

# Osirion 5/11

RECESSED INGROUND  
& WALL MOUNTED LED LIGHT  
**SPECIFICATION SHEET**



DATE

PROJECT

TYPE



**OS11**  
Osirion 11



**OS5**  
Osirion 5



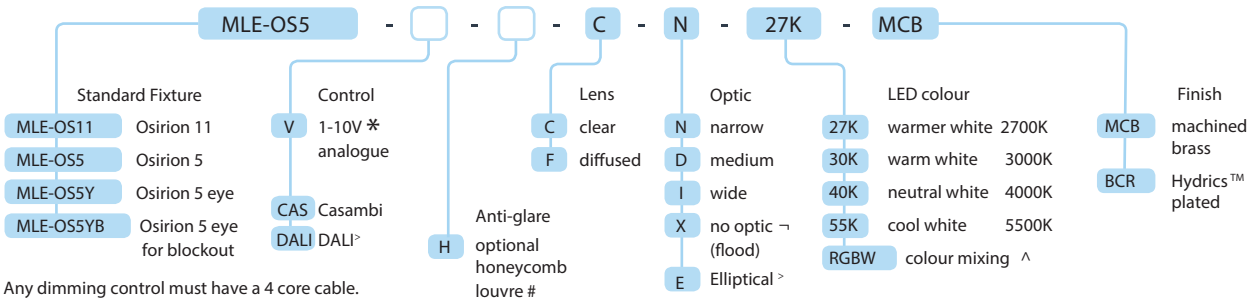
**OS5Y**  
Osirion 5 EYE



**OS5YB**  
Osirion 5 EYE  
installed with blackout

## Specification Code

Select from available options to configure luminaire.



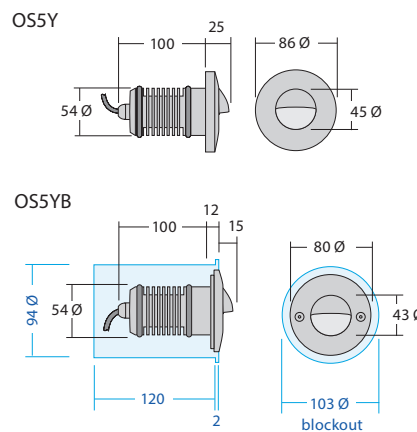
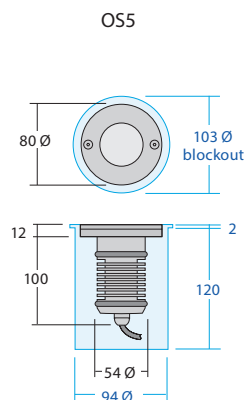
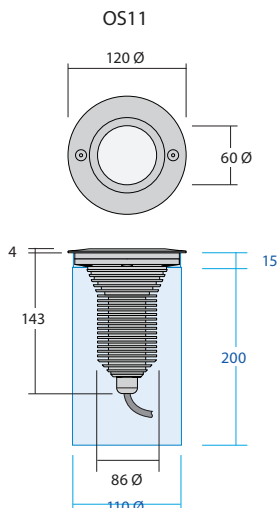
- \* 1-10V analogue control is optional for white LED luminaires.
- ^ RGBW luminaires are powered by the RGBW LED Driver, which can be controlled by DALI or DMX512.
- No optic may provide uneven patterns on flat surfaces.
- # Not suitable for RGBW and Elliptical.
- > Elliptical optics are not compatible with RGBW or OS11.
- > Must be paired with a 24V PSU

## Dimensions

All measurements are shown in mm.

