

ALPINE RPS 2IN MULTIPLES

New Construction Housing



Fixture Type:

Catalog Number:

Project:

Location:

FINISHES

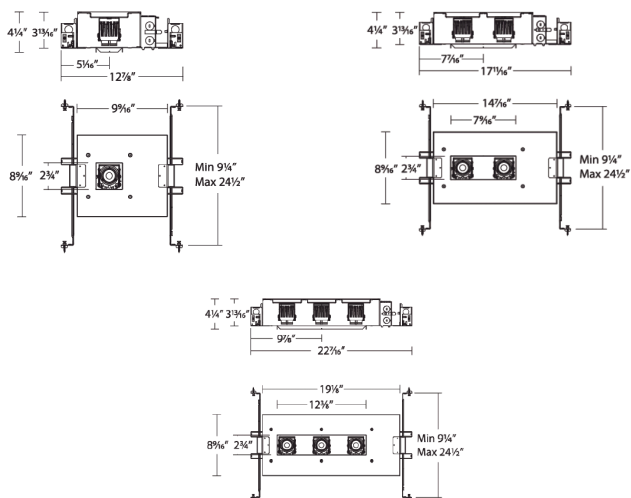


Black

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

Example: A2RF-1582N-27

LINE DRAWING Housings (Order Trim Separately)



SPECIFICATIONS

Construction:	Die-cast light engine. 20 gauge cold rolled steel housing.
Input Power:	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 ½"-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.
Warranty:	5 year warranty.

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

New Construction Housing



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
--------------------	---

GLARE CONTROL ACCESSORIES sold separately

LENS-11-HCL	LENS-11-HCL
--------------------	--------------------

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



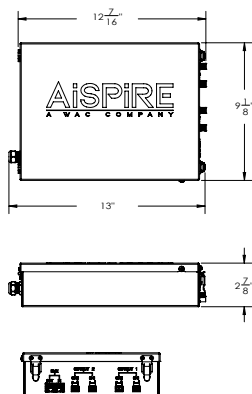
Black

FEATURES

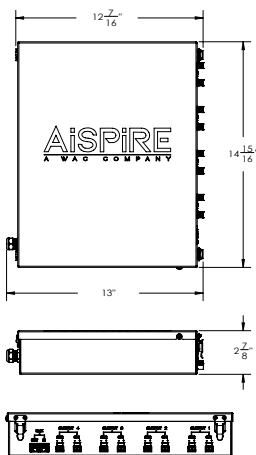
- 75W Max. Output Power (Per DMX Power Unit)
- 250mA-1500mA output current selection
- Class 2 power supply
- Built-in DMX512 interface
- IP20 rating
- UL Damp location listed

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
---	---

ENVIRONMENT

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

SAFETY & EMC

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

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