

## Tube Architectural

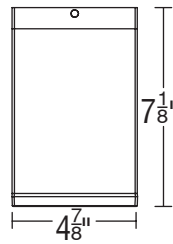
### 5" Ceiling Mount

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

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

#### BEAM ANGLES



#### FINISHES



| Beam        | Beam Angle | Color Temp | CRI   | Reference Lumens | Output <sup>1</sup> CBCP | Efficacy (Lm/W) |    |
|-------------|------------|------------|-------|------------------|--------------------------|-----------------|----|
| S<br>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 |
| N<br>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 |
| F<br>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       |
| <b>DS-CD05</b> (25W)<br><b>DS-CD0517</b> (17W) | <b>S</b> - 16° | <b>827</b> - 2700K - 85 | <b>BK</b> - BLACK    |
|  | <b>N</b> - 25° | <b>830</b> - 3000K - 85 | <b>BZ</b> - BRONZE   |
|  | <b>F</b> - 33° | <b>835</b> - 3500K - 85 | <b>GH</b> - GRAPHITE |
|  |                | <b>840</b> - 4000K - 85 | <b>WT</b> - WHITE    |
|  |                | <b>927</b> - 2700K - 90 |                      |
|  |                | <b>930</b> - 3000K - 90 |                      |

**DS-CD05-\_\_\_\_-\_\_**

Example: DS-CD05-N927-BK

## Tube Architectural 5" Ceiling Mount

DS-CD05 | DS-CD0517

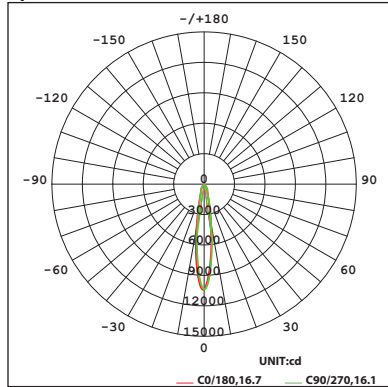
Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### PERFORMANCE DATA

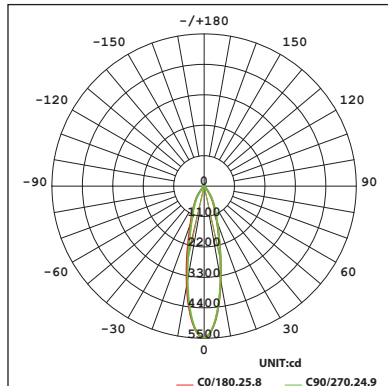
#### Polar Candela Distribution Charts

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

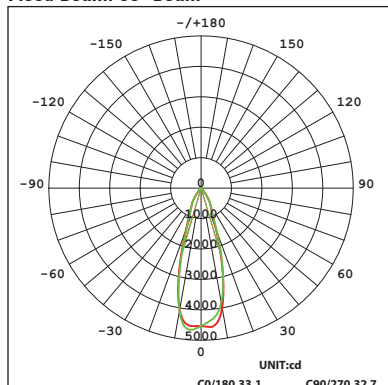
##### Spot Beam: 16° Beam



##### 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       |