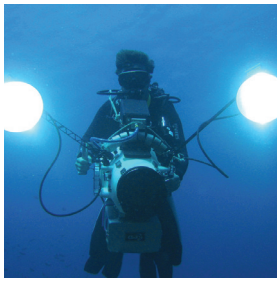
OMD TECHNOLOGY

UNDERWATER & WET WEATHER LIGHTING

OMD Technology Pty Ltd is a global leader in underwater & wet weather lighting. Engineered by a select team of marine lighting specialists and distributed by Panavision Lighting and Lee Lighting, OMD Technology lights are tailor-made to meet the demanding requirements of the film and live-entertainment industries.



OMD's main stable of wet weather and underwater lights include AC (240V & 110V) Incandescent & HMI, Fluorescents, battery pack DC lights and custom built solutions. See overleaf for a comprehensive list.

Suitable for both underwater and wet-weather applications, OMD lights are safe, durable, easy to use, reliable and powerful.

safe

OMD Technology meets international safety standards for underwater and wet-weather AC power lights. OMD lights are fitted with internationally approved cables and are unable to be powered without the earth leakage device operational. The range is depth-tested from 30 to 50 metres and can withstand extreme weather conditions from driving rain to snow storm. All lights feature shock-proof lens that withstand temperature differences of up to 300 degrees. The company's rigorous safety and maintenance practices ensure that each light is tested and tagged prior to dispatch.

durable

As no two jobs are the same, the OMD lighting range is designed to withstand the extreme conditions of underwater and wet-weather location shoots. All lights are marine-durable with stainless steel and titanium fittings, shock-proof lenses, sheath cables and advanced coating, preventing damage from electrolysis and corrosion. OMD Technology's innovative sealing systems enables the underwater and wet-weather lights to enjoy better protection from temperature and pressure differences.

easy-to-use

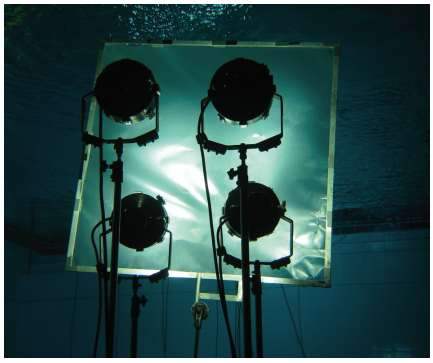
Perfect for all weather shoots, gaffers are able to 'set and forget' the wet-weather range without the hassle of rain protection and weather forecasting. Modular components and a broad range of accessories provide gaffers with configuration and application flexibility – both underwater and in wet weather environments. Designed to minimise schedule disruption, a universal lens and globe system enables swift part replacement.

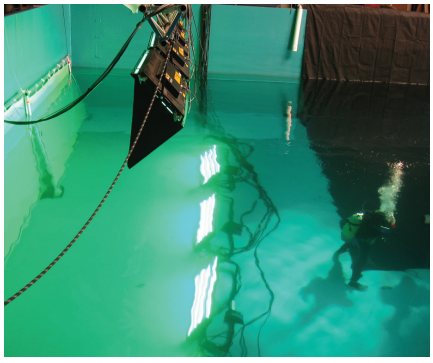
reliable

OMD Technology teams with Panavision Lighting, Australia, and Lee Lighting, Europe, to deliver unparalleled local maintenance and support. The global team follows rigorous safety and maintenance practices prior to dispatch and provides swift, on-call support. With OMD Technology representatives throughout Europe, Asia and Australasia, the nearest support team is only ever a phone call – or the next port away. With this level of maintenance and support, gaffers can rely on a dependable, consistent and powerful performance.

powerful

As the lightest and most compact underwater & wet weather lighting range in the industry, the OMD range is powerful and easy to handle, providing gaffers the most bang for their buck.





