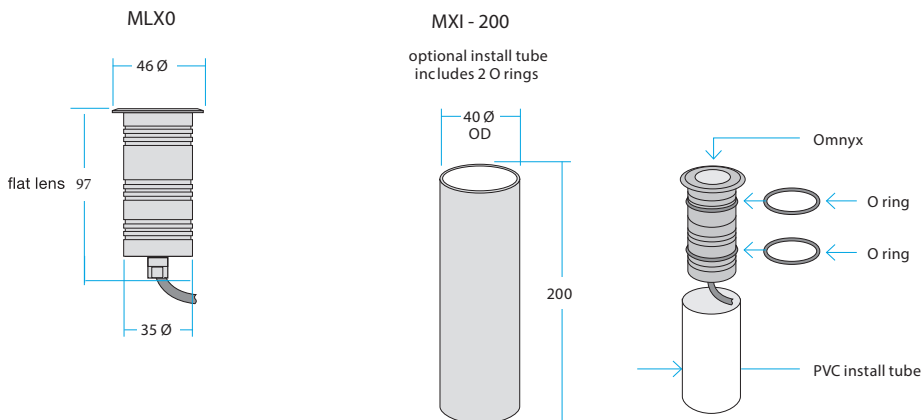
Specification Code

Select from available options to configure luminaire.



Dimensions

All measurements are shown in mm.





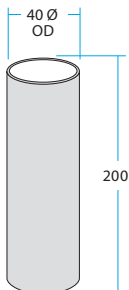
MLX0

Luminaire Specifications

IP rating	Ingress Protection IP68				
Materials & finish	thermally optimised DZR brass / optional Hydrics™ plated finish				
Lens	clear or diffused 5mm flat tempered glass or 11mm domed tempered glass				
Performance	> 70% lumen maintenance at 50,000 hours (25° C)				
Ambient temperature	-25° C to +45° C operating range with electronic thermal management				
Light source	CREE™ XP LED available in blue, green, red, amber &				
	warmer white 2700K - 3000K	neutral white 4000K	cool white 5500K		
CRI	85 ~ 90	80 ~ 85	75		
Luminous intensity	up to 100 lumens				
Optic	narrow 14°, medium 29°, wide 38°, elliptical 44° x 12°, flood > 100° (no optic) offers the widest distribution				
Efficacy	up to 100 lumens per watt depending on colour temperature				
Power	1W total wattage including integral VDi™ driver				
VDi™ input range	8V ~ 55V DC				
Ambient temperature	-20° C to +50° C operating range				
Control	DALI (manufactured without an internal VDI and supplied with an external constant current driver), non-dimmable				
Power Supply	Optimo High Performance IP67 Power Supply Units can power the maximum number of luminaires				
		MLE-OM-150W		135	
		MLE-OM-60W		54	
Weight	0.39 kg				
LED Boards	White Omnyx	Green Omnyx	Amber Omnyx	Red Omnyx	Blue Omnyx
Max Forward Voltage (V)	3.5	3.8	2.8	3	3.9
Max Current (mA)	300	300	300	300	300

Accessories

Optional Install Tube
also includes 2 O rings



MXI-200



Power Supply

MLE-OM-150W	150 watts
MLE-OM-60W	60 watts

Omnyx Photometrics

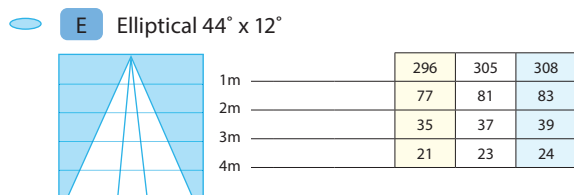
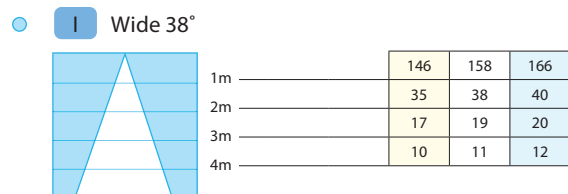
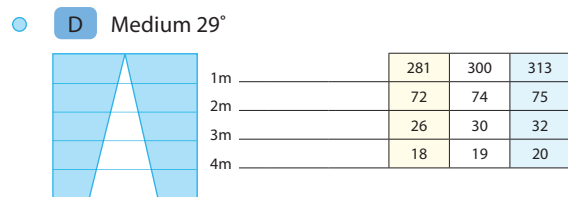
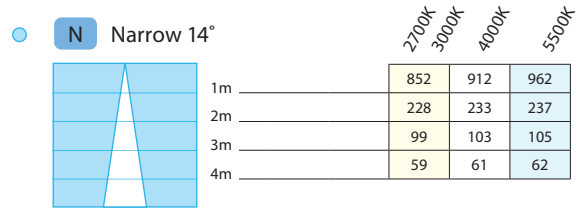
Light level (LUX) readings

