

ALPINE RPS 2IN MULTIPLES

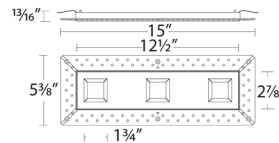
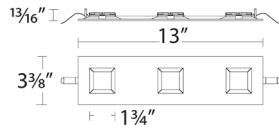
3 LIGHT PINHOLE



Trim



Trimless



FINISHES



Black



White

Fixture Type:

Catalog Number:

Project:

Location:

DESCRIPTION

With a smaller aperture and shallow housing height, Alpine 2 in Multiples offer performance features in a simple but versatile package for residential and commercial applications alike. The rare earth magnetic mounting makes for ease of installation and service. Universal housing can be used with trim or trimless, while delivering downlighting, adjustability, and pinhole lighting effects.

Trim Model	Housing Model	Forward Voltage	Max. Drive Current per head	Power per head	Max # of Fixture	Beam	Color Temp	Lumens CBCP Per Head	CBCP	Finish
A1RF-P563 3 Light Trim Pinhole	A2RF-2583 IC	36V	250mA	9W	1 per Channel	Spot	16° 27 30 2700K 3000K	90 625 660	3890 4090	BK Black WT White with Black interior
						Narrow Flood	30° 27 30 2700K 3000K	90 650 680	1770 1865	
						Flood	50° 27 30 2700K 3000K	90 765 805	1105 1165	
	A3RF-2583 IC	18V	350mA	6W	2 per Channel	Spot	16° 27 30 2700K 3000K	90 470 495	2865 3015	
						Narrow Flood	30° 27 30 2700K 3000K	90 495 520	1385 1460	
						Flood	50° 27 30 2700K 3000K	90 570 600	810 850	
A1RF-P573 3 Light Trimless Pinhole	A2RF-1583 Non-IC	36V	350mA	13W	1 per Channel	Spot	16° 27 30 2700K 3000K	90 825 865	5150 5420	
						Narrow Flood	30° 27 30 2700K 3000K	90 865 910	2340 2465	
						Flood	50° 27 30 2700K 3000K	90 1035 1090	1500 1575	
	A3RF-1583 Non-IC	18V	500mA	9W	2 per Channel	Spot	16° 27 30 2700K 3000K	90 640 675	3940 4145	
						Narrow Flood	30° 27 30 2700K 3000K	90 685 720	1915 2020	
						Flood	50° 27 30 2700K 3000K	90 790 830	1120 1170	

Example: **A1RF-P573-WT**

FEATURES

- AISPIRE remote power supply (RPS) compatible, sold separately
- Refined 2" aperture and shallow <4" housing
- Adjustable LED light engine included with housing:
Vertical adjustment 0-40°, Horizontal adjustment 0-360°
- Rare earth magnetic light engine mounting
- Accommodates accessory optical film and one lens or honeycomb louver
- Universal housing can be used with trim and trimless options
- Each light engine can be independently controlled
- 5 year warranty

SPECIFICATIONS

Construction:	Die-cast aluminum trim and light engine. Steel housing.
Input:	Class 2 Low Voltage, DC Power
Remote Power Supplies (RPS):	A2D20-BK A2D40-BK. Reference compatible RPS specifications for further requirements
Dimming:	Refer to RPS specifications for protocol and compatibility
Light Source:	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hrs
Mounting:	Accommodates 1/2"-1" ceiling thickness
Finish:	Electrostatically powder coated White, Black.
Operating temp:	-4°F to 104°F (-20°C to 40°C)
Standards:	UL & cUL, Wet Location listed.

aispire.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

ALPINE RPS 2IN MULTIPLES

3 LIGHT PINHOLE



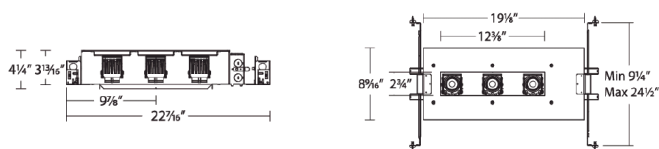
Housings (Order Trim Separately)

Fixture Type:

Catalog Number:

Project:

Location:



Model	Forward Voltage	Max. Drive Current per Head	Power per Head	Rating	Max # of Heads per Channel	Heads	Beam	Color Temp	CRI
A2RF-258	36V	250mA	9W	IC	1 per Channel	3 3 Light	S 16° N 30° F 50°	27 2700K 30 3000K	90
A2RF-158	36V	350mA	13W	Non-IC	1 per Channel				
A3RF-258	18V	350mA	6W	IC	2 per Channel				
A3RF-158	18V	500mA	9W	Non-IC	2 per Channel				

