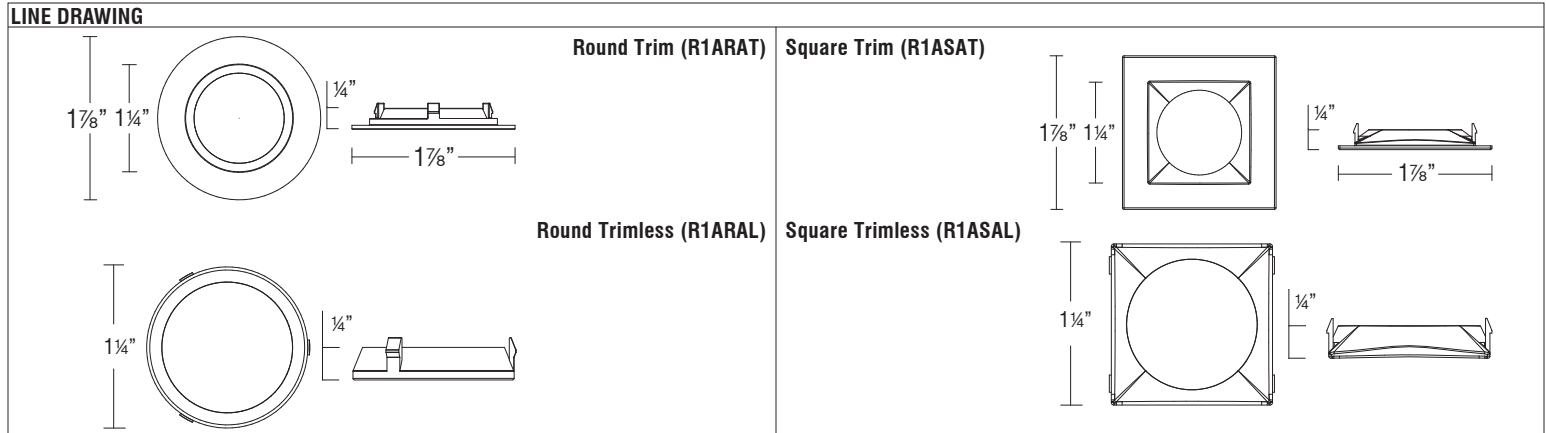


AETHER

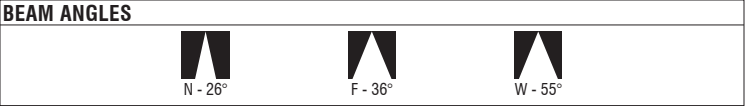
Atomic - Adjustable

R1ARAT | R1ARAL | R1ASAT | R1ASAL

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



PRODUCT DESCRIPTION
 Minuscule and mighty, peerless and powerful, the new potent Aether Atomic launches into the light. An engineering recessed marvel for next generation futurists. Sublime and serviceable, it's an icon for the ages. Atomic breaks the mold with robust illumination from a diminutive aperture, for a clean, quiet ceiling.



SPECIFICATIONS

Construction: Injection molded polycarbonate low glare trim

Mounting: Heavy gauge retention clips support trim firmly
 Ceiling cut out (Round): Trim \varnothing 1 ⁷/₈" \bigcirc
 Trimless \varnothing 1 ¹/₄" \bigcirc
 Ceiling cut out (Square): Trim 1 ⁵/₈" x 1 ⁵/₈" \square
 Trimless 1 ¹/₄" x 1 ¹/₄" \square
 Accommodates 1/2" - 2" 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 - 1%

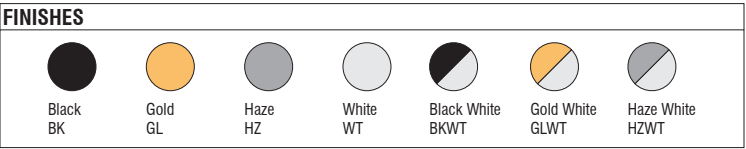
Maximum Delivered Intensity: Up to 3,506 cd (Round Narrow Flood 32°, 4000K)

Maximum Delivered Output: Up to 1,106 lm (Square Flood 36°, 4000K)

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

Standards: ETL & cETL Damp location listed, IC rated Airtight, Title 24 JA8 Compliant

