

DATE

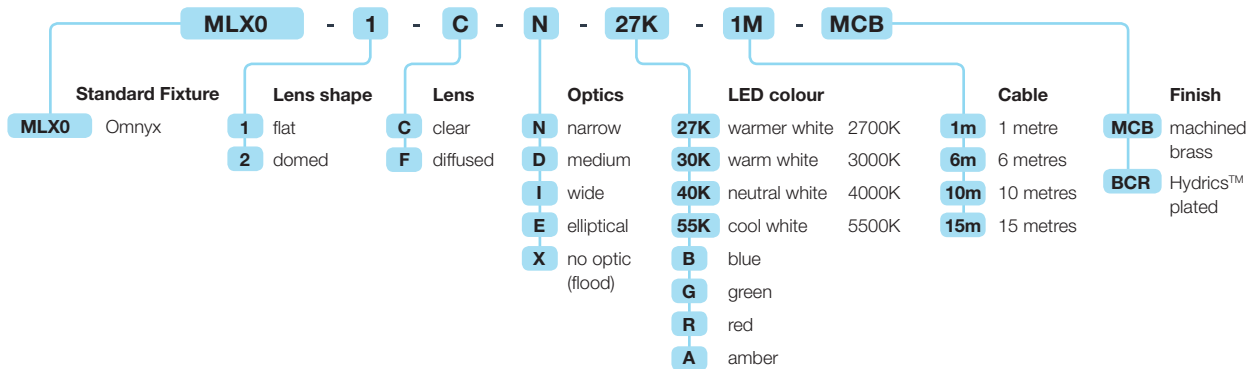
PROJECT

TYPE



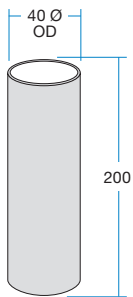
## Specification Code

Select from available options to configure luminaire.



