

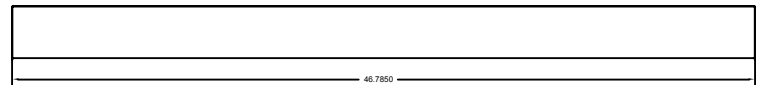
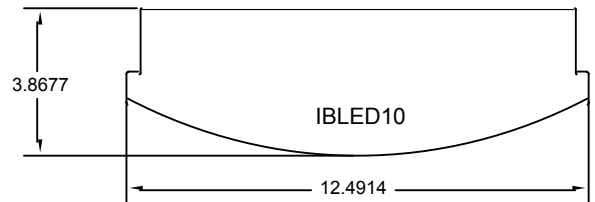
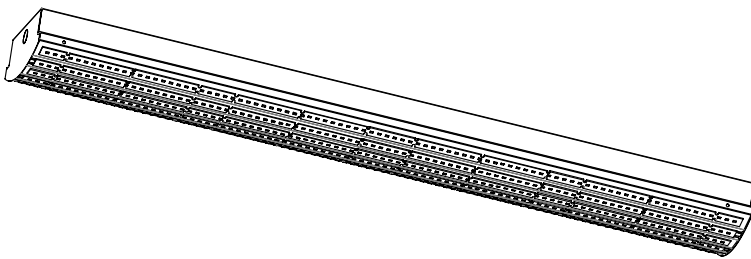
MODEL :		TYPE
PROJECT :		
PREPARED BY :	DATE :	

## 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

80W (Per Driver)

### Line Regulation

±3%

### Load Regulation

±5%

### Typical Voltage @ 55°C @65mA

43.8 (Per Board)

### Module Power Initial @ 65mA

17W (Per Board)

### Output Current Ripple

<10%

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### ELECTRICAL SPECIFICATIONS CONT.

Input Voltage  
120-277 VAC

Efficacy  
106+ LM/W

Color Temp  
5000K

Frequency  
50-60Hz

CRI  
> 80

THD  
<20%

Input Current Max  
.77 @ 120 (Per Driver)  
.33 @ 277 (Per Driver)

Output Voltage  
17V-38V @ 2.1A (Per Driver)  
17V-56V @ 1.4A (Per Driver)

Inrush Current  
18A Peak @ 120V (Per Driver)  
32A Peak @ 277V (Per Driver)

Input Wattage Max  
93W (Per Driver)

Max. Output Current  
2100mA (Per Driver)

Operating Temp  
-40°C- +85°C

Power Factor  
≥ 0.95

Color Consistency  
<3

Lumens  
48838+ LUMENS

Dimming  
Low Voltage 0-10V

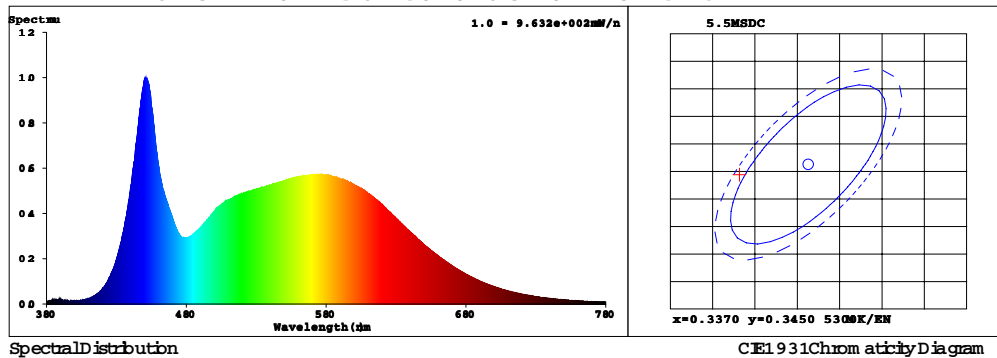
Min Dimming Current  
35mA

L70 Lifespan  
>36000 @ 55°C (Case Temp.)

