

PART #350.1100



The Quantum Studio ("QS") uses a full 500 watts and generates over 30,000 lumens of output. As part of Cineo's Quantum™ series of high power soft lighting, the Quantum Studio utilizes our new LED technology created for the Quantum II, reaching a TM-30 rating of +99. With its intuitive touchscreen interface, a complete suite of lighting options is easily accessible. Offering full connectivity for remote operation using DMX/RDM, ethernet or WIFI.

APPLICATIONS

- Film and Television
- Virtual Production
- Commercial productions
- Corporate video

PRODUCT FEATURES

- C2Os StageLynx software on fixture
- Wired Network, WIFI, DMX / RDM
- WIFI Hotspot capable
- Virtual Production capable
- Variable CCT 2000k - 10,000K +/- Green Control
- 30,000 Lumens Output
- Saturated Color Control
- User effects / Presets Recorder and player

PRODUCT SPECIFICATIONS

SOURCE

| | |
|----------------------------------|---|
| LED details | HiCRI 2700K / HiCRI 6500K / Red / Blue / Green LEDs |
| Max Lumens at 5600K | 30,000 Lumens |
| L70 rating (hours to 70% Output) | >30,000 |

COLOR

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|--------------------------|--------------------------------------|
| Color Used: | Red 645NM / Green 535NM / Blue 455NM |
| Color temperature range: | 2000K - 10,000K |
| Calibrated Array: | Factory and field supported |

CONTROL

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|-----------------------------------|---|
| Local control: | C2Os StageLynx software on fixture |
| Input Method: | 5-pin XLR, Wifi, RJ45 Ethernet, |
| Protocols: | Stagelynx, DMX-512, RDM, sACN |
| Zonal control: | Dual Zone |
| Personalities: | 13 |
| RDM configuration: | YES |
| UI type: | HD Color Touchscreen |
| Factor Preset Library: | 300 Preset Colors / Digital gels |
| User presets Recorder and player: | Record and play > 64K preset files |
| User effects Recorder and player: | Record and play > 64K effect files |
| Configurable Color LUT: | Color Matching w/ UCS, REC.709, CINEO |
| Log Recorder: | Records all lighting data with timestamp |
| Color Calibration Utility: | Embedded calibration app Compatible with Sekonic 700, 800, 7000 series meters via USB |
| Software Upgradable: | Via USB, wired network, WIFI |
| Noise Level | 0-16db with fan off |

OPTICAL

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|----------------------|---------------------------------------|
| Beam Angle: | 150° Lambertian |
| Aperture Size: | 25.4in x 11.8in (619.76mm x 299.72mm) |
| Camera Flicker Free: | Flicker Free > 10,000FPS |

NETWORKING

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|-------------------------------|-----------------------------------|
| Wireless: | IP Wifi |
| WIFI Band: | 2.4 GHz and 5 GHz |
| IP Network (Ethercon & RJ45): | DHCP / Managed IP Network control |

ELECTRICAL

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|----------------|-------------------------|
| Voltage range: | 120 - 240 VAC 50/60Hz |
| Input method: | AC via Neutrik TRUE1 |
| Wattage: | 500w |
| Current Draw: | 4.17A 120V - 2.08A 240V |

THERMAL

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|-------------------------|-------------------------|
| Ambient operating temp: | 0° -40° C (32° -104° F) |
| Fan: | Yes |
| dB range: | 15 |
| BTUs/hour (120V): | 5,115 |

