MIRO CUBE™ 4CA
## DESIGNED BY THE BLACK TANK

ROSCO

Gorgeous Palette of Colors

From walls to washes to uplighters, the Miro Cube™ 4CA color mixing wash light offers a designer maximum creativity in a tiny, 4 inch package.

Fitted with the latest phosphor converted RGBA emitter the Miro Cube™ can display a gorgeous palette of saturated, mid-tone and pale tint colors can be dialed in at the touch of a button. And of course, a true white is always available as well, not the unflattering mixed amber compromise found in other lights. The single chip design eliminates multi-colored shadows and creates a powerful, fully blended color wash wherever the designer needs it.

Smart programming in the Miro Cube™ 4CA includes a stand-alone color wash mode and allows multiple units to be easily slaved together, synchronized and off-set using self-generated DMX for color chases and other dynamic lighting patterns without a console.
An available Miro Cube™ ARC architectural configuration of the 4CA offers a hard-wired pigtail power cable and recessed RJ45 connectivity for data signal that allows for streamlined permanent installations. Use it alone, configured in strips and arrays or build it directly into the set or architecture for virtually any application needing colored light, including: stage productions, broadcast studios, bars and casinos, retail stores and up-scale lobbies.
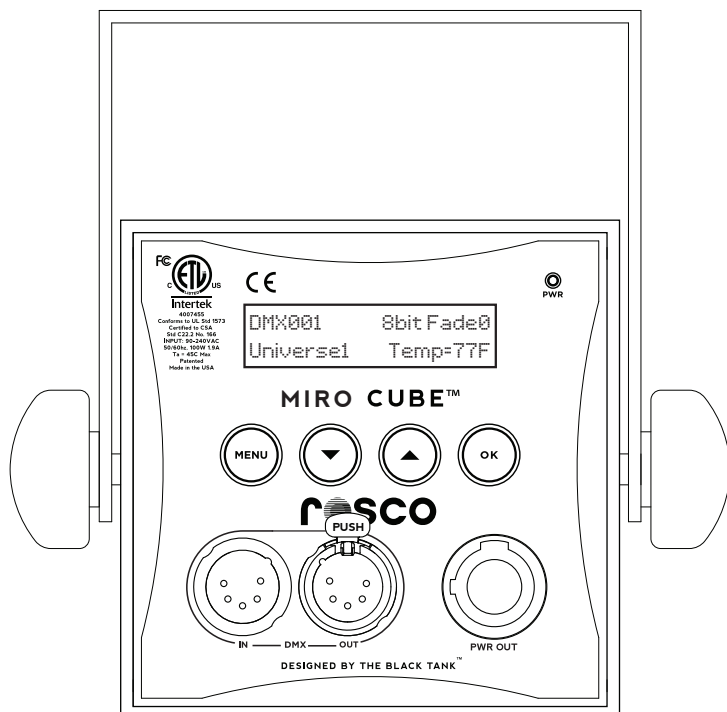
Key Features

- Phosphur Converted Amber

- Single chip optic casts fringe-free shadows

- Unique patented (US Patent No. 8,767,398) heat management system packs the most lumens into the smallest form factor

- No expensive power supply or ballasts - direct to mains power 90-240VAC 50/60 Hz

- Over 40 luminaires on a single 20A circuit

- Modular design easily configures in strips and arrays for maximum versatility

- Flicker-free dimming in 8 or 16 bit resolution

- Intuitive touch panel full-text interface for manual control

- Easily installed on standard line-voltage lighting track with optional yoke assembly, including full DMX track options

- Full assortment of spot, medium and wide lenses included

- Novel "filament mode" mimics the delayed blackout glow of incandescent fixtures

