

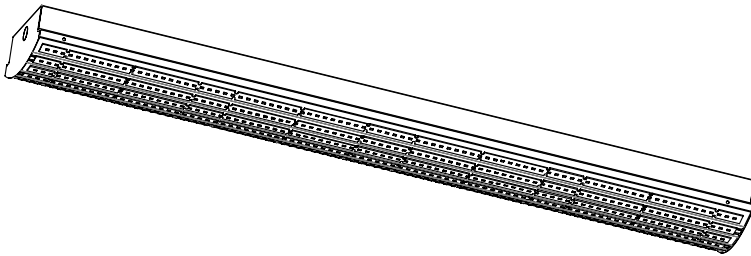
|               |        |      |
|---------------|--------|------|
| MODEL :       |        | TYPE |
| PROJECT :     |        |      |
| PREPARED BY : | DATE : |      |

## SERIES SPECIFICATIONS

The IB series I-Beam LED high bays are ideal for manufacturing, warehousing, commercial and industrial facility lighting applications. The superior design makes it a sturdy, user friendly and easy to install high bay.



## LINE DRAWING



## CONSTRUCTION

### Housing

The body is constructed of 24 gauge, USA made commercial grade steel with a hot dipped galvanized finish (6 mgs on both sides).

### Paint

Paint after fabrication of the galvanized body also means that this fixture is highly resistant to rust over its lifetime.

### Lamp Bars

24 gauge, hot dipped galvanized steel

### Rockwell Hardness Rating

RB 40 to 65

## ELECTRICAL SPECIFICATIONS

### Output Power Max

85W (Per Driver)

### Line Regulation

< 5%

### Load Regulation

< 5%

### Typical Voltage @ 55°C @65mA

44.9 (Per Board)

### Output Current Ripple

<25% of DC value

### Input Voltage

120-277 VAC

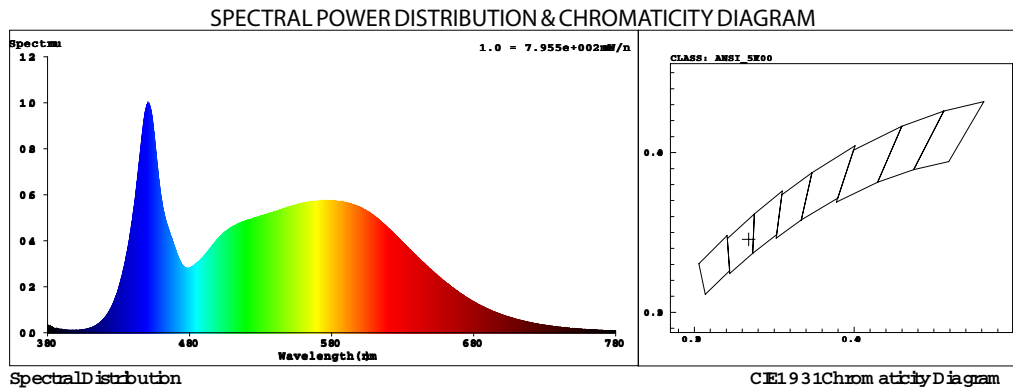
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### ELECTRICAL SPECIFICATIONS CONT.

|                                                                       |                                                 |                                                                                |
|-----------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|
| Frequency<br>50-60Hz                                                  | CRI<br>> 80                                     | Color Temp<br>5000K                                                            |
| Input Current Max<br>.85 @ 120 (Per Driver)<br>.37 @ 277 (Per Driver) | Output Voltage<br>30V-55VDC @ 2.0A (Per Driver) | THD<br><20%                                                                    |
| Input Wattage Max<br>93W (Per Driver)                                 | Max. Output Current<br>2100mA (Per Driver)      | Inrush Current<br>18A Peak @ 120V (Per Driver)<br>32A Peak @ 277V (Per Driver) |
| Power Factor<br>≥ 0.9                                                 | Operating Temp<br>-40°C- +85°C                  | Dimming<br>Low Voltage 0-10V                                                   |

\*Please consult factory for list of approved dimmers

### PERFORMANCE SPECIFICATIONS



### CERTIFICATIONS/WARRANTY

Listing  
UL Listed

Location Rating:  
Suitable for damp locations

Warranty

Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

DLC Listing  
Fixtures are DLC listed and featured on the Qualified Products List (QPL).\*\*

Assembled in USA  
This product has been Assembled in the USA

|               |        |      |
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### PERFORMANCE SPECIFICATIONS

| Target Lumens | Lumens @ 3000K | LPW @ 3000K | Lumens @ 3500K | LPW @ 3500K | Lumens @ 4000K | LPW @ 4000K | Lumens @ 5000K | LPW @ 5000K | Max Wattage | Amps @ 120V | Amps @ 277V |
|---------------|----------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|-------------|-------------|-------------|
| 10000         | 9976           | 122         | 10146          | 124         | 10597          | 131         | 10505          | 130         | 81.45       | 0.68        | 0.29        |

### ORDERING INFORMATION

Part Number: IBLED42-100D1L850

| SERIES | LENGTH   | No. of BOARDS  | TARGET LUMENS & DRIVERS          | COLOR TEMP            |
|--------|----------|----------------|----------------------------------|-----------------------|
| IBLED  | [4] : 4' | [2] : 2 Boards | [100-D1] : 10000 Lumens 1 Driver | [L850] : 80 CRI 5000K |
|        |          |                |                                  | [L840] : 80 CRI 4000K |
|        |          |                |                                  | [L835] : 80 CRI 3500K |
|        |          |                |                                  | [L830] : 80 CRI 3000K |

### Notes

\*\*Not all product variations may meet Design Light Consortium Qualifications. Please verify that the product is listed on the DLC products list at [www.designlightconsortium.org/QPL](http://www.designlightconsortium.org/QPL).