

SUMMIT AIP-200

200W RGBL IP65 LED PAR



The Summit AIP-200 is a compact 200 Watt RGBL IP65 rated & convection cooled zoom par that is packed with a high feature set at an affordable price. This silent, compact luminaire weighs in at just 13.44 pounds / 6.1 kg. but features a powerful lumen output with a wide zoom range.

The AIP-200's compact, cast aluminum design allows for discrete luminaire placement while the Red, Green, Blue, Lime LED engine offers very high output of deep rich saturated colors as well as soft and delicate pastels. The AIP-200 replicates the soft output of a par wash light while maintaining a uniform beam output throughout the entire zoom range.

The AIP-200 offers a number of different control states from 8 Bit, 16 Bit, RGB, CMY, Compact and HSIC, modes allowing for a number of control choices. Popular gel colors are factory calibrated and custom color presets are available to program and store custom color mixes. This allows for quick selection of factory preloaded white points and the most widely used entertainment color choices.

The motorized zoom produces a beam spread between 6.5° and 50° with built-in stops at five different set points ensuring precise beam spread repeatability. This zoom can be set from either the back panel and locked out, or directly from the console.



Bringing Imagination to Light™

Product Features

- 5792 max lumens
- Red, Green, Blue, Lime LED Engine
- IP65 rated
- Lightweight, 13.80 lbs. (6.26 kg)
- Motorized zoom system 6.5° to 50° with built-in stops for:
 - Very Narrow Spot (VNSP)
 - Narrow Spot (NSP)
 - Medium Flood (MFL)
 - Wide Flood (WFL)
 - Extra Wide Flood (XWFL)
- Patented Zoom Lock
- 100 to 240 VAC 50/60 Hz operation
- Seetronic PowerKON Power input and through connection
- Up to 30 Hz Strobe rate
- DMX 5-pin in and through IP65 Rated connection
- Compatible with DMX 512 and RDM protocols
- On-board, simple-to-use user interface - with key-pad lockout security features
- Silent convection cooling
- Built-in floor stand
- Color calibration system
- Multiple dimming profiles
- Frequency Adjust Settings
- Amber Shift Settings
- Eight different control settings of:
 - 16-bit Direct (15 DMX Channels)
 - 16-bit CMY (13 DMX Channels)
 - 8-bit Direct (10 DMX Channels)
 - 8-bit CMY (9 DMX Channels)
 - RGB (5 DMX Channels)
 - HSIC (10 DMX Channels)
 - Compact Mode (6 DMX Channels)
 - Compact Mode with Zoom (7 DMX Channels)
- On-board factory set and customer defined color presets
- Preset white select set point settings
- Available in black
- cETLus listed CE marked
- Five (5) year and one (1) day warranty
- No cost technical support for the life of your product

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Photometrics - AIP200 Spot Mode

Photometrics Note: All photometric unless stated otherwise, have been taken in a 25°C environment with all LEDs at full intensity following a 60 minute warm up period

Zoom Set: VNSP - Very Narrow

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		Lumens (Cold)
Full On	0	6.5°	12570	2008		3514
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	1.1ft (0.3m)	1.7ft (0.5m)	2.3ft (0.7m)	3.5ft (1.0m)	4.6ft (1.4m)	5.8ft (1.7m)
Illuminance (fc) at Full On	1172 (Cold 2112)	521 (Cold 939)	293 (Cold 528)	130 (Cold 235)	73 (Cold 132)	47 (Cold 84)
Illuminance (lux) at Full On	12615 (Cold 22730)	5607 (Cold 10102)	3154 (Cold 5683)	1402 (Cold 2526)	788 (Cold 1421)	505 (Cold 909)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Very Narrow, Multiply any distance by 0.116.

Zoom Set: NSP - Narrow

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	63	11.4	48497	2073		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	2.0ft (0.6m)	3.0ft (0.9m)	4.1ft (1.2m)	6.1ft (1.8m)	8.2ft (2.5m)	10.2ft (3.1m)
Illuminance (fc) at Full On	473 (Cold 990)	210 (Cold 440)	118 (Cold 248)	53 (Cold 110)	30 (Cold 62)	19 (Cold 40)
Illuminance (lux) at Full On	5093 (Cold 10660)	2263 (Cold 4738)	1273 (Cold 2665)	566 (Cold 1184)	318 (Cold 666)	204 (Cold 426)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Narrow, Multiply any distance by 0.205.

