

Andromeda™ Grow Light

CUSTOM APPLICATION DESIGN

GROWTH CABINET REPLACEMENT LUMINAIRE



PRODUCT INFORMATION



PRODUCT CODE	Andromeda-GrowCCIP-560W-ANU
DIMENSIONS	1,795mmL 895mmW 62mmD
INGRESS PROTECTION	IP66
WEIGHT	55kg
LIGHT SOURCE	Nichia High Power LED
LENS	Customisable*
HOUSING	6063 Aluminium (Marine Grade)
HOUSING COLOUR	Silver, White, Black, Custom

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	85V-264VAC, 50/60Hz
LIFESPAN	50,000 hours
POWER	560W
POWER FACTOR	>0.95
OPERATING TEMPERATURE	-25°C to +55°C

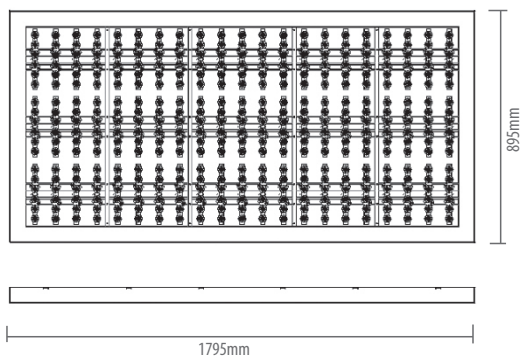
*OTHER COLOURS AND WAVELENGTHS ARE AVAILABLE (GREEN, UV, ETC...) FOR LENS OPTIONS SEE PAGE 12 IN ANDROMEDA™ STANDARD SECTION

FEATURES: MADE TO ORDER

- CUSTOM WAVELENGTHS FROM UV TO INFRARED AVAILABLE
- UP TO 6 INDIVIDUAL CIRCUITS ON A SINGLE LUMINAIRE FOR INDIVIDUAL COLOUR CONTROL
- DIMMING 0-100%
- SPECIFIC RAIL LAYOUT FOR SPREAD OF COLOURED LIGHTS
- RAILS OF 6 LED PIXELS INTERCHANGEABLE FOR MAXIMUM VERSATILITY
- INTEGRATED SOFTWARE CONTROL (TIME, INTENSITY, COLOUR)
- FIXED WAVELENGTH UNITS AVAILABLE AS WELL
- CUSTOMISED SIZE & POWER TO SUITE ANY APPLICATION



SCHEMATIC OF ANDROMEDA-GROWCCIP-560W-ANU



THERMOLINE CABINET RETROFITTED WITH ANDROMEDA™ GROW LIGHT, AUSTRALIAN NATIONAL UNIVERSITY

DESCRIPTION	WHOLE LIGHT FIXTURE	RED LIGHT	FAR RED LIGHT	BLUE LIGHT	WHITE LIGHT
CHIP NUMBERS (# OF RAILS)	378 (63)	114 (19)	36 (6)	114 (19)	114 (19)
POWER	560W	140W	45W	185W	190W
FIXTURE EFFICACY	34 lm/W	18 lm/W	9 lm/W	10.3 lm/W	75 lm/W
LUMINOUS FLUX	19,070 lm	2,520 lm	395 lm	1,905 lm	14,250 lm
WAVELENGTH	/	635 nm	655 nm	445 nm	580 nm
PEAK WAVELENGTH	/	664 nm	670 nm	435 nm	610 nm