

BRAQ CUBE™ WNC

DESIGNED BY THE BLACK TANK

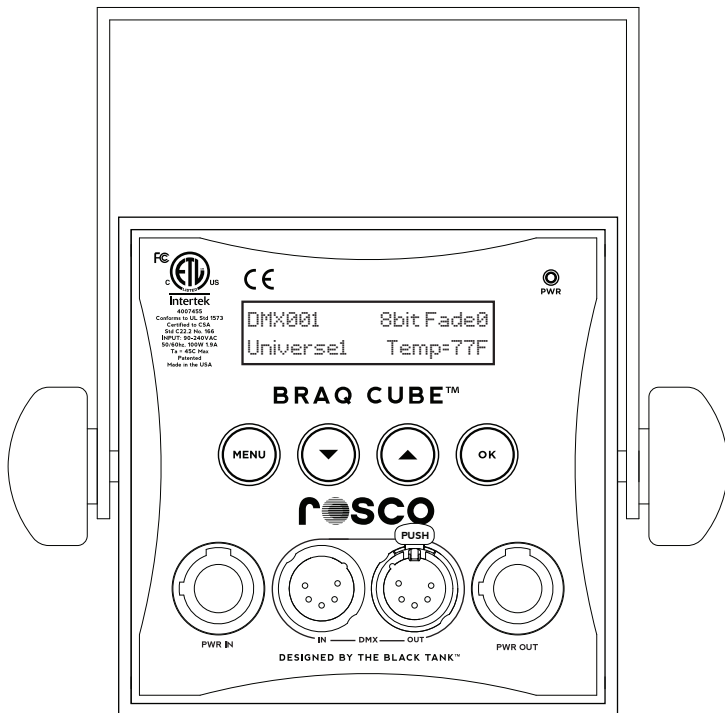


Brilliant Tunable White Light

Tunable from 2700K to 6500K, the Braq Cube™ WNC embodies what every lighting professional needs – over 7000 lumens of bright, beautiful white light!

Size matters, and Braq delivers where others can't! Using 21 high quality Cree XML 4W emitters, the Braq Cube™ WNC outputs more than 7000 lumens and can adjust from 2700K to 6500K. A unique mix of warm, neutral and cool LEDs insure excellent rendering across all color temperatures. Small enough to be built into scenery or soffits, and light enough to mount as a track light, the Braq Cube™ WNC is perfect for use on TV or film sets and photography studios, and in retail lighting, museum and other architectural installations that need a gorgeous white light with excellent color rendering.

At its native 19° beam spread, the Braq Cube™ packs a punch of light! But to provide the control needed by most designers, every Braq Cube™ comes complete with a set of lenses in 20°, 40° and 60° beam spreads.



Key Features

- Balanced assortment of warm, neutral and cool LEDs provide a bright yet versatile punch of white light
- 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 20 luminaries 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:	100 Watt at maximum output
Power Input:	Neutrik Powercon input and pass-thru
LED:	21 x 4W Cree XM-L LEDs
Data:	DMX 5-pin XLR male, 5-pin XLR Female
Output:	7100 lumens
Color Range:	2700K - 6500K
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:	5in x 5in x 5.3 in (127mm x 127mm x 135mm)
Weight:	3.5 lbs (1.6 kg)
Housing:	Powder Coated Aluminum Extrusion (1/8" wall)
Approvals:	FCC Class A Radiated and Conducted ETL / UL Standards 1573 and 8750 cETL / CSA C22.2 #166-M1983 CE / IP20 Rated

BRAQ CUBE ACCESSORIES

Top hat
Egg Crate Louver
Barn Doors (Set of 4)
Yokes & Mounting Hardware
Symmetrical Diffusers
Asymmetrical Diffusers
Power Cable with Inline Switch

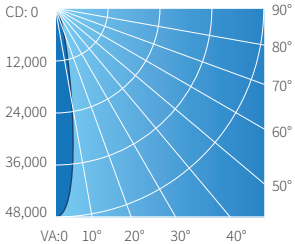
PART NUMBERS

Black w/ Power Cord:	515 90100 1020
White w/ Power Cord:	515 90100 2020
Black w/ No Cord:	515 90100 1120
White w/ No Cord:	515 90100 2120
Pass-Thru Cord:	515 91017 0001
Cable w/ Inline Switch:	515 91017 0005

All LEDs On Without Diffuser



Polar Candela Distribution



Illuminance at a Distance

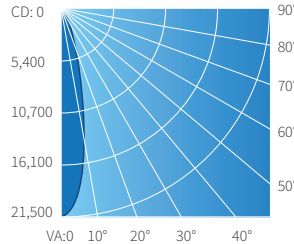
	Center Beam LUX	Beam Width
0.5m	189,076	0.2m
1.0m	47,269	0.3m
1.5m	21,008	0.5m
2.0m	11,817	0.7m
2.5m	7,563	0.8m
3.0m	5,252	1.0m

Beam Spread: 19°

All LEDs On With 20° Diffuser



Polar Candela Distribution

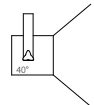


Illuminance at a Distance

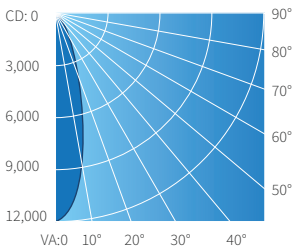
	Center Beam LUX	Beam Width
0.5m	85,831	0.2m
1.0m	21,458	0.4m
1.5m	9,537	0.7m
2.0m	5,364	0.9m
2.5m	3,433	1.1m
3.0m	2,384	1.3m

Beam Spread: 25°

All LEDs On With 40° Diffuser



Polar Candela Distribution

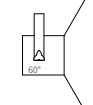


Illuminance at a Distance

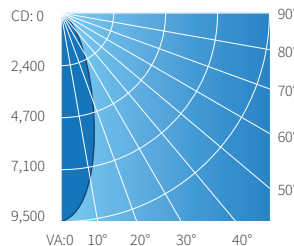
	Center Beam LUX	Beam Width
0.5m	47,897	0.3m
1.0m	11,974	0.5m
1.5m	5,322	0.8m
2.0m	2,994	1.1m
2.5m	1,916	1.3m
3.0m	1,330.5	1.6m

Beam Spread: 30°

All LEDs On With 60° Diffuser



Polar Candela Distribution



Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	37,702	0.3m
1.0m	9,426	0.6m
1.5m	4,189	0.9m
2.0m	2,356	1.2m
2.5m	1,508	1.5m
3.0m	1,047	1.9m

Beam Spread: 35°

