

## Tube Architectural

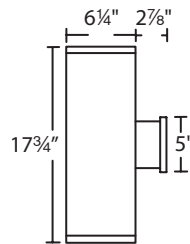
### 6" Ultra Narrow Double Wall Mount

DS-WD06-U

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 80,000 hours at L70

**Input:** Universal 120-277V AC 50/60 Hz

**Dimming:** Electronic low voltage (ELV) : 100 - 10%  
 0-10V: 100 - 20%

**Maximum Delivered Intensity:** Up to 1462x2 cd (Ultra Narrow 6°, 4000K, CRI 85)  
**Maximum Delivered Output:** Up to 155x2 lm (Ultra Narrow 6°, 4000K, CRI 85)  
**Operating Temperature:** -40°F to 104°F (-40°C to 40°C)

**Standards:** IP65 rated, ETL & cETL Wet location listed  
**Warranty:** 5 year WAC Lighting guaranteed warranty

#### BEAM ANGLES



#### FINISHES



Beam	Beam Angle	Color Temp	CRI	Reference Lumens	Output x2 <sup>1</sup> CBCP	Light Direction
U Ultra Narrow	6°	827	2700K	85	125	1182
		830	3000K	85	145	1363
		835	3500K	85	150	1411
		840	4000K	85	155	1462
						B Towards

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**ORDERING INFORMATION**

CONFIGURATION TABLE				
Model & Size	Beam	Light Direction	Color Temperature & CRI	Housing Finish
DS-WD06 (22W)	U - 6°	B - Towards	827 - 2700K - 85	BK - BLACK
			830 - 3000K - 85	BZ - BRONZE
			835 - 3500K - 85	GH - GRAPHITE
			840 - 4000K - 85	WT - WHITE

**DS-WD06-U** \_\_\_ - \_\_\_

Example: DS-WD05-U827-BK

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**FEATURES**

<p><b>Optics:</b></p> <ul style="list-style-type: none"> <li>• High lumen output at four 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 80,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 80,000 hours of use.)</li> </ul>	<p><b>Trim and Reflector:</b></p> <ul style="list-style-type: none"> <li>• Available in an ultra narrow (6°) beam angle only</li> </ul>
<p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Available in a 22W power level</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 - 10% range at 120V only</li> <li>• 0-10V dimming is capable of a 100 - 20% 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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### 6" Ultra Narrow Double Wall Mount

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

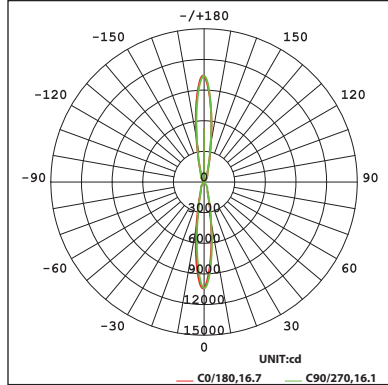
Location: \_\_\_\_\_

### PERFORMANCE DATA

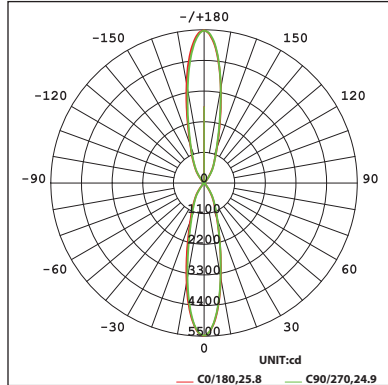
#### Polar Candela Distribution Charts

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

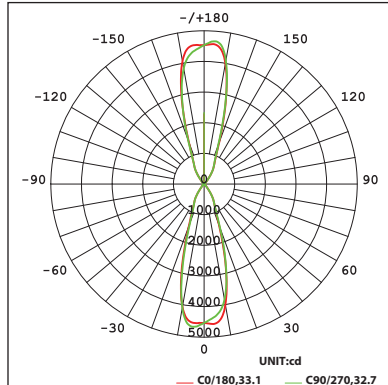
Spot Beam: 16° Beam



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. 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	1.3	1.4	2.1	3.1	0.3	1.0	1.1	1.8	2.8	
3H	1.2	1.8	2.1	2.6	3.7	0.8	1.4	1.7	2.3	3.3	
4H	1.7	2.3	2.6	3.1	4.2	1.3	1.9	2.2	2.7	3.8	
6H	2.4	2.9	3.3	3.8	4.9	1.9	2.5	2.9	3.4	4.5	
8H	2.8	3.3	3.7	4.2	5.3	2.3	2.8	3.2	3.7	4.9	
12H	3.3	3.8	4.3	4.7	5.9	2.8	3.3	3.7	4.2	5.3	
4H	2H	0.5	1.1	1.4	2.0	3.1	0.3	0.8	1.1	1.7	2.8
3H	1.4	1.9	2.4	2.8	4.0	1.1	1.6	2.0	2.5	3.6	
4H	2.2	2.6	3.1	3.5	4.7	1.8	2.3	2.8	3.2	4.4	
6H	3.1	3.5	4.1	4.4	5.7	2.7	3.1	3.7	4.1	5.3	
8H	3.7	4.0	4.7	5.0	6.2	3.3	3.6	4.3	4.6	5.8	
12H	4.4	4.7	5.4	5.7	6.9	3.9	4.2	4.9	5.2	6.5	
8H	4H	2.4	2.8	3.4	3.7	5.0	2.1	2.5	3.1	3.4	4.7
6H	3.7	4.0	4.7	4.9	6.2	3.4	3.7	4.4	4.6	5.9	
8H	4.4	4.7	5.4	5.7	7.0	4.1	4.4	5.1	5.4	6.7	
12H	5.3	5.5	6.3	6.5	7.9	5.0	5.2	6.0	6.2	7.5	
12H	4H	2.5	2.8	3.5	3.8	5.0	2.2	2.5	3.2	3.5	4.7
6H	3.8	4.1	4.8	5.1	6.4	3.5	3.8	4.6	4.8	6.1	
8H	4.7	4.9	5.7	5.9	7.2	4.4	4.6	5.4	5.7	7.0	

Beam	Angle	UGR Range
Spot	16°	≤ 8
Narrow Flood	25°	≤ 9
Flood	33°	≤ 8