

AETHER

2" - Downlight

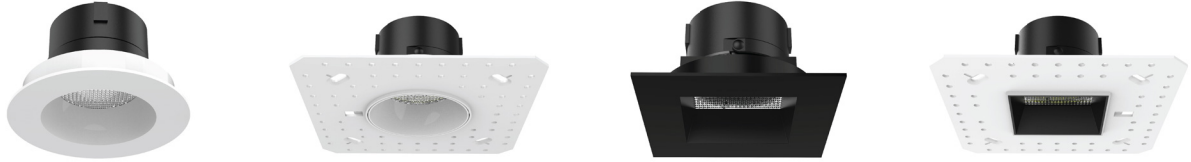
R2ARDT | R2ARDL | R2ASDT | R2ASDL

Fixture Type: _____

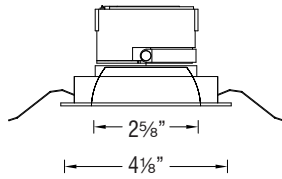
Project: _____

Catalog#: _____

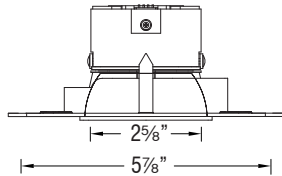
Location: _____



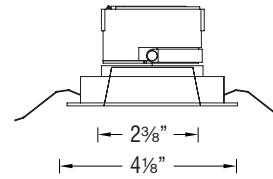
LINE DRAWING



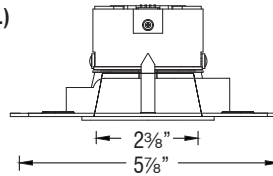
Round Trim (R2ARDT)



Round Trimless (R2ARDL)



Square Trim (R2ASDT)



Square Trimless (R2ASDL)

PRODUCT DESCRIPTION

The Aether 2" is compatible with shallow housings that are designed to fit in tight plenum spaces without sacrificing lumen output.

SPECIFICATIONS

Construction: Die-cast aluminum trim with die-cast aluminum heat sink

Mounting: Heavy gauge retention clips support trim firmly
Ceiling cut out (Round): Trim \varnothing 3 3/4" \bigcirc
Trimless \varnothing 4 1/8" \bigcirc

Ceiling cut out (Square): Trim 3 3/4" x 3 3/4" \square
Trimless 4 1/8" x 4 1/8" \square

Remodel ceiling cutout: 3 3/4" \bigcirc , 3 3/4" x 3 3/4" \square
Accommodates 1/2" - 1" ceiling thickness

Light Source: High output 3-step Mac Adam Ellipse COB
Rated life of 50,000 hours at L70

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

Dimming: ELV, TRIAC, and 0-10V: 100 - 5%

Maximum Delivered Intensity: Up to 8,807 cd (Round Spot 15°, 4000K, 85 CRI)

Maximum Delivered Output: Up to 1,397 lm (Square Narrow Flood 26/Square Flood 40°, 4000K, 85 CRI)

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

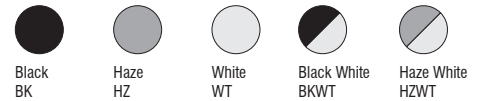
Standards: ETL & cETL Wet location listed, Title 24 JA8 Compliant

Warranty: 5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Lumens	CBCP	Color Temp	Finish
		Ref Output*			
R2ARDT Round Trim	S 17° Round Square	1065	5185	827 - 2700K - 85	Black
		1065	5185		
R2ARDL Round Trimless	N 24° Round Square	1065	3335	830 - 3000K - 85	Haze
R2ASDT Square Trim		1065	3335	835 - 3500K - 85	White
R2ASDL Square Trimless	F 40° Round Square	1045	1835	840 - 4000K - 85	Black/White
		1045	1835	927 - 2700K - 90	Haze/White
	W 50° Round Square	985	1200	930 - 3000K - 90	
		985	1200		

Lumens and CBCP are reference values for fixtures set to 3000K Color Temperature and 90 CRI. Refer to Multiplier Table in Performance Data to determine other outputs.

wacarchitectural.com | WAC Architectural, a WAC Group brand.

WAC Group Headquarters
44 Harbor Park Drive
Port Washington, NY 11050

WAC Architectural
Phone (800) 526.2588
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WAC GROUP

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R2ARDT | R2ARDL | R2ASDT | R2ASDL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam	Color Temperature & CRI	Reflector Finish
R2ARDT	S - 17°	827 - 2700K - 85	BK - BLACK
R2ARDL	N - 24°	830 - 3000K - 85	HZ - HAZE
R2ASDT	F - 40°	835 - 3500K - 85	WT - WHITE
R2ASDL	W - 50°	840 - 4000K - 85	BKWT - BLACK/WHITE
		927 - 2700K - 90	HZWT - HAZE/WHITE
		930 - 3000K - 90	

R2A ___ - ___ - _____

Example: R2ARAT-S930-BKWT

HOUSINGS		
	Model	Power
IC-Rated, Airtight Round Trim	HR-2LED-H13A	15W
IC-Rated, Airtight New Construction Chicago Plenum	HR-2LED-H13AC	15W
IC-Rated, Airtight Remodel	HR-2LED-R10A	9W
Non-IC Rated, Airtight Remodel	HR-2LED-R15A	15W

HR-2LED-_____

Example: HR-2LED-H13A

ORDERING NOTES

- Only trimmed fixtures cannot be ordered with a finish that includes a trim finish (BKWT, HZWT).