Warranty: 5 year WAC Lighting guaranteed warranty



Model	Beam	Lumens Ref Output*	CBCP	Color Temp	CRI
R1ARAT Round Trim	N 26° Round	955	3075	927 - 2700K 930 - 3000K 935 - 3500K 940 - 4000K	90
R1ARAL Round Trimless	26° Square	920	2955		
R1ASAT Square Trim	F 36° Round	940	2490		
R1ASAL Square Trimless	36° Square	970	2550		
	W 55° Round	800	815		
	55° Square	795	805		

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



AETHER

Atomic - Adjustable

R1ARAT | R1ARAL | R1ASAT | R1ASAL

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

ORDERING INFORMATION

CONFIGURATION TABLE		
Model & Power	Finishes	
Trim R1ARAT R1ASAT	BKWT - BLACK	
	GLWT - GOLD	
	HZWT - HAZE	
	WT - WHITE	
Trimless R1ARAL R1ASAL	BK - BLACK	
	GL - GOLD	
	HZ - HAZE	
	WT - WHITE	

R1A ____ - ____
 Example: R1ARAT-BKWT
 R1ARAL-BK

HOUSINGS (Required)			
Model	Power	Color Temperature & CRI	
IC-Rated, Airtight Round Trim R1ARNT	11W	927 - 2700K - 90	
		930 - 3000K - 90	
		935 - 3500K - 90	
		940 - 4000K - 90	
IC-Rated, Airtight Square Trim R1ASNT	11W	927 - 2700K - 90	
		930 - 3000K - 90	
		935 - 3500K - 90	
		940 - 4000K - 90	
IC-Rated, Airtight Round Trimless R1ARRL	11W	927 - 2700K - 90	
		930 - 3000K - 90	
		935 - 3500K - 90	
		940 - 4000K - 90	
IC-Rated, Airtight Square Trimless R1ASRL	11W	927 - 2700K - 90	
		930 - 3000K - 90	
		935 - 3500K - 90	
		940 - 4000K - 90	

POWER SUPPLIES (Required)		
Model	Input	Output
PS-0600A-UR1	120V-277V	1 Channel UL Class 2
PS-0600A-UR6	120V-277V	6 Channels UL Class 2

PS-0600A-UR_
 Example: PS-0600A-UR1

Accessories	
Model	Description
R1A-TOOL	Service tool for removing trim and light engine. Required for Adjustable fixtures and housings.

R1A ____ - ____
 Example: R1ARRL-927

ORDERING NOTES

- All three reflector options (N-26°, F-36°, and W-55°) are included.

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

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

WAC Lighting
 Phone (800) 526.2588
 Fax (800) 526.2585

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WAC GROUP

AETHER

Atomic - Adjustable

R1ARAT | R1ARAL | R1ASAT | R1ASAL

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

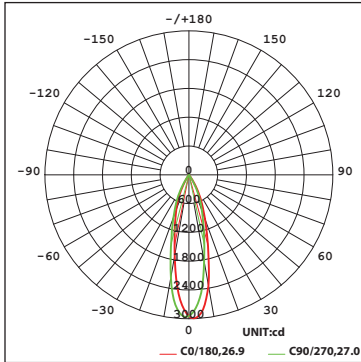
PERFORMANCE DATA

Polar Candela Distribution Charts

Samples shown with a 11W fixture with a Black finished reflector set to 3000K.

