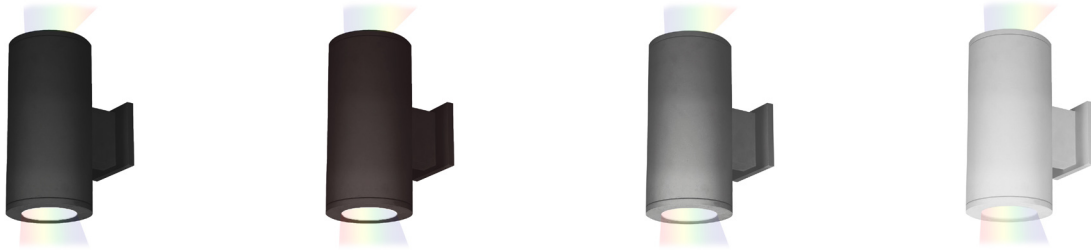


Tube Architectural

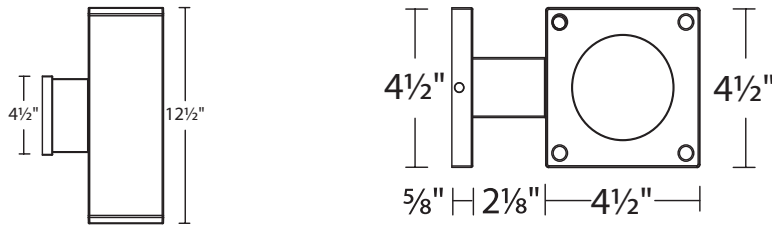
5" Color Changing Double Wall Mount

DS-WD05 (CC)

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 RDM
Dimming:	DMX512-A with RDM: 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 CRI Lumens CBCP	Light Direction
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.

Tube Architectural
5" Color Changing Double Wall Mount
DS-WD05 (CC)

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

ORDERING INFORMATION

CONFIGURATION TABLE				
Model & Size	Beam	Light Direction	Color Temperature & CRI	Housing Finish
DS-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

DS-WD05-__-CC-__

Example: DS-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".

Tube Architectural
5" Color Changing Double Wall Mount
DS-WD05 (CC)

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

FEATURES

<p>Optics:</p> <ul style="list-style-type: none"> • High lumen output across a full color changing spectrum 	<p>Construction:</p> <ul style="list-style-type: none"> • Solid aluminum construction • IP65 wet location listed • Driver concealed within fixture body
<p>LED:</p> <ul style="list-style-type: none"> • 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.) 	<p>Trim and Reflector:</p> <ul style="list-style-type: none"> • Available in four different beam angles (18°, 30°, 50°, and 90°) that are sold separately
<p>Electrical:</p> <ul style="list-style-type: none"> • Available in a 20W power level 	<p>Installation:</p> <ul style="list-style-type: none"> • Mounting plate secures the fixture to the applicable junction box • Reflector can be replaced by removing one front panel assembly
<p>Dimming:</p> <ul style="list-style-type: none"> • 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 	<p>Warranty:</p> <ul style="list-style-type: none"> • WAC Architectural limited warranty up to 5 years • Full warranty found at: wacighting.com/warranty
<p>Notes:</p> <ul style="list-style-type: none"> • The White, Black, Bronze, and Graphite finishes are all electrostatically powder coated 	

Tube Architectural
5" Color Changing Double Wall Mount
DS-WD05 (CC)

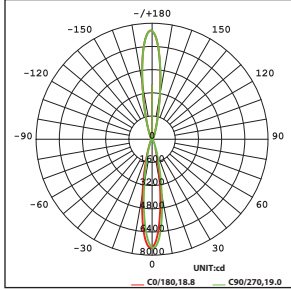
Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

PERFORMANCE DATA

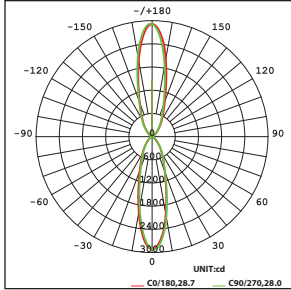
Polar Candela Distribution Charts

Samples shown at 3000K

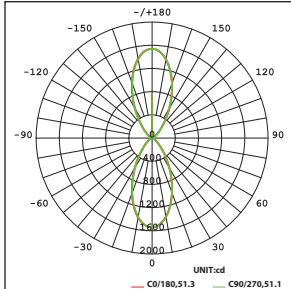
Spot Beam: 18°, Light Direction: Straight



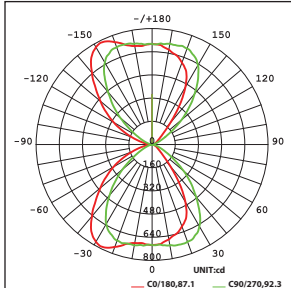
Narrow Flood Beam: 30°, Light Direction: Straight



Flood Beam: 50°, Light Direction: Straight



Flood Beam: 90°, Light Direction: Away



Unified Glare Rating (UGR) Table

UGR values shown are calculated for the Spot Beam (16°) optic at 3000K. General performance of other beam angles shown below.

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	13.0	13.7	13.8	14.4	15.4	12.7	13.4	13.5	14.2	15.2	
3H	13.5	14.1	14.4	14.9	16.0	13.2	13.8	14.1	14.6	15.7	
4H	13.6	14.2	14.5	15.0	16.1	13.3	13.9	14.2	14.7	15.8	
6H	13.6	14.1	14.5	15.0	16.1	13.2	13.8	14.2	14.6	15.8	
8H	13.5	14.0	14.5	14.9	16.1	13.2	13.7	14.1	14.6	15.7	
12H	13.5	14.0	14.4	14.9	16.0	13.1	13.6	14.0	14.5	15.6	
4H	2H	13.0	13.6	13.9	14.5	15.5	12.8	13.4	13.7	14.2	15.3
	3H	13.7	14.2	14.6	15.1	16.2	13.4	13.9	14.3	14.8	15.9
	4H	13.8	14.3	14.8	15.2	16.4	13.5	14.0	14.5	14.9	16.1
	6H	13.9	14.2	14.8	15.2	16.4	13.5	13.9	14.5	14.9	16.1
	8H	13.8	14.2	14.8	15.1	16.4	13.5	13.8	14.5	14.8	16.0
	12H	13.7	14.1	14.7	15.0	16.3	13.4	13.7	14.4	14.7	16.0
8H	4H	13.7	14.1	14.7	15.0	16.3	13.4	13.8	14.4	14.8	16.0
	6H	13.8	14.1	14.8	15.1	16.3	13.5	13.8	14.5	14.8	16.0
	8H	13.8	14.0	14.8	15.0	16.3	13.4	13.7	14.5	14.7	16.0
	12H	13.7	13.9	14.7	14.9	16.2	13.4	13.6	14.4	14.6	15.9
12H	4H	13.6	14.0	14.6	14.9	16.2	13.4	13.7	14.4	14.7	15.9
	6H	13.7	14.0	14.7	15.0	16.3	13.4	13.7	14.4	14.7	16.0
	8H	13.7	13.9	14.7	14.9	16.2	13.4	13.6	14.4	14.6	15.9

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