

# Miro Cube<sup>®</sup> UV365

A small, square profile, ultra-violet LED spot with flicker-free 0 – 100% dim, dim to warm capability and dimming and control accessories. Controllable via DMX and on-board menu.

## General

1. Luminaire shall be a small square ultra-violet LED light with a dimming and control accessories, and optional optical control accessories. The luminaire shall be a Rosco Miro Cube UV365 with dimming and control accessories as manufactured by Rosco Labs, Inc.
2. Luminaire housing shall be 4 in x 4 in x 4.25 in (100 mm x 100 mm x 108 mm) and come in standard black.
3. Luminaire shall have a yoke for track or non-track installation.
4. Luminaire shall be powered via a Neutrik Powercon™ and controlled via 5-pin DMX, or the luminaire intensity shall be set by an on-board menu.
5. Luminaire shall be ETL listed to UL1573 for stage and studio use, and ETL listed to UL8750 for LED equipment used in lighting products.

## Physical

6. Luminaire housing shall be constructed of an 1/8 in extruded aluminum wall with powder coating in black. The LED module shall be seated with Rosco proprietary copper heat sink and light mixing lens optics as designed by The Black Tank.
7. Luminaire shall have a self-contained LED board with connectors for easy removal and replacement.
8. Luminaire shall be 4 in x 4 in x 4.25 in (100 mm x 100 mm x 108 mm) and when combine with yoke weigh no more than 2.1 lbs (0.95 kg).
9. Yoke shall attach to both sides and be adjustable via locking knobs on either side.
10. Input voltage shall be 90 – 240 VAC 50/60Hz.
11. The following shall be included:
  - a. Luminaire
  - b. Yoke
  - c. Neutrik Powercon power cord
12. Luminaire shall accept optional Rosco Barn Doors, Egg Crate Louvers or Top Hats for additional beam control.

## Optical

13. Output shall be 10,800mW with native beam angle of 10° degrees (no lens). Luminaire shall accept an optional 22 degree Wide Beam lens.
14. Peak wavelength shall be 365nm

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## Environmental and Agency Compliance

15. Luminaire shall be compliant to FCC Class A Radiated and Conducted emissions for commercial and industrial use.
16. Luminaire shall be ETL listed to UL1573 for stage and studio use, and ETL listed to UL8750 for LED equipment used in lighting products.
17. Luminaire shall be CSA Rated C22.2#166-M1983 for LEDs for stage and studio use.
18. Luminaire shall be CE Certified.
19. Luminaire shall be RoHS Compliant.
20. Luminaire shall be rated at IP20 for Indoor use only.

## Thermal

21. Luminaire shall operate in an ambient temperature range of -13° F min to 113° F max (-20° C min to 45° C max).

## Electrical

22. Luminaire shall be equipped with Neutrik Powercon™ adapter and 5-pin DMX adapter.
23. Luminaire shall consume no more than 50w.

## LED Emitters

24. Emitters shall be 9 x 365nm UV LED.
25. Peak wavelength shall be 365nm.

## Control and Dimming

26. Intensity level shall be set by DMX control or User Interface. Luminaire shall require a single channel for 8-bit control, 2 channels for 16-bit control.
27. Luminaire shall be dimmable by DMX control.
28. Dimming shall be flicker-free, 0 – 100%.
29. DMX control shall be achieved with any DMX controller.
30. Luminaire shall include DMX Out to enable daisy-chain control of multiple units.
31. Luminaire shall use PWM @ minimum 4kHz for flicker-free dimming
32. Luminaire shall be compatible with optional data and non-data track adapters, including but not limited to Eutrac 1C/2C/3C, Juno, Halo, Lightolier.

## Specification Ordering Example for Miro Cube UV365

Product ordering information can be found at this URL: <http://www.rosco.com/product/miro-cube-uv365>

The product numbers for ordering the Miro Cube UV365 are listed below. When ordering for track mount specify Miro Cube DMX Data Track Adapter.

515 90050 1077 Miro Cube UV365 – Black (Powercon and DMX)

If there are questions, contact Rosco Customer Service: [CTOrders@rosco.com](mailto:CTOrders@rosco.com)

# Table Specification for Miro Cube<sup>®</sup> UV365

Type ID	Qty	Description	Manufacturer	Alternate Manufacturer	Light Source / Power Source			Control
					Color Temp.	LED Type	Watts/Volts	
		Small rectangular LED, 4 in x 4 in x 4.25 in (100 mm x 100 mm x 108 mm) with housing made of extruded aluminum with optical lens package	Rosco Labs		UV LED with peak of 365nm	9 x 365UV LED	50w	DMX with 5-pin, 0 – 100% flicker-free
Comments								
To be track mounted. To be controlled with a DMX control system. To be set with on-board user interface.								