## Accessories

Optional Install Tube  
also includes 2 O rings



**MXI-200**



Power Supply

- MLE-OM-240W** 240 watts
- MLE-OM-150W** 150 watts
- MLE-OM-60W** 60 watts



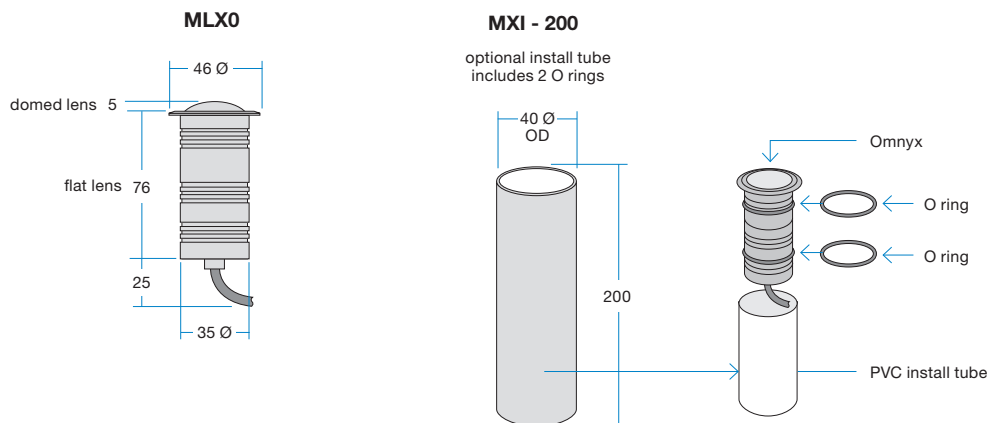
**MLX0**

## Luminaire Specifications

<b>IP rating</b>	Ingress Protection IP68		
<b>Materials &amp; finish</b>	thermally optimised DZR brass / optional Hydrics™ plated finish		
<b>Lens</b>	clear or diffused 5mm flat tempered glass or 11mm domed tempered glass		
<b>Performance</b>	> 70% lumen maintenance at 50,000 hours ( 25° C )		
<b>Ambient temperature</b>	-25° C to +45° C operating range with electronic thermal management		
<b>Light source</b>	CREE™ XP LED available in blue, green, red, amber &		
	warmer white 2700K - 3000K	neutral white 4000K	cool white 5500K
<b>CRI</b>	85 ~ 90	80 ~ 85	75
<b>Luminous intensity</b>	up to 100 lumens		
<b>Optic</b>	narrow 14°, medium 29°, wide 38°, elliptical 44° x 12°, flood > 100° ( no optic ) offers the widest distribution		
<b>Efficacy</b>	up to 100 lumens per watt depending on colour temperature		
<b>Power</b>	1W total wattage including integral VDi™ driver		
<b>VDi™ input range</b>	8V ~ 55V DC		
<b>Ambient temperature</b>	-20° C to +50° C operating range		
<b>Control</b>	non-dimmable		
<b>Power Supply</b>	<b>Optimo High Performance IP67 Power Supply Units</b> can power the maximum number of luminaires	<b>MLE-OM-240W</b>	240
		<b>MLE-OM-150W</b>	150
		<b>MLE-OM-60W</b>	60
<b>Weight</b>	0.39 kg		

## Dimensions

All measurements are shown in mm.



# Omnyx Photometrics

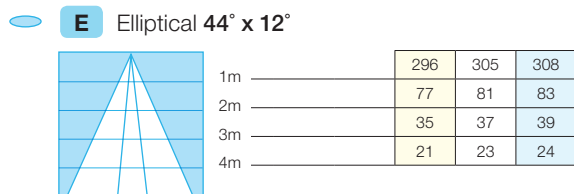
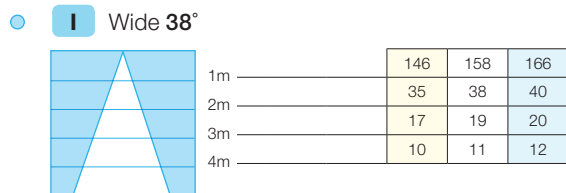
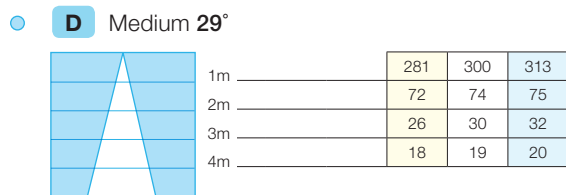
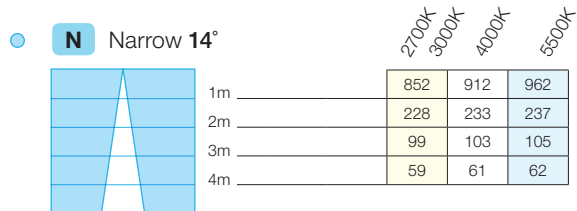
## Light level ( LUX ) readings

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



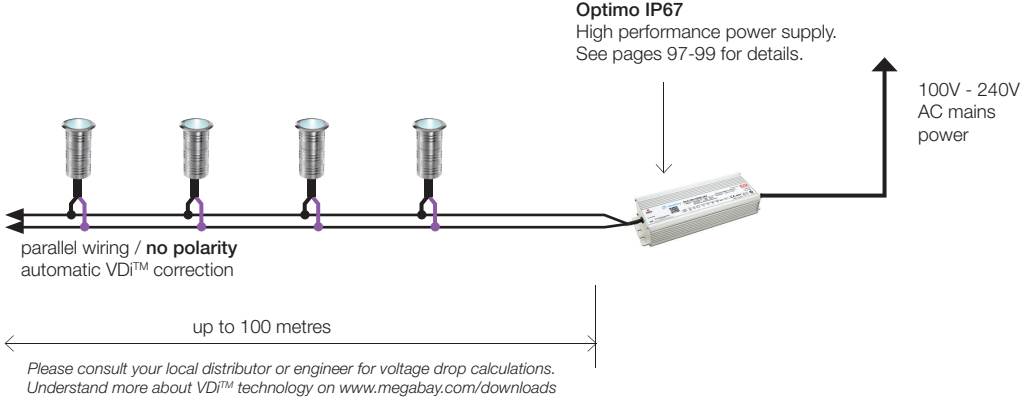
**MLX0**



# Omnyx Schematics

## System Layout

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



**2 Core** cable  
6.5mm Ø



**Black & Purple**  
DC voltage input