

Tube Architectural

8" Wall Mount

DS-WS08 | DS-WS0834

Fixture Type: _____

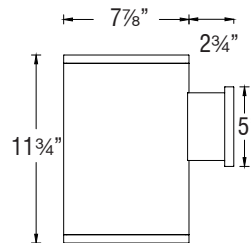
Project: _____

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 20,195cd (Spot 18°, 4000K, CRI 85)
Maximum Delivered Output:	Up to 4,240 lm (Narrow 25°, 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 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



S - 18°



N - 25°



F - 35°

FINISHES



Black
BK



Bronze
BZ



Graphite
GH



White
WT

Beam Angle	Color Temp	CRI	Reference Output ¹ Lumens	Efficiency CBCP	Efficacy (Lm/W)	Light Direction	
S Spot 18°	927S	2700K	90	3,080	15,187	67	
	27S	2700K	85	3,865	19,064	84	
	930S	3000K	90	3,275	16,156	71	
	30S	3000K	85	3,935	19,387	86	
	35S	3500K	85	4,030	19,872	88	
40S	4000K	85	4,095	20,195	89	S Straight 	
N Narrow 25°	927S	2700K	90	3,185	10,536		68
	27S	2700K	85	4,000	13,226		87
	930S	3000K	90	3,390	11,208		74
	30S	3000K	85	4,070	13,450		88
	35S	3500K	85	4,170	13,786	91	
40S	4000K	85	4,240	14,010	92	A Away 	
F Flood 35°	927S	2700K	90	3,015	5,475		66
	27S	2700K	85	3,785	7,211		82
	930S	3000K	90	3,210	6,111		70
	30S	3000K	85	3,850	7,334		84
	35S	3500K	85	3,945	7,517	86	
40S	4000K	85	4,010	7,639	87	B Towards 	

Reference output shows 46W output aimed straight up or down.
Multiply by 0.8 to determine output for 34W combinations.

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ORDERING INFORMATION

CONFIGURATION TABLE				
Model & Size	Beam	Color Temperature & CRI	Light Direction	Housing Finish
DS-WS08 (46W)	S - 18°	27 - 2700K - 85	S - Straight	BK - BLACK
DS-WS0834 (34W)	N - 25°	30 - 3000K - 85	A - Away	BZ - BRONZE
	F - 35°	35 - 3500K - 85	B - Towards	GH - GRAPHITE
		40 - 4000K - 85		WT - WHITE
		927 - 2700K - 90		
		930 - 3000K - 90		

DS-WS08-_____ - ____

Example: DS-WS08-N927S-BK

ORDERING NOTES

- 18° and 25° can only be ordered with the Light Direction "S-Straight".
- 35° beam fixtures can be ordered with the Light Directions "S-Straight", "A-Away", and "B-Towards".

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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 (18°, 25°, and 35°) that are sold separately
<p>Electrical:</p> <ul style="list-style-type: none"> • Available in 34W and 46W 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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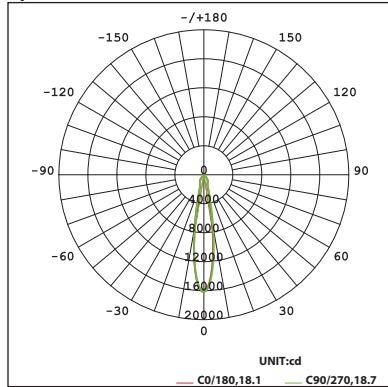
Location: _____

PERFORMANCE DATA

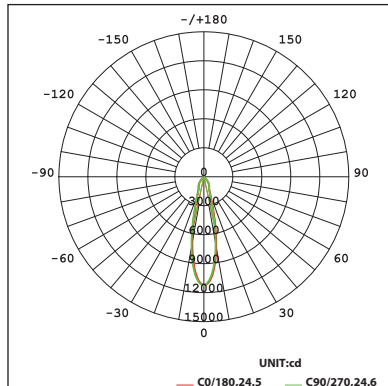
Polar Candela Distribution Charts

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

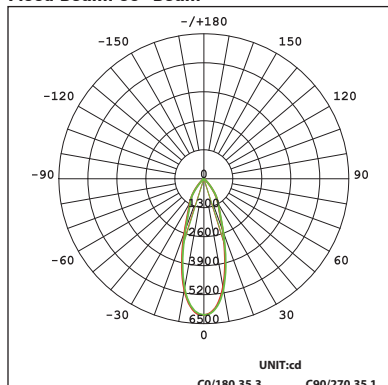
Spot Beam: 18° Beam



Narrow Flood Beam: 25° Beam



Flood Beam: 35° Beam



Unified Glare Rating (UGR) Table

UGR values shown are calculated for the Spot Beam (18°) 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	7.3	8.1	7.5	8.3	8.4	7.2	8.0	7.4	8.2	8.3	
3H	7.4	8.1	7.6	8.3	8.5	7.2	8.0	7.5	8.2	8.4	
4H	7.4	8.1	7.6	8.3	8.5	7.2	7.9	7.5	8.2	8.4	
6H	7.4	8.0	7.7	8.3	8.5	7.2	7.9	7.5	8.1	8.4	
8H	7.4	8.0	7.7	8.3	8.5	7.2	7.9	7.5	8.1	8.4	
12H	7.3	7.9	7.6	8.2	8.5	7.2	7.8	7.5	8.1	8.3	
4H	2H	7.2	7.9	7.4	8.1	8.3	7.1	7.8	7.3	8.0	8.2
	3H	7.3	7.9	7.6	8.2	8.4	7.1	7.8	7.5	8.0	8.3
	4H	7.3	7.9	7.7	8.2	8.5	7.2	7.8	7.5	8.1	8.4
	6H	7.4	7.9	7.7	8.2	8.5	7.2	7.7	7.6	8.1	8.4
	8H	7.4	7.8	7.8	8.2	8.5	7.2	7.7	7.6	8.0	8.4
	12H	7.3	7.8	7.7	8.1	8.5	7.2	7.6	7.6	8.0	8.4
8H	4H	7.3	7.7	7.7	8.1	8.4	7.1	7.6	7.5	7.9	8.3
	6H	7.3	7.7	7.8	8.1	8.5	7.2	7.6	7.6	8.0	8.4
	8H	7.4	7.7	7.8	8.1	8.6	7.2	7.5	7.6	8.0	8.4
	12H	7.3	7.6	7.8	8.1	8.5	7.2	7.5	7.6	7.9	8.4
12H	4H	7.2	7.6	7.6	8.0	8.4	7.1	7.5	7.5	7.9	8.3
	6H	7.3	7.6	7.7	8.1	8.5	7.2	7.5	7.6	7.9	8.4
	8H	7.3	7.6	7.8	8.1	8.5	7.2	7.5	7.6	7.9	8.4

Beam	Angle	UGR Range
Spot	18°	≤ 9
Narrow Flood	25°	≤ 9
Flood	35°	≤ 9