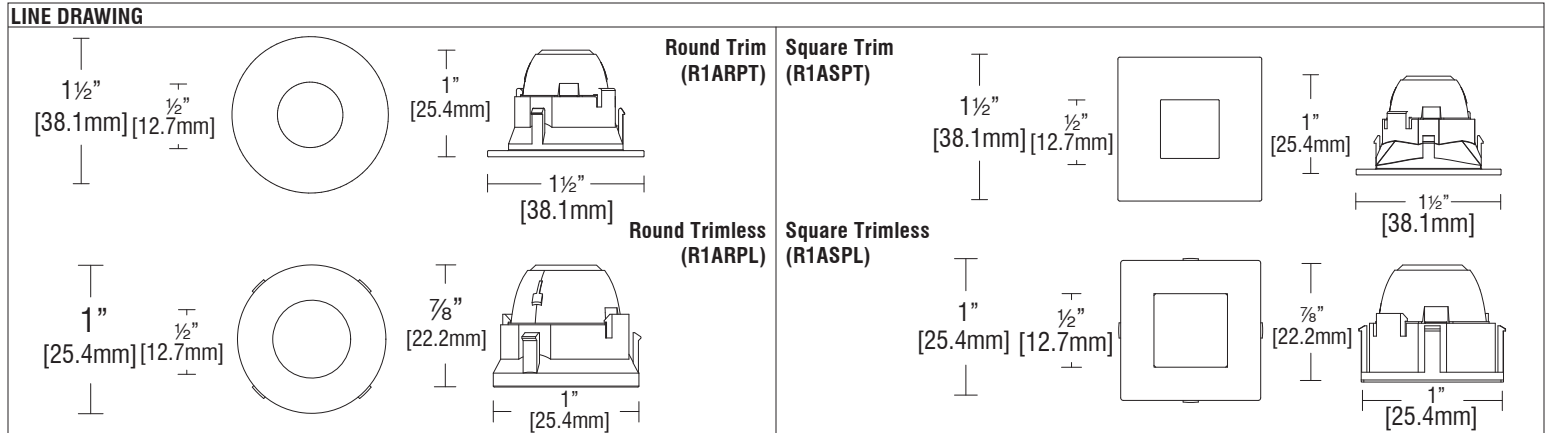


## AETHER

### Atomic - Pinhole

R1ARPT | R1ARPL | R1ASPT | R1ASPL

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 1/4"  $\circ$   
 Trimless  $\varnothing$  1 1/4"  $\circ$   
 Ceiling cut out (Square): Trim 1 1/4" x 1 1/4"  $\square$   
 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%

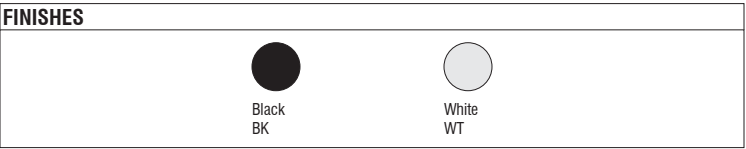
**Maximum Delivered Intensity:** Up to 2,712 cd (Round Flood 36°, 4000K)

**Maximum Delivered Output:** Up to 1,249 lm (Square Narrow Flood 30°, 18W, 4000K, CRI 90)

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

**Standards:** ETL & cETL Wet 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
R1ARPT Round Trim	N 26°	Round 460	1845	927 - 2700K	90
R1ARPL Round Trimless		Square 550	2375	930 - 3000K	
R1ASPT Square Trim	F 32°	Round 500	1600	935 - 3500K	
R1ASPL Square Trimless		Square 585	1965	940 - 4000K	

Lumens and CBCP are reference values for fixtures set to 3000K Color Temperature. 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 Lighting  
 Phone (800) 526.2588  
 Fax (800) 526.2585



WAC Group retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

# AETHER

## Atomic - Pinhole

R1ARPT | R1ARPL | R1ASPT | R1ASPL

Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### ORDERING INFORMATION

CONFIGURATION TABLE	
Model & Power	Finishes
R1ARPT	BK - BLACK
R1ASPT	WT - WHITE
R1ARPL	
R1ASPL	

R1A\_\_ - \_\_

Example: R1ARPT-BKWT

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

R1A\_\_ - \_\_

Example: R1ARRL-927

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

### ORDERING NOTES

- Both reflector options (N-26° and F-32°) are included.