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SPECIFICATIONS

Input Voltage:	90 - 240 VAC 50/60Hz
Power Consumption:	50 Watt at maximum output
Power Input:	Neutrik Powercon / ARC: Hard-wired pigtail
LED:	4 x 12W Osram Multi-chip RGBA
Lumen Maintenance:	80,000 hours B50 L70 at 45C (LM-79-08 Standard)
Data (DMX):	5-pin XLR male/female / ARC: RJ45 Connectors
Output:	902 lumens
Color Range:	4.2 billion discrete mixes (255 x 255 x 255 x 254)
Operation:	DMX: 8 or 16 bit DMX512/Manual: Full Text LCD
Operating Temp.:	-13° to 113° F (-20° to 45° C)
Humidity:	0 - 95% non-condensing
Dimensions:	4in x 4in x 4.25 in (100mm x 100mm x 108mm)
Weight:	2.1 lbs (0.95kg)
Housing:	Powder Coated Aluminum Extrusion (1/8" wall)
Approvals:	FCC Class A Radiated and Conducted ETL / UL Satndards 1573 and 8750 cETL / CSA C22.2 #166-M1983 CE / IP20 Rated

MIRO CUBE ACCESSORIES

- Top hat
- 1/2 Top Hat
- Egg Crate Louver
- Barn Doors (Set of 4)
- Yokes and Mounting Hardware
- Symmetrical Diffusers
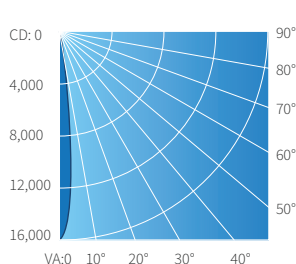- Asymmetrical Diffusers
- Power Cable with Inline Switch

PART NUMBERS

4CA Black:	515 90050 1040
4CA White:	515 90050 2040
4CA ARC BLACK:	515 90050 1041
4CA ARC WHITE:	515 90050 2041
Cable w/ Inline Switch:	515 91017 0005

All LEDs On
Without Diffuser

Polar Candela Distribution

CD: 0, 4,000, 8,000, 12,000, 16,000
VA:0 10° 20° 30° 40°
90° 80° 70° 60° 50°

Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	62,333	0.1m
1.0m	15,583	0.2m
1.5m	6,926	0.3m
2.0m	3,896	0.4m
2.5m	2,493	0.5m
3.0m	1,732	0.6m

Beam Spread: 12°

All LEDs On
With 20° Diffuser

Polar Candela Distribution

CD: 0, 500, 1,000, 1,500, 2,000
VA:0 10° 20° 30° 40°
90° 80° 70° 60° 50°
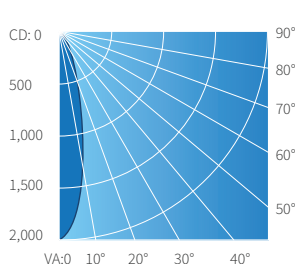
Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	7,986	0.2m
1.0m	1,997	0.5m
1.5m	887	0.7m
2.0m	499	0.9m
2.5m	319	1.2m
3.0m	222	1.4m

Beam Spread: 26°

All LEDs On
With 40° Diffuser

Polar Candela Distribution

CD: 0, 250, 500, 700, 900
VA:0 10° 20° 30° 40°
90° 80° 70° 60° 50°
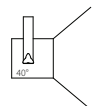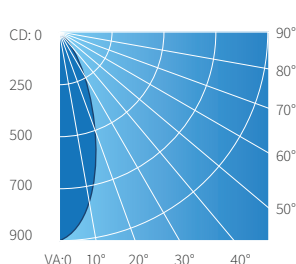
Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	3,503	0.4m
1.0m	876	0.8m
1.5m	389	1.1m
2.0m	219	1.5m
2.5m	140	1.9m
3.0m	97	2.3m

Beam Spread: 41°

All LEDs On
With 60° Diffuser

Polar Candela Distribution

CD: 0, 100, 300, 400, 500
VA:0 10° 20° 30° 40°
90° 80° 70° 60° 50°
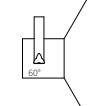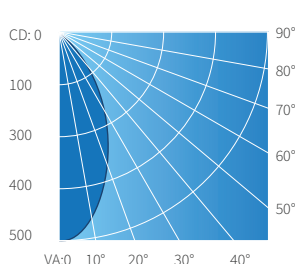
Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	2,040	0.5m
1.0m	510	1.0m
1.5m	227	1.5m
2.0m	128	2.1m
2.5m	82	2.6m
3.0m	57	3.1m

Beam Spread: 54°