

Tube Architectural

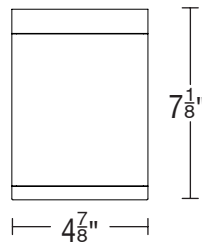
5" Color Changing Ceiling Mount

DS-CD05 (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:	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 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, UL & cUL wet location listed Title 24 JA8-2016 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



S - 18°



N - 30°



F - 50°

FINISHES



Black
BK



Bronze
BZ



Graphite
GH



White
WT

Beam	Beam Angle	Color Temp	CRI	Reference Output ¹	
				Lumens	CBCP
S <i>Spot</i>	18°	930	3000K	90	1455 7555
N <i>Narrow</i>	30°	930	3000K	90	1430 2920
F <i>Flood</i>	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
DS-CD05	S - 18° N - 30° F - 50°	CC - Color Changing	BK - BLACK BZ - BRONZE GH - GRAPHITE WT - WHITE

DS-CD05-__-CC-__

Example: DS-CD05-S-CC-WT

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5" Color Changing Ceiling Mount

DS-CD05 (CC)

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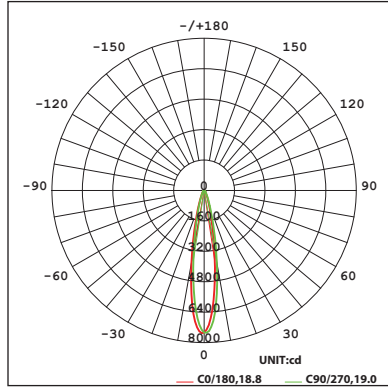
Location: _____

PERFORMANCE DATA

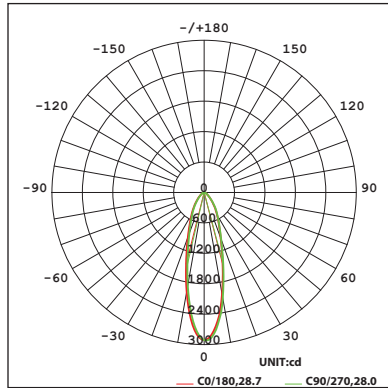
Polar Candela Distribution Charts

Samples shown at 3000K

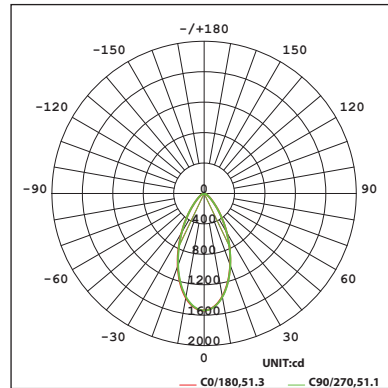
Spot Beam: 18° Beam



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