Example: **A2RF-1583N-27**

ACCESSORIES

Each light engine accommodates accessory optical film and one lens or honeycomb louver

ACCESSORY HOLDER sold separately

LENS-11-HLD	Required for use with any lens or accessory
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GLARE CONTROL ACCESSORIES sold separately

LENS-11-HCL	LENS-11-HCL
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LENS ACCESSORIES sold separately

LENS-11	AMB	Amber
	RED	Red
	FR	Frosted
	SPR	Spread
	BEL	Beam Elongating

ACCESSORY OPTIC FILMS sold separately

MT-2-FILM		
Optic Film Package: includes 3 films (A, B, C)		
LENS-11-HLD Required (sold separately)		

Primary Optic	Accessory Film	Resulting Beam
S (16°)	A	25°
S (16°)	B	45°
S (16°)	C	55°
N (30°)	A	35°
N (30°)	B	55°
N (30°)	C	65°
F (50°)	A	52°
F (50°)	B	70°
F (50°)	C	80°



COVERAGE DIAMETER FROM 8' CEILING IN FEET

Primary Optic	No Film	+ Film A	+ Film B	+ Film C
Spot	2'	3.5'	6.5'	8.5'
Narrow	4.5'	5'	8.5'	10'
Flood	7.5'	8'	11'	13.5'

COVERAGE DIAMETER FROM 8' CEILING IN FEET

Primary Optic	No Film	+ Film A	+ Film B	+ Film C
Spot	3'	4.5'	8.5'	10.5'
Narrow	5.5'	6.5'	10.5'	12.5'
Flood	9.5'	10'	14'	17'

Above charts represent beam distribution only. Footcandle values should be considered in addition to meet project requirements.

AiSPiRE Remote Power Supply (RPS)

A2D LED DMX Power Unit



Model	# of channels	Finish
A2D20 2 x 75W Class 2 output DMX LED power unit	4	BK Black
A2D40 4 x 75W Class 2 output DMX LED power unit	8	BK Black

Example: A2D20-BK

FINISHES



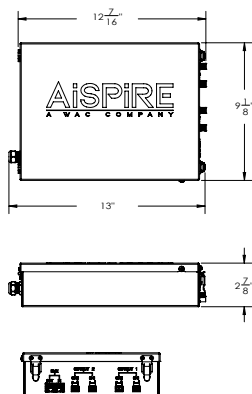
Black

FEATURES

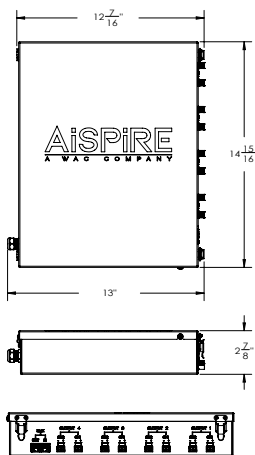
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

LINE DRAWING

A2D20 - 4 Channel



A2D40 - 8 Channel



INPUT

Voltage Range:	120VAC
Frequency Range:	50/60Hz
Power Factor:	0.99 @100VAC
THD:	<15% @full load
Current:	0.9A @100VAC
Standby Power Consumption:	<0.5w

OUTPUT

LED Channels:	APD20-BK: 4 Channels APD40-BK: 8 Channels
Selectable Current:	250mA, 300mA, 350mA, 400mA, 450mA, 500mA, 600mA, 700mA, 800mA, 900mA, 1A, 1.1A, 1.2A, 1.3A, 1.4A, 1.5A
DC Voltage Range:	6-48VDC
Current Tolerance:	± 3%
Rated Power:	72W per channel 75W max (per 2-channel output)

CONTROL

Control Protocol:	DMX 512-A, DMX 512
Dimming Range:	0%-100%
Control Input:	DMX RJ45
Dimming Curve:	Linear/Logarithm (Selectable)

PROTECTION

Short Circuit, Over Voltage, Over Temp:	Recovers automatically after fault condition is removed
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ENVIRONMENT

Ambient Operating Temp:	-4°F - 113°F (-20°C - 45°C)
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SAFETY & EMC

- Safety Standard: UL, Damp Location
- EMC Emission: FCC Part 15 Class B
- Surge Immunity: Line-Line 1 kV

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