TUNGSTEN

MR-16 TUNGSTEN

CE Design Registered

The smallest light in the range, the OMD MR-16 can be used for both underwater and wet-weather applications. Ideal as an on-set practical or a hand-held highlight the unit can be easily mounted to a lighting or c-stand.

OPERATING SPECIFICATIONS
MR-16 TUNGSTEN

Voltage:	240V / 110 VAC AC
Colour Temp:	3200 degrees K tungsten
	Red 3000 K tungsten
	4000 K Fluorescents
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
	Wet-weather Continuous
Earth leakage:	Clipsal / OMD Technology
	230-240 V 10A 2400W max
	10mA residual trip

WEIGHT

Weight out of Water:	1kg (3.3lbs)
Weight In Water:	450gms (1lb)

FREIGHTING SPECIFICATIONS

Light Head Case (containing 6 heads)	
Weight:	12kg / 26lbs
Dimensions:	80cm L x 52.7cmWx 21cm D
Contents:	6 x OMD MR-16 heads
Cable Case	
Weight:	11.6kg / 22 lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	6 x 30m OMD MR-16 cable
	6 x OMD MR-16 ELB switch

MONSOON 650W, 1000W, 2000W

CE Design Registered

The OMD Monsoon 650w, 1000w, 2000w is the newest addition to our lighting range. With an increasing demand for a true wet and dry luminaire OMD's Monsoon offers a streamline design with better resistance to continuous dry, wet and underwater conditions.

OPERATING SPECIFICATIONS
MONSOON 650w, 1000w, 2000w TUNGSTEN

Voltage:	240V / 110 VAC AC
Colour Temp:	3200 degrees K
Depth:	100ft (30 metres)
	Deep water fixture 330ft (100 metres)
Duty:	650w - dry, wet underwater
	1000w - dry, wet underwater
	2000w - underwater only
Earth leakage:	Clipsal / OMD Technology
	230-240 V 10A 2400W max
	10mA residual trip

WEIGHT

Weight out of Water:	2.6kg (5.7lbs)
Weight In Water:	450gms (1lb)

FREIGHTING SPECIFICATIONS

Light Head Case	
Weight:	12kg / 26lbs
Dimensions:	55cm L x 31cmWx 31cm D
Contents:	1 x OMD Monsoon Head
Cable Case	
Weight:	5kg / 11lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 1k cable
	1 x OMD 1k ELB switch

5,000W TUNGSTEN

CE Design Registered

The OMD 5000w tungsten light is perfect for lighting underwater visual effect screens with its large diffused light beam. Light and easy to handle, the unit comes with a selection of reflectors to suit your shoot. This light is also available in 2000w via a simple globe change and as a 10,000w light by coupling two together.

OPERATING SPECIFICATIONS
5000w TUNGSTEN

Voltage:	240V / 110 VAC AC
Colour Temp:	3200 Kelvin tungsten
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 32A
	10mA residual trip

WEIGHT

Weight out of Water:	6kgs (13lbs)
Weight In Water:	450gms (1lbs)

FREIGHTING SPECIFICATIONS

Light Case	
Weight:	19kg / 42lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x OMD 5k head
Cable Case	
Weight:	17kg / 38lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 5k cable
	1 x OMD 5k ELB switch

10,000W TUNGSTEN

CE Design Registered

The OMD 10,000w tungsten light is the largest fixture offered in the OMD Tungsten range. We achieve this by coupling two OMD 5K lights together sharing one large cyc reflector mounting on either a turtle or lighting stand. Ideal for lighting underwater visual effect screens with its large diffused light beam.

OPERATING SPECIFICATIONS
10000w TUNGSTEN

Voltage:	240V / 110 VAC AC
Colour Temp:	3200 Kelvin tungsten
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 32A
	10mA residual trip

WEIGHT

Weight out of Water:	16kgs (35lbs)
Weight In Water:	3kgs (6.6lbs)

FREIGHTING SPECIFICATIONS

Light Head Case (containing 1 head)	
Weight:	19kg / 42lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x OMD 5k Head
Cable Case	
Weight:	17kg / 38lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 5k cable
	1 x OMD 5k ELB switch
	2 x boxes required for 10K

HMI

1,200W HMI

CE Design Registered

The OMD 1200w HMI is very versatile and comes equipped with a selection of lenses and wires to adapt the light to your requirements. Suitable for both underwater and timed interval wet-weather topside applications.

