

CUBE

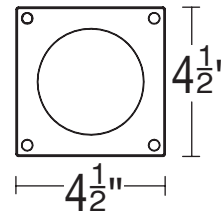
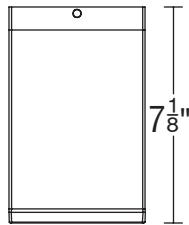
5" Ceiling Mount - Color Changing

DC-CD05

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



LINE DRAWING



PRODUCT DESCRIPTION

The Cube 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 Cube 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 DMX commissioning via RDM |
| Dimming: | Electronic low voltage (ELV) : 100 - 5% 0-10V: 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 JA8-2016 Compliant |
| Warranty: | 5 year WAC Lighting guaranteed warranty |

BEAM ANGLES



FINISHES



| Beam | Beam Angle | Color Temp | CRI | Reference Lumens | Output CBCP ¹ |
|---------------------------|------------|------------------|-----|------------------|--------------------------|
| 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.



CUBE

5" Ceiling Mount - Color Changing

DC-CD05

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

| CONFIGURATION TABLE | | | |
|---------------------|--|----------------------------|--|
| Model & Power | Beam | Color Temperature & CRI | Housing Finish |
| DC-CD05 | S - 18° N - 30° F - 50° | CC - Color Changing | BK - BLACK BZ - BRONZE GH - GRAPHITE WT - WHITE |

DC-CD05-_-CC-__

Example: DC-CD05-S-CC-WT

CUBE

5" Ceiling Mount - Color Changing

DC-CD05

Fixture Type: _____

Project: _____

Catalog#: _____

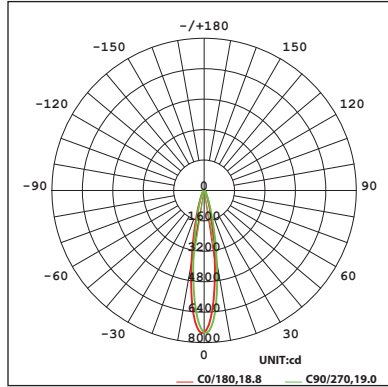
Location: _____

PERFORMANCE DATA

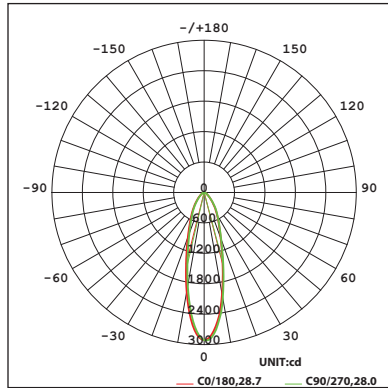
Polar Candela Distribution Charts

Samples shown at 3000K

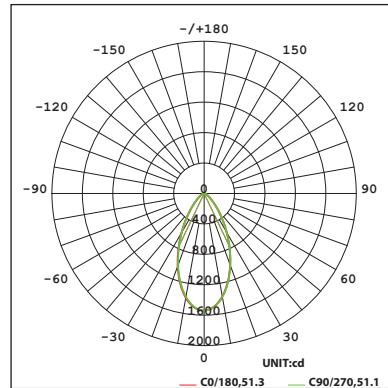
Spot Beam: 18° Beam



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 |