

AndromedaTM

AQUARIUM SERIES

NebulaTM

AQUARIUM SERIES





AQUARIUM CUSTOM RANGE

EMPYREAN LIGHTING, in partnership with experts in large aquarium design and installation, has modified its existing Andromeda and Nebula series luminaires to suit the demands and rigors of this unique application.

We have focused on versatility for this series, and are able to provide over 1,000 variations of our high-quality luminaires to suit any tank or enclosure, all the while providing the inherent advantages of LED technology.

FEATURES

- USES 50%-75% LESS ELECTRICITY THAN HIGH INTENSITY DISCHARGE LUMINAIRES
- AVAILABLE IN A VARIETY OF POWERS, CCT, BEAM ANGLES, MOUNTING AND CONTROL OPTIONS
- VERY LITTLE HEAT - SAFE IN SPASH ZONES AND CONFINED SPACES
- IP66 & LIFESPAN OF 50,000 HRS+ (TO L70 B10)
- DESIGNED SPECIFICALLY FOR USE IN MARINE CONDITIONS
- NO MERCURY, FULLY RECYCLABLE
- HIGHLY CUSTOMISABLE - BUILT SPECIFICALLY FOR YOUR REQUIREMENTS



Andromeda™ AQUARIUM C Aqua

HIGH POWER 10,000K CCT LED



PRODUCT INFORMATION

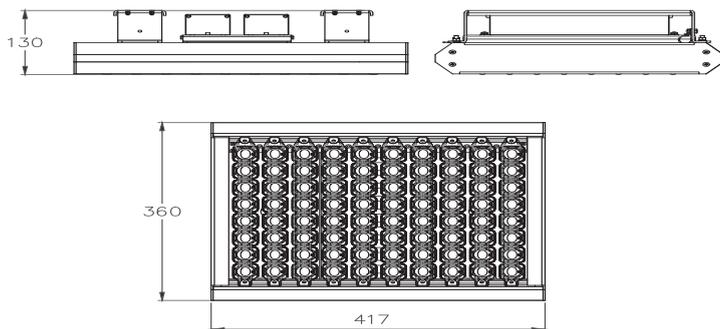
PRODUCT CODE	Andromeda-C-Aqua			
DIMENSIONS	Length	Width	Depth	Weight
160W	417mm	360mm	130mm	9 kg
320W	787mm	360mm	129.5mm	13.5 kg
INGRESS PROTECTION	IP66			
LIGHT SOURCE	Nichia High Power LED			
HOUSING	6063 Aluminium (Marine Grade) Ceramic Diode Seat with Polycarbonate Rails			
BRACKET MATERIAL	ST12			
BRACKET TYPE	Wall Mount, Surface Mount, Suspended with Rods			
FRAME COLOUR	Silver			
MECHANICAL IMPACT RESISTANCE	IK08 (Bracket & Frame Only)			
IP RATING	IP66			
OPERATING TEMPERATURE	-40°C to +55°C			

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz
LIFESPAN	50,000 hours to L70
POWER	160W & 320W
DIMMABLE	5-100% - 0-10V, DALI
BEAM ANGLE	* Variable based on Lens
LUMINOUS EFFICACY	110lm/W
POWER FACTOR	>0.97
CCT	10,000K

