

# High Efficiency Economic Backlight

Model#: FR-BL89X155



- Lean Manufacturing Model for Affordable Pricing - under 1" thick
- 1.5 times the measured lumen (light) output of Cold Cathode Fluorescent Backlights
- No warm up time (time to reach full intensity).
- Low Power Consumption; 96% reduction of current consumption over MetaBright™ LED Area Backlights
- Utilizes High Brightness, High Efficiency, flicker-free LEDs
- Patent-pending *Lumiform* technology for uniform illumination (+/-5%).

## Active Area      Dimensions      Specifications:

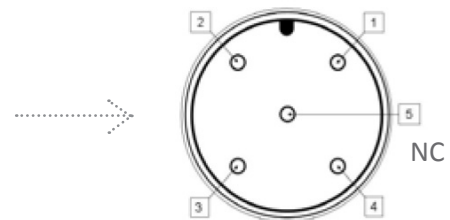
89 x 155 mm      215.4 x 127.0 x 20.1 mm  
6.13 x 3.5 in      8.48 x 5.0 x 0.8 in

Current Consumption      0.12A  
Finish      Black Anodized  
Housing      Alluminum  
Intensity Uniformity      +/-5%  
Weight      8.5lbs  
Operating Temperature      120° F Max  
Illuminance      10,000 Lux  
Compliance      CE/RoHS  
Lifetime Hours      75,000 Hours

| Part #           | Color        |
|------------------|--------------|
| FR-BL89X155-W-24 | White 6000 K |
| FR-BL89X155-R-24 | Red 630nm    |

| Wiring Diagram |          |
|----------------|----------|
| Flying Leads   | Function |
| RED            | +24VDC   |
| BLACK          | Ground   |

| M12 Connector |               |
|---------------|---------------|
| PIN #         | Function      |
| 1             | +24VDC        |
| 3             | Ground        |
| 4             | Signal Ground |



## ORDERING INFORMATION:

• FR - BL 89 X 155 -  - 24 -

**W**  
**R**
White 6000k  
Red 630nm
**\*BLANK**  
**ILD**  
**ILS**
10 ft. Flying Leads  
In Line Dimmer  
In Line Strobe (customer provide trigger info)

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## Drawing/Diagram

