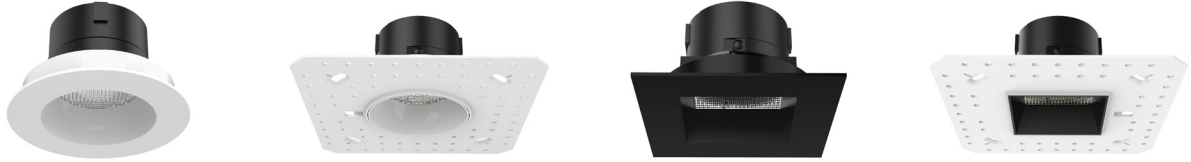


AETHER

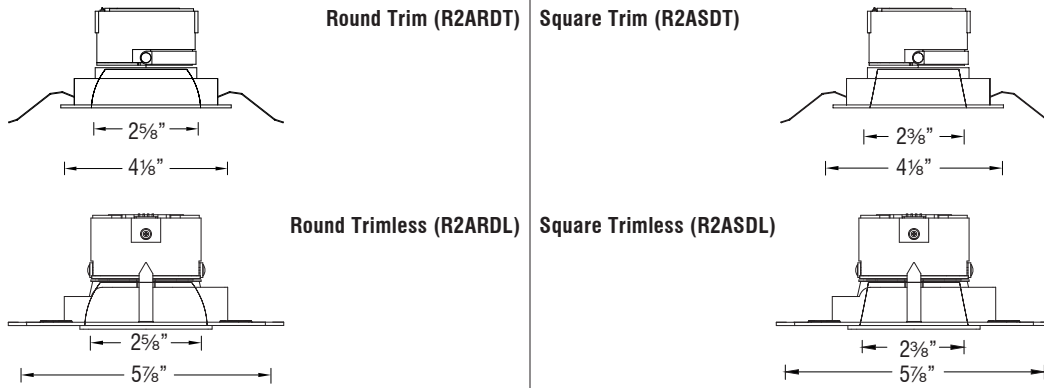
2" - Downlight

R2ARDT | R2ARDL | R2ASDT | R2ASDL

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



LINE DRAWING



PRODUCT DESCRIPTION

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

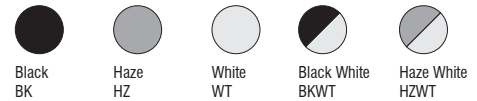
SPECIFICATIONS

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:	UL & cUL Wet location listed, Title 24 JA8 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Lumens	CBCP Ref Output*	Color Temp	Finish
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
		1065	3335		
R2ASDT Square Trim	F 40° Round Square	1045	1835	840 - 4000K - 85	White
R2ASDL Square Trimless		1045	1835		
	W 50° Round Square	985	1200	927 - 2700K - 90	Black/White
		985	1200		
				930 - 3000K - 90	Haze/White

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

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WAC GROUP

AETHER
2" - Downlight

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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WAC GROUP

AETHER

2" - Downlight

R2ARDT | R2ARDL | R2ASDT | R2ASDL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

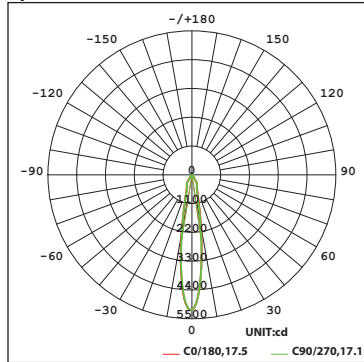
PERFORMANCE DATA

Polar Candela Distribution Charts

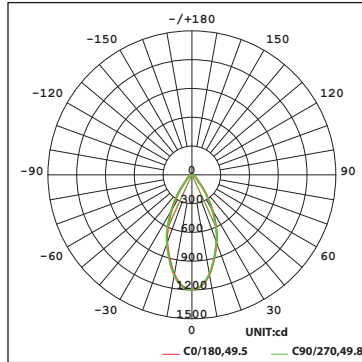
Samples shown from a 15W fixture set to 3000K and 90 CRI.

