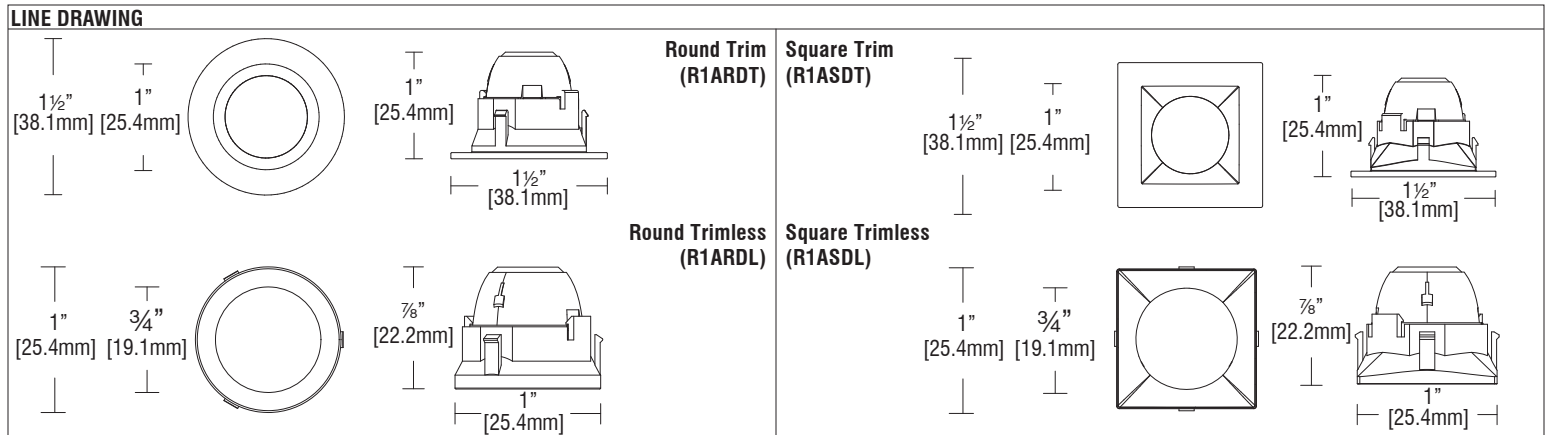


AETHER

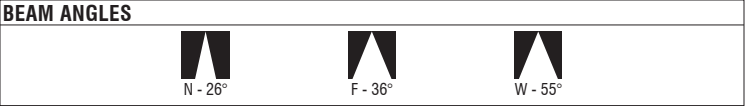
Atomic - Downlight

R1ARDT | R1ARDL | R1ASDT | R1ASDL

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



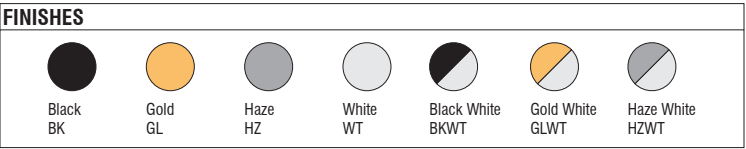
PRODUCT DESCRIPTION
 Minuscule and mighty, peerless and powerful, the new potent Aether Atomic launches into the light. An engineering recessed marvel for next generation futurists. Sublime and serviceable, it's an icon for the ages. Atomic breaks the mold with robust illumination from a diminutive aperture, 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" \bigcirc
 Trimless \varnothing 1 1/4" \bigcirc
 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 3,374 cd (Round Narrow Flood 26°, 4000K)

Maximum Delivered Output: Up to 1,094 lm (Round Flood 36°, 4000K)

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
R1ARDT Round Trim	N 26° Round Square	945 910	2960 2940	927 - 2700K 930 - 3000K 935 - 3500K 940 - 4000K	90
R1ARDL Round Trimless	F 36° Round Square	960 950	2470 2445		
R1ASDT Square Trim	W 55° Round Square	815	785		
R1ASDL Square Trimless		830	780		

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 - Downlight

R1ARDT | R1ARDL | R1ASDT | R1ASDL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

CONFIGURATION TABLE		
Model & Power		Finishes
Trim	R1ARDT	BKWT - BLACK
	R1ASDT	GLWT - GOLD
		HZWT - HAZE
		WT - WHITE
Trimless	R1ARDL	BK - BLACK
	R1ASDL	GL - GOLD
		HZ - HAZE
		WT - WHITE

R1A ___ - ___
 Example: R1ARDT-BKWT
 R1ARDL-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

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 - Downlight

R1ARDT | R1ARDL | R1ASDT | R1ASDL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

