

# A1RT-A46M

## QUARTUS ALPINE 4" - Round Adjustable Trim



Fixture Type:

Catalog Number:

Project:

Location:

### PRODUCT DESCRIPTION


The QUARTUS ALPINE Recessed series offers high performance white lighting that provide outputs up to 2,400 lumens on 4" styles. The series features superlative glare control with 30° shielding, 45° vertical tilting with 360° horizontal rotation, and uniform floor-to-ceiling wall washing. A full line of round and square, trimmed and trimless luminaires deliver versatile lighting solutions for various applications. The recessed series includes easy replacement of both the light engine and driver.

### FEATURES

- Two-piece die-cast construction
- Light engine mounted on trim with springs for easy replacement
- 0-45° vertical tilting and 365° horizontal rotation
- Center beam alignment retained throughout adjustment range
- Field changeable beam angle with reflectors provided
- Accepts one Lens or glare control accessory
- 8 year product warranty

### SPECIFICATIONS

- Construction:** Durable die-cast aluminum construction
- Input:** Universal 120-277V AC 50/60 Hz
- Dimming:** Electronic Low Voltage (ELV): 100%-1%  
TRIAC: 100%-1%  
0-10V: 100-1%
- Light Source:** High output 3-step Mac Adam Ellipse COB  
Rated life of 50,000 hours at L70
- Mounting:** Heavy gauge retention clips support trim firmly.  
Safety cabling standard. Ceiling cutout: Ø 4 3/4"  
Accommodates 1/2"- 1 1/4" ceiling thickness
- Finish:** Electrostatically powder coated White, Black, Dark Bronze. Enamel coated Haze.
- Standards:** ETL & cETL Wet Location Listed,  
Title 24 JA8 Compliant.

Model	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	<b>A1RT-A46M</b> <i>Round Trim</i>	N 27°	2255	5620	<b>27</b> 2700K	90	<b>BK</b> <b>DB</b> <b>HZWT</b> <b>WT</b>	<i>Black</i> <i>Dark Bronze</i> <i>Haze/White</i> <i>White</i>
		F 40°	2155	3385				
		W 50°	2235	2905				
		N 27°	2375	5915	<b>30</b> 3000K	90		
		F 40°	2265	3560				
		W 50°	2350	3060				

### A1RT-A46M-\_\_ \_\_

Example: **A1RT-A46M-27BK** (Beam N-27° reflector is pre-installed. Beams F-40° and W-50° reflectors are included.)

\*Lumens and CBCP are reference values for 3000K trim with **4** housing. Use multiplier table below to determine the output for other combinations.

MULTIPLIER		TRIM	
		27	30
HOUSING	<b>4 (28W)</b>	0.95	1.00
	<b>3 (25W)</b>	0.84	0.88
	<b>2 (19W)</b>	0.65	0.68
	<b>1 (13W)</b>	0.45	0.47

Example: **A1RT-A46M-30BK** N-27° beam in **1** housing: 2375 lm (Reference Output) x 0.47 (Multiplier) = 1115 lm  
5915 CBCP (Reference Output) x 0.47 (Multiplier) = 2780 CBCP

Please see next page for housing units (required)

aispire.com	Headquarters	Georgia Distribution Center	Texas Distribution Center	California Distribution Center
Phone (800) 526.2588	44 Harbor Park Drive,	1600 Distribution Ct,	1700 S J Elmer Weaver Fwy Suite 100,	1750 S Archibald Ave,
Fax (800) 526.2585	Port Washington, NY 11050	Lithia Springs, GA 30122	Cedar Hill, TX 75104	Ontario, CA 91761

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## QUARTUS ALPINE 4" - Round Adjustable Trim

HOUSING (Required)		Model	Power
New Construction IC Airtight		<b>A1RT-2661</b> <b>A1RT-2662</b> <b>A1RT-2663</b> <b>A1RT-1664</b>	13W IC 19W IC 25W IC 28W Non-IC
Remodel Non-IC		<b>A1RT-3661</b> <b>A1RT-3662</b> <b>A1RT-3663</b> <b>A1RT-3664</b>	13W Non-IC 19W Non-IC 25W Non-IC 28W Non-IC

**A1RT-\_\_\_\_\_**  
 Example: **A1RT-2661**

### GLARE CONTROL ACCESSORIES

<b>LENS-16-HCM</b> <b>LENS-16P-CRL-BK</b>	<i>Honeycomb Louver</i> <i>Cross Louver</i>
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### LENS ACCESSORIES

<b>LENS-16</b>	<b>AMB</b> <b>RED</b> <b>BLU</b> <b>GRN</b> <b>SPR</b> <b>BEL</b>	<i>Amber</i> <i>Red</i> <i>Blue</i> <i>Green</i> <i>Spread</i> <i>Beam Elongating</i>
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