ROUND

Spot Beam: 17° Beam

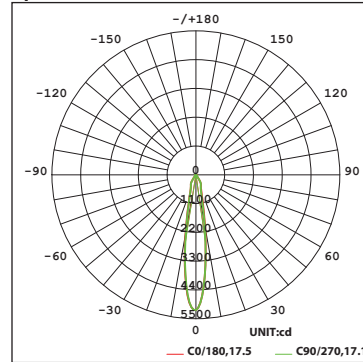


Wide Flood Beam: 50° Beam

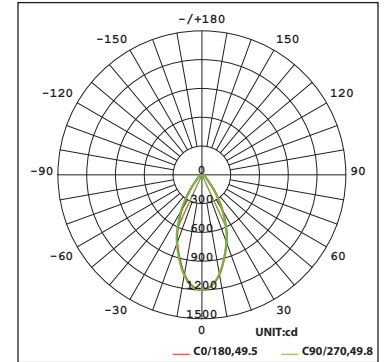


SQUARE

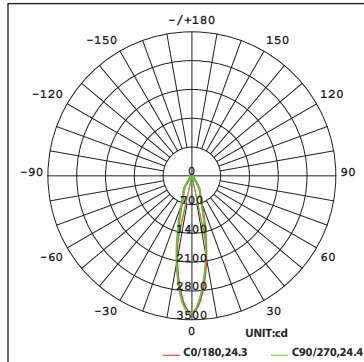
Spot Beam: 17° Beam



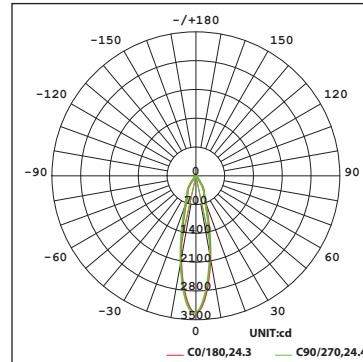
Wide Flood Beam: 50° Beam



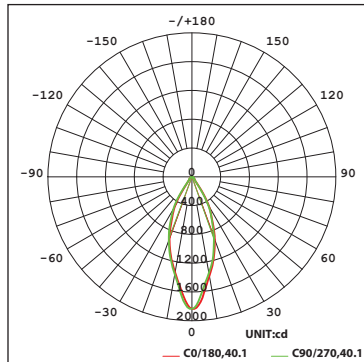
Narrow Flood Beam: 24° Beam



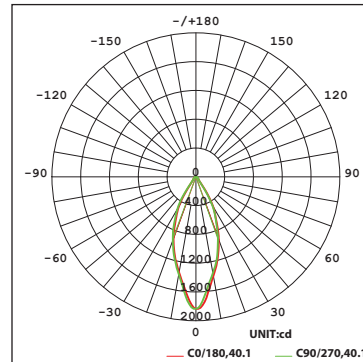
Narrow Flood Beam: 24° Beam



Flood Beam: 40° Beam



Flood Beam: 40° Beam



AETHER
2" - Downlight

R2ARDT | R2ARDL | R2ASDT | R2ASDL

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

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated for a Round Trim fixture with a Spot Beam (17°) 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	7.6	8.4	7.8	8.5	8.7	7.3	8.2	7.5	8.3	8.5	
3H	8.3	9.1	8.5	9.3	9.5	8.1	8.9	8.3	9.1	9.3	
4H	8.6	9.3	8.8	9.5	9.7	8.4	9.2	8.7	9.4	9.6	
6H	8.8	9.5	9.1	9.7	9.9	8.7	9.4	9.0	9.6	9.9	
8H	8.8	9.5	9.1	9.7	10.0	8.8	9.4	9.1	9.7	9.9	
12H	8.8	9.5	9.1	9.7	10.0	8.8	9.5	9.1	9.7	10.0	
4H	2H	7.8	8.5	8.0	8.7	8.9	7.6	8.3	7.8	8.5	8.7
3H	8.7	9.4	9.0	9.6	9.9	8.5	9.2	8.9	9.5	9.7	
4H	9.1	9.7	9.4	10.0	10.3	9.0	9.6	9.3	9.9	10.2	
6H	9.4	9.9	9.8	10.2	10.6	9.4	9.9	9.7	10.2	10.6	
8H	9.5	10.0	9.9	10.3	10.7	9.5	10.0	9.9	10.3	10.7	
12H	9.5	10.0	9.9	10.3	10.7	9.6	10.0	10.0	10.4	10.8	
8H	4H	9.2	9.7	9.6	10.1	10.4	9.1	9.6	9.5	10.0	10.3
6H	9.6	10.0	10.0	10.4	10.8	9.6	10.0	10.0	10.4	10.8	
8H	9.7	10.1	10.2	10.5	11.0	9.8	10.1	10.2	10.5	11.0	
12H	9.8	10.1	10.3	10.6	11.0	9.9	10.2	10.4	10.6	11.1	
12H	4H	9.2	9.6	9.6	10.0	10.4	9.1	9.6	9.5	9.9	10.3
6H	9.6	10.0	10.1	10.4	10.8	9.6	10.0	10.0	10.4	10.8	
8H	9.8	10.1	10.2	10.5	11.0	9.8	10.1	10.3	10.6	11.0	

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