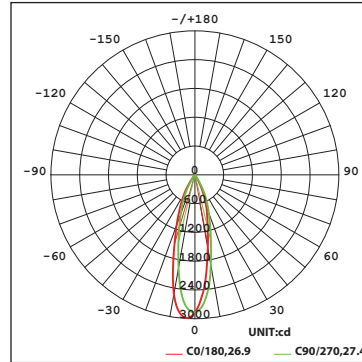
ROUND

Narrow Flood Beam: 26° Beam

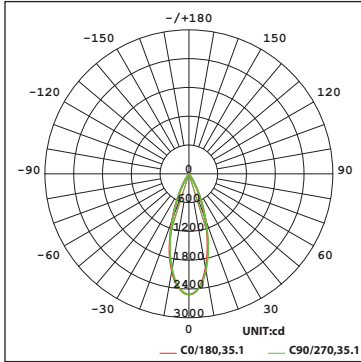


SQUARE

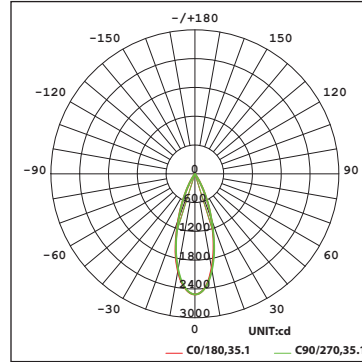
Narrow Flood Beam: 26° Beam



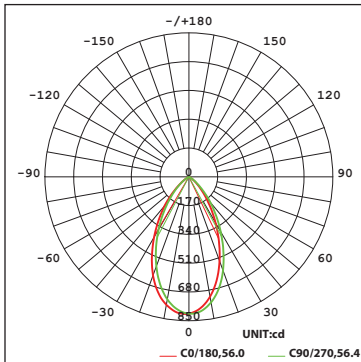
Flood Beam: 36° Beam



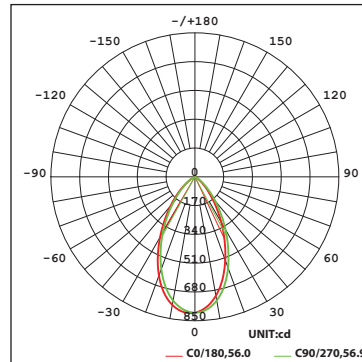
Flood Beam: 36° Beam



Wide Flood Beam: 55° Beam



Wide Flood Beam: 55° Beam



AETHER

Atomic - Adjustable

R1ARAT | R1ARAL | R1ASAT | R1ASAL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated for a Round Trim fixture with a Narrow Flood Beam (26°) 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	7.5	8.2	7.7	8.4	8.5	10.8	11.5	11.0	11.6	11.8	
3H	7.3	8.0	7.6	8.2	8.4	10.6	11.3	10.9	11.5	11.7	
4H	7.2	7.9	7.5	8.1	8.3	10.5	11.2	10.8	11.4	11.6	
6H	7.2	7.8	7.4	8.0	8.2	10.4	11.0	10.7	11.3	11.5	
8H	7.1	7.7	7.4	7.9	8.2	10.4	11.0	10.7	11.2	11.5	
12H	7.1	7.6	7.4	7.9	8.2	10.4	10.9	10.7	11.2	11.4	
4H	2H	7.3	7.9	7.5	8.1	8.3	10.5	11.2	10.8	11.4	11.6
	3H	7.1	7.7	7.4	7.9	8.2	10.4	10.9	10.7	11.2	11.5
	4H	7.0	7.5	7.3	7.8	8.1	10.3	10.8	10.6	11.1	11.4
	6H	6.9	7.3	7.3	7.7	8.0	10.2	10.6	10.5	10.9	11.3
	8H	6.8	7.3	7.2	7.6	8.0	10.1	10.5	10.5	10.9	11.2
	12H	6.8	7.2	7.2	7.5	7.9	10.1	10.4	10.5	10.8	11.2
8H	4H	6.8	7.3	7.2	7.6	8.0	10.1	10.5	10.5	10.9	11.2
	6H	6.7	7.1	7.2	7.5	7.9	10.0	10.3	10.4	10.7	11.2
	8H	6.7	7.0	7.1	7.4	7.8	9.9	10.2	10.4	10.7	11.1
	12H	6.6	6.9	7.1	7.3	7.8	9.9	10.1	10.3	10.6	11.1
12H	4H	6.8	7.2	7.2	7.5	7.9	10.1	10.4	10.5	10.8	11.2
	6H	6.7	7.0	7.1	7.4	7.8	9.9	10.2	10.4	10.7	11.1
	8H	6.6	6.9	7.1	7.3	7.8	9.9	10.1	10.3	10.6	11.1

Round Fixture	Angle	UGR Range
Narrow Flood	26°	≤12
Flood	36°	≤9
Wide Flood	55°	≤23t

Square Fixture	Angle	UGR Range
Narrow Flood	26°	≤15
Flood	36°	≤9
Wide Flood	55°	≤24

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			
2700K	3000K	3500K	4000K
0.93	1.00	1.07	1.14