fyntek

Apricus-800
AP800
Fixed Spectrum

CE ✓RoHS **IP65** WATERPROOF (ETL) LISTED US Intertek

TECHNICAL DATASHEET
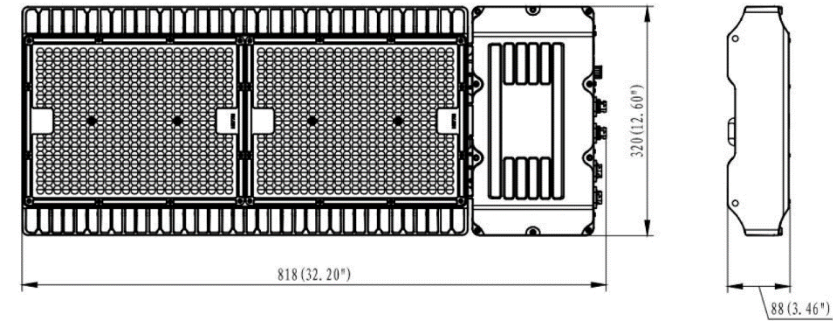
2020

Product features

Housing material   Aluminum
Optics materials   Optical lens (transmission >90%)
Radiation angle   110° x 140°
Protection degree   IP65 (dust and watertight)

Drawing

Technical data

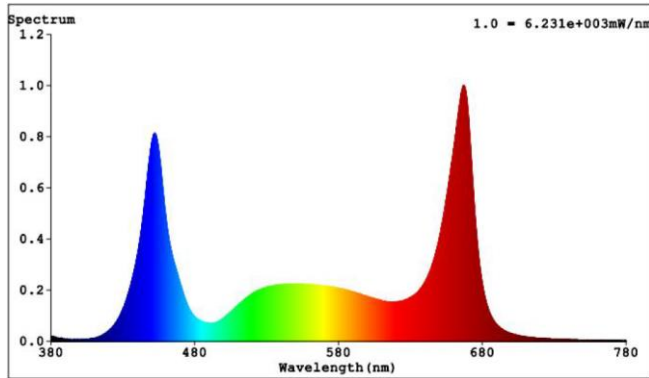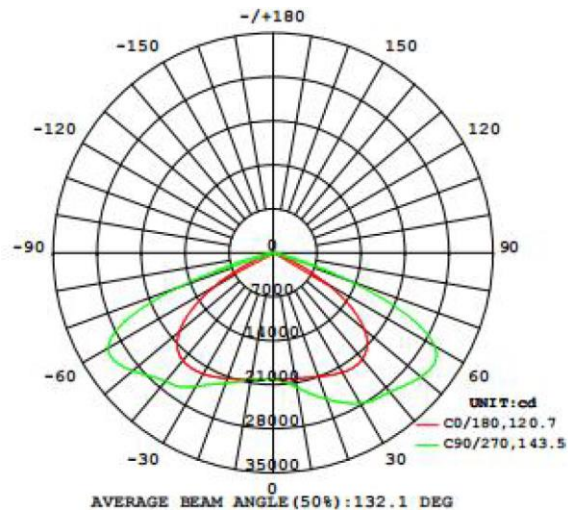| Power （±5%）	800W
Item No.	AP800
System efficacy	2.8umol/J @220Vac (full spectrum)
PPF Output	2240umol/s
Power Input	120-277VAC, 200-480VAC, 120-240VAC, 200-400VAC, 50-60Hz Subject to the input voltage on nameplate
Current Range	6.67A @ 120V, 2.89A @ 277V, 2.0A @ 400V
Isolation Class	Class I
Heat BTU Generated	2728 BTU
Power Factor	> 0.9
Dimming	0-10V

Dimensions	818 x 320 x 88mm
Net Weight	9.8 kg
Qty/CTN	1 pc
Gross Weight	12.3 kg
CTN Size	1010 x 355 x 130mm
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C /-40°F to 158°F (85% RH)
Warranty	5 years

Full Spectrum Chart

AP800-01-00

IES chart

UNIT:cd
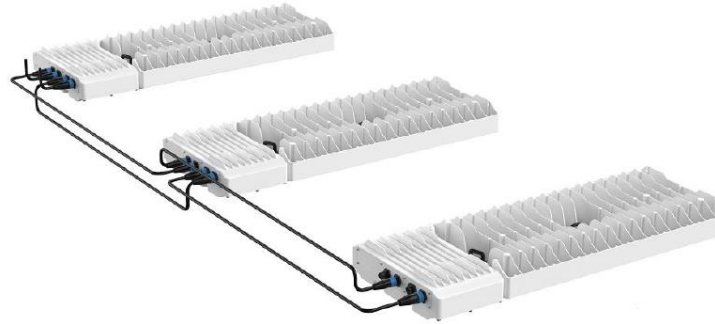C0/180,120.7
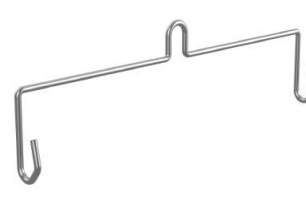C90/270,143.5

AVERAGE BEAM ANGLE (50%):132.1 DEG

* typical values for stable operation at 25°C /77 °F ambient temperature

Product Details

✓ Built-in driver, easy for installation and transportation.
✓ Mounting brackets are suitable for various applications, and the two kinds of mounting brackets are designed for easier
✓ installation and less labor costs.
✓ IP65 optical lens for higher light utilization and resistance to water jetting.
✓ M19 and M16 interface can connect more lamps to achieve group control with Trolmaster system
✓ 120V, 800W connect 2 pcs; 200/240V, 800W connect 3 pcs; 277/400V, 800W connect 4 pcs; 480V, 800W connect 7 pcs

Accessories

Hanging Hook A x 2 pcs   Hanging Hook B x 2 pcs   Optional: Connection Cable

Compliance

CE
Low Voltage Directive (LVD)
Electromagnetic Compatibility Directive (EMC)
Restriction of Hazardous Substances (RoHS) Directive