

CUBE

6" Ceiling Mount

DC-CD06 | DC-CD0622

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



LINE DRAWING



PRODUCT DESCRIPTION

The latest energy efficient LED technology in an appealing cubical 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

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 ¹ CBCP	Efficacy (Lm/W)	Light Direction
S Spot 16°	927	2700K	90	2820	18842	81
	827	2700K	85	3385	22608	97
	930	3000K	90	2925	19543	84
	830	3000K	85	3535	23632	101
	835	3500K	85	3630	24255	104
840	4000K	85	3665	24490	105	
N Narrow 28°	927	2700K	90	2800	7992	80
	827	2700K	85	3360	9589	96
	930	3000K	90	2900	8290	83
	830	3000K	85	3510	10024	100
	835	3500K	85	3600	10288	103
840	4000K	85	3635	10388	104	
F Flood 38°	927	2700K	90	2825	5451	81
	827	2700K	85	3390	6540	97
	930	3000K	90	2930	5654	84
	830	3000K	85	3545	6836	101
	835	3500K	85	3640	7017	104
840	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.



CUBE

6" Ceiling Mount

DC-CD06 | DC-CD0622

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

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

DC-CD06-____-__

Example: DC-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".

CUBE

6" Ceiling Mount

DC-CD06 | DC-CD0622

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°, 28°, and 38°) that are sold separately
<p>Electrical:</p> <ul style="list-style-type: none"> • Available in 22W and 35W 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 	

CUBE

6" Ceiling Mount

DC-CD06 | DC-CD0622

Fixture Type: _____

Project: _____

Catalog#: _____

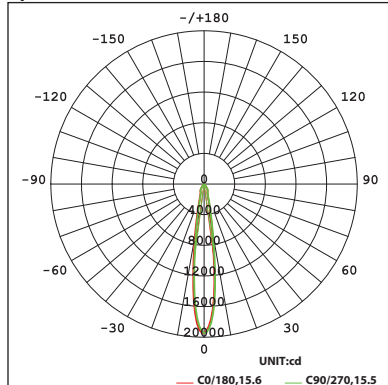
Location: _____

PERFORMANCE DATA

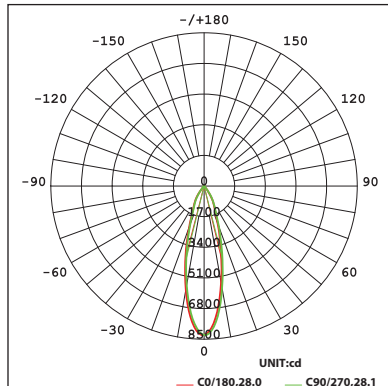
Polar Candela Distribution Charts

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

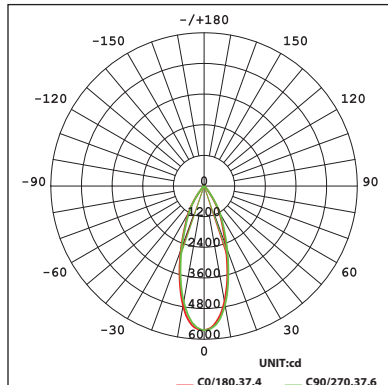
Spot Beam: 16° Beam



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