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BRAQ CUBE™ WNC
DESIGNED BY THE BLACK TANK

Massive output, tiny footprint!

Tunable from 2800K 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 2800K 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 with a complete set of lenses in 20°, 40° and 60° beam spreads.

BLACK TANK ENGINEERING ADVANTAGES

- Balanced assortment of warm, neutral and cool LEDs provide a bright yet versatile punch of white light
- Unique patented heat management system packs the most lumens into the smallest form factor
- No expensive power supply or ballasts needed – plug directly into mains power 90-240 VAC
- Neutrik Powercon connector and pass-thru for easy daisy-chain configuration
- Over 20 luminaires can be powered on a single 20A circuit
- Power Cord configurations include:
    - 8-ft AWG16 cord with Neutrik Powercon and 3-prong Edison ends
    - No cord

- Optional Power Cord Accessories include:
    - 8-ft AWG16 cord with Neutrik Powercon and 3-prong Edison ends, in-line switch
    - 8-ft AWG16 cord with Neutrik Male/Female ends (Powercon Pass-Thru)
- Flicker-free dimming in 8- or 16-bit resolution
- Intuitive full text LCD panel for manual operation
- 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
- Modular design easily configures in strips and arrays for maximum versatility

SPECIFICATIONS

Part No.

515 90100 1020 Braq Cube WNC w/Power Cord – Black
515 90100 2020 Braq Cube WNC w/Power Cord – White

515 90100 1120 Braq Cube WNC No Power Cord – Black
515 90100 2120 Braq Cube WNC No Power Cord – White

515 91017 0001 Powercon Pass-Thru Cable
515 91017 0005 Miro/Braq Powercon Cord w/Edison Plug, In-line Switch

LED	21 x 4W Cree XM-L LEDs
Output	7100 lumens
Lumen Maintenance	100,000 hours L50 at 25°C 50,000 hours L50 at 45°C
Color Range	2800K – 6500K
Operation	DMX: 8 or 16 bit DMX512 Manual: Full Text LCD interface sets color output

Input Voltage	90 – 240 VAC 50/60Hz
Power Input	Neutrik Powercon input and pass-thru
Data	5-pin XLR Male, 5-pin XLR Female - DMX
Power Consumption	100 Watt at maximum output
Operating Temp	-13° to 113° F (-20° to 45° C)
Humidity	0 – 95% non-condensing
Dimensions	5in x 5in x 5.3in (127mm x 127mm x 135mm)
Weight	3.5 lbs (1.6 kg)
Housing	Powder coated aluminum extrusion (1/8 in wall)
Approvals	FCC Class A Radiated and Conducted ETL / UL Standards 1573 and 8750 cETL / CSA C22.2#166-M1983 CE IP20 Rated

RoHS COMPLIANT C E

PHOTOMETRICS

Native Beam Angle ~ 19°

BRAQ Cube WNC

FEET	2	4	6	8	10	12	14	16	18	20
METERS	0.5	1.2	2	2.5	3	3.5	4.25	5	5.5	6

Beam Spread (Meters)		0.72	1.40	1.82	2.20	2.55	3.09	3.60	4.00	4.40
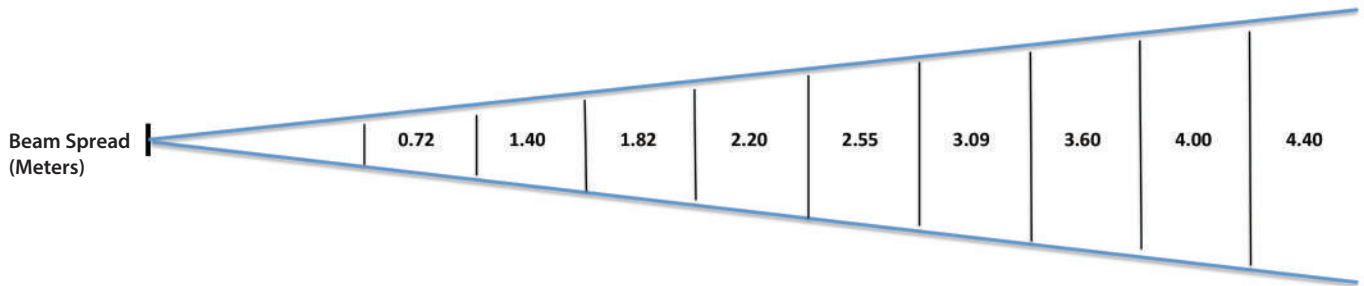
Mixed / 4300K	FC	12933	3098	1524.9	842	529.8	354.5	264	202.6	157	129.4
	LUX	139316	33348	16415	9066	5703	3817	2843	2181	1691	1393
Warm / 2700K	FC	3467.3	875	378	207.5	131	79	64.4	48.2	36.8	30.6
	LUX	37323	9419	4072	2234	1411	851	694	519	397	330
Neutral / 4000K	FC	5260	1302.5	545.5	291.6	16.8	129	95	72.6	55	43
	LUX	56619	14021	5872	3139	1796	1390	1023	782	592	464
Cool / 6500K	FC	6297.7	1479	623.6	353	218.6	151.4	106	84.3	63.6	53
	LUX	67791	15921	6713	3797	2354	1630	1142	908	685	572