

JC71835/90

Toughbay High Output 200W - Dimmable - 90°-140LPCW - CRI80



Features & Benefits

- Ultra efficient, 140 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour
- Suitable for a wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.341)
- Suitable for relative humidity levels of up to 90%
- 1-10V dimmable as standard

General Information

| | |
|------------------------------|---------------|
| Product Group | Toughbay™ |
| Product Range | Circular |
| Trade Name | Toughbay |
| Light Source | LED |
| Light Source Features | Crisp White |
| Lighting Product Type | Ceiling Mount |
| Product Shape | Round |

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

| | |
|---------------------------------------|---|
| Mounting | Surface Mounted |
| Product Weight | 5.2kg |
| Color Finish | Black |
| Overall Dimensions | Ø321 x 329mm |
| Recommended Product Location | Retail and mezzanine applications |
| Method Of Fix | Suspension eye |
| IP Rating | IP65 |
| Environment | Indoor |
| Suitable For Zones | Zone 1 |
| Origin Of Manufacture | Made in China |
| Guarantee | 7 year warranty(inc 2 year on site) |
| Dimming Protocol Compatibility | 1-10V |
| Mounting Height | 7m for 150-200 lux: Please note this is to be used as a rough guide and does not replace the need for a lighting design |
| Driver Manufacturer | Philips Xitanium |
| LED Manufacturer/Type | Philips Lumileds 3030 |

Electrical

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|---|--------------------------|
| A Cable | Yes |
| Voltage Rating | 220-240 |
| Secondary Running Current | 1.05Amp |
| Primary Running Current | 1.06Amp |
| Operating Frequency (Hz) | 50/60Hz |
| CC or CV | CC |
| Luminaire Circuit Wattage | 200W |
| Class | Class 1, must be earthed |
| Output Voltage (V) | 100-210VDC |
| Total Harmonic Distortion (THD)% | <10% |

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| | |
|-------------------------------------|---|
| Power Factor Correction | 0.95 @ 230V~ |
| Input Electrical Connections | live(brown) neutral(blue) earth(yellow/green) |
| Dimmable | Yes |

Thermals

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| Max Luminaire Ambient Temp. | 50°C |
| Max Driver/Ballast Ambient Temp. | from -30°C to 60°C |
| Thermal Cut Out | Yes(auto restart) |

Performance Data

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| Energy Rating | A+ |
| Actual Lumen Output | 28000 |
| Lumens Per Circuit Watt | 140 LpcW |
| LED Life (Hours) | 54000 |
| Color Rendering Index | 80-89 |
| CRI: Ra | 80 |
| Correlated Color Temperature | 5700K |
| Light Distribution Detail | 90-degree |
| Photometry Available | Yes |

Construction

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| Primary Material | Aluminum |
| Lens | Polycarbonate |
| Heat Sink | Aluminium |
| Driver Housing | Aluminium |

Packaging

| | |
|------------------------------------|-----------------------|
| Luminaire Carton Dimensions | 106.5 x 38.5 x 28.2cm |
| Quantity Per Outer Carton | 1 |

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| | |
|----------------------------|---------------|
| Bar Code EAN Number | 5052544081408 |
|----------------------------|---------------|

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|------------------------|-------|
| Packaged Weight | 4.4kg |
|------------------------|-------|

Standards & Approvals

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| Listings | CE |
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| Manufactured In Accordance To | BS 60598-2-5 |
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| CE Marked | Yes |
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| Batch Coded | Yes |
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| WEEE Symbol | yes |
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| Certificate Of Conformity | Available on request |
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| Accredited Members | LIA, ISO9001-2015, ISO14001-2015 |
|---------------------------|----------------------------------|

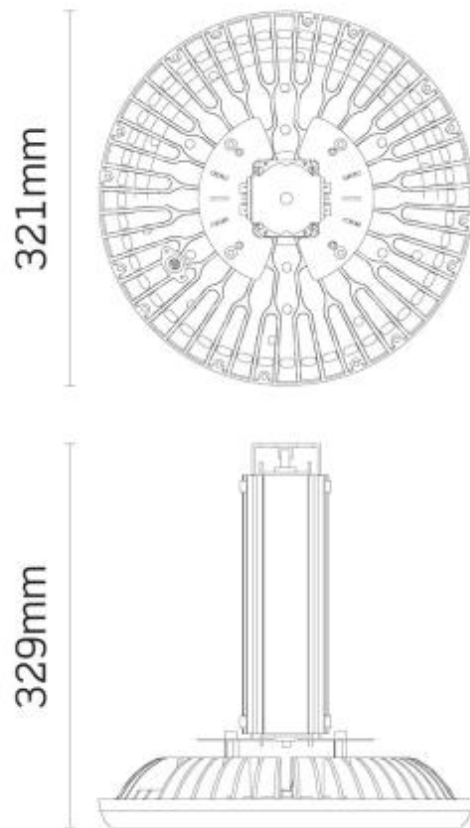
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