



The new Quantum Ladder ("QL") takes the Quantum series to the next level by providing 100,000 Lumens of output all packed into a lightweight chassis that has been thoughtfully designed for the film industry. With the addition of the touch screen control via the Cineo StageLynx software, the QL is capable of over 64K presets and effects that are easy to program. This level of customization makes it possible to create looks and effects that in the past would have involved a lighting console and hours of programming. Beyond the extraordinary white spectrum you expect with Cineo products the QL has full RGB capabilities.

#### **APPLICATIONS**

- Film and Television
- Virtual Production
- Broadcast studios
- Commercial production
- Blue & Green Screen
- Space Lighting
- Car Commercials

#### **PRODUCT FEATURES**

- Cineo StageLynx Software on fixture
- Wired Network, WIFI, DMX / RDM
- WIFI Hotspot capable
- Virtual Production capable
- Variable CCT 2000k - 10,000K +/- Green Control
- 100,000 Lumens Output
- Saturated Color Control
- User effects / Presets Recorder and player
- Rugged & durable
- Built in power supply
- Touchscreen interface

**PRODUCT SPECIFICATIONS**

**SOURCE**

LED details	HiCRI 2700K / HiCRI 6500K / Red / Blue / Green LEDs
Max Lumens at 5600K	100,000 Lumens
L70 rating (hours to 70% Output)	>50,000

**COLOR**

Color Used:	Red 645NM / Green 535NM / Blue 455NM
Color temperature range:	2,000K - 10,000K (LUT eUSC 2,000-10,000)
Calibrated Array:	Factory and field supported

**CONTROL**

Local control:	Cineo StageLynx software on fixture
Input Method:	5-pin XLR, Wifi, RJ45 Ethernet
Protocols:	Stagelynx, DMX-512, RDM, Lumenradio, 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/ eUCS, 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:	150° Lambertian
Aperture Size:	2in x 48.2 (50.8mm x 1224.28mm)
Camera Flicker Free:	Flicker Free > 10,000FPS

**NETWORKING**

Wireless:	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:	1500w
Current Draw:	12.5A 120V - 6.25A 240V

**THERMAL**

Ambient operating temp:	0° -40° C (32° -104° F)
Fan:	No
dB range:	0
BTUs/hour (120V):	N/A

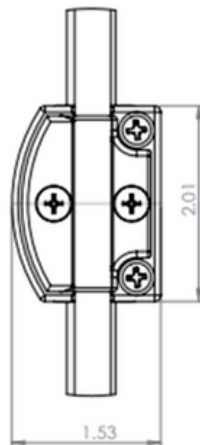
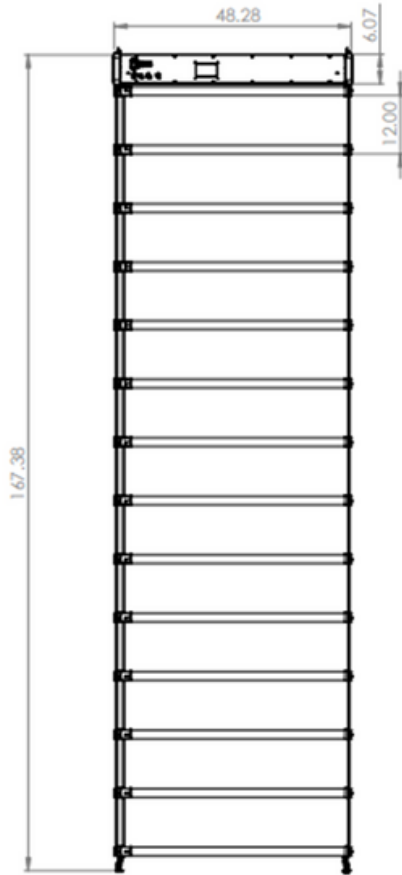
**PHYSICAL**

Materials:	Cast and extruded aluminum
Mounting options:	Eyelits, 3/8-16 Mounting Points
IP:	N/A
Weight:	40lbs (18kg)
Dimensions:	48.28" W x 167.3" H x 5.38" D (1226.312mm W x 4249.42mm H x 136.652mm D)

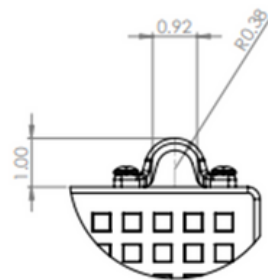
**WARRANTY**

Fixture:	2 Years
----------	---------

**PRODUCT SPECIFICATIONS**



**DETAIL A**  
 SCALE 1 : 1



**DETAIL B**  
 SCALE 1 : 2

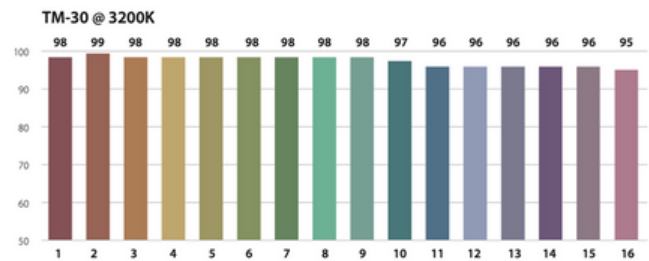
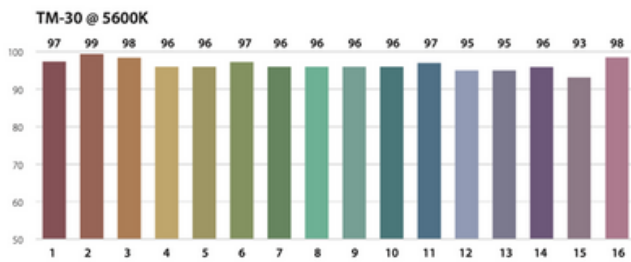
**PRODUCT SPECIFICATIONS**

**ILLUMINANCE FOOT CANDLES**

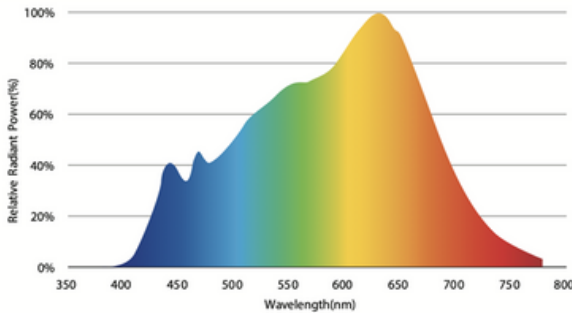
MODE	10' / 3M	20' / 6M	30' / 9M
3200k	305	76	34
4300k	351	88	39
5600k	367	92	41

**ILLUMINANCE LUX**

MODE	10' / 3M	20' / 6M	30' / 9M
3200k	3,282	821	365
4300k	3,777	944	420
5600k	3,949	987	439



**Spectrum curve @3200K**



**Spectrum curve @5600K**

