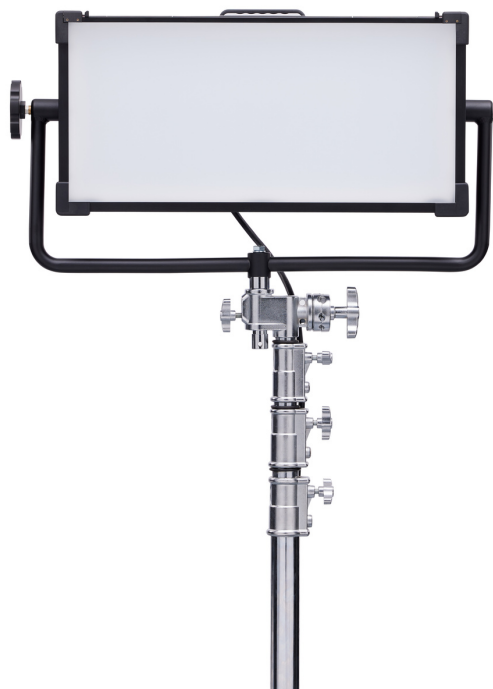**PART #350.1100**

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 Televsion
- 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 2500k - 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

Color Used:	Red 645NM / Green 535NM / Blue 455NM
Color temperature range:	2500K - 10,000K
Calibrated Array:	Factory and field supported

CONTROL

Local control:	C2Os StageLynx software on fixture
Input Method:	5-pin XLR, CRMX Wireless, Wifi, RJ45 Ethernet,
Protocols:	Stagelynx, DMX-512, RDM, sACN
Zonal control:	Single 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

OPTICAL

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

NETWORKING

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

ELECTRICAL

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

THERMAL

|	
Ambient operating temp:	0º –40º C (32º –104º 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 Rated for Outdoor use
Weight (Including yoke, Junior Pin)	28lbs (12.7kg.)
Diffusion Slot:	Removable Polycarbonate diffuser
Gel Frame:	25.4 x 11.8"
Dimensions:	31in W x 6.52in D x17.44in H (807.66 MM W x 165.67MM D x 443.14mm H)

WARRANTY

Fixture:	2 Years, 3 Years with registration

PRODUCT SPECIFICATIONS
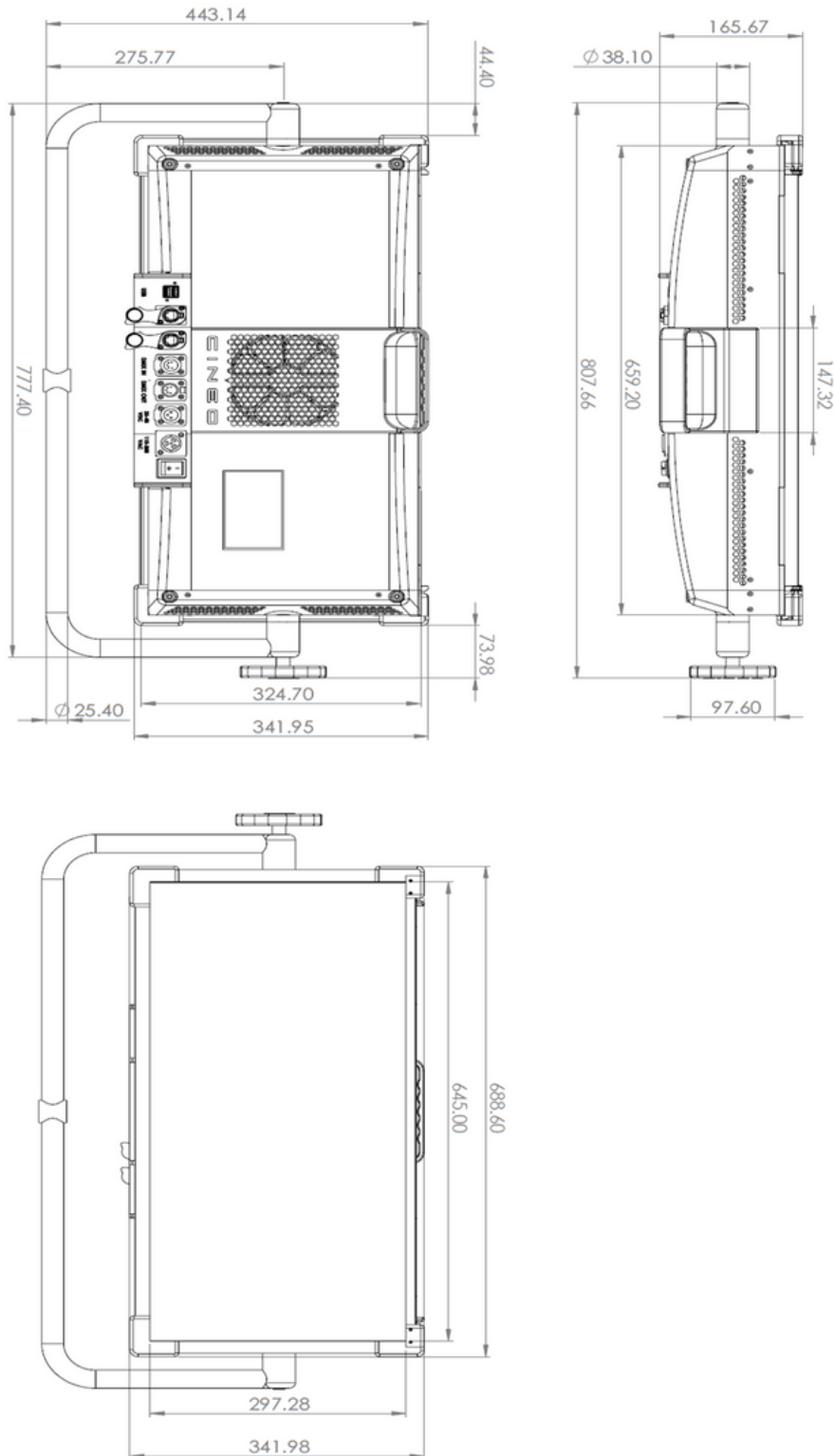
PRODUCT SPECIFICATIONS

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

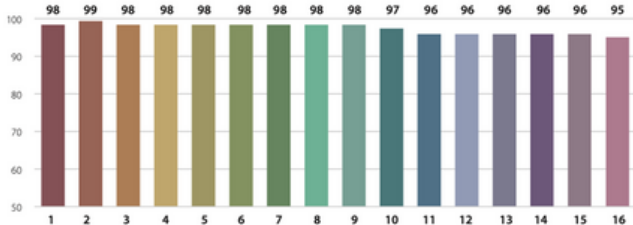| MODE	10' / 3M	20' / 6M	30' / 9M
3200k	1,420	355	158
4300k	1,520	380	169
5600k	1,660	415	184

Spectrum curve @3200K
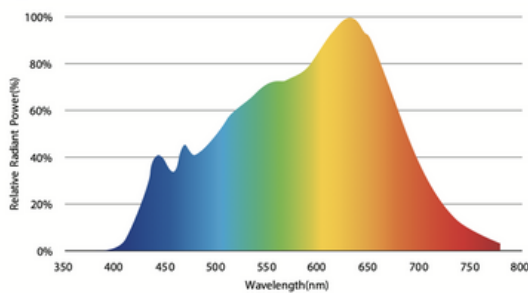
Spectrum curve @5600K

TM-30 @ 3200K

TM-30 @ 5600K