

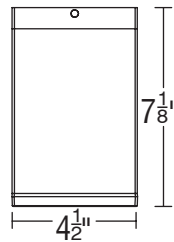
Tube Architectural 5" Ceiling Mount

DS-CD05 | DS-CD0517

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



LINE DRAWING



PRODUCT DESCRIPTION

Sleek and stylish. Crafted of die-cast aluminum with an etched glass diffuser for broad based or focused illumination in baths, closets and other rooms, as well as outdoor locations, in residential and commercial spaces. Mounts to walls or ceilings. Five handsome finishes. Precise engineering using the latest energy-efficient LED technology with a built-in reflector for superior optics.

SPECIFICATIONS

Construction:	Durable die-cast aluminum construction
Mounting:	Ceiling mounted
Light Source:	High output 3-step Mac Adam Ellipse COB Rated life of 60,000 hours at L70
Input:	Universal 120-277V AC 50/60 Hz
Dimming:	Electronic low voltage (ELV) : 100 - 5% 0-10V: 100 - 1%
Maximum Delivered Intensity:	Up to 13062 cd (Spot 16°, 4000K, CRI 85)
Maximum Delivered Output:	Up to 2470 lm (Flood 33°, 4000K, CRI 85)
Operating Temperature:	-13°F to 122°F (-25°C to 50°C)
Standards:	IP65 rated, ETL & cETL wet location listed Energy Star® 2.2 rated, Title 24 JA8-2016 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Beam	Beam Angle	Color Temp	CRI	Reference Lumens	Output ¹ CBCP	Efficacy (Lm/W)	
S Spot	16°	927	2700K	90	1825	10050	73
		827	2700K	85	2190	12057	88
		930	3000K	90	1895	10427	76
		830	3000K	85	2300	12644	92
		835	3500K	85	2350	12937	94
		840	4000K	85	2375	13062	95
N Narrow	25°	927	2700K	90	1810	5280	72
		827	2700K	85	2170	6335	87
		930	3000K	90	1880	5478	75
		830	3000K	85	2275	6643	91
		835	3500K	85	2330	6797	93
		840	4000K	85	2350	6863	94
F Flood	33°	927	2700K	90	1900	4515	76
		827	2700K	85	2280	5417	91
		930	3000K	90	1970	4685	79
		830	3000K	85	2390	5681	96
		835	3500K	85	2445	5812	98
		840	4000K	85	2470	5870	99

Reference output shows 25W output. Multiply by 0.7 to determine output for 17W combinations.

Tube Architectural

5" Ceiling Mount

DS-CD05 | DS-CD0517

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam	Color Temperature & CRI	Housing Finish
DS-CD05 (25W) DS-CD0517 (17W)	S - 16°	827 - 2700K - 85	BK - BLACK
	N - 25°	830 - 3000K - 85	BZ - BRONZE
	F - 33°	835 - 3500K - 85	GH - GRAPHITE
		840 - 4000K - 85	WT - WHITE
		927 - 2700K - 90	
		930 - 3000K - 90	

DS-CD05-____-__

Example: DS-CD05-N927-BK

Tube Architectural

5" Ceiling Mount

DS-CD05 | DS-CD0517

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

FEATURES

<p>Optics:</p> <ul style="list-style-type: none"> • High lumen output at six different CCT/CRI combinations available 	<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 60,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 60,000 hours of use.) 	<p>Trim and Reflector:</p> <ul style="list-style-type: none"> • Available in three different beam angles (16°, 25°, and 33°) that are sold separately
<p>Electrical:</p> <ul style="list-style-type: none"> • Available in 17W and 25W power levels 	<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"> • Electronic Low Voltage (ELV) and 0-10V dimming are available • ELV dimming is capable of a 100 - 5% range • 0-10V dimming is capable of a 100 - 1% range 	<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" Ceiling Mount

