

# ACCLAIM LED FRESNEL

Date: \_\_\_\_\_  
Type: \_\_\_\_\_  
Firm: \_\_\_\_\_  
Name: \_\_\_\_\_  
Project: \_\_\_\_\_

The Strand Acclaim LED Fresnel is a full color theatrical Fresnel wash fixture designed specifically for small to medium spaces. The Acclaim has set the standard in 500 W/650 W lighting for a generation, and this new LED version offers saturated stage color washes and dramatic highlighting capabilities thanks to the high quality, industry standard 4.75" front lens coupled with the engineering excellence that has set Strand apart for over a century. A true theatrical Fresnel, the Acclaim LED Fresnel offers superior control and light quality to comparable PAR fixtures. The adjustable 10° to 40° zoom provides manual adjustment with minimal light scatter, and the even, soft-edged beam easily blends with adjacent fixtures without hard edges to soften with frost filters or hot spots to smooth out in the beam. To shape the beam, users can add an optional rotating four leaf barndoor that mounts on the front of the fixture and rotates around the axis for the perfect angle. The Acclaim LED Fresnel is available in black or white.



- 500 W/650 W-equivalent LED Fresnel – true Fresnel with superior control and light quality than comparable PAR fixtures.
- Built with the DNA of Strand - cost-effective luminaire from the original name in theatrical lighting.
- Integrated 10° to 50° manual zoom – precise beam sizing with minimal light scatter.
- Optional rotating 4-leaf barn doors – shape the beam to focus light where you need it.
- Custom LED light source and RGBL color mixing system – consistent output and color mixing with the entire Acclaim LED Series.
- Available in black or white – the perfect body color for your application.

For detailed product information, please refer to [www.strandlighting.com/global/products/acclaim-led-fresnel](http://www.strandlighting.com/global/products/acclaim-led-fresnel)



 **Strand**

# Specifications

Due to continuous improvements and innovations, specifications may change without notice.

## Source

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| LED                          | Multichromatic Light Engine - RGBL                     |
| Source Max Power Consumption | 150 W                                                  |
| LED Refresh Rate             | 500 Hz to 4000 Hz                                      |
| Dimming                      | Electronic 8-bit / 16-bit                              |
| Dimmer Curves                | Square Law (Default), Linear, S -Curve                 |
| Dimmer Control Option        | Dimmer Snap On/Off<br>On reduces auto dimmer smoothing |
| Tungsten Fade                | Selectable on/off                                      |
| Strobe                       | Electronic                                             |
| Strobe Speed                 | 0 - 30Hz                                               |
| Strobe Modes                 | Standard, Lightening, Random                           |

## Optical Performance

|               |                                                                               |
|---------------|-------------------------------------------------------------------------------|
| Zoom Range    | 10 - 50°                                                                      |
| Zoom Control  | Manual control                                                                |
| Output Lumens | Beam - 4,500,<br>Field - 8500                                                 |
| Lens Size     | 125 mm (5 in)                                                                 |
| CRI RA        | 7100 K - 85<br>5600 K - 84<br>3200 K - 80                                     |
| Tm30          | 7100 K - Rf 81 / Rg 102<br>5600 K - Rf 81 / Rg 102<br>5600 K - Rf 81 / Rg 102 |
| CQS           | 7100 K - 80<br>5600 K - 79<br>3200 K - 71                                     |
| TLCI          | 7100 K - 80<br>5600 K - 79<br>3200 K - 74                                     |

## Color System

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Color Mixing                | RGBL                                                                                |
| Color Mixing Control        | Open Source                                                                         |
| Color Calibration           | Selectable On/Off                                                                   |
| Color Mixing Control Option | Color Snap On/Off<br>On reduces auto smoothing color to create faster color changes |

## Electrical

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| Output Power Consumption | 170 W                                                                             |
| Power Connection         | TrueOne Compatible - In / Thru<br>Power cable not included - input connector only |
| Input Voltage            | 100-240 VAC, 50 / 60 Hz                                                           |
| Standby Power            | 8.8 W                                                                             |

## Data

|                     |                                              |
|---------------------|----------------------------------------------|
| Supported Protocols | DMX512-A (RDM)<br>5 - Pin XLR Input and Thru |
| DMX Modes           |                                              |
| 16-Bit              | 11 Channels                                  |
| 8-Bit               | 8 Channels                                   |