OPERATING SPECIFICATIONS
1200w HMI

Voltage:	240V / 110 VAC AC
Colour Temp:	5600 degrees K
Depth:	100ft (30 metres)
Duty:	Underwater Continuous Wet-weather Timed intervals
Thermal shock:	Withstands 300 Celsius temp. differential
Earth leakage:	Clipsal / OMD Technology, 230-240 V 16A 2400W max, 10mA residual trip

WEIGHT

Weight out of Water:	12kgs (26lbs)
Weight In Water:	900gms (1lbs)

FREIGHTING SPECIFICATIONS

Light Case	
Weight:	25kg / 55lbs
Dimensions:	80cm L x 52.7cm W x 29.2cm D
Contents:	1 x OMD 1.2k Head
Cable Case	
Weight:	17kg / 37lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 1.2k cable 1 x OMD 1.2k ELB switch
Lens Case	
Weight:	10kg / 22lbs
Dimensions:	35cm L x 35cm W x 34cm D
Contents:	Lens, Wires, Barn doors

4,000W HMI

CE Design Registered

The OMD 4000w HMI is perfect for "big fill situations." A range of reflectors are available to suit your needs. For underwater use only, this light can be used with or without its reflector and is also available in a 2500w HMI fixture.

OPERATING SPECIFICATIONS
4000w HMI

Voltage:	240V / 110 VAC AC
Colour Temp:	5600 degrees K
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
Earth leakage:	Clipsal / OMD Technology, 230-240 V 20A, 10mA residual trip

WEIGHT

Weight out of Water:	10kgs (22lbs)
Weight In Water:	1350gms (3lbs)

FREIGHTING SPECIFICATIONS

Light Head Case	
Weight:	25kg / 55lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x OMD 4k Head
Cable Case	
Weight:	17kg / 37lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 4k cable 1 x OMD 4k ELB switch

8,000W HMI

CE Design Registered

OMD 8000w HMI is the largest and most powerful light in the HMI range. This configuration is perfect for 'big fill' situations. The unit is also available in a twin 2500w HMI.

OPERATING SPECIFICATIONS
8000w HMI

Voltage:	240V / 110 VAC AC
Colour Temp:	5600 degrees K
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
Earth leakage:	Clipsal / OMD Technology, 230-240 V 20A, 10mA residual trip

WEIGHT

Weight out of Water:	25kgs (44lbs)
Weight In Water:	3kgs (6.6lbs)

FREIGHTING SPECIFICATIONS

Light Case	
Weight:	25kgs / 55lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x OMD 4k head
Cable Case	
Weight:	17kg / 37lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	1 x 30m OMD 4k cable 1 x OMD 4k ELB switch 2 x boxes required for 8K

BATTERY POWERED DC

21W HID

For jobs where cables are impractical, the SunRay 21w runs on battery power without compromising on power and endurance. With 21w of daylight balanced light and 45mins of burn time, this light provides the much needed flexibility for remote location shoots and difficult to power circumstances.

OPERATING SPECIFICATIONS
21w Battery Powererd DC

Voltage:	8.2V DC
Colour Temp:	5500 degrees K
Depth:	150ft (50 metres)
Duty:	Underwater Continuous

WEIGHT

Weight out of Water:	4kgs / 13.2lbs (head & battery packs)
Weight In Water:	350gms (3lbs)

FREIGHTING SPECIFICATIONS

Light & Battery Case	
Weight:	12kg / 36.9lbs
Dimensions:	60cm L x 50cm W x 20cm D
Contents:	2 x HID 21w heads 3 x Battery pack 1 x 12V charger 2 x magic arms

200W DIVER CONTROLLED UNIT

For jobs where cables are impractical, the OMD 200w runs on battery power without compromising on power and endurance. With 200w of daylight balanced light and over one hour of burn time, this light provides the much needed flexibility for remote location shoots and difficult to power circumstances. Designed as a diver controlled unit, it can be used both in and out of the water. It also comes with extra long cables and mounts comfortably on a lighting stand.

