

Tube Architectural

6" Double Wall Mount

DS-WD06 | DS-WD0622

Fixture Type: _____

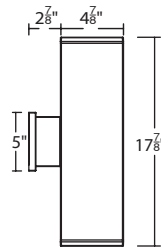
Project: _____

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:	Wall 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, S - Straight)
Maximum Delivered Output:	Up to 3720 lm (Flood 38°, 4000K, CRI 85, A/B/C)
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



S - 16°



N - 28°



F - 38°

FINISHES



Black
BK



Bronze
BZ



Graphite
GH



White
WT

Beam Angle	Color Temp	CRI	Reference Output (x2) ¹	Efficacy (Lm/W)	Light Direction		
S Spot 16°	927	2700K	90	2820	18842	S Straight	
	827	2700K	85	3385	22608		
	930	3000K	90	2925	19543		
	830	3000K	85	3535	23632		
	835	3500K	85	3630	24255		
N Narrow 28°	840	4000K	85	3665	24490	A Away	
	927	2700K	90	2800	7992		B Towards
	827	2700K	85	3360	9589		
	930	3000K	90	2900	8290		
	830	3000K	85	3510	10024		
F Flood 38°	835	3500K	85	3600	10288	C One each	
	840	4000K	85	3635	10388		
	927	2700K	90	2825	5451		
	827	2700K	85	3390	6540		
	930	3000K	90	2930	5654		
	830	3000K	85	3545	6836		
	835	3500K	85	3640	7017		
	840	4000K	85	3675	7085		

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 & Size	Beam	Color Temperature & CRI	Light Direction	Housing Finish
DS-WD06 (35W) DS-WD0622 (22W)	S - 16°	827 - 2700K - 85	S - Straight	BK - BLACK
	N - 28°	830 - 3000K - 85	A - Away	BZ - BRONZE
	F - 38°	835 - 3500K - 85	B - Towards	GH - GRAPHITE
		840 - 4000K - 85		
		927 - 2700K - 90		
		930 - 3000K - 90		
			WT - WHITE	

DS-WD06-_____ - ____

Example: DS-WD06-F927A-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", "B-Towards", and "C-One side each".

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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 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 	

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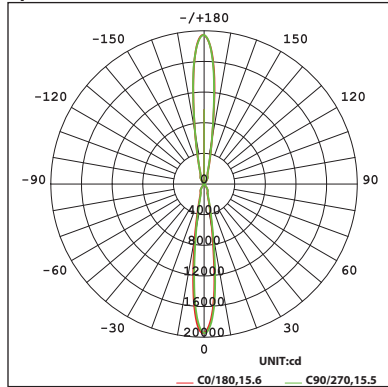
Location: _____

PERFORMANCE DATA

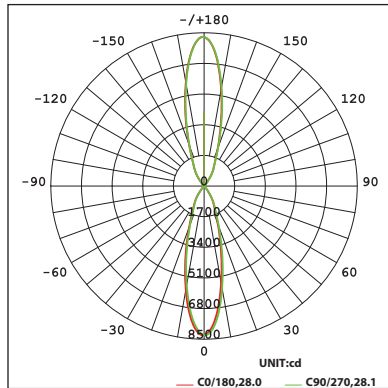
Polar Candela Distribution Charts

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

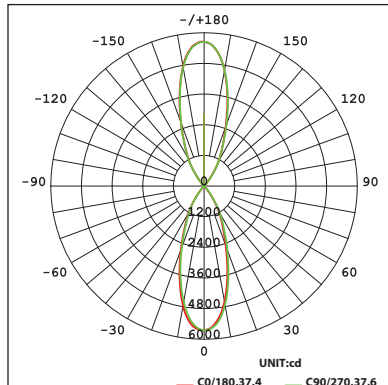
Spot Beam: 16° Beam



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	-0.6	0.1	0.2	0.9	1.8	-0.9	-0.3	-0.1	0.5	1.5	
3H	-0.4	0.2	0.5	1.0	2.1	-0.7	-0.1	0.2	0.7	1.8	
4H	-0.3	0.3	0.6	1.1	2.2	-0.5	0.0	0.4	0.9	2.0	
6H	-0.1	0.4	0.8	1.3	2.4	-0.4	0.2	0.6	1.0	2.1	
8H	-0.0	0.5	0.9	1.3	2.5	-0.3	0.2	0.6	1.0	2.2	
12H	0.0	0.5	1.0	1.4	2.6	-0.3	0.1	0.6	1.0	2.2	
4H	2H	-0.8	-0.3	0.1	0.6	1.7	-1.1	-0.6	-0.2	0.3	1.3
	3H	-0.5	-0.0	0.4	0.9	2.0	-0.7	-0.3	0.2	0.6	1.8
	4H	-0.2	0.2	0.7	1.1	2.3	-0.4	0.0	0.5	0.9	2.1
	6H	0.1	0.5	1.1	1.4	2.6	-0.1	0.3	0.9	1.2	2.4
	8H	0.2	0.6	1.2	1.5	2.8	-0.0	0.3	1.0	1.3	2.5
	12H	0.4	0.7	1.4	1.7	2.9	0.0	0.3	1.0	1.3	2.6
8H	4H	-0.2	0.1	0.7	1.1	2.3	-0.4	-0.1	0.6	0.9	2.1
	6H	0.2	0.5	1.2	1.5	2.8	0.1	0.3	1.1	1.3	2.6
	8H	0.5	0.7	1.5	1.7	3.0	0.3	0.5	1.3	1.5	2.8
	12H	0.8	1.0	1.8	2.0	3.3	0.4	0.6	1.5	1.6	3.0
12H	4H	-0.3	0.0	0.7	1.0	2.3	-0.5	-0.2	0.5	0.8	2.1
	6H	0.2	0.5	1.3	1.5	2.8	0.1	0.3	1.1	1.3	2.6
	8H	0.6	0.8	1.6	1.8	3.1	0.3	0.5	1.4	1.6	2.9

Beam	Angle	UGR Range
Spot	16°	≤3
Narrow Flood	28°	≤3
Flood	38°	≤4