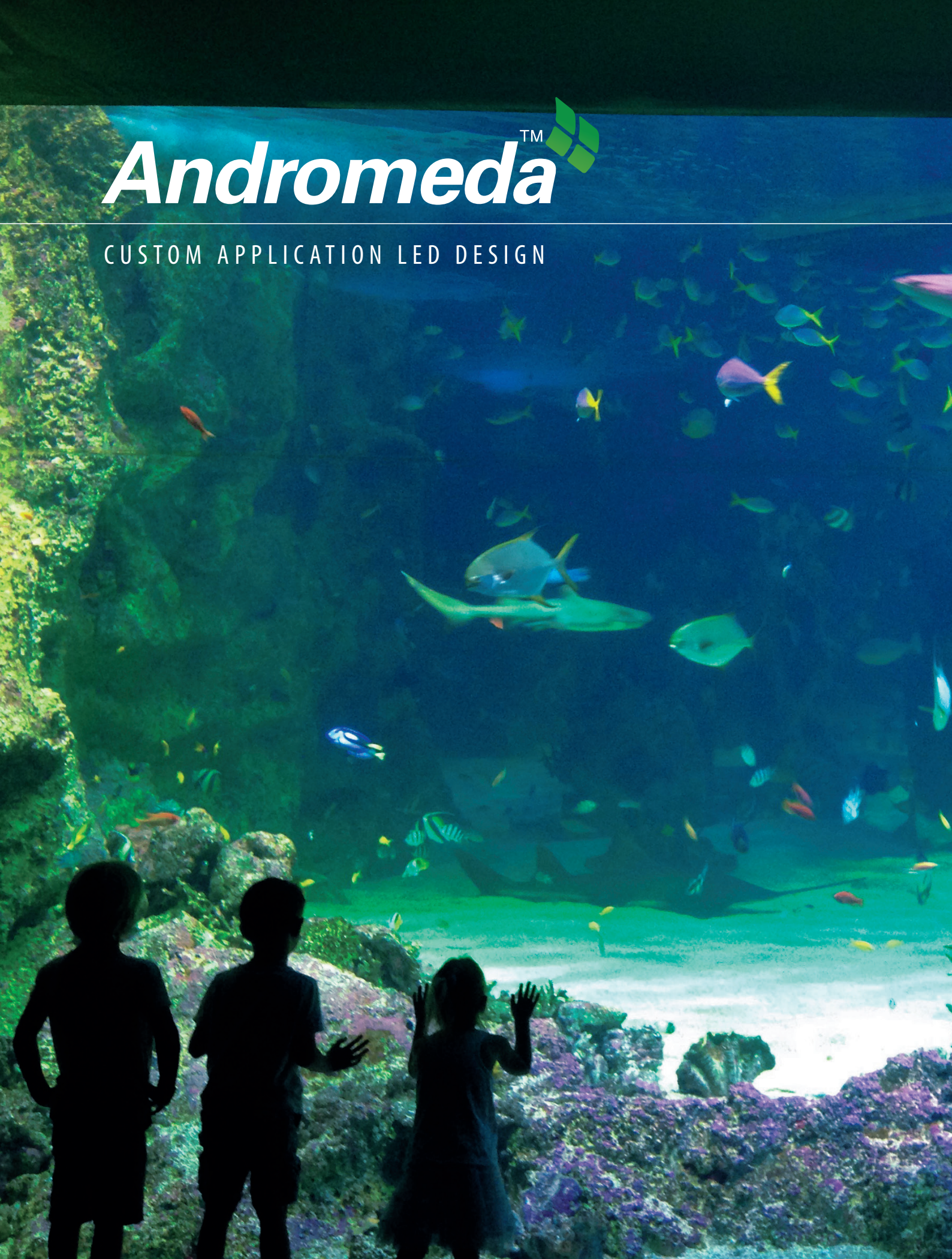


AndromedaTM

CUSTOM APPLICATION LED DESIGN





ANDROMEDA CUSTOM RANGE

WITH ALL THE BENEFITS of our standard Andromeda™ Series, our custom range includes luminaires specifically designed and modified for use in unusual or challenging environments.

WORKING CLOSELY with experts in these fields our aim is to surpass the performance of traditional technology, while providing a more efficient, green and safe luminaire.

THE DEVELOPMENT of additional custom Andromeda™ luminaires is the cornerstone of our research and development program, and we welcome ideas and collaborations for your next project.

