The Punch Plus

The AAdynTech Punch Plus is the most powerful daylight-balanced white light professional LED fixture available today. Flicker free up to 12,000 fps, the fixture delivers an incredible output of 4,044 fc @ 10 feet, comparable to a 2,500 watt HMI, while consuming less than 5 amps of power. The Punch Plus is self-contained with a universal power supply and, unlike traditional HMI's, the need for heavy and expensive head cables, ballasts or spare lamps is eliminated, dramatically reducing transport weight. Crew and talent safety is always a concern and the Punch Plus generates minimal heat and can be held with bare hands, and harmful UV or IR emissions are virtually eliminated. Instant 'ON' ensures no warm-up wait time on set. The Punch Plus Daylight comes with a built-in Wireless DMX/RDM Receiver. This model may be operated in either wired or wireless configuration further expanding its versatility.

Specially designed holographic lenses provide optical efficiency by creating a single light source, effectively eliminating multiple shadows. These quick change lenses are included to adjust the beam angle for narrow, medium or flood while maintaining a flat, even field. The UIM Digital Remote provides precise control over dimming with user selectable variable dimming curves, a smart lamp hour counter, multiple memory recordings and a host of other features including strobe and lightning effects. A heavy-duty yoke is provided. Accessory options are available; barn doors, ATA Mil-spec road cases, speed rings, light banks, filters and more.
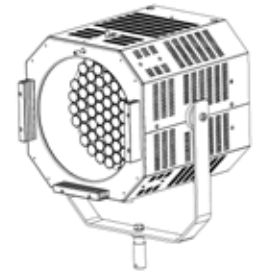
Features at a glance:

• Brighter than a 2,500 watt HMI
• 4,044 foot candle output @ 10 feet
• 5600K CCT
• Draws only 4.8 amps at full output
• Auto range voltage - 100/277 VAC - 50/60Hz
• Up to 90% energy savings
• Precise brightness control w/ variable dimming curve
• Single light source eliminates multiple shadows
• Flicker-free up to 12,000 fps
• No heat generation - operates cool to the touch
• Douse button (momentary off)
• Included: hard gel filters, 1/4 CTO & 1/4 MG
• Included 5°, 15°, 30°, 55° lenses to vary beam angle
• No head cables, ballast or spare lamps
• Built-in digital User Interface Module (UIM) control

• Recalibration countdown hour 'smart' meter
• Wireless or wired DMX In/Out or digital remote
• PowerCon AC Cable
• Programmable multiple lightning and strobe effects
• Multiple user memory storage with recall
• 2 year warranty on fixture
• Operating temperature at -20c to +50c
• Certified UL, ETL, CSA, CE & RoHS compliant
• USA & International Patent Pending
• Optional weatherproof enclosure

The Punch Plus is available in Daylight. Special order models include: Bullet & Mega Bullet high speed versions.

The Punch Plus

No Diffuser	@5 Feet	@10 Feet	@15 Feet
Lux	187,468	46,525	20,526
Foot Candles	17,416	4,044	1,907

15° Diffuser	@5 Feet	@10 Feet	@15 Feet
Lux	90,312	22,578	9,989
Foot Candles	8,340	2,098	928

30° Diffuser	@5 Feet	@10 Feet	@15 Feet
Lux	37,631	9,442	4,242
Foot Candles	3,496	877	394

55° Diffuser	@5 Feet	@10 Feet	@15 Feet
Lux	9,441	2,326	1,045
Foot Candles	877	216	97

Diffuser	Beam Angle	Field Angle
0°	11.4°	26.7°
15°	27.5°	38.2°
30°	36.5°	62.6°
55°	55.8°	95.7°

Diffuser	Lumens	Candelas
0°	11,526	432,233
15°	31,293	228,236
30°	23,364	94,066
55°	18,747	22,280

At 90° angle to incident surface

Specifications

Control	UIM, DMX
Wireless	Optional
RDM	Optional
Source	LED, 5600K CCT
Cooling	Passive/Active
Mounting	Junior Pin/28mm Spigot
Certifications	ETL, UL, CSA, CE and RoHS Compliant

Dimensions

Length	431.4 mm	17.0 in.
Width	468.9 mm	18.5 in.
Height	515.5 mm	20.3 in.
Weight	22 kg	48.4 lbs

Power

Input Voltage	100-277 Vac	
Input Freq	50/60 Hz	
Input Current	4.87 Amp@120V	584.4 W @ full
Connection	US NEMA 5-15	Others Available

Highlights:

RoHS Compliant
Up to 4,044 foot candles @10 feet
Daylight-Balanced at 5600K CCT
Dimmable with no color shift
Draws 4.8 amps at max output
No UV or IR
Optional weatherproof enclosure