

CUBE

5" Double Wall Mount - Color Changing

DC-WD05

Fixture Type:

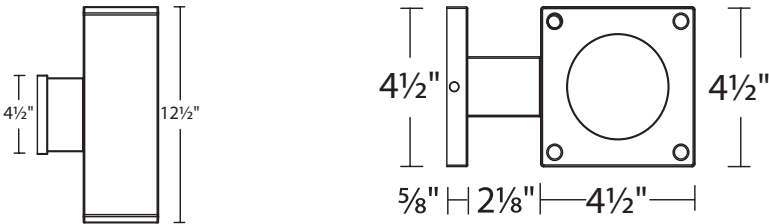
Project:

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:	Wall 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 8600x2 cd (Spot 18°, 6500K, CRI 90)
Maximum Delivered Output:	Up to 1680x2 lm (Flood (A,B,C) 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	Reference Output ¹			Light Direction
		CRI	Lumens	CBCP		
S Spot	18°	930 3000K	90	1455 x2 7555	S Straight	
N Narrow	30°	930 3000K	90	1430 x2 2920	A Away	
F Flood	50°	930 3000K	90	1385 x2 1540	B Towards	
F Flood	90°	930 3000K	90	1515 x2 -	C One each	

Reference output based on performance measured at 3000K.

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ORDERING INFORMATION

CONFIGURATION TABLE				
Model & Size	Beam	Light Direction	Color Temperature & CRI	Housing Finish
DC-WD05 (20W x2)	S - 18°	S - Straight	CC - Color Changing	BK - BLACK
	N - 30°	A - Away		BZ - BRONZE
	F - 50°	B - Towards		GH - GRAPHITE
	F - 90°	C - One each		WT - WHITE

DC-WD05-__-CC-__
Example: DC-WD05-FA-CC-GH

ORDERING NOTES	
1.	18°, 30°, and 50° beams can only be ordered with the Light Direction "S-Straight".
2.	90° beam fixtures can only be ordered with the Light Directions "A-Away", "B-Towards", and "C-One each".

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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 four different beam angles (18°, 30°, 50°, and 90°) 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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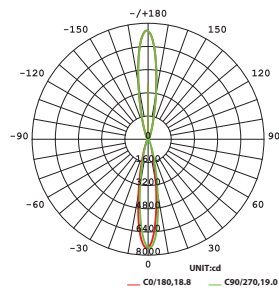
Location:

PERFORMANCE DATA

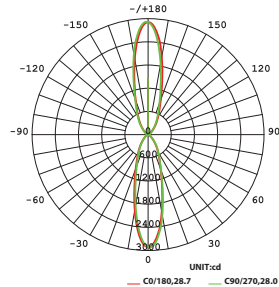
Polar Candela Distribution Charts

Samples shown at 3000K

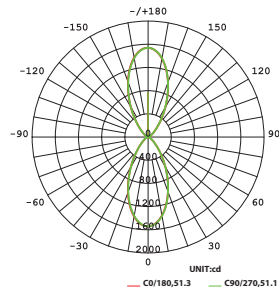
Spot Beam: 18°, Light Direction: Straight



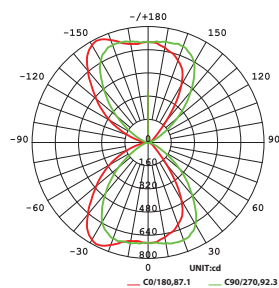
Narrow Flood Beam: 30°, Light Direction: Straight



Flood Beam: 50°, Light Direction: Straight



Flood Beam: 90°, Light Direction: Away



Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI.

Beam	Angle	UGR Range
Spot	18°	≤ 17
Narrow Flood	30°	≤ 20
Flood - S	50°	≤ 20
Flood - A	90° - Away	≤ 32
Flood - B	90° - Towards	≤ 24
Flood - C	90° - One each	≤ 32

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WIRING DIAGRAMS

