



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
- Commerical production
- Blue & Green Screen
- Space Lighting
- Car Commericals

PRODUCT FEATURES

- Cineo StageLynx Software on fixture
- Wired Network, WIFI, CRMX, DMX / RDM
- WIFI Hotspot capable
- Virtual Production capable
- Variable CCT 2500k - 10,000K +/- Green Control
- 100,000 Lumens Output
- Saturated Color Control
- User effects / Presets Recorder and player
- Rugged & durable
- Built in power supply
- Water resistant
- 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

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|--------------------------|--|
| Color Used: | Red 645NM / Green 535NM / Blue 455NM |
| Color temperature range: | 2,500K - 10,000K (LUT eUSC 2,000-10,000) |
| Calibrated Array: | Factory and field supported |

CONTROL

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|-----------------------------------|---|
| Local control: | Cineo StageLynx software on fixture |
| Input Method: | 5-pin XLR, CRMX Wireless, 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

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|----------------------|---------------------------------|
| Beam Angle: | 150° Lambertian |
| Aperture Size: | 2in x 48.2 (50.8mm x 1224.28mm) |
| Camera Flicker Free: | Flicker Free > 10,000FPS |

NETWORKING

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|-------------------------------|-----------------------------------|
| Wireless: | CRMX / IP Wifi |
| WIFI Band: | 2.4 GHz and 5 GHz |
| IP Network (Ethernet & 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: | 1500w 120 V - 800w 240v |
| 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 |

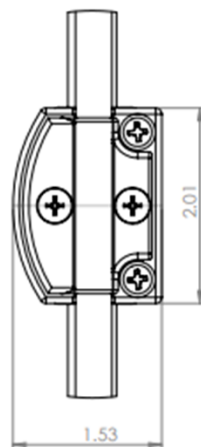
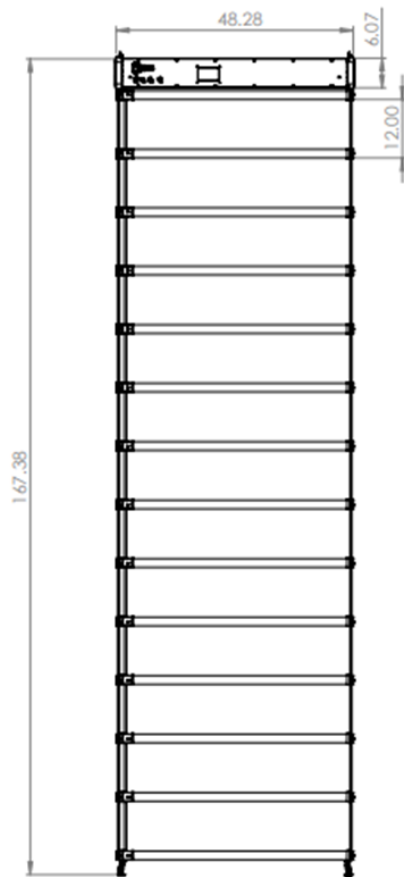
PHYSICAL

| | |
|-------------------|---|
| Materials: | Cast and extruded aluminum |
| Mounting options: | Eyelits, 3/8-16 Mounting Points |
| IP: | IP 23 Rated for Outdoor use |
| Weight: | 40lbs (18kg) |
| Dimensions: | 48.28" W x 167.3" H x 5.38" W (1226.312mm W x 4249.42mm H x 136.652mm W) |

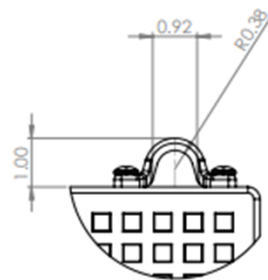
WARRANTY

| | |
|----------|------------------------------------|
| Fixture: | 2 Years, 3 Years with registration |
|----------|------------------------------------|

PRODUCT SPECIFICATIONS



DETAIL A
 SCALE 1 : 1



DETAIL B
 SCALE 1 : 2

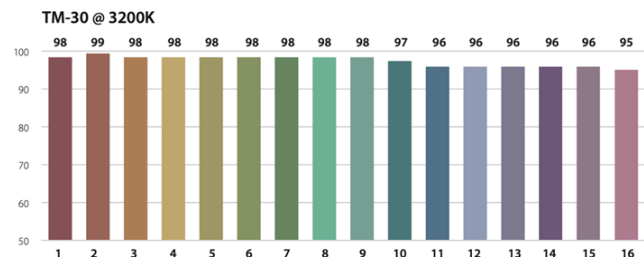
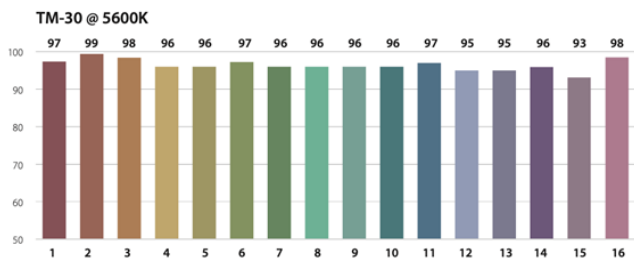
PRODUCT SPECIFICATIONS

ILLUMINANCE FOOT CANDLES

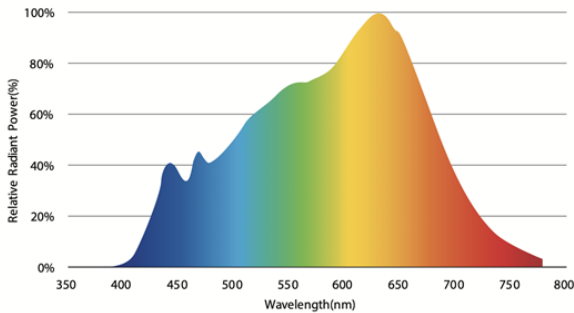
| MODE | 10' / 3M | 20' / 6M | 30' / 9M |
|-------|----------|----------|----------|
| 3200k | 305 | 76 | 34 |
| 4300k | 351 | 88 | 39 |
| 5600k | 367 | 92 | 41 |

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

