



a **LEVITON**  
company

JC71931/30X60

## Toughbay Linear 100W 30° x 60° Beam 1-10V Dimmable



### Features & Benefits

- Ultra efficient up to 140 lumens per circuit Watt
- IP65 protection against dust and moisture
- Multiple lenses available
- 1-10V dimmable as standard
- 30°x60° lens option, suitable for racking applications
- Step dimming available with remote control

### General Information

|                              |                      |
|------------------------------|----------------------|
| <b>Product Group</b>         | LED - Surface        |
| <b>Product Range</b>         | Toughbay™ Linear     |
| <b>Trade Name</b>            | Toughbay             |
| <b>Light Source</b>          | LED                  |
| <b>Light Source Features</b> | Crisp White          |
| <b>Lighting Product Type</b> | Linear Lighting      |
| <b>Product Shape</b>         | Rectangular          |
| <b>Mounting</b>              | Surface Mounted      |
| <b>Product Weight</b>        | 3.2kg                |
| <b>Color Finish</b>          | Black                |
| <b>Overall Dimensions</b>    | 503mm x 125mm x 89mm |

#### JCC Lighting

Innovation Centre, Beeding Close, Southern Cross  
Trading Estate, Bognor Regis, West Sussex, PO22 9TS  
Company Registration Number: 03044848 | VAT Number: 918544112

T: 01243 838999 | F: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

|                                       |   |
|---------------------------------------|---|
| <b>Recommended Product Location</b>   | Warehouse applications  |
| <b>Method Of Fix</b>                  | Suspension eye  |
| <b>IP Rating</b>                      | IP65  |
| <b>Environment</b>                    | Indoor  |
| <b>Suitable For Zones</b>             | Zone 1  |
| <b>Luminaire Accessories</b>          | Suspended chains + hook   |
| <b>Distance From Lighted Object</b>   | 0.3m  |
| <b>Origin Of Manufacture</b>          | Made in China   |
| <b>Warranty</b>                       | 2 years standard warranty extends to 7 years when registered within the first year of purchase (See Website for terms and conditions) |
| <b>Dimming Protocol Compatibility</b> | 1-10V   |
| <b>Driver Manufacturer</b>            | Philips Xitanium  |
| <b>LED Manufacturer/Type</b>          | Philips Lumileds 3030   |

## Electrical

|   |                          |
|---|--------------------------|
| <b>A Cable</b>                          | Yes                      |
| <b>Voltage Rating</b>                   | 220-240                  |
| <b>Secondary Running Current</b>        | 1050mA                   |
| <b>Primary Running Current</b>          | 0.46 - 0.55Amp           |
| <b>Operating Frequency (Hz)</b>         | 50/60Hz                  |
| <b>CC or CV</b>                         | CC                       |
| <b>Luminaire Circuit Wattage</b>        | 100W                     |
| <b>Class</b>                            | Class 1, must be earthed |
| <b>Output Voltage (V)</b>               | 42-95VDC                 |
| <b>Total Harmonic Distortion (THD)%</b> | <10%                     |
| <b>EMC Compliant (EN55015)</b>          | Yes                      |
| <b>Power Factor Correction</b>          | 0.95 @ 230V~             |
| <b>Input Electrical Connections</b>     | Live, Earth, Neutral     |
| <b>Dimmable</b>                         | Yes                      |

## Thermals

|   |               |
|---|---------------|
| <b>Max Luminaire Ambient Temp.</b>      | 45°C          |
| <b>Max Driver/Ballast Ambient Temp.</b> | -30°C to 60°C |

## Performance Data

|  |          |
|--|----------|
| <b>Energy Rating</b>                             | A++      |
| <b>Actual Lumen Output</b>                       | 14000    |
| <b>Lumens Per Circuit Watt</b>                   | 140 LpcW |
| <b>Standard Deviation Colour Matching - SDCM</b> | <6       |
| <b>LED Life (Hours) (L70)</b>                    | 50000    |

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Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.

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|                                     |                 |
|-------------------------------------|-----------------|
| <b>Color Rendering Index</b>        | 50-79           |
| <b>CRI: Ra</b>                      | 70              |
| <b>Correlated Color Temperature</b> | 5700K           |
| <b>Light Distribution Detail</b>    | 30x60-degree    |
| <b>LOR (Light Output Ratio) %</b>   | 100%            |
| <b>Photometry Available</b>         | Yes             |
| <b>Overload Protection</b>          | yes, Auto reset |

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## Construction

|                         |               |
|-------------------------|---------------|
| <b>Primary Material</b> | Aluminum      |
| <b>Lens</b>             | Polycarbonate |
| <b>Heat Sink</b>        | Aluminium     |
| <b>Driver Housing</b>   | Aluminium     |

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## Packaging

|                                    |                  |
|------------------------------------|------------------|
| <b>Luminaire Carton Dimensions</b> | 56 x 18 x 12.6cm |
| <b>Quantity Per Outer Carton</b>   | 1                |
| <b>Bar Code EAN Number</b>         | 5052544081422    |
| <b>Packaged Weight</b>             | 3.6kg            |

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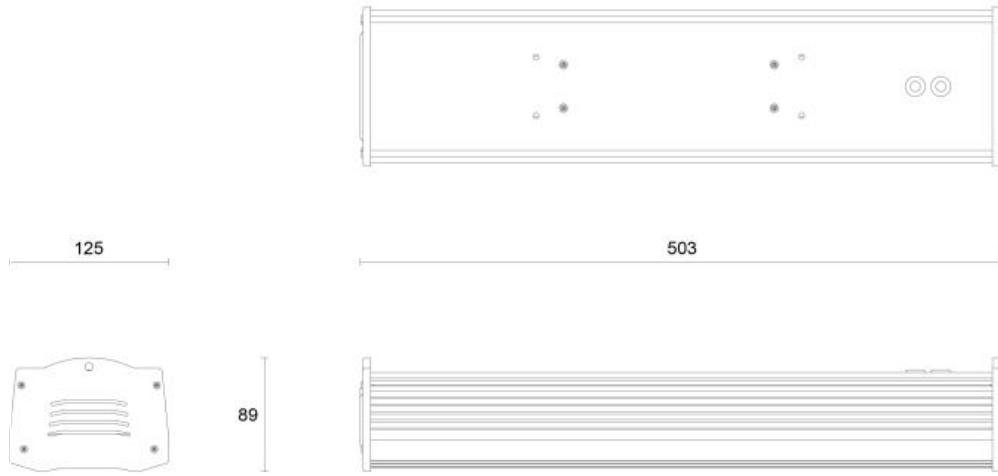
## Standards & Approvals

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Listings</b>                      | CE                               |
| <b>Listings</b>                      | Damp Location                    |
| <b>Listings</b>                      | RoHS                             |
| <b>Listings</b>                      | Wet Location                     |
| <b>Manufactured In Accordance To</b> | EN 60598-1-2015-2-1              |
| <b>CE Marked</b>                     | Yes                              |
| <b>Batch Coded</b>                   | Yes                              |
| <b>WEEE Symbol</b>                   | Yes                              |
| <b>Certificate Of Conformity</b>     | Available on request             |
| <b>Accredited Members</b>            | LIA, ISO9001-2015, ISO14001-2015 |

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