

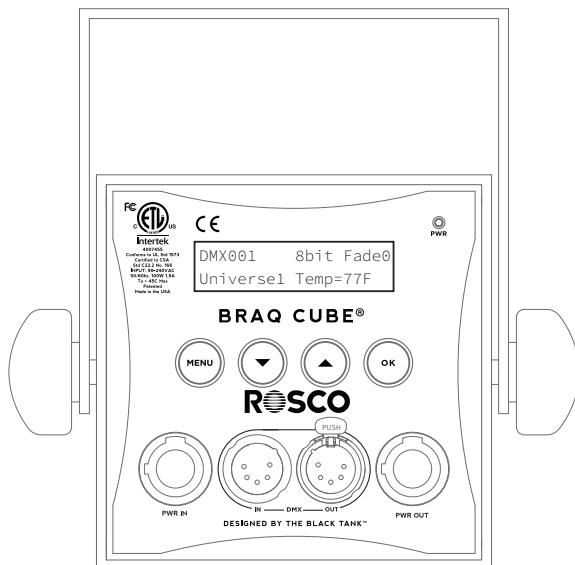
## Brilliant Tunable White Light

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 Samsung 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

## SPECIFICATIONS

Input Voltage:	90 - 240 VAC 50/60Hz	Humidity:	0 - 95% non-condensing
Power Consumption:	100 Watt at maximum output	Dimensions:	5 in x 5 in x 5.3 in (127 mm x 127 mm x 135 mm)
Power Input:	Neutrik Powercon input and pass-thru	Weight:	3.5 lbs (1.6 kg)
LED:	21 x 4W Samsung LEDs	Housing:	Powder Coated Aluminum Extrusion (1/8" wall)
Lumen Maintenance:	50,000 hours L50 at 45° C 100,000 hours L50 at 25° C (LM-79-08 Standard)	Approvals:	FCC Class A Radiated and Conducted ETL / UL Standards 1573 and 8750 cETL / CSA C22.2 #166-M1983 CE / IP20 Rated
Data:	DMX 5-pin XLR out, 5-pin XLR in		
Output:	7100 lumens		
Color Range:	2700K-6500K		
Operation Range:	DMX: 8 or 16 bit DMX512/Manual: Full Text LCD		
Operating Temp.:	-13° to 113° F (-20° to 45° C)		



Braq Cube® WNC	
Item Code	Description
515 90100 1120	Braq Cube WNC - Black (no power cord)
515 90100 2120	Braq Cube WNC - White (no power cord)

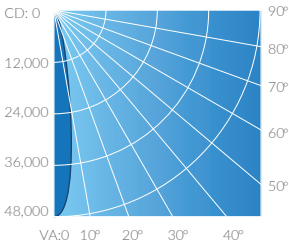
Braq Cube® Accessories			
Item Code	Description	Item Code	Description
515 91032 0000	Accessory Holder - Black	515 91012 3005	30° x 5° Asymmetrical Lens
515 91032 0004	Accessory Holder - White	515 91012 6010	60° x 10° Asymmetrical Lens
515 91032 0001	Top Hat - Black	515 91012 7545	75° x 45° Asymmetrical Lens
515 91032 0006	Top Hat - White	515 91010 0004	Set of Three Asymmetrical Spread Lenses
515 91032 0002	Egg Crate Louver - Black	515 91015 0005	Braq/Miro Powercon Cord w/ 3-Pin Type B Edison Plug, 8-ft
515 91032 0005	Egg Crate Louver - White	515 91017 0001	Braq Powercon Pass-Thru Cord, 8-ft
515 91032 0003	Barn Doors - Black	515 91015 0006	Braq/Miro Powercon Cord 13A w/ 3-Pin Type G Plug, 1.5m
515 91032 0008	Barn Doors - White	515 91015 0007	Braq/Miro Powercon Cord 15A w/ 2-Pin Type F Plug, 1.5m
515 91023 0000	Double-Yoke - Black	525 91116 0042	Braq 3 Circuit Stucchi Track Adaptor Black
515 91023 0001	Double-Yoke - White	525 91116 0032	Braq 3 Circuit Stucchi Track Adaptor White
515 91010 0120	20° Symmetrical Spread Lens	525 91116 0019	Braq 2 Circuit Stucchi Track Adaptor Black
515 91010 0140	40° Symmetrical Spread Lens	525 91116 0018	Braq 2 Circuit Stucchi Track Adaptor White
515 91010 0160	60° Symmetrical Spread Lens		
515 91010 0003	Set of Three Symmetrical Spread Lenses		

## PHOTOMETRICS

All LEDs On  
Without Diffuser



Polar Candela Distribution



Illuminance at a Distance

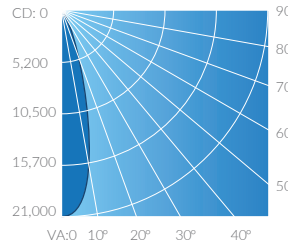
Center Beam LUX	Beam Width
0.5m: 189,076	0.2m
1.0m: 47,269	0.3m
1.5m: 21,008	0.5m
2.0m: 11,817	0.7m
2.5m: 7,563	0.8m
3.0m: 5,252	1.0m

Beam Angle: 19°  
Field Angle: 35°

All LEDs On  
With 20° Diffuser



Polar Candela Distribution

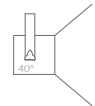


Illuminance at a Distance

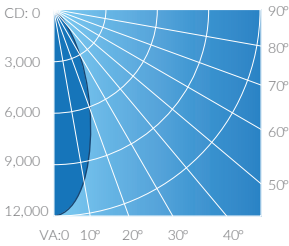
Center Beam LUX	Beam Width
0.5m: 83,652	0.2m
1.0m: 20,913	0.5m
1.5m: 9,295	0.7m
2.0m: 5,228	1.0m
2.5m: 3,346	1.2m
3.0m: 2,324	1.5m

Beam Angle: 28°  
Field Angle: 53°

All LEDs On  
With 40° Diffuser



Polar Candela Distribution

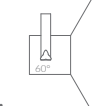


Illuminance at a Distance

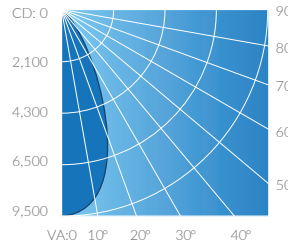
Center Beam LUX	Beam Width
0.5m: 46,934	0.3m
1.0m: 11,734	0.7m
1.5m: 5,215	1.0m
2.0m: 2,933	1.4m
2.5m: 1,877	1.7m
3.0m: 1,304	2.1m

Beam Angle: 37°  
Field Angle: 71°

All LEDs On  
With 60° Diffuser



Polar Candela Distribution



Illuminance at a Distance

Center Beam LUX	Beam Width
0.5m: 34,392	0.5m
1.0m: 8,598	0.9m
1.5m: 3,821	1.4m
2.0m: 2,150	1.8m
2.5m: 1,376	2.3m
3.0m: 955	2.7m

Beam Angle: 48°  
Field Angle: 79°