



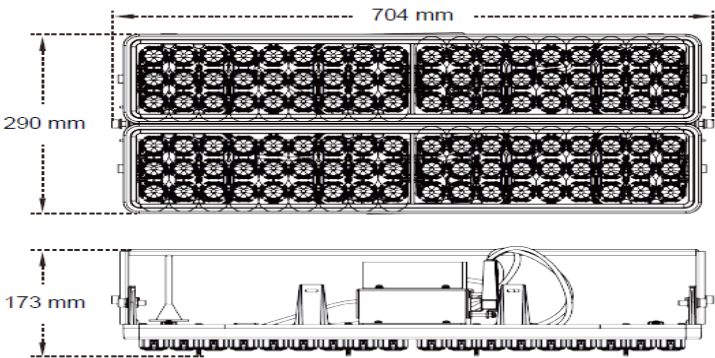
PRODUCT INFORMATION

PRODUCT CODE	Andromeda-C-Grow-FW-400W (Full Spectrum) Andromeda-C-Grow-RB-400W (Red/Blue)
DIMENSIONS	704mmL x 290mmW x 173mmD
INGRESS PROTECTION	IP66
WEIGHT	10.4kg
LIGHT SOURCE	Osram LED Diodes / High Output Red & Blue Diodes
BEAM ANGLE	60°
BRACKET MATERIAL	AL 6063 (Aluminium Marine Grade)

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE	100-277VAC, 50/60Hz
DIMMABLE	Yes - 0-10V (D) or WIFI (W)
CONTROL	Wireless Application
LIFESPAN	50,000 hours (to L70/B10)
POWER	400W
OUTPUT	Full Spectrum - 24,000lm
POWER FACTOR	>0.95
PHOTON FLUX	Refer to below table
OPERATING TEMPERATURE	-40°C to +55°C

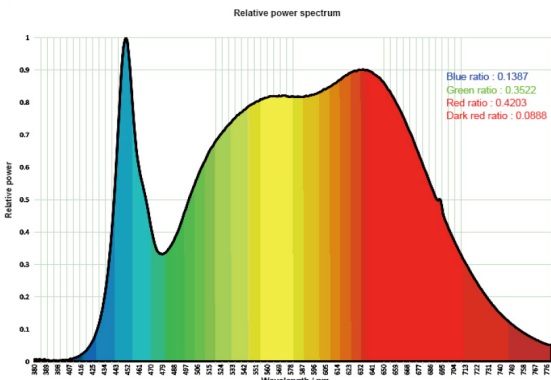
SCHEMATIC OF ANDROMEDA-C-GROW 400W



PHOTON FLUX AT MOUNTING HEIGHT

Model / type	Mounting height (m)	Radius (m)	PPFD (μmol/s/m²)
400 W (red - blue)	1.5	0.9	132
	2	1.2	75
	2.5	1.5	37
400 W (white)	1.5	0.9	120
	2	1.2	68
	2.5	1.5	43

FULL SPECTRUM WHITE





PRODUCT INFORMATION

PRODUCT CODE

Andromeda-C-Grow-FW-200W
(Full Spectrum)

Andromeda-C-Grow-RB-200W
(Red/Blue)

DIMENSIONS

INGRESS PROTECTION

WEIGHT

LIGHT SOURCE

BEAM ANGLE

BRACKET MATERIAL

662mmL x 145mmW x 161mmD

IP66

5kg

Osram LED Diodes / High Output Red & Blue Diodes

60°

AL 6063 (Aluminium Marine Grade)

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE

DIMMABLE

CONTROL

LIFESPAN

POWER

OUTPUT

POWER FACTOR

PHOTON FLUX

OPERATING TEMPERATURE

100-277VAC, 50/60Hz

Yes - 0-10V (D) or WIFI (W)

Wireless Application

50,000 hours (to L70/B10)

200W

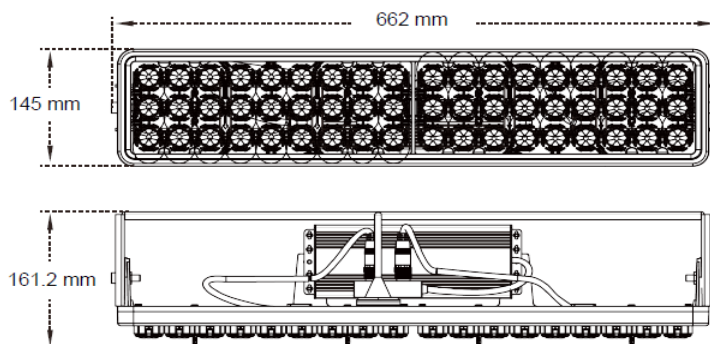
Full Spectrum - 12,000lm

>0.95

Refer to below table

-40°C to +55°C

SCHEMATIC OF ANDROMEDA-C-GROW 200W



PHOTON FLUX AT MOUNTING HEIGHT

Model / type	Mounting height (m)	Radius (m)	PPFD ($\mu\text{mol/s/m}^2$)
200 W (red - blue)	1	0.6	145
	1.5	0.9	66
	2	1.2	38
200 W (white)	1	0.6	132
	1.5	0.9	60
	2	1.2	34

FULL SPECTRUM WHITE

