

Amazonas 960 iCon

The Star of Orphek Amazonas Series

Amazonas 960 iCon combines cutting – edge technology with the best Orphek spectrum, to render the most natural, easy-to-adapt and healthier aquarium environment, while enhancing its beauty to the highest mesmerizing level!



Applications

- ✓ Public aquariums & venues
- ✓ Indoors / Outdoors
- ✓ Salted water / Planted freshwater
- ✓ Close / Far distance from water surface
- ✓ Ceiling, walls and other fixing locations
- ✓ Natural / Synthetic compositions
- ✓ Perfect for wide, cube SPS / LPS aquariums / Deep cylinder tanks
- ✓ Natural illumination, color pop, health and growth
- ✓ Performance in extreme humidity / salinity / High maintenance

Features

- ✓ 1000% dimming control system
- ✓ Power consumption of 320w
- ✓ Spectrum (380 - 700nm)
- ✓ Waterproof connectors
- ✓ Plug In / Plug Out friendly technology
- ✓ Intelligent connectivity
- ✓ 4 lens options (15°/30°/60°/90°)
- ✓ Optional DALI (Digital Addressable Lighting Interface) customization
- ✓ Weather fastness surface treatment for anti rust / Anti corrosion
- ✓ Passive cooling (no fans)

New Technology New App

Developed with a friendly technology both easy and fun to use, the new Orphek App is compatible with both IOS and Android, with iCloud support, voice control and many other cool features!

Features

- ✓ 4 fully programmable channels
- ✓ Moon cycle, clouds, acclimation, jelly fish modes
- ✓ Wireless remote and local programming
- ✓ Ability to program multiple units
- ✓ Optimal pre-installed program included (Helius)
- ✓ Wi-Fi / Bluetooth / Hotspot Sharing / Cloud