OPERATING SPECIFICATIONS
200w Battery Powererd DC

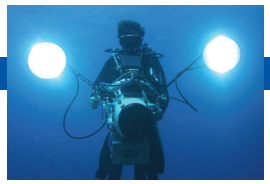
Voltage:	24V DC
Colour Temp:	5600 degrees K
Depth:	100ft (30 metres)
Duty:	Underwater Continuous

WEIGHT

Weight out of Water:	17kgs / 37lbs (head & battery pack)
Weight In Water:	1350 gms (3lbs)

FREIGHTING SPECIFICATIONS

Light Case	
Weight:	19kg / 42lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x OMD 200w head 1 x 24V charger
Cable Case	
Weight:	29kg
Dimensions:	80cm L x 52.7cm W x 29.2cm D
Contents:	1 x Battery pack 1 x 24v battery



200W CMU

The OMD CMU (Camera Mounted Unit) 200 is the largest and most powerful battery-powered 200 HMI in our range. With up to two hours of possible burn time and 200 watts of daylight balanced light, underwater cameraman now have the 'time to take their time.' With quick and easy in-water battery changes, to focusable light beams, the new OMD CMU 200 can be suited to your underwater camera housing.

OPERATING SPECIFICATIONS
200w Battery Powererd DC

Voltage:	24V DC
Colour Temp:	5600 degrees K
Depth:	160ft (55 metres)
Duty:	Underwater Continuous
Burn time (Duration of light at 5600K):	2 x heads ON/60 mins 1 x head ON/120mins

WEIGHT

Weight out of Water:	12kg / 26lbs (head & battery pack)
Weight In Water:	1350gms (3lbs)

FREIGHTING SPECIFICATIONS

Light Case	
Weight:	20kg / 42lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	2 x OMD 200w Heads 1 x Battery charger 1 x set of ultra-lite arms
Cable Case	
Weight:	25kg / 55lbs
Dimensions:	80cm L x 52.7cm W x29.2cm D
Contents:	1 x Battery pack 1 x 24V battery

FLUORESCENTS

2FT SINGLE FLUORESCENTS

CE Design Registered

The OMD Fluorescents range is well suited for any underwater or wet-weather production and is available as an eight bank unit, four bank unit or single fixture. OMD Fluorescents come with a 30M/100ft cable and an industry standard KINOFLO© fitting to plug into KINOFLO© ballasts.

OPERATING SPECIFICATIONS

Single Fluorescents

Voltage:	240V / 110 VAC AC
Colour Temp:	2900 Kelvin tungsten
	3200 Kelvin tungsten
	5500 Kelvin tungsten
	Visual effects lamps
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
	Wet-weather Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 10A 2400W max,
	10mA residual trip

WEIGHT

Weight out of Water:	1.5kgs (4.5lbs)
Weight In Water:	0gms (lbs)

4FT SINGLE FLUORESCENTS

CE Design Registered

The OMD Fluorescents range is well suited for any underwater or wet-weather production and is available as an eight bank unit, four bank unit or single fixture. OMD Fluorescents come with a 30M/100ft cable and an industry standard KINOFLO© fitting to plug into KINOFLO© ballasts.

