

Tube Architectural

5" Color Changing Wall Mount

DS-WS05 (CC)

Fixture Type: _____

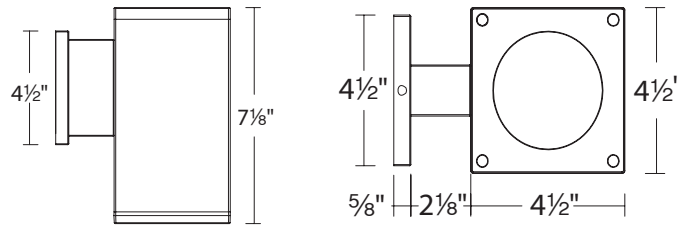
Project: _____

Catalog#: _____

Location: _____



LINE DRAWING



PRODUCT DESCRIPTION

The Tube 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 Tube 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 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 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Beam	Beam Angle	Color Temp	CRI	Reference Output ¹ Lumens	CBCP	Light Direction
S Spot	18°	930 3000K	90	1455	7555	S Straight
N Narrow	30°	930 3000K	90	1430	2920	
F Flood	50°	930 3000K	90	1385	1540	A Away
F Flood	90°	930 3000K	90	1515	-	B Towards

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
DS-WS05 (20W)	S - 18°	S - Straight	CC - Color Changing	BK - BLACK
	N - 30°	A - Away		BZ - BRONZE
	F - 50°	B - Towards		GH - GRAPHITE
	F - 90°			WT - WHITE

DS-WS05-__-CC-__

Example: DS-WS05-FA-CC-GH

ORDERING NOTES

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

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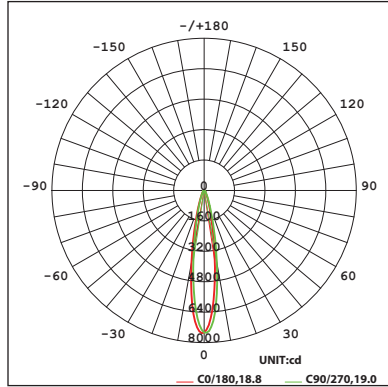
Location: _____

PERFORMANCE DATA

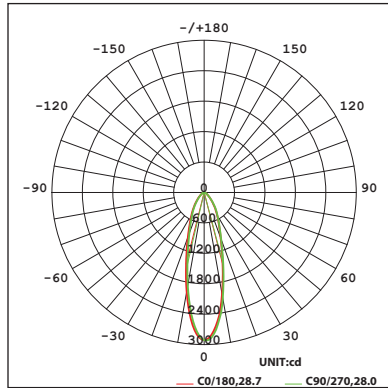
Polar Candela Distribution Charts

Samples shown at 3000K

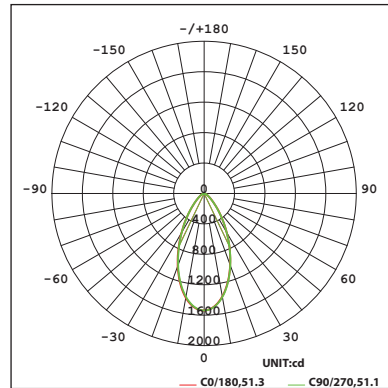
Spot Beam: 18° Beam



Narrow Flood Beam: 30° Beam



Flood Beam: 50° Beam



Unified Glare Rating (UGR) Table

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	18.7	19.5	18.9	19.7	19.8	18.4	19.2	18.6	19.3	19.5
3H	19.4	20.1	19.6	20.3	20.5	19.1	19.8	19.3	20.0	20.2
4H	19.6	20.3	19.9	20.5	20.7	19.2	19.9	19.5	20.1	20.3
6H	19.6	20.3	19.9	20.5	20.8	19.3	19.9	19.6	20.2	20.4
8H	19.6	20.3	19.9	20.5	20.8	19.2	19.9	19.5	20.1	20.4
12H	19.6	20.2	19.9	20.5	20.8	19.2	19.8	19.5	20.1	20.4
4H	2H	19.0	19.7	19.3	19.9	20.1	18.7	19.4	19.0	19.7
	3H	19.8	20.4	20.1	20.7	21.0	19.5	20.1	19.8	20.4
	4H	20.1	20.6	20.4	20.9	21.2	19.7	20.3	20.1	20.6
	6H	20.2	20.7	20.5	21.0	21.3	19.8	20.3	20.2	20.6
	8H	20.2	20.6	20.6	21.0	21.4	19.8	20.3	20.2	20.6
	12H	20.1	20.6	20.5	20.9	21.3	19.8	20.2	20.2	20.6
8H	4H	20.1	20.5	20.5	20.9	21.3	19.8	20.2	20.2	20.6
	6H	20.2	20.6	20.7	21.0	21.4	19.9	20.3	20.3	20.7
	8H	20.2	20.6	20.7	21.0	21.4	19.9	20.2	20.3	20.6
	12H	20.2	20.5	20.7	20.9	21.4	19.9	20.1	20.3	20.6
12H	4H	20.0	20.5	20.4	20.8	21.2	19.7	20.2	20.1	20.5
	6H	20.2	20.5	20.6	21.0	21.4	19.9	20.2	20.3	20.6
	8H	20.2	20.5	20.7	20.9	21.4	19.9	20.2	20.3	20.6

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