■ Luminaire measurements

■ Blockout measurements



# Osirion 5/11 Technical Specifications



OS5 OS5Y / B OS11

## Luminaire Specifications

IP / IK rating	IP67 Ingress Protection		
Materials & finish	thermally optimised DZR brass / optional Hydrics™ plated finish		
Lens	clear or diffused tempered glass		
Performance	> 70% lumen maintenance at 50,000 hours ( 25° C )		
Ambient temperature	-25° C to +50° C operating range with electronic thermal management		
Optic	narrow 19°, medium 26°, wide 35°, Elliptical 45° x 15° flood > 100° ( no optic ) offers the widest distribution	OS5 / OS5Y / OS5YB	
	narrow 18°, medium 25°, wide 36°	OS11	
Weight	0.88 Kg	0.95 Kg	2.20 Kg



## White Luminaire

Light source	Luxeon™ LED available in			Luxeon™ M	CREE™ XP LED
	warmer white 2700K - 3000K	neutral white 4000K	cool white 5500K		
CRI	85 ~ 90	80 ~ 85	75		
Luminous intensity	IES photometric files available			up to 400 lumens	up to 1320 lumens
Efficacy	lumens per watt depending on colour temperature			up to 80	up to 110
Power	total wattage including integral VDi™ driver			5W	11W
VDi™ input range				18V ~ 55VDC	26V ~ 55VDC
Control	optional 1-10 volt analogue , Casambi, DALI				
Power Supply	Optimo High Performance IP67 Power Supply Units can power the maximum number of luminaires	MLE-OM-320W		57	26
		MLE-OM-240W		43	19
		MLE-OM-150W		26	12
		MLE-OM-60W		10	4



## RGBW Luminaire

OS5 OS5Y / B OS11

Light source	CREE™ MC-E quad chip RGBW LED		
CRI	variable depending on colour mix		
Efficacy	up to 95 lumens per watt		
Power	total wattage	4W	10W
Control	DMX512, DALI or Casambi via PDR-A		
RGBW Driver	MLE-PDR can power the maximum number of luminaires	12	4

# Osirion 5/11 Photometrics

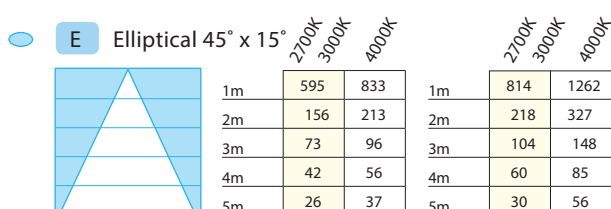
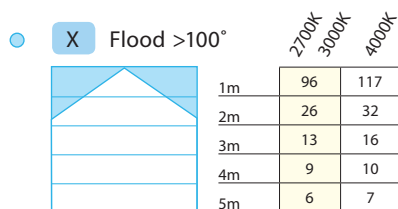
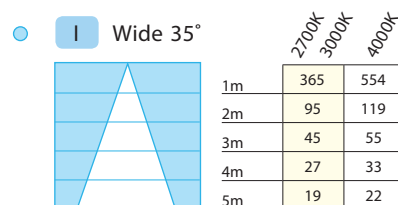
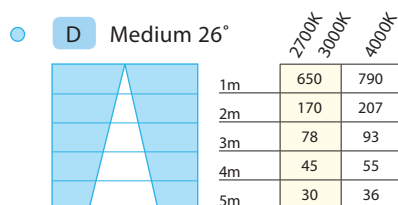
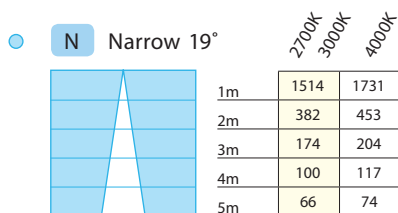
## Light level (LUX) readings

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



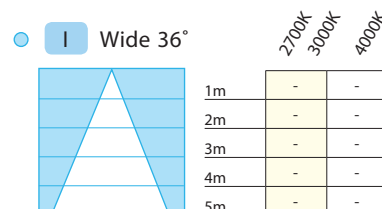
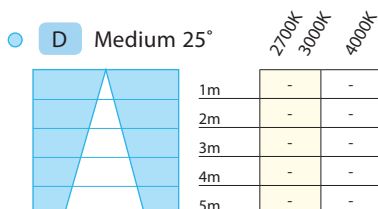
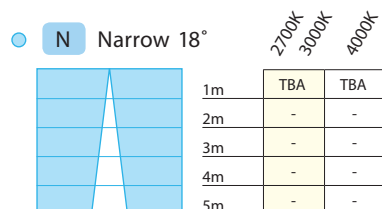
OS5 OS5Y OS5YB