* FOR LENS OPTIONS SEE LENS PAGE IN ANDROMEDA™ CERAMIC SECTION

SCHEMATIC OF ANDROMEDA-C-AQUA 160W



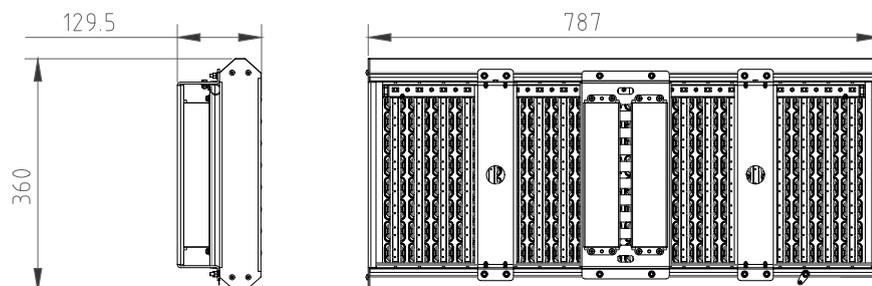
OUTPUT

WATTS	LUMENS
160W	17,600 lm
320W	35,200 lm

APPLICATIONS



SCHEMATIC OF ANDROMEDA-C-AQUA 320W



Nebula™ Multi & Linear

AQUARIUM

FIXED CCT VARIABLE CONTROL LED



Nebula Multi 40W



Nebula Multi 20W



Nebula Linear 18W / 24W

PRODUCT INFORMATION

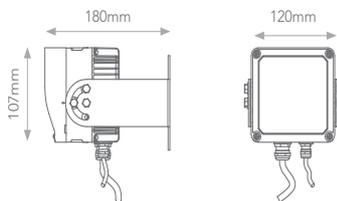
DIMENSIONS		Length	Width	Depth	Weight
Multi	20W	120mm	107mm	180mm	2.5kg
	40W	268mm	203mm	161mm	3.8kg
	60W	293mm	203mm	161mm	5.0kg
	80W	418mm	203mm	161mm	10.2kg
	100W	518mm	203mm	161mm	12.0kg
Linear	18W	1000mm	65mm	91mm	3.2kg
	24W	1000mm	65mm	91mm	4.5kg

INGRESS PROTECTION	IP66
LIGHT SOURCE	Nichia & Osram High Power LED
HOUSING	Aluminium alloy and adjustable mounting brackets
BRACKET MATERIAL	ST12
BRACKET TYPE	Wall Mount, Surface Mount
FRAME COLOUR	Silver, Black
MECHANICAL IMPACT RESISTANCE	IK08 (Bracket & Frame Only)
IP RATING	IP66
OPERATING TEMPERATURE	-40°C to +55°C

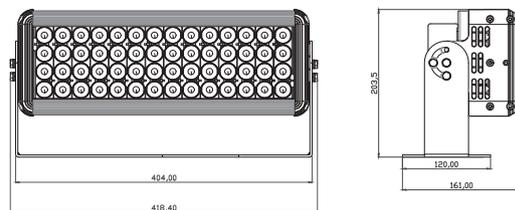
TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	90-305VAC, 50/60Hz
LIFESPAN	50,000 hours to L70
POWER	Multi - 20W, 40W, 60W, 80W, 100W Linear - 18W, 24W
POWER FACTOR	>0.97
DIMMABLE	5-100% - DALI & DMX 512 for RGB
BEAM ANGLE	Multi - 10°, 40° (20W only), 40° Elongated Linear - 10°, 15°, 25°, 30°, 50°
CCT	Multi
	Linear
	5,000-5,500K Cool White*
	4,000-4,500K Natural White
	2,700-3,000K Warm White
	RGB or Blue
	5,000-5,500K Cool White
	4,000-4,500K Natural White
	2,700-3,000K Warm White
	Red, Green, Blue

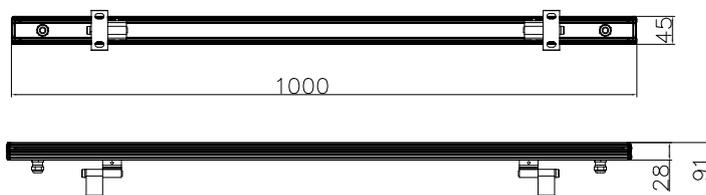
SCHEMATIC OF NEBULA MULTI 20W



SCHEMATIC OF NEBULA MULTI 80W



SCHEMATIC OF NEBULA LINEAR 18W / 24W



APPLICATIONS