OPERATING SPECIFICATIONS

Single Fluorescents

Voltage:	240V / 110 VAC AC
Colour Temp:	2900 Kelvin tungsten
	3200 Kelvin tungsten
	5500 Kelvin tungsten
	Visual effects lamps
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
	Wet-weather Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 10A 2400W max,
	10mA residual trip

WEIGHT

Weight out of Water:	3kgs (9.9lbs)
Weight In Water:	0gms (lbs)

4 BANK PANEL FLUORESCENTS

CE Design Registered

The OMD Fluorescents range is well suited for any underwater or wet-weather production and is available as an eight bank unit, four bank unit or single fixture. OMD Fluorescents come with a 30M/100ft cable and an industry standard KINOFLO© fitting to plug into KINOFLO© ballasts.

OPERATING SPECIFICATIONS

4 Bank Fluorescent

Voltage:	240V / 110 VAC AC
Colour Temp:	2900 Kelvin tungsten
	3200 Kelvin tungsten
	5500 Kelvin tungsten
	Visual effects lamps
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
	Wet-weather Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 10A 2400W max,
	10mA residual trip

WEIGHT

Weight out of Water:	21kgs (46lbs)
Weight In Water:	1350gms (3lbs)

FREIGHTING SPECIFICATIONS

Light Head Case

Weight:	50kg / 110lbs
Dimensions:	170cm L x 60cm W x28cm D
Contents:	1 x OMD 4 bank Fluorescent unit

Cable Case

Weight:	14kg / 31lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	4 x OMD Fluorescents cables

8 BANK PANEL FLUORESCENTS

CE Design Registered

The OMD Fluorescents range is well suited for any underwater or wet-weather production and is available as an eight bank unit, four bank unit or single fixture. OMD Fluorescents come with a 30M/100ft cable and an industry standard KINOFLO© fitting to plug into KINOFLO© ballasts.

OPERATING SPECIFICATIONS

8 Bank Fluorescent

Voltage:	240V / 110 VAC AC
Colour Temp:	2900 Kelvin tungsten
	3200 Kelvin tungsten
	5500 Kelvin tungsten
	Visual effects lamps
Depth:	100ft (30 metres)
Duty:	Underwater Continuous
	Wet-weather Continuous
Earth leakage:	Clipsal / OMD Technology,
	230-240 V 10A 2400W max,
	10mA residual trip

WEIGHT

Weight out of Water:	38kgs (84lbs)
Weight In Water:	900gms (2lbs)

FREIGHTING SPECIFICATIONS

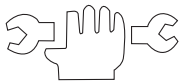
Light Head Case

Weight:	74kg / 163lbs
Dimensions:	170cm L x 60cm W x28cm D
Contents:	1 x OMD 8bank Fluorescent unit

Cable Case

Weight:	14kg / 31lbs
Dimensions:	65cm L x 42cm W x 28cm D
Contents:	8 x OMD Fluorescents cables
	(2 x boxes required for 8 bank Panel)

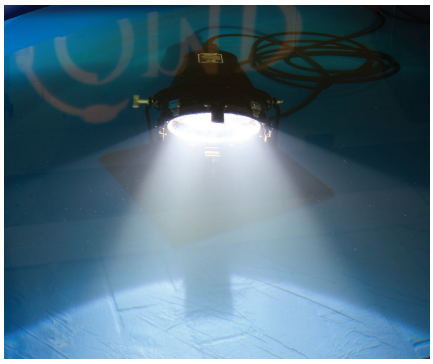
CUSTOM BUILT

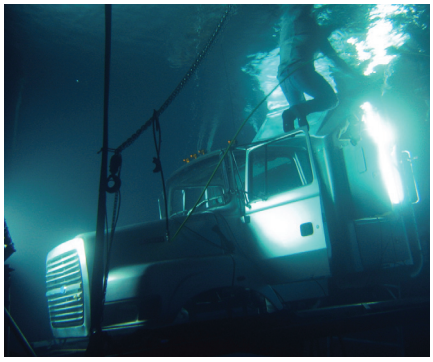


CUSTOM BUILT SOLUTIONS

As no two jobs are the same, the OMD lighting range is designed for flexibility.

OMD tailors lighting solutions for each client, always ready to modify, adapt or custom-build lights to suit specific requirements.





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