(Flood - no optic - offers the widest distribution)



OS11



# Osirion 5/11 Accessories

## Accessories



OS11 Recessed Blockout

MLE-OS11-BKOUT



OS5 / OS5YB Round Blockout

- M1540 - BCR
- M1540 - MCB

### Power Supply

- MLE-OM-320W 320 watts
- MLE-OM-240W 240 watts
- MLE-OM-150W 150 watts
- MLE-OM-60W 60 watts



## RGBW Accessories



Quick link connector

MLE-RGBW-QK



10 core cable

MLE-RGBW-?M

### RGBW LED driver



MLE-PDR-A



MLE-PDR-M



IP66 enclosure for PDR

MLE-PDR-IP66



Casambi Module

CBU-ASD

## White Accessories



DALI

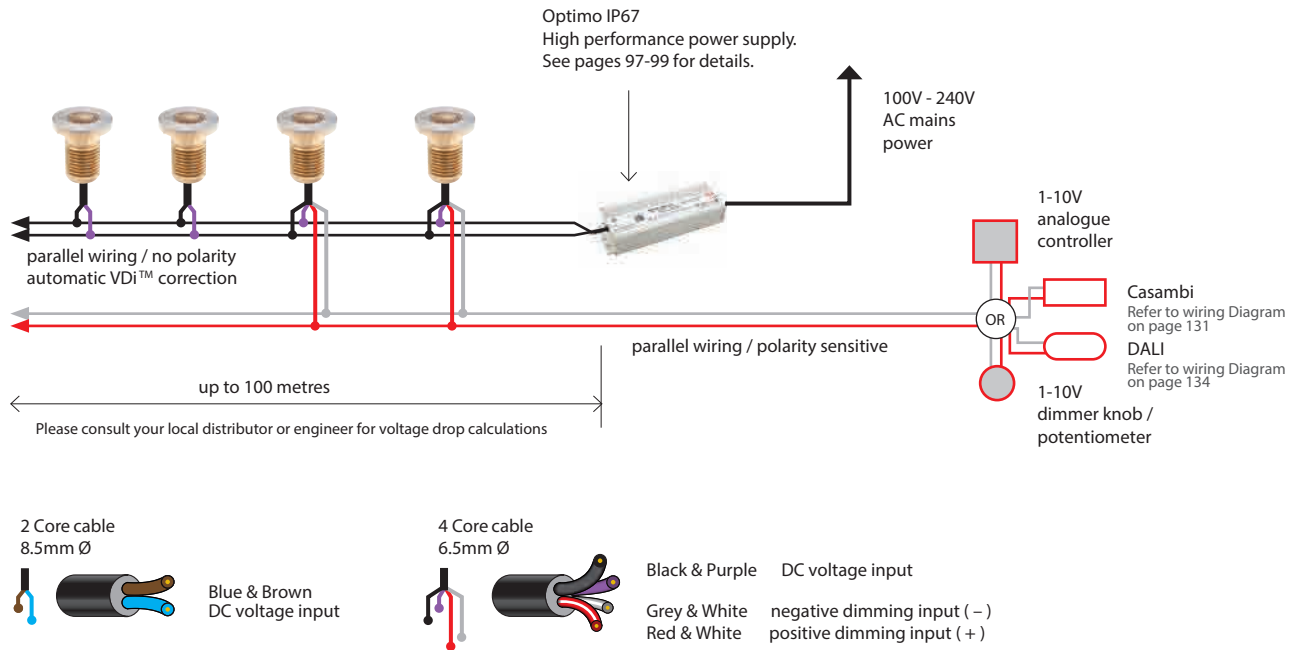


CBU-ASD

# Osirion 5/11 Schematic

## White System Layout

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



## RGBW System Layout

Quantity of luminaires per driver  
Refer to RGBW Driver in the Technical Specifications table on the next page.