# AETHER

## Atomic - Pinhole

R1ARPT | R1ARPL | R1ASPT | R1ASPL

Fixture Type: \_\_\_\_\_

Project: \_\_\_\_\_

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

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

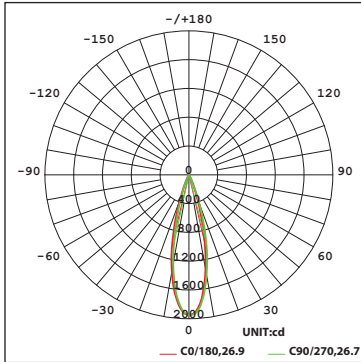
### PERFORMANCE DATA

#### Polar Candela Distribution Charts

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

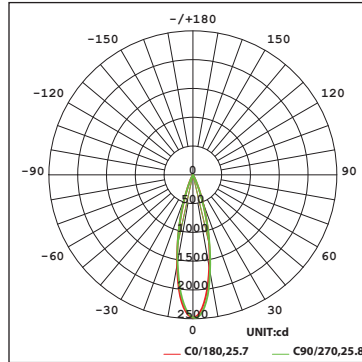
#### ROUND

Narrow Flood Beam: 26° Beam

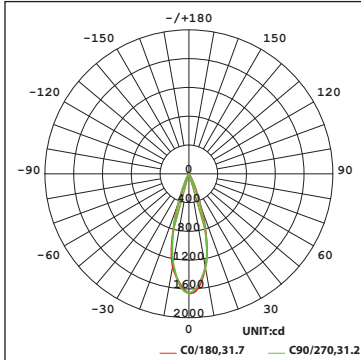


#### SQUARE

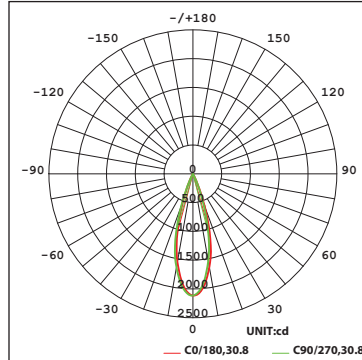
Narrow Flood Beam: 26° Beam



Flood Beam: 32° Beam



Flood Beam: 32° Beam



# AETHER

## Atomic - Pinhole

R1ARPT | R1ARPL | R1ASPT | R1ASPL

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	-11.6	-10.9	-11.4	-10.8	-10.6	-12.5	-11.8	-12.3	-11.7	-11.5	
3H	-11.7	-11.1	-11.4	-10.9	-10.7	-12.6	-12.0	-12.3	-11.8	-11.6	
4H	-11.7	-11.2	-11.5	-11.0	-10.8	-12.6	-12.1	-12.4	-11.9	-11.7	
6H	-11.7	-11.2	-11.5	-11.0	-10.7	-12.7	-12.2	-12.4	-11.9	-11.7	
8H	-11.7	-11.2	-11.4	-11.0	-10.7	-12.7	-12.2	-12.4	-12.0	-11.7	
12H	-11.6	-11.1	-11.3	-10.8	-10.6	-12.7	-12.2	-12.4	-11.9	-11.7	
4H	2H	-11.8	-11.2	-11.5	-11.0	-10.8	-12.7	-12.1	-12.4	-11.9	-11.7
	3H	-11.9	-11.4	-11.6	-11.1	-10.9	-12.8	-12.3	-12.5	-12.0	-11.8
	4H	-11.9	-11.5	-11.6	-11.2	-10.9	-12.8	-12.4	-12.5	-12.1	-11.8
	6H	-11.9	-11.5	-11.5	-11.2	-10.8	-12.9	-12.5	-12.5	-12.2	-11.8
	8H	-11.8	-11.4	-11.4	-11.1	-10.7	-12.9	-12.5	-12.5	-12.2	-11.8
	12H	-11.6	-11.2	-11.2	-10.8	-10.5	-12.8	-12.5	-12.4	-12.1	-11.7
8H	4H	-12.1	-11.7	-11.7	-11.4	-11.0	-13.0	-12.6	-12.6	-12.2	-11.9
	6H	-12.0	-11.7	-11.6	-11.3	-10.9	-13.0	-12.7	-12.6	-12.3	-11.9
	8H	-11.8	-11.5	-11.3	-11.1	-10.7	-13.0	-12.7	-12.6	-12.3	-11.9
	12H	-11.3	-11.0	-10.8	-10.6	-10.1	-12.8	-12.6	-12.3	-12.1	-11.7
12H	4H	-12.1	-11.8	-11.7	-11.4	-11.0	-13.0	-12.7	-12.6	-12.3	-11.9
	6H	-12.0	-11.8	-11.6	-11.3	-10.9	-13.0	-12.8	-12.6	-12.3	-11.9
	8H	-11.8	-11.6	-11.3	-11.1	-10.7	-13.0	-12.8	-12.6	-12.4	-11.9

Round Fixture	Angle	UGR Range
Narrow Flood	26°	≤0
Flood	36°	≤0

Square Fixture	Angle	UGR Range
Narrow Flood	26°	≤0
Flood	36°	≤0

#### 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