

CUBE
5" Ceiling Mount - Color Changing
DC-CD05

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____



LINE DRAWING



PRODUCT DESCRIPTION

The Cube Architectural Color Changing features a state of the art LED color and CCT tuning technology. Controlled via DMX-512A input with pendant, ceiling, and wall mounting options, the Cube Architectural provides top-notch illumination for both interior and exterior spaces.

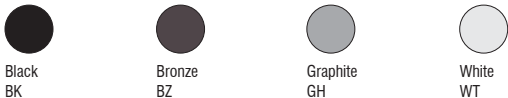
SPECIFICATIONS

Construction:	Durable die-cast aluminum construction
Mounting:	Ceiling mounted
Light Source:	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hours at L70
CCT Range:	1800 - 6500K
Input:	Universal 120-277V AC 50/60 Hz
Controls:	DMX512-A with DMX commissioning via RDM
Dimming:	Electronic low voltage (ELV) : 100 - 5% 0-10V: 100 - 1%
Maximum Delivered Intensity:	Up to 8600 cd (Spot 18°, 6500K, CRI 90)
Maximum Delivered Output:	Up to 1680 lm (Flood (A,B,) 90°, 6500K, CRI 90)
Operating Temperature:	-13°F to 122°F (-25°C to 50°C)
Standards:	IP65 rated, ETL & cETL wet location listed Title 24 JA8-2016 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Beam	Beam Angle	Color Temp	CRI	Reference Lumens	Output CBCP ¹
S Spot	18°	930	3000K	90	1455 7555
N Narrow	30°	930	3000K	90	1430 2920
F Flood	50°	930	3000K	90	1385 1540

Reference output based on performance measured at 3000K.

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ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam	Color Temperature & CRI	Housing Finish
DC-CD05	S - 18° N - 30° F - 50°	CC - Color Changing	BK - BLACK BZ - BRONZE GH - GRAPHITE WT - WHITE

DC-CD05-_-CC-__
Example: DC-CD05-S-CC-WT

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FEATURES

Optics: High lumen output across a full color changing spectrum	Construction: - Solid aluminum construction - IP65 wet location listed - Driver concealed within fixture body
LED: - High output COB LED with a 3-step Mac Adam ellipse - Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)	Trim and Reflector: Available in three different beam angles (18°, 30°, and 50°) that are sold separately
Electrical: Available in a 20W power level	Installation: - Mounting plate secures the fixture to the applicable junction box - Reflector can be replaced by removing one front panel assembly
Dimming: - DMX512-A with DMX commissioning via RDM available - Intensity control from 100 - 1% in CCT and color via DMX512-A - Full color gamut control through gradients of saturated colors from 1 - 100% - Full Tunable White (CCT) range of 1800K - 6500K	Warranty: - WAC Architectural limited warranty up to 5 years - Full warranty found at: waclighting.com/warranty
Notes: The White, Black, Bronze, and Graphite finishes are all electrostatically powder coated	

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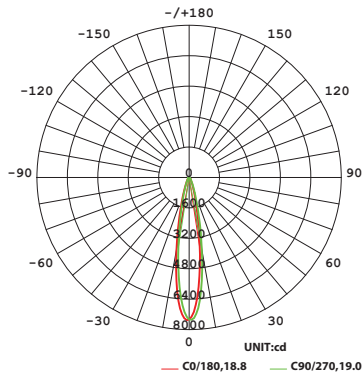
Location:

PERFORMANCE DATA

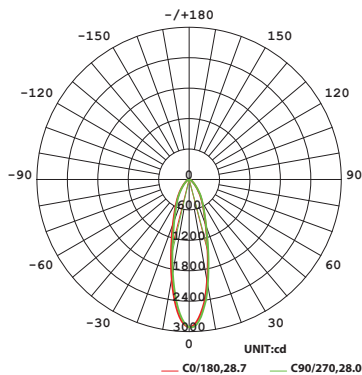
Polar Candela Distribution Charts

Samples shown at 3000K

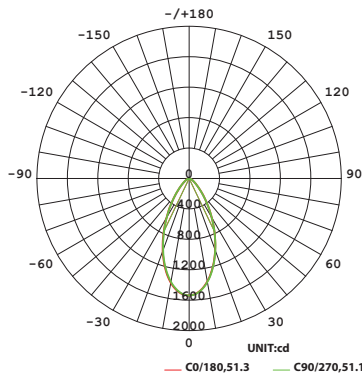
Spot Beam: 18° Beam



Narrow Flood Beam: 30° Beam



Flood Beam: 50° Beam



Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI.

Beam	Angle	UGR Range
Spot	16°	≤22
Narrow Flood	25°	≤25
Flood	33°	≤25

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WIRING DIAGRAMS

