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The JAB Daylight

The JAB Daylight LED fixture in AAdynTech's JAB Series lineup is one of the most sought after lighting fixtures on the market for good reason. Whether for Broadcast ENG remote field production, fixed studio installation, live sports coverage, video shoots or film, the JAB Daylight provides a wealth of practical benefits and features ideally suited to a wide range of lighting applications. Weighing in at only 19 lbs., its small compact footprint allows for an ease of transport for on-the-go lighting assignments. An unmatched output of better than 1,850 foot-candles at 10 ft. combined with a maximum current draw of a mere 1.77 amps at full brightness means savings up to 90% A/C energy usage. If that weren't enough; the fixture can be operated on 28.8v DC battery power for situations where conventional A/C supply is problematic or non-existent.

Unlike HMI fixtures, the JAB Daylight generates minimal heat and no harmful UV or IR emissions - an important safety consideration for both talent and crew. The fixture is self-contained with an auto-ranging universal power supply requiring no heavy, expensive ballast, head cables or replacement lamps. The Daylight boasts fan-less convection cooling and flicker-free operation up to 12,000 frames per second. As with all AAdynTech fixtures; instant 'ON' ensures no warm-up wait time on set - ever. The Daylight comes equipped with specially designed holographic lenses that provide optical efficiency by creating a single light source, effectively eliminating multiple shadows. These quick-change lenses vary the beam angle for narrow, medium or flood while maintaining a flat, even field.

There are several control possibilities; local onboard manual controls, DMX with DMX loop-thru, or the optional illuminated UIM Digital Remote. A heavy-duty yoke is standard. Accessory options include; barn doors, road cases, speed rings, light banks and more. The JAB Daylight is available standalone, or as several full Kit versions coupled with varying accessories and housed in a molded ATA Mil-spec rolling case. The remarkable versatility of the AAdynTech JAB Daylight truly puts it into a class of its own.

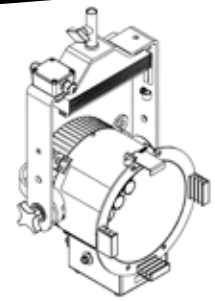


Features at a glance:

- 1,854 foot candle output @ 10 feet
- 5600K CCT
- Draws only 1.77 amp at full output
- Auto range voltage - 100/277 VAC - 50/60Hz
- Up to 90% energy savings
- Precise brightness control with no color shift
- Single light source eliminates multiple shadows
- No heat generation - operates cool to the touch
- Douse button (momentary off)
- Included 5°, 15°, 30°, 55° lenses to vary beam angle
- No head cables, ballast or spare lamps
- Optional digital User Interface Module (UIM) control
- Recalibration countdown hour 'smart' meter (with UIM)
- Manual, DMX or digital remote control
- Programmable multiple lightning and strobe effects (with UIM or DMX control)
- Multiple user memory storage with recall (with UIM)
- 2 year warranty on fixture
- Operating temperature at -20c to +50c
- Certified UL, ETL, CSA, CE & RoHS compliant
- USA & International Patent Pending

The JAB Series is available in 3 models: Daylight, Variable & Hurricane. Special order models include: Tungsten & Bullet high speed versions.





JAB Daylight

No Diffuser @5 Feet @10 Feet @15 Feet

Lux	74,710	19,960	9,004
Foot Candles	6,940	1,854	836

15° Diffuser @5 Feet @10 Feet @15 Feet

Lux	39,100	9,935	4,693
Foot Candles	3,632	923	436

30° Diffuser @5 Feet @10 Feet @15 Feet

Lux	16,020	3,934	1,765
Foot Candles	1,488	366	164

55° Diffuser @5 Feet @10 Feet @15 Feet

Lux	5,919	1,469	680
Foot Candles	550	136	63

Diffuser	Beam Angle	Field Angle
0°	15.2°	29.0°
15°	20.8°	38.6°
30°	34.3°	61.2°
55°	50.0°	88.5°

Diffuser	Lumens	Candelas
0°	10,356	182,388
15°	9,746	93,737
30°	10,915	36,883
55°	9,336	14,162

At 90° angle to incident surface

Specifications

Control	Local, UIM, DMX
Source	LED, 5600K CCT
Cooling	Passive
Mounting	Baby Pin
Certifications	ETL, UL, CSA, CE and RoHS Compliant

Dimensions

Length	339.0 mm	13.3 in
Width	326.5 mm	12.9 in
Height	554.9 mm	21.8 in
Weight	8.9 kg	19.5 lbs

Power

Input Voltage	100-277v AC	Battery (30v DC)
Input Freq	50/60 Hz	
Input Current	1.77 Amp @120V	212 Watts @ full
Connection	US NEMA 5-15	Others Available

Highlights:

- RoHS Compliant
- 1,854 foot candles @10 feet
- Daylight-Balanced at 5600K CCT
- Dimmable with no color shift
- Draws 1.7 amps at max output
- No UV or IR

