

## Tube Architectural

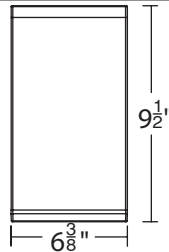
### 6" Ceiling Mount

DS-CD06 | DS-CD0622

Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_



#### LINE DRAWING



#### PRODUCT DESCRIPTION

The latest energy efficient LED technology in an appealing cylindrical profile delivers accent and wall wash lighting. Comes in various light distribution and beam angle options.

#### SPECIFICATIONS

**Construction:** Durable die-cast aluminum construction  
**Mounting:** Ceiling mounted pendant

**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 24490 cd (Spot 16°, 4000K, CRI 85)  
**Maximum Delivered Output:** Up to 3675 lm (Flood 38°, 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 Angle	Color Temp	CRI	Reference Lumens	Output <sup>1</sup> CBCP	Efficacy (Lm/W)	
S Spot 16°	<b>927</b>	2700K	90	2820	18842	81
	<b>827</b>	2700K	85	3385	22608	97
	<b>930</b>	3000K	90	2925	19543	84
	<b>830</b>	3000K	85	3535	23632	101
	<b>835</b>	3500K	85	3630	24255	104
N Narrow 28°	<b>840</b>	4000K	85	3665	24490	105
	<b>927</b>	2700K	90	2800	7992	80
	<b>827</b>	2700K	85	3360	9589	96
	<b>930</b>	3000K	90	2900	8290	83
	<b>830</b>	3000K	85	3510	10024	100
F Flood 38°	<b>835</b>	3500K	85	3600	10288	103
	<b>840</b>	4000K	85	3635	10388	104
	<b>927</b>	2700K	90	2825	5451	81
	<b>827</b>	2700K	85	3390	6540	97
	<b>930</b>	3000K	90	2930	5654	84
F Flood 38°	<b>830</b>	3000K	85	3545	6836	101
	<b>835</b>	3500K	85	3640	7017	104
	<b>840</b>	4000K	85	3675	7085	105

Reference output shows 35W output aimed straight up or down. Multiply by 0.7 to determine output for 22W combinations.



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### ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam	Color Temperature & CRI	Housing Finish
<b>DS-CD06</b> (35W) <b>DS-CD0622</b> (22W)	<b>S</b> - 16°	<b>827</b> - 2700K - 85	<b>BK</b> - BLACK
	<b>N</b> - 28°	<b>830</b> - 3000K - 85	<b>BZ</b> - BRONZE
		<b>835</b> - 3500K - 85	<b>GH</b> - GRAPHITE
	<b>F</b> - 38°	<b>840</b> - 4000K - 85	<b>WT</b> - WHITE
		<b>927</b> - 2700K - 90	
		<b>930</b> - 3000K - 90	

**DS-CD06-\_\_\_\_\_ - \_\_\_\_**

Example: DS-CD06-N927-BK

### ORDERING NOTES

- 16° and 28° can only be ordered with the Light Direction "S-Straight".
- 38° beam fixtures can be ordered with the Light Directions "S-Straight", "A-Away", and "B-Towards".

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## 6" Ceiling Mount

DS-CD06 | DS-CD0622

Fixture Type: \_\_\_\_\_

Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_

### FEATURES

<p><b>Optics:</b></p> <ul style="list-style-type: none"> <li>• High lumen output at six different CCT/CRI combinations available</li> </ul>	<p><b>Construction:</b></p> <ul style="list-style-type: none"> <li>• Solid aluminum construction</li> <li>• IP65 wet location listed</li> <li>• Driver concealed within fixture body</li> </ul>
<p><b>LED:</b></p> <ul style="list-style-type: none"> <li>• High output COB LED with a 3-step Mac Adam ellipse</li> <li>• 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.)</li> </ul>	<p><b>Trim and Reflector:</b></p> <ul style="list-style-type: none"> <li>• Available in three different beam angles (16°, 28°, and 38°) that are sold separately</li> </ul>
<p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Available in 22W and 35W power levels</li> </ul>	<p><b>Installation:</b></p> <ul style="list-style-type: none"> <li>• Mounting plate secures the fixture to the applicable junction box</li> <li>• Reflector can be replaced by removing one front panel assembly</li> </ul>
<p><b>Dimming:</b></p> <ul style="list-style-type: none"> <li>• Electronic Low Voltage (ELV) and 0-10V dimming are available</li> <li>• ELV dimming is capable of a 100 - 5% range</li> <li>• 0-10V dimming is capable of a 100 - 1% range</li> </ul>	<p><b>Warranty:</b></p> <ul style="list-style-type: none"> <li>• WAC Architectural limited warranty up to 5 years</li> <li>• Full warranty found at: <a href="http://wacighting.com/warranty">wacighting.com/warranty</a></li> </ul>
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The White, Black, Bronze, and Graphite finishes are all electrostatically powder coated</li> </ul>	