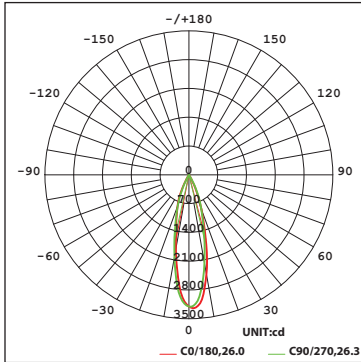
PERFORMANCE DATA

Polar Candela Distribution Charts

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

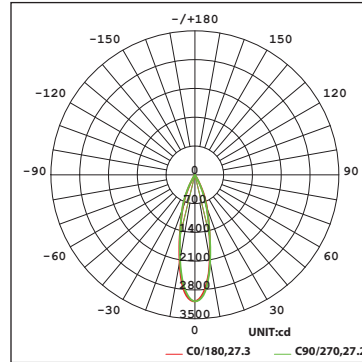
ROUND

Narrow Flood Beam: 26° Beam

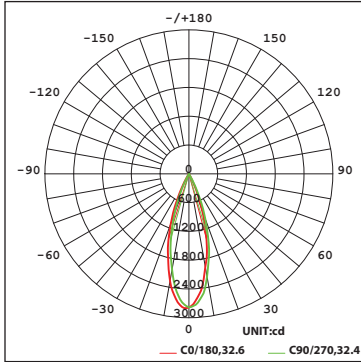


SQUARE

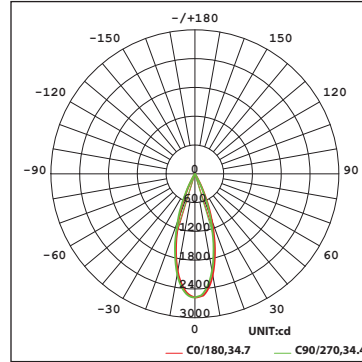
Narrow Flood Beam: 26° Beam



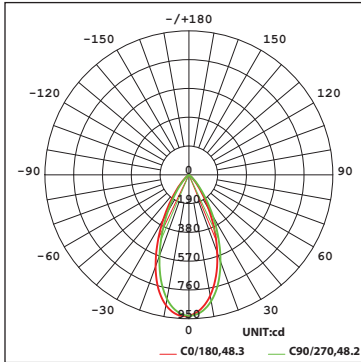
Flood Beam: 36° Beam



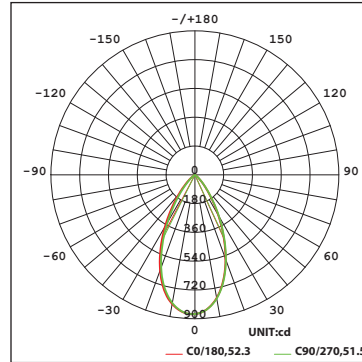
Flood Beam: 36° Beam



Wide Flood Beam: 55° Beam



Wide Flood Beam: 55° Beam



AETHER

Atomic - Downlight

R1ARDT | R1ARDL | R1ASDT | R1ASDL

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	-9.2	-8.5	-9.0	-8.3	-8.2	-8.7	-8.0	-8.5	-7.8	-7.7	
3H	-9.3	-8.7	-9.1	-8.5	-8.3	-8.8	-8.2	-8.6	-8.0	-7.8	
4H	-9.4	-8.8	-9.1	-8.6	-8.4	-8.9	-8.3	-8.6	-8.1	-7.9	
6H	-9.5	-8.9	-9.2	-8.7	-8.4	-9.0	-8.4	-8.7	-8.2	-8.0	
8H	-9.5	-9.0	-9.2	-8.7	-8.5	-9.0	-8.5	-8.7	-8.2	-8.0	
12H	-9.6	-9.0	-9.3	-8.8	-8.5	-9.1	-8.6	-8.8	-8.3	-8.0	
4H	2H	-9.4	-8.8	-9.1	-8.6	-8.4	-8.9	-8.3	-8.6	-8.1	-7.9
	3H	-9.6	-9.0	-9.2	-8.8	-8.5	-9.1	-8.5	-8.8	-8.3	-8.0
	4H	-9.6	-9.2	-9.3	-8.9	-8.6	-9.2	-8.7	-8.8	-8.4	-8.1
	6H	-9.7	-9.3	-9.4	-9.0	-8.6	-9.3	-8.8	-8.9	-8.5	-8.2
	8H	-9.8	-9.4	-9.4	-9.1	-8.7	-9.3	-8.9	-8.9	-8.6	-8.2
	12H	-9.9	-9.5	-9.4	-9.1	-8.7	-9.4	-9.0	-9.0	-8.6	-8.2
8H	4H	-9.8	-9.4	-9.4	-9.1	-8.7	-9.3	-8.9	-8.9	-8.6	-8.2
	6H	-9.9	-9.6	-9.5	-9.2	-8.8	-9.4	-9.1	-9.0	-8.7	-8.3
	8H	-10.0	-9.7	-9.5	-9.3	-8.8	-9.5	-9.2	-9.0	-8.8	-8.3
	12H	-10.0	-9.8	-9.6	-9.3	-8.9	-9.5	-9.3	-9.1	-8.9	-8.4
12H	4H	-9.9	-9.5	-9.5	-9.1	-8.7	-9.4	-9.0	-9.0	-8.6	-8.2
	6H	-10.0	-9.7	-9.5	-9.3	-8.8	-9.5	-9.2	-9.0	-8.8	-8.3
	8H	-10.0	-9.8	-9.6	-9.3	-8.9	-9.5	-9.3	-9.1	-8.9	-8.4

Round Fixture	Angle	UGR Range
Narrow Flood	26°	≤0
Flood	36°	≤0
Wide Flood	55°	≤9

Square Fixture	Angle	UGR Range
Narrow Flood	26°	≤0
Flood	36°	≤0
Wide Flood	55°	≤11

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