

JC71812BLK

**ToughBay Circular 230W 23,700lm 5700K IP65 105° Dimmable
Black inc Hook**



Features & Benefits

5 year extended warranty, including 2 year on-site support

105° beam angle without reflector

Supplied with mounting ring and IP67 connector as standard

60° reflector beam angle option

Suitable for high mounting industrial applications

IP65 - Suitable for areas with high salt/moisture content

1-10V dimmable as standard

General Information

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| Product Group | LED - Surface |
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|----------------------|----------|
| Product Range | Toughbay |
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|-------------------|----------|
| Trade Name | Toughbay |
|-------------------|----------|

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

| | |
|---|---|
| Light Source | LED |
| Light Source Features | Crisp White |
| Lighting Product Type | Ceiling Mount |
| Product Shape | Round |
| Mounting | Surface Mounted |
| Product Weight | 7.4Kg approx |
| Color Finish | Black |
| Recommended Product Location | Medium height mounting industrial applications. Suitable for areas with high salt/moisture content. |
| Method Of Fix | Suspension eye(supplied) Surface bracket(optional) |
| Max Angle Of Tilt & Rotation | 180° with surface bracket only |
| IP Rating | IP65 |
| Environment | Indoor |
| Suitable For Zones | Zone 1 |
| Luminaire Accessories | JC71851 / JC71852BLK / JC71850 / LEV71904 |
| Dimming Protocol Compatibility | 1-10V |
| Driver Manufacturer | Meanwell |
| LED Manufacturer/Type | Nichia 3030 / Nichia |

Electrical

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|----------------------------------|------------------|
| A Cable | Yes |
| Voltage Rating | 100-240 |
| Secondary Running Current | 2.5 to 5 Amps |
| Primary Running Current | 2.0 Amps |
| Operating Frequency (Hz) | 50/60Hz |
| CC or CV | Constant current |

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| | |
|---|---------------------------------------|
| Luminaire Circuit Wattage | 230W |
| Sec - Voltage (V) | 48V DC |
| Class | Class I, requires earth |
| Total Harmonic Distortion (THD)% | 20% |
| EMC Compliant (EN55015) | Yes |
| Power Factor Correction | 0.95 |
| Input Electrical Connections | Live, Earth, Neutral (pre-wired flex) |
| Dimmable | Yes, 1-10V only |

Thermals

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| Max Luminaire Ambient Temp. | 60°C |
| Max Driver/Ballast Ambient Temp. | 80°C |
| Thermal Cut Out | 100°C + 10% |
| Insulation Coverage | Do not cover |
| Minimum Free Air Space | 100mm |

Performance Data

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| Energy Rating | A+ |
| Actual Lumen Output | 23700 |
| Lumen Output | 18001-35000 |
| Lumens Per Circuit Watt | 103 lm/W |
| LED Life (Hours) | 50,000 to L70 |
| Color Rendering Index | 80-89 |
| CRI: Ra | 80 |
| Correlated Color Temperature | 5700K |
| Light Distribution Detail | 105-degree |

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|-----------------------------------|------|
| LOR (Light Output Ratio) % | 100% |
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| Photometry Available | Yes |
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Construction

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| Primary Material | Aluminum |
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| Lens | Polycarbonate |
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| Heat Sink | Cast aluminium |
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| Driver Housing | Aluminium |
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| Rim Or Attachment | Spun aluminium |
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Packaging

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| Luminaire Carton Dimensions | 465mm x 465mm x 200mm |
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| Quantity Per Outer Carton | 1 |
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| Bar Code EAN Number | 5052544046261 |
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| Packaged Weight | 8.2Kg approx |