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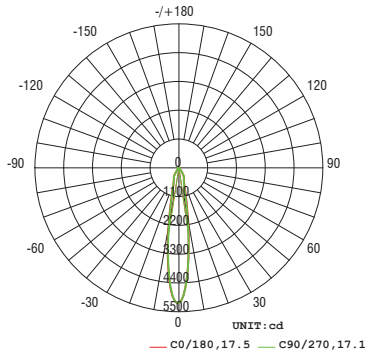
PERFORMANCE DATA

Polar Candela Distribution Charts

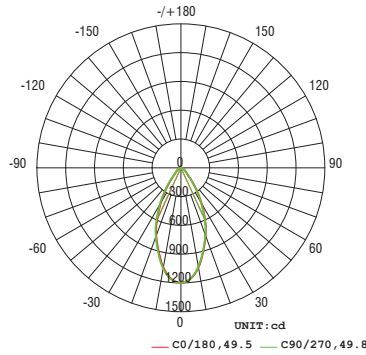
Samples shown from a 15W fixture set to 3000K and 90 CRI.

ROUND

Spot Beam: 17° Beam

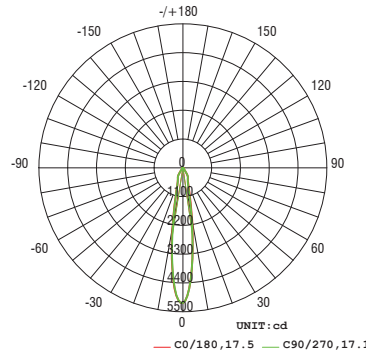


Wide Flood Beam: 50° Beam

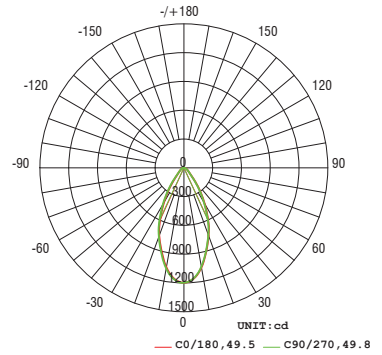


SQUARE

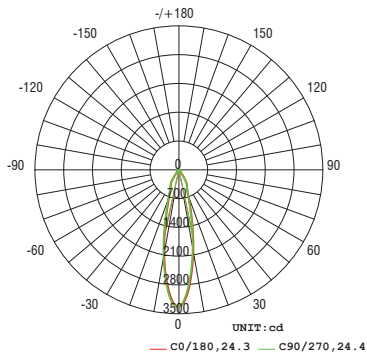
Spot Beam: 17° Beam



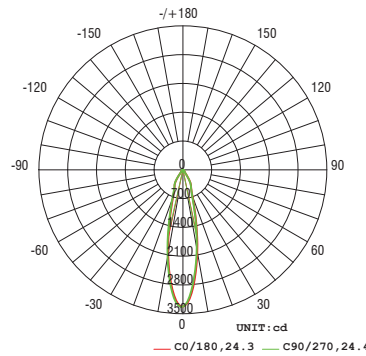
Wide Flood Beam: 50° Beam



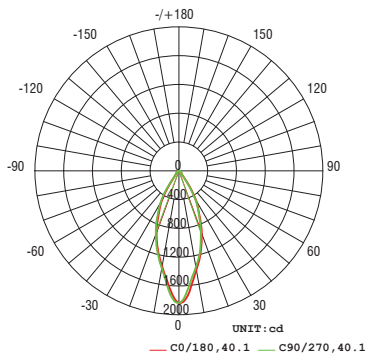
Narrow Flood Beam: 24° Beam



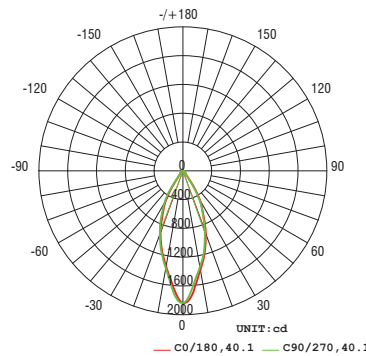
Narrow Flood Beam: 24° Beam



Flood Beam: 40° Beam



Flood Beam: 40° Beam



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Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated at 3000K and 90 CRI.

Round Fixture	Angle	UGR Range
Spot	17°	≤11
Narrow Flood	24°	≤12
Flood	40°	≤12
Wide Flood	50°	≤14

Square Fixture	Angle	UGR Range
Spot	17°	≤11
Narrow Flood	24°	≤12
Flood	40°	≤12
Wide Flood	50°	≤14

Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

Color Temperature and CRI					
827	830	835	840	927	930
1.16	1.23	1.26	1.27	0.96	1.00