PICA CUBE™ 4C
DESIGNED BY THE BLACK TANK
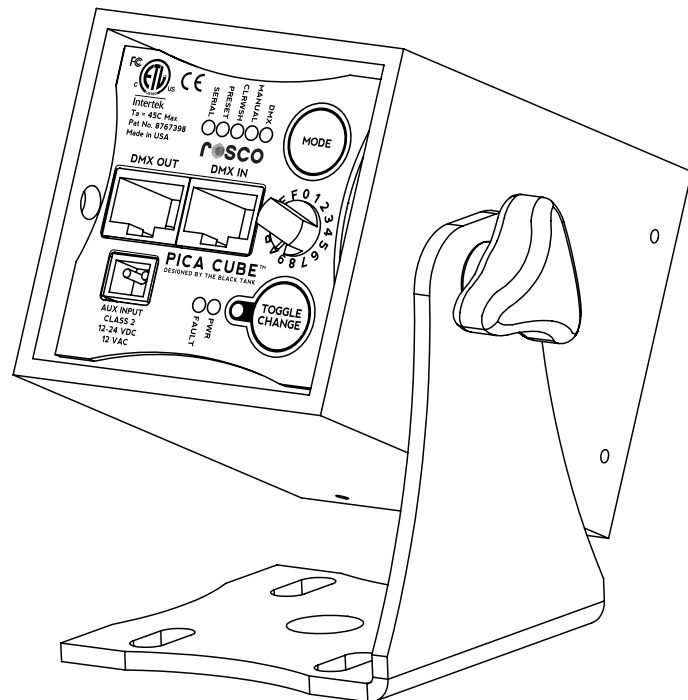
rosco

Gorgeous Palette of Colors

The Pica Cube 4C packs an unprecedented 22-24 watts of output into just a 2.5 inch cube! The fixture is built on Black Tank's GEN2 controls and patented heat management technology which provides users amazing light quality and options for broad-ranging installations for architainment, retail, museum, cruise ship and architectural applications.

Sharing the same best in class RGBW quad-chip emitters used in Pica's bigger siblings, the Miro and Braq Cubes™, a gorgeous palette of saturated, mid-tone and pale tint colors can be dialed in at the touch of a button. The single chip optic eliminates multi-colored shadows and creates a powerful, fully blended color wash wherever the designer needs it.

The Pica Cube can be powered via AC Mains (100-240VAC) using an available power-supply and controlled using standard DMX or in standalone mode via its easy-to-use on-board controls. The optional Pica Portal is capable of powering and controlling up to four Pica Cubes by providing power and data through a common Cat5 (24 AWG) cable.

Key Features

- 4C single chip optic with homogenizing lens features superb color uniformity and fringe-free shadows
- Unique patented (US Patent No. 8,767,398) heat management system packs the most lumens into the smallest form factor
- Variable power input from 12-24VDC enables versatile power options
- Over 90 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 on-board controls
- Easily installed in many applications using CAT5 cable that carries Power + Data
- Full assortment of spot, medium and wide lenses included
- Novel "filament mode" mimics the delayed blackout glow of incandescent fixtures

Supplied by:

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SPECIFICATIONS

Input Voltage:	12-24VDC or 12VAC
Power Consumption:	22W (DC Input) or 24W (AC Input) at 100% Output
Power Input:	Power Adapter (100-240VAC In/12-24VDC Out) or CAT5 (Power +Data)
LED:	1 x 12W Osram Multi-chip
Lumen Maintenance:	80,000 hours B50 L70 at 45C (LM-79-08 Standard)
Data:	DMX, RJ45 Connectors
Output:	285 lumens
Color Range:	4.2 billion discrete mixes (256 x 256 x 256 x 256)
Operation:	DMX: 8 or 16 bit DMX512/Manual: Rotary Knob
Operating Temp.:	-13° to 113° F (-20° to 45° C)
Humidity:	0 - 95% non-condensing
Dimensions:	2.5in x 2.5in x 3.6 in (63.5mm x 63.5mm x 91mm)
Weight:	0.9 lbs (0.41 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

PICA CUBE ACCESSORIES

Top Hat
Egg Crate Louver
Barn Doors (Set of 4)
Mounting Hardware
Symmetrical Diffusers
Asymmetrical Diffusers
Wall Power Adapter
Pica Portal 125

PART NUMBERS

4C Black:	515 90200 1014
4C White:	515 90200 2014

WHAT'S IN THE BOX

Pica Cube
Set of Homogenizing & Spread Lenses
Requires Wall Adapter or Pica Portal for power

All LEDs On
Without Diffuser

Polar Candela Distribution

Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	34,944	0.1m
1.0m	8,736	0.1m
1.5m	3,883	0.2m
2.0m	2,184	0.3m
2.5m	1,398	0.3m
3.0m	971	0.4m

Beam Spread: 8°

All LEDs On
With 20° Diffuser

Polar Candela Distribution

Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	4,279	0.2m
1.0m	1,070	0.4m
1.5m	475	0.6m
2.0m	267	0.8m
2.5m	171	1.0m
3.0m	119	1.1m

Beam Spread: 22°

All LEDs On
With 40° Diffuser

Polar Candela Distribution

Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	1,583	0.3m
1.0m	396	0.6m
1.5m	176	0.9m
2.0m	99	1.2m
2.5m	63	1.5m
3.0m	44	1.7m

Beam Spread: 34°

All LEDs On
With 60° Diffuser

Polar Candela Distribution

Illuminance at a Distance

	Center Beam LUX	Beam Width
0.5m	1,311	0.4m
1.0m	328	0.8m
1.5m	146	1.3m
2.0m	82	1.7m
2.5m	52	2.2m
3.0m	36	2.6m

Beam Spread: 48°