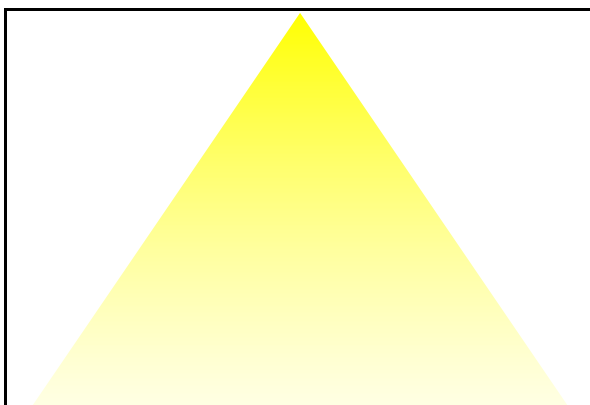
\*Please consult factory for list of approved dimmers

### PERFORMANCE SPECIFICATIONS

SPECTRAL POWER DISTRIBUTION & CHROMATICITY DIAGRAM



CONE OF LIGHT PLOT

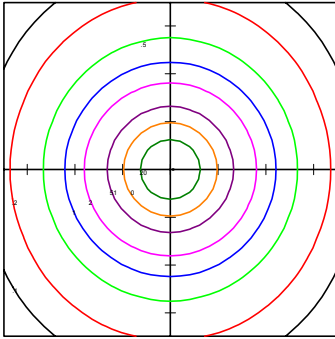


ZONAL LUMEN SUMMARY

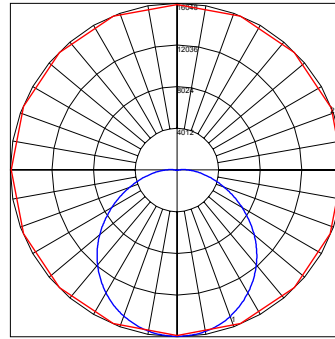
ZONE	LUMEN	LUMINAIRE %
0-30	12527.34	25.70%
0-40	20606.97	42.20%
0-60	36743.99	75.20%
60-80	9739.62	19.90%
0-80	46483.6	95.20%
90-120	653.82	1.30%
0-90	48183.78	98.70%
90-180	653.82	1.30%
0-180	48837.6	100%

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### PHOTOMETRIC ISOLINES



TAMLITE LIGHTING HI-LUX  
 IBLED10-5400D5L850  
 Horizontal Footcandles  
 Scale: 1 Inch = 20 Ft.  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = N.A.  
 Lumens = 48838  
 Mounting Height = 20.00 Ft  
 Arrangement: Single



Polar Graph  
 Maximum Candela = 16047.5  
 Located at Horizontal Angle = 67.5  
 Vertical Angle = .5  
 Vertical Plane Through Horizontal  
 Angles  
 (67.5-247.5)  
 Horizontal Cone Through Vertical  
 Angle  
 (.5)

### 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 of the Qualified  
 Products List (QPL).\*\*

Assembled in USA  
 This product has been Assembled in the USA

### ORDERING INFORMATION

Sample Part Number: IBLED10-54000D5L850

Carton Dimensions: 126.365x41.593x13.97CM  
 49.75x16.375x5.5IN

Pallet Quantity: 30 PCS

IBLED	10-54000D5	L850
SERIES	CONFIGURATION	COLOR TEMP
IBLED	[10-5400D5] : 10 Boards, 54000 board lumens, 5 drivers, 460 watts	[L850] : 80 CRI 5000K
		[L840] : 80 CRI 4000K
		[L835] : 80 CRI 3500K
		[L830] : 80 CRI 3000K

### NOTES

Fixture are not surface mount capable. Consult factory for surface mount bracket options.

\*\*Not all product variations 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).

Photometric Data based on 80 CRI 5000K