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## 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 2,758 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 four quickchange lenses vary the beam angle for very narrow, narrow, medium or flood while maintaining a flat, even field.

There are several control possibilities; built-in UIM, 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.



THE JAB SERIES IS AVAILABLE IN 3 MODELS: DAYLIGHT, VARIABLE & HURRICANE. SPECIAL ORDER MODELS INCLUDE: TUNGSTEN & BULLET HIGH SPEED VERSIONS.



### FEATURES AT A GLANCE:

- 2,758 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: hard gel filters, ¼ CTO & ¼ MG
- Included 5°, 15°, 30°, 55° lenses to vary beam angle
- Flicker-free up to 12,000 fps
- No head cables, ballast or spare lamps
- Built-in User Interface Module (UIM) with optional corded UIM controller port
- Recalibration countdown hour 'smart' meter
- UIM, DMX or digital remote control
- 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

# JAB Daylight

| NO DIFFUSER  | @10 FEET | @15 FEET | @20 FEET |
|--------------|----------|----------|----------|
| Lux          | 29,690   | 7,737    | 7,151    |
| Foot Candles | 2,758    | 1,283    | 665      |

| 5° DIFFUSER  | @10 FEET | @15 FEET | @20 FEET |
|--------------|----------|----------|----------|
| Lux          | 20,510   | 9,200    | 5,020    |
| Foot Candles | 1,902    | 855      | 466      |

| 15° DIFFUSER | @10 FEET | @15 FEET | @20 FEET |
|--------------|----------|----------|----------|
| Lux          | 13,100   | 5,820    | 3,200    |
| Foot Candles | 1,217    | 540      | 298      |

| 30° DIFFUSER | @10 FEET | @15 FEET | @20 FEET |
|--------------|----------|----------|----------|
| Lux          | 5,420    | 2,453    | 1,414    |
| Foot Candles | 504      | 228      | 131      |

| 55° DIFFUSER | @10 FEET | @15 FEET | @20 FEET |
|--------------|----------|----------|----------|
| Lux          | 2,050    | 980      | 570      |
| Foot Candles | 190      | 91       | 53       |

| DIFFUSER | BEAM ANGLE | FIELD ANGLE |
|----------|------------|-------------|
| 0°       | 14.1°      | 17.1°       |
| 5°       | 17.6°      | 22.6°       |
| 15°      | 19.2°      | 30.6°       |
| 30°      | 28.4°      | 48.5°       |
| 55°      | 50.1°      | 73.8°       |

At 90° angle to incident surface

## SPECIFICATIONS

|                |                                     |  |
|----------------|-------------------------------------|--|
| Control        | Local, UIM, DMX                     |  |
| Source         | LED, 5600K CCT                      |  |
| Cooling        | Passive                             |  |
| Mounting       | Baby Pin or Junior                  |  |
| 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 (28.8v DC) |
| Input Freq    | 50/60 Hz        |                    |
| Input Current | 1.77 Amp @ 120V | 212 Watts @ full   |
| Connection    | US NEMA 5-15    |                    |

## HIGHLIGHTS

- RoHS Compliant
- 2,758 foot candles @ 10 feet
- Daylight-Balanced at 5600K CCT
- Dimmable with no color shift
- Draws 1.7 amps at max output
- No harmful UV or IR radiation