Zoom Set: MFL - Medium

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	127	18.9°	47057	3097		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	3.4ft (1.0m)	5.1ft (1.5m)	6.8ft (2.0m)	10.2ft (3.1m)	13.6ft (4.1m)	17.0ft (5.1m)
Illuminance (fc) at Full On	467 (431 Cold)	207 (191 Cold)	117 (108 Cold)	52 (48 Cold)	29 (27 Cold)	19 (17 Cold)
Illuminance (lux) at Full On	5022 (4637 Cold)	2061 (2232 Cold)	1255 (1159 Cold)	558 (515 Cold)	314 (290 Cold)	201 (185 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Medium, Multiply any distance by 0.34.

Zoom Set: WFL - Wide

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	191	25.2°	18507	2486		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	4.5ft (1.3m)	6.8ft (2.0m)	9.0ft (2.7m)	13.6ft (4.1m)	18.1ft (5.5m)	22.6ft (6.8m)
Illuminance (fc) at Full On	184 (240 Cold)	82 (107 Cold)	46 (60 Cold)	20 (27 Cold)	11 (15 Cold)	7 (10 Cold)
Illuminance (lux) at Full On	1979 (2583 Cold)	879 (1148 Cold)	495 (646 Cold)	220 (287 Cold)	124 (161 Cold)	79 (103 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Wide, Multiply any distance by 0.453.

Zoom Set: XWFL - Extra Wide

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		Lumens (Cold)
Full On	255	32°	10548	2396		5310
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	5.7ft (1.7m)	8.6ft (2.6m)	11.5ft (3.5m)	17.2ft (5.2m)	23.0ft (7.0m)	28.8ft (8.7m)
Illuminance (fc) at Full On	106 (155 Cold)	47 (69 Cold)	26 (39 Cold)	12 (17 Cold)	7 (10 Cold)	4 (6 Cold)
Illuminance (lux) at Full On	1138 (1671 Cold)	506 (743 Cold)	284 (418 Cold)	126 (186 Cold)	71 (104 Cold)	46 (67 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Extra Wide, Multiply any distance by 0.573.

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Photometrics - AIP200 Wash Mode

Photometrics Note: All photometric unless stated otherwise, have been taken in a 25°C environment with all LEDs at full intensity following a 60 minute warm up period

Zoom Set: VNSP - Very Narrow

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		Lumens (Cold)
Full On	0	8.4°	126237	2055		5160
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	1.5ft (0.4m)	2.2ft (0.6m)	3.0ft (0.9m)	4.5ft (1.3m)	6.05ft (1.8m)	7.5ft (2.2m)
Illuminance (fc) at Full On	1170 (1375 Cold)	520 (611 Cold)	293 (344 Cold)	130 (153 Cold)	73 (86 Cold)	47 (55 Cold)
Illuminance (lux) at Full On	12597 (14800 Cold)	5599 (6578 Cold)	3149 (3700 Cold)	1400 (1644 Cold)	787 (925 Cold)	504 (592 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Very Narrow, Multiply any distance by 0.15.

Zoom Set: NSP - Narrow

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	63	15.2°	48497	2073		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	2.7ft (0.8m)	4.1ft (1.2m)	5.4ft (1.6m)	8.2ft (2.5m)	10.9ft (3.3m)	13.6ft (4.1m)
Illuminance (fc) at Full On	353 (633 Cold)	157 (281 Cold)	88 (158 Cold)	39 (70 Cold)	22 (40 Cold)	14 (25 Cold)
Illuminance (lux) at Full On	3797 (6811 Cold)	1688 (3027 Cold)	949 (1703 Cold)	422 (757 Cold)	237 (426 Cold)	152 (272 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Narrow, Multiply any distance by 0.273.