## Noise Level / Fan Control (Base Level 21 dB @ 1 m (3.3 ft))

|                     |                                |
|---------------------|--------------------------------|
| Standard Mode       | 42.6 dB                        |
| Studio Mode         | 37 dB                          |
| Whisper Mode        | 33.2 dB                        |
| Fan Mode            | Continuous (On) / Auto Ramping |
| Fan Level Preset    | Standard, Studio, Whisper      |
| Cooling System Type | Forced Air Cooling             |

## Mounting

|      |                                                                        |
|------|------------------------------------------------------------------------|
| Yoke | Double clutch locking yoke >270° Swivel Yoke M12 (1/2")<br>Centre hole |
|------|------------------------------------------------------------------------|

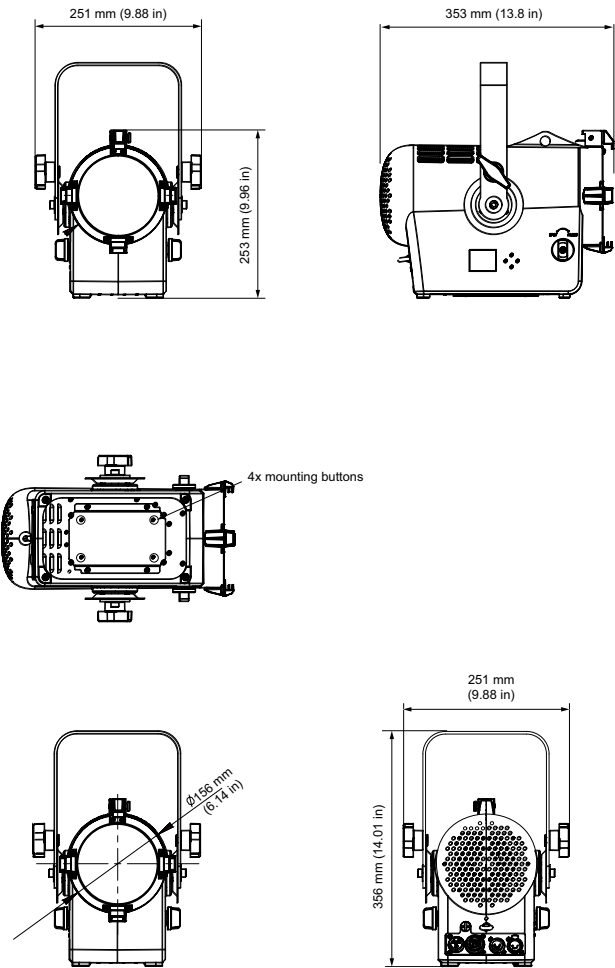
## Certification and Safety

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| Approbations | ETL (UL & CSA)CB/IECEE Scheme for CE-LVD,<br>FCC, ICES, RCM, CE-EMC, UKCA, RoHS, ISO 9001 |
| IP Rating    | IP20                                                                                      |

## Photometrics and IES Files

For IES files and photometric reports, please refer to the product page: [www.strandlighting.com/global/products/acclaim-led-fresnel](http://www.strandlighting.com/global/products/acclaim-led-fresnel)

Dimensions



Physical

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Construction          | Machined aluminum, sheet metal, and molded engineering grade plastic components |
| Standard Finish       | Black, White                                                                    |
| Dimensions            | 190 x 253 x 353 mm (7.5 x 10.0 x 13.8 in)                                       |
| Dimension (w/ yoke)   | 356 x 251 x 353 mm (14.0 x 9.8 x 13.8 in)                                       |
| Fixture Weight        | 5.8 kg (12.8 lb)                                                                |
| Operating Temperature | -10-40°C (14-104°F)                                                             |

# Luminaire and Accessories

| Product type                                                                                               | Order Code |
|------------------------------------------------------------------------------------------------------------|------------|
| ACCLAIM LED FRESNEL, Black                                                                                 | 64511-001  |
| ACCLAIM LED FRESNEL, 150W Multichromatic Light Engine - RGBL, c/w Gel Frame & Power input connector, Black |            |
| ACCLAIM LED FRESNEL, White                                                                                 | 64511-101  |
| ACCLAIM LED FRESNEL, 150W Multichromatic Light Engine - RGBL, c/w Power input connector, White             |            |
| <b>Accessories</b>                                                                                         |            |
| Acclaim LED barndoor (Black)                                                                               | 64511-011  |
| ACCLAIM LED ZOOMSPOT, Accessory Holder, Black                                                              |            |
| Acclaim LED barndoor (White Outer)                                                                         | 64511-110  |
| ACCLAIM LED FRESNEL, Barndoor - 4 Leaf , White Outer                                                       |            |