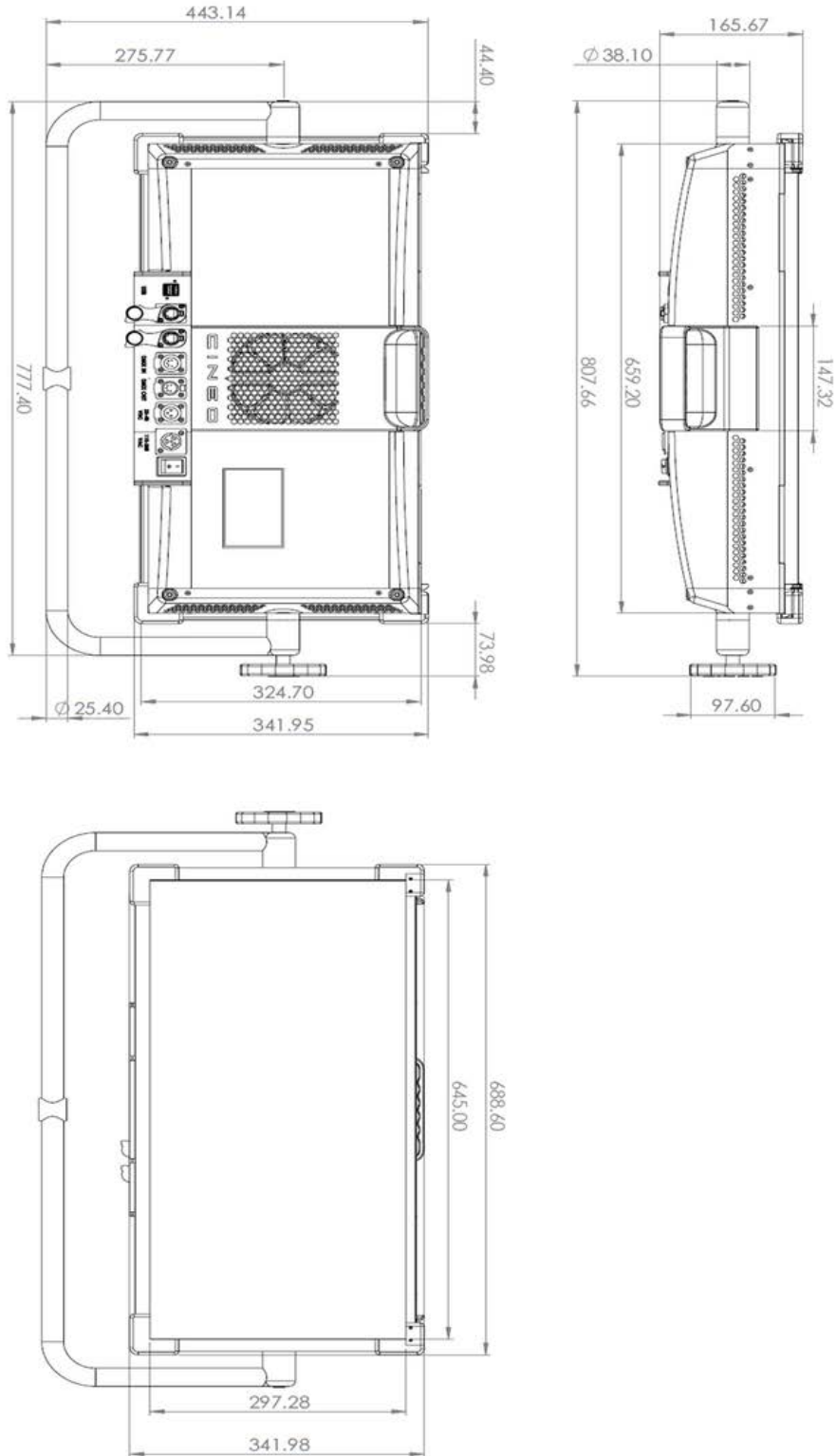
PHYSICAL

| | |
|-------------------------------------|--|
| Materials: | Cast and extruded aluminum |
| Mounting options: | Yoke, pipe mount, 3/8-16 Mounting Points, Optional Pole Op Mount |
| IP: | IP 23 Rating Pending, Weather Resistant |
| Weight (Including yoke, Junior Pin) | 28lbs (12.7kg) |
| Diffusion Slot: | Removable Polycarbonate diffuser |
| Gel Frame: | 25.4 x 11.8" |
| Dimensions: | 31in W x 17.44in H x 6.52in D (807.66mm W x 443.14mm H x 165.67mm D) |

WARRANTY

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|----------|---------|
| Fixture: | 2 Years |
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PRODUCT SPECIFICATIONS



PRODUCT SPECIFICATIONS

WITH DIFFUSER:

ILLUMINANCE FOOT CANDLES

| MODE | 10' / 3M | 20' / 6M | 30' / 9M |
|-------|----------|----------|----------|
| 3200K | 124 | 31 | 14 |
| 4300K | 133 | 33 | 15 |
| 5600k | 146 | 36 | 16 |

ILLUMINANCE LUX

| MODE | 10' / 3M | 20' / 6M | 30' / 9M |
|-------|----------|----------|----------|
| 3200k | 1,330 | 333 | 148 |
| 4300k | 1,430 | 358 | 159 |
| 5600k | 1,570 | 393 | 174 |

WITHOUT DIFFUSER:

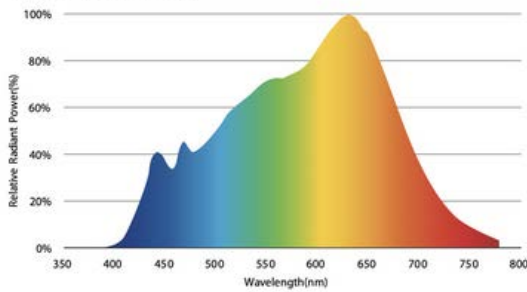
ILLUMINANCE FOOT CANDLES

| MODE | 10' / 3M | 20' / 6M | 30' / 9M |
|-------|----------|----------|----------|
| 3200k | 132 | 33 | 15 |
| 4300k | 141 | 35 | 16 |
| 5600k | 154 | 39 | 17 |

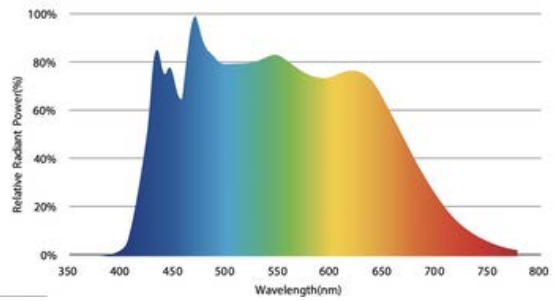
ILLUMINANCE LUX

| MODE | 10' / 3M | 20' / 6M | 30' / 9M |
|-------|----------|----------|----------|
| 3200k | 1,420 | 355 | 158 |
| 4300k | 1,520 | 380 | 169 |
| 5600k | 1,660 | 415 | 184 |

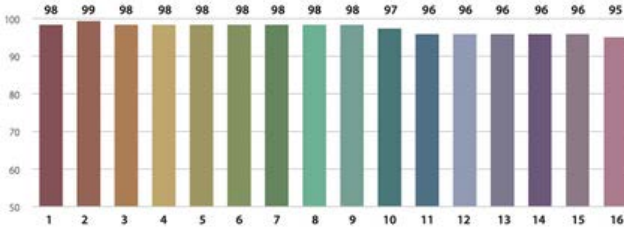
Spectrum curve @3200K



Spectrum curve @5600K



TM-30 @ 3200K



TM-30 @ 5600K