Zoom Set: MFL - Medium

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	127	21.1°	47057	3097		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	3.8ft (1.1m)	5.7ft (1.7m)	7.6ft (2.3m)	11.4ft (3.4m)	15.2ft (4.6m)	18.9ft (5.7m)
Illuminance (fc) at Full On	190 (344 Cold)	85 (153 Cold)	48 (86 Cold)	21 (38 Cold)	12 (22 Cold)	8 (14 Cold)
Illuminance (lux) at Full On	2048 (3705 Cold)	910 (1647 Cold)	512 (926 Cold)	228 (412 Cold)	128 (232 Cold)	82 (148 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Medium, Multiply any distance by 0.38.

Zoom Set: WFL - Wide

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		
Full On	191	26.3°	18507	2486		
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	4.7ft (1.4m)	7.1ft (2.1m)	9.4ft (2.8m)	14.2ft (4.3m)	18.9ft (5.7m)	23.6ft (7.1m)
Illuminance (fc) at Full On	123 (217 Cold)	54 (96 Cold)	31 (54 Cold)	14 (24 Cold)	8 (14 Cold)	5 (9 Cold)
Illuminance (lux) at Full On	1319 (2336 Cold)	586 (1038 Cold)	330 (584 Cold)	147 (260 Cold)	82 (146 Cold)	53 (93 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Wide, Multiply any distance by 0.473.