OUR RANGE INCLUDES

- AQUARIUM
- GROW LIGHTS
- TURTLE SAFE LUMINAIRES



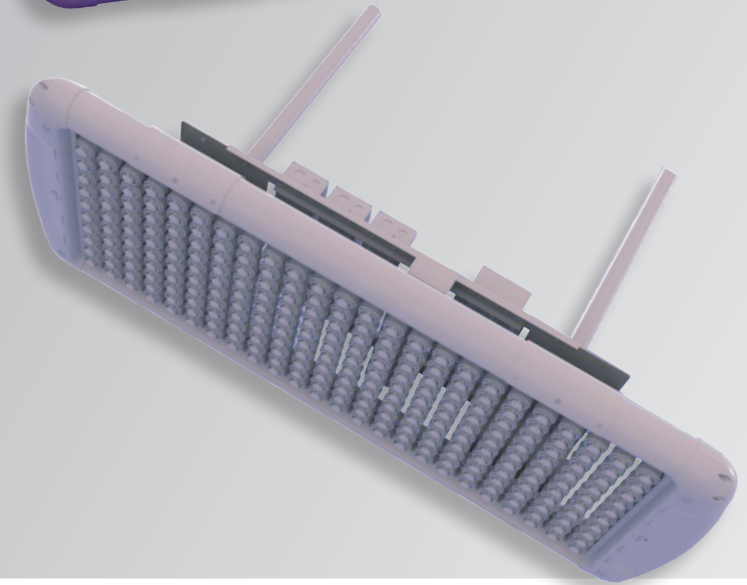
Andromeda™ Aquarium

CUSTOM APPLICATION DESIGN

CCT ADJUSTABLE & DIMMABLE

NICHIA HIGH POWER 85-265VAC SHOCK RESISTANT IP66 RATING L70 50,000 HRS PF0.9

PRODUCT INFORMATION NS433 Hz263P ETL CE RoHS



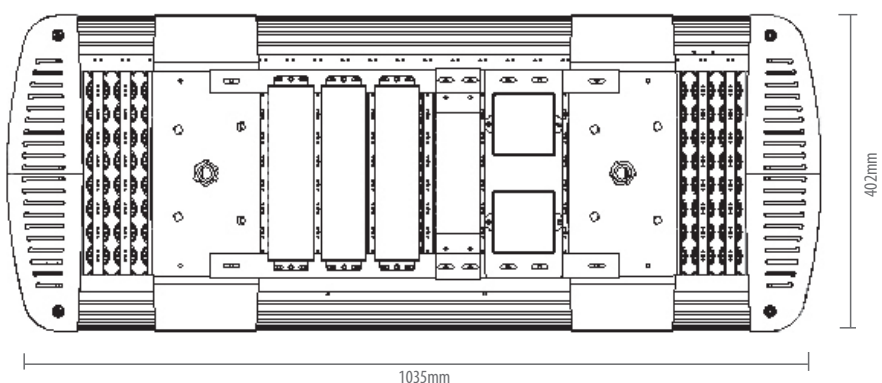
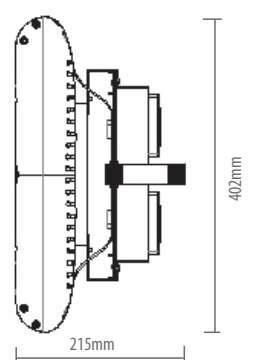
PRODUCT CODE	AndromedaXPH-Aqua
DIMENSIONS	Variable with power
INGRESS PROTECTION	IP66
LIGHT SOURCE	Nichia High Power LED
LENS	Customisable (Wide or Narrow Options)*
HOUSING	6063 Aluminium (Marine Grade)**
HOUSING COLOUR	Silver, White, Black, Custom
CONTROL	DALI, PWM, 0-10V, DMX

TECHNICAL SPECIFICATIONS	
INPUT VOLTAGE	85V-264VAC, 50/60Hz
LIFESPAN	50,000 hours
POWER	53W - 320W
BEAM ANGLE	* Variable based on Lens
LUMINOUS EFFICACY	63 lm/W
POWER FACTOR	>0.95
OPERATING TEMPERATURE	-25°C to +55°C
CCT	Adjustable & Dimmable

* FOR LENS OPTIONS SEE PAGE 12 IN ANDROMEDA™ STANDARD SECTION
 ** ALSO AVAILABLE IN 304SS & 316SS & COMPONENTS

- FEATURES**
- DESIGNED TO MODEL THE DIURNAL CYCLE
 - ADJUSTABLE AND/OR CUSTOMISED CCT OPTIONS FROM 3,000K-10,000K + IN A SINGLE LUMINAIRE
 - DMX OR DALI CONTROLLABLE
 - DIMMABLE – ENTIRE LUMINAIRE OR INDIVIDUAL CCTS
 - MULTIPLE BEAM ANGLES AVAILABLE

SCHEMATIC OF ANDROMEDAXPH-AQUA 320W



OUTPUT

WATTS	LUMENS
53W	3,339 lm
105W	6,615 lm
160W	10,080 lm
213W	13,419 lm
265W	16,695 lm
320W	20,160 lm

Andromeda™ Nebula™ Aquarium

CUSTOM APPLICATION DESIGN

FIXED CCT



PRODUCT INFORMATION



PRODUCT CODE	AndromedaXPH-Fixed Nebula XPH-Fixed
DIMENSIONS	Variable with power
INGRESS PROTECTION	IP66
LIGHT SOURCE	Nichia High Power LED
LENS	Customisable (General or Narrow Options)*
HOUSING	6063 Aluminium (Marine Grade)**
HOUSING COLOUR	Silver, White, Black, Custom
CONTROL	Multiple Options, DALI, PWM, 0-10V, DMX

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	85V-264V, 50/60Hz
LIFESPAN	50,000 hours
POWER	* 18W - 300W
BEAM ANGLE	Variable based on Lens
LUMINOUS EFFICACY	63 lm/W
POWER FACTOR	>0.95
OPERATING TEMPERATURE	-25°C to +55°C
CCT	2,700-3,000K Warm White 4,000-4,500K Natural White 5,000-5,500K Cool White 8,500K AQ 10,000K AQ+ 15,000K AQ* 20,000K AQ^

*SEE NEBULA™ FOR OTHER POWER OPTIONS **ALSO AVAILABLE IN 304SS & 316SS & COMPONENTS FOR LENS OPTIONS SEE PAGE 12 IN ANDROMEDA™ STANDARD SECTION

FEATURES

- CCT AVAILABLE FROM 2,700 TO 20,000K
- BEAM ANGLES FROM 10° -180°
- VARIOUS MOUNTING OPTIONS AND INTENSITIES AVAILABLE
- AVAILABLE IN ALL ANDROMEDA™ AND NEBULA™ LUMINAIRES