The following tests were performed in 25 degrees ambient temperature after 2 hours of operation. These results were measured using a HAGNER light meter calibrated by a NATA approved laboratory.

- warmer white 2700K – 3000K
- neutral white 4000K
- cool white 5500K

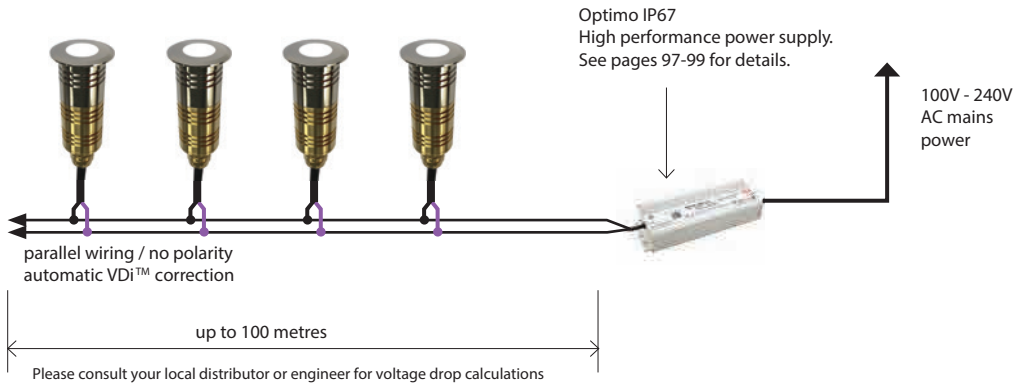


MLX0

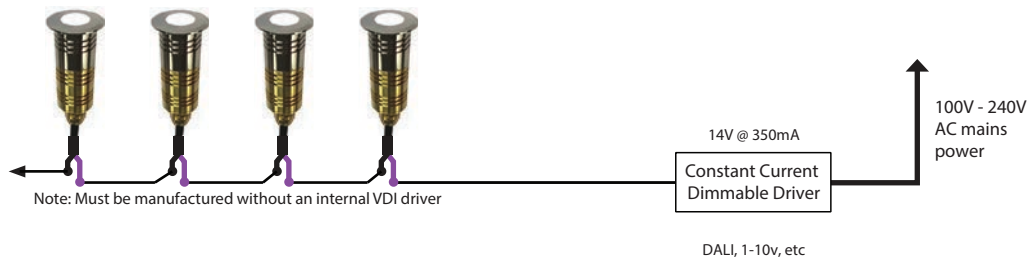
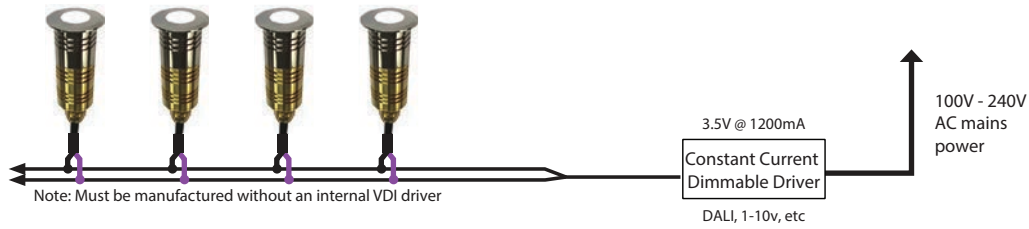


System Layout Fixed

Quantity of luminaires per power supply
Refer to Power Supply in the Technical Specifications table on the next page.



System Layout Dimmable



2 Core cable
8.5mm Ø



Blue & Brown
DC voltage input