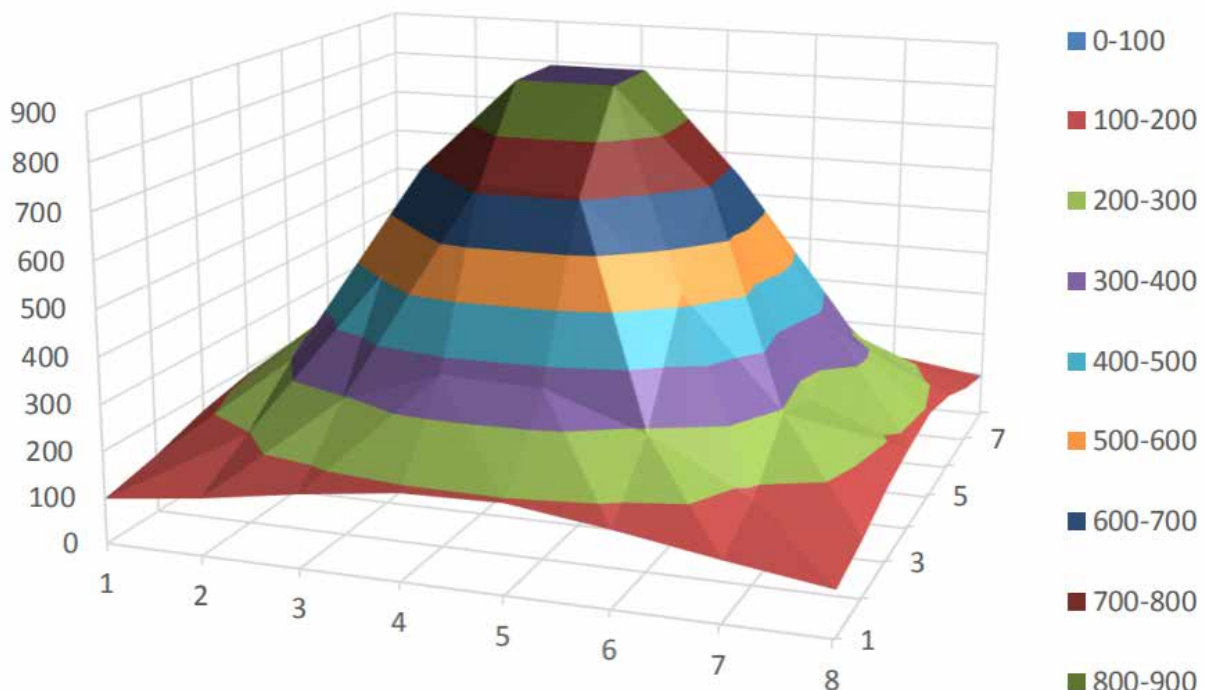


The PAR

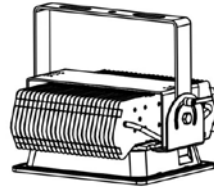
Amazonas 960 iCon is truly one of a kind and stands out from the rest with a Highest PAR value, it is certainly in a league of its own.


The peak value is incredibly high, 900 PAR at 110cm / 43"

*The instrument used in this measurement is calibrated to work underwater



Amazonas 960 iCon Lux Distance Curve 15° / 30° / 60° Reflectors



Reflectors — 

| Center Lux | | | | Light Cover | | |
|------------|---------|---------|-----|-------------|-------|-------|
| 15° | 30° | 60° | | 15° | 30° | 60° |
| 52195lx | 38917lx | 19103lx | 1m | 0.4m | 0.6m | 1.0m |
| 13048lx | 9729lx | 4775lx | 2m | 0.8m | 1.2m | 2.1m |
| 5799lx | 4324lx | 2122lx | 3m | 1.3m | 1.8m | 3.2m |
| 3262lx | 2432lx | 1194lx | 4m | 1.7m | 2.4m | 4.3m |
| 2087lx | 1556lx | 764lx | 5m | 2.2m | 3m | 5.4m |
| 1449lx | 1081lx | 530lx | 6m | 2.6m | 3.6m | 6.5m |
| 1065lx | 794lx | 389lx | 7m | 3.1m | 4.2m | 7.6m |
| 815lx | 608lx | 298lx | 8m | 3.5m | 4.8m | 8.7m |
| 644lx | 480lx | 235lx | 9m | 4m | 5.4m | 9.8m |
| 522lx | 389lx | 191lx | 10m | 4.4m | 6m | 10.9m |
| 431lx | 321lx | 157lx | 11m | 4.9m | 6.6m | 12m |
| 362lx | 270lx | 132lx | 12m | 5.3m | 7.2m | 13.1m |
| 308lx | 230lx | 113lx | 13m | 5.7m | 7.8m | 14.2m |
| 266lx | 198lx | 97lx | 14m | 6.2m | 8.4m | 15.3m |
| 232lx | 173lx | 84lx | 15m | 6.6m | 9.0m | 16.4m |
| 203lx | 152lx | 74lx | 16m | 7.1m | 9.7m | 17.5m |
| 180lx | 134lx | 66lx | 17m | 7.5m | 10.3m | 18.6m |
| 161lx | 120lx | 59lx | 18m | 8m | 10.9m | 19.7m |
| 144lx | 107lx | 52lx | 19m | 8.4m | 11.5m | 20.8m |
| 130lx | 97lx | 47lx | 20m | 8.9m | 12.1m | 21.9m |

Center

Diameter

What's in the box



1. Amazonas 960 iCon

2. Power Cord with Waterproof Connector

3. Power Supply

4. Built in mounting installation with plug and with adjustable rotational metal bracket

5. Antenna

Light to Power Supply
Total: 2.85m / 112"
Power Cord: 1.5m / 59"

| POWER CONSUMPTION | INPUT VOLTAGE | OUTPUT VOLTAGE | POWER FACTOR | FREQUENCY |
|-------------------|---------------|----------------|--------------|-----------|
| 320W | AC 100-240V | DC 36V | >95% | 47-63Hz |

| POWER SUPPLY | NET WEIGHT | DIMENSIONS (L x W x H) |
|------------------------|-----------------|-----------------------------------------------|
| Mean Well: HLG-320-36A | 4.8kg / 10.3lbs | 27cm x 32cm x 27.5cm 10.6" x 12.6" x 10.8" |



CE IP67

MORE INFO