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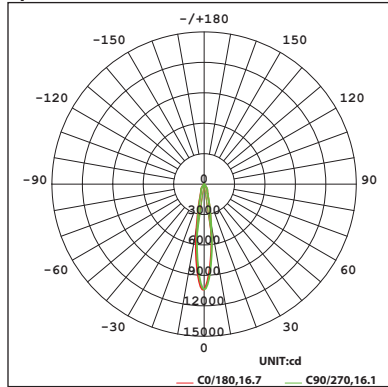
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PERFORMANCE DATA

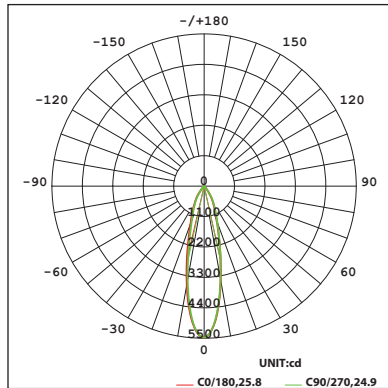
Polar Candela Distribution Charts

Samples shown with a 25W fixture set to 3000K and 90 CRI.

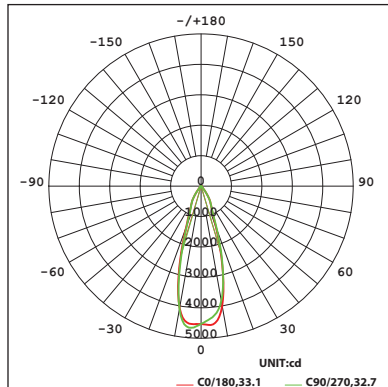
Spot Beam: 16° Beam



Narrow Flood Beam: 25° Beam



Flood Beam: 33° Beam



Unified Glare Rating (UGR) Table

UGR values shown are calculated for the Spot Beam (16°) optic at 3000K and 90 CRI. 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	5.8	6.5	6.0	6.7	6.9	5.5	6.2	5.7	6.4	6.6	
3H	6.1	6.8	6.4	7.1	7.3	5.8	6.6	6.1	6.8	7.0	
4H	6.4	7.1	6.7	7.4	7.6	6.2	6.8	6.5	7.1	7.3	
6H	6.8	7.5	7.1	7.7	8.0	6.5	7.2	6.9	7.5	7.7	
8H	7.0	7.7	7.4	7.9	8.2	6.8	7.4	7.1	7.7	8.0	
12H	7.3	7.9	7.7	8.2	8.5	7.0	7.6	7.4	7.9	8.2	
4H	2H	5.8	6.5	6.1	6.7	7.0	5.5	6.2	5.8	6.4	6.7
3H	6.3	6.9	6.6	7.2	7.5	6.1	6.7	6.4	7.0	7.3	
4H	6.8	7.3	7.1	7.6	8.0	6.5	7.1	6.9	7.4	7.8	
6H	7.3	7.8	7.7	8.2	8.6	7.2	7.6	7.6	8.0	8.4	
8H	7.6	8.1	8.1	8.5	8.9	7.5	7.9	7.9	8.3	8.7	
12H	8.0	8.5	8.5	8.9	9.3	7.9	8.3	8.3	8.7	9.2	
8H	4H	6.9	7.4	7.3	7.7	8.2	6.7	7.2	7.1	7.6	8.0
6H	7.6	8.0	8.1	8.5	8.9	7.5	7.9	8.0	8.4	8.8	
8H	8.1	8.4	8.6	8.9	9.4	8.1	8.4	8.5	8.8	9.3	
12H	8.6	8.9	9.1	9.4	9.9	8.7	9.0	9.2	9.4	10.0	
12H	4H	6.9	7.3	7.4	7.7	8.2	6.7	7.1	7.2	7.6	8.0
6H	7.7	8.1	8.2	8.5	9.0	7.6	8.0	8.1	8.4	8.9	
8H	8.2	8.5	8.7	9.0	9.5	8.2	8.5	8.7	9.0	9.5	

Beam	Angle	UGR Range
Spot	16°	≤10
Narrow Flood	25°	≤11
Flood	33°	≤10