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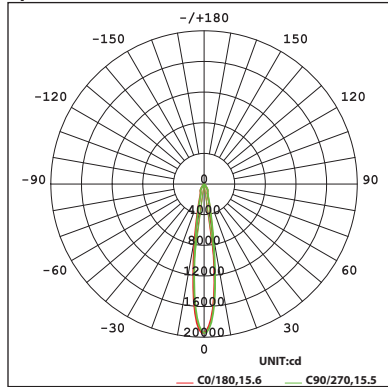
Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### PERFORMANCE DATA

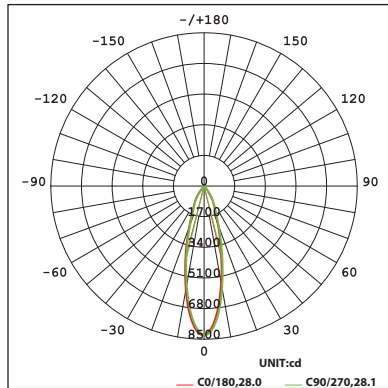
#### Polar Candela Distribution Charts

Samples shown with a 35W fixture set to 3000K and 90 CRI.

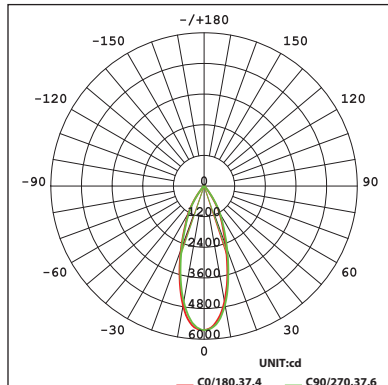
##### Spot Beam: 16° Beam



##### Narrow Flood Beam: 28° Beam



##### Flood Beam: 38° 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	5.1	5.8	5.3	6.0	6.2	4.7	5.4	4.9	5.6	5.8	
3H	5.4	6.1	5.6	6.3	6.5	5.1	5.7	5.3	5.9	6.1	
4H	5.6	6.2	5.9	6.5	6.7	5.3	5.9	5.6	6.2	6.4	
6H	5.8	6.4	6.1	6.7	6.9	5.5	6.1	5.8	6.4	6.6	
8H	5.9	6.5	6.2	6.7	7.0	5.5	6.1	5.8	6.4	6.7	
12H	6.0	6.5	6.3	6.8	7.1	5.6	6.1	5.9	6.4	6.7	
4H	2H	5.1	5.7	5.4	6.0	6.2	4.7	5.4	5.0	5.6	5.8
	3H	5.5	6.1	5.8	6.4	6.7	5.2	5.8	5.5	6.1	6.4
	4H	5.8	6.4	6.2	6.7	7.0	5.6	6.1	5.9	6.4	6.7
	6H	6.2	6.7	6.6	7.0	7.3	5.9	6.4	6.3	6.7	7.1
	8H	6.3	6.8	6.7	7.1	7.5	6.0	6.5	6.4	6.8	7.2
	12H	6.5	6.9	6.9	7.3	7.7	6.1	6.5	6.5	6.9	7.3
8H	4H	5.9	6.4	6.3	6.7	7.1	5.7	6.1	6.1	6.5	6.9
	6H	6.4	6.8	6.8	7.2	7.6	6.2	6.5	6.6	6.9	7.4
	8H	6.6	7.0	7.1	7.4	7.8	6.4	6.7	6.8	7.1	7.6
	12H	6.9	7.2	7.4	7.6	8.1	6.5	6.8	7.0	7.3	7.7
12H	4H	5.9	6.3	6.3	6.7	7.1	5.7	6.1	6.1	6.5	6.9
	6H	6.4	6.7	6.9	7.2	7.6	6.2	6.5	6.7	7.0	7.4
	8H	6.7	7.0	7.2	7.4	7.9	6.5	6.7	6.9	7.2	7.7

Beam	Angle	UGR Range
Spot	16°	≤ 8
Narrow Flood	28°	≤ 8
Flood	38°	≤ 9