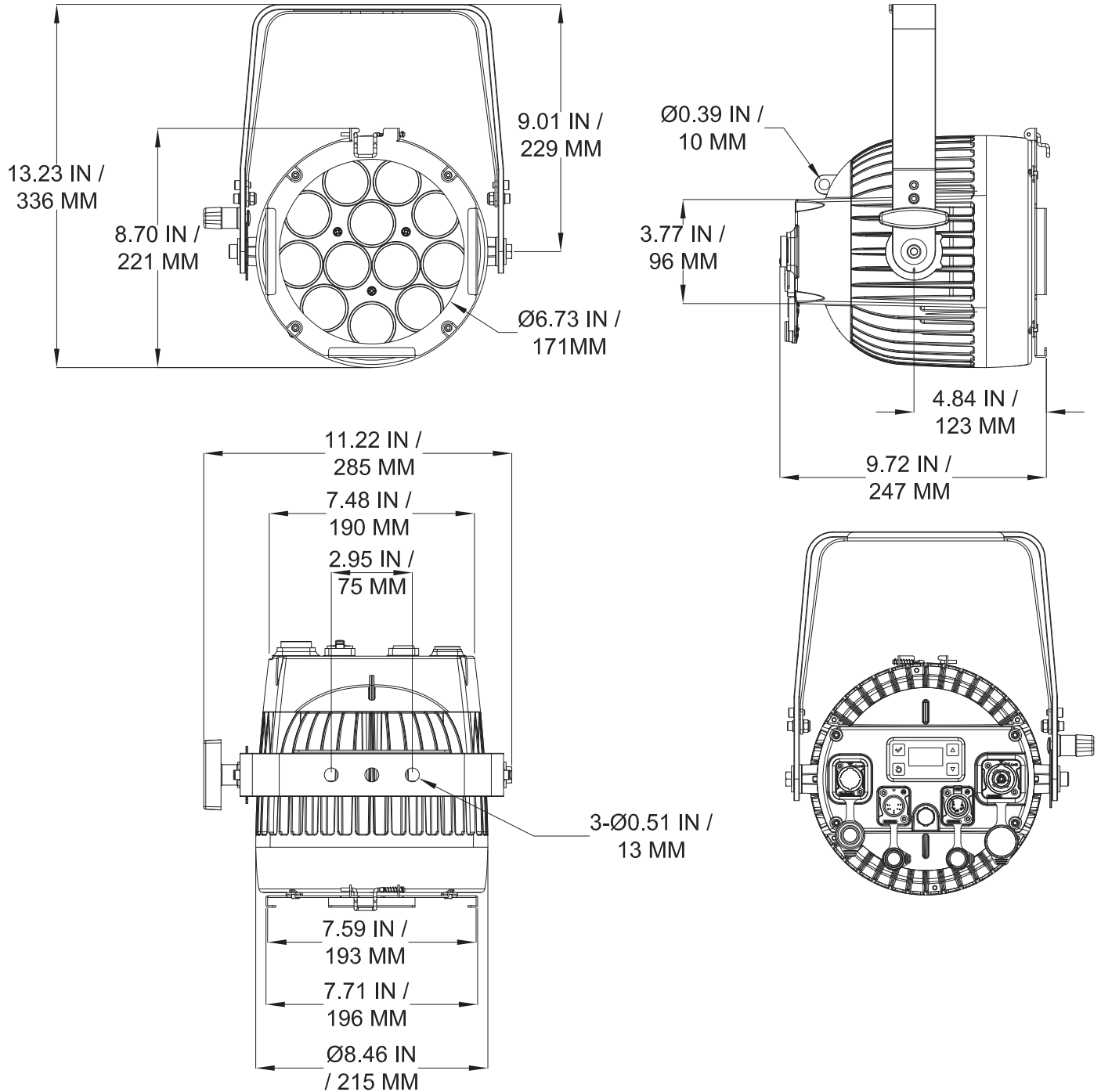
Zoom Set: XWFL - Extra Wide

Output Setting	Zoom DMX	Beam Angle	Candela	Lumens		Lumens (Cold)
Full On	255	50°	10548	2396		5310
Throw Distance	10ft (3m)	15ft (4.6m)	20ft (6.1m)	30ft (9.1m)	40ft(12.1m)	50ft (15.2m)
Field Diameter	9ft (2.7m)	13.5ft (4.1m)	18ft (5.4m)	27ft (8.2m)	36ft (10.9m)	45ft (13.7m)
Illuminance (fc) at Full On	87 (151 Cold)	39 (67 Cold)	22 (38 Cold)	10 (17 Cold)	5 (9 Cold)	3 (6 Cold)
Illuminance (lux) at Full On	936 (1620 Cold)	416 (720 Cold)	234 (405 Cold)	104 (180 Cold)	58 (101 Cold)	37 (65 Cold)

Note: To Calculate the Beam Diameter with the Fixture, Zoom set for Extra Wide, Multiply any distance by 0.9.

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Dimensions



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Ordering Information

Model:	LED:	Body Color:	Cable Option
AIP-200	RGBL - Color Mixing	B - Black W - White C - Custom	*Blank* - No Cable Supplied SCBE - Seetronic PowerKon to Bare End SCED - Seetronic PowerKon to Male Edison

Note: When ordering the fixture simply select an option from each column and that will produce your ordering part number .

Example - For the AIP200 with an RGBL LED Array in Black with a Seetronic to Edison cable, the part number would be AIP-200-RGBL-B-SCED.

Color: Fixture ship standard as Black. If White or Custom are required that could result in a longer lead time.

Included Items

Model:	Description:
AIP-200-RGBL-*	AIP 200 Face Frame (AIP200-FF)
AIP-200-RGBL-*.SCBE	AIP 200 Face Frame (AIP200-FF), 5-foot 20A Seetronic PowerKon to Bare End (SPK-BARE-12-5)
AIP-200-RGBL-*.SCED	AIP 200 Face Frame (AIP200-FF), 5-foot 20A Seetronic PowerKon to Male Edison Connector (SPK-PBG-12-5)

Available Accessories

Model:	Description:
510	Malleable Iron Clamp
515	Extruded Aluminum C-Clamp
SC-36-BK	36-Inch Black Safety Cable with Spring Clip
SS-SC-40-BK	40-Inch Stainless Steel Safety Cable with Spring Clip
6-BD-4	Barn-Door 4 door eight leaf
6-SN	7-1/2" X 7-1/2" Top hat (snoot)
6-CFB	Black Color Frame 7-1/2" x 7-1/2"
52-SAC3FX	Seetronic PowerKon Input Connector
52-SAC3MX	Seetronic PowerKon Thru Connector

Please contact the Altman Factory for Power, Power Jumper, and Data Cable options. All cables for the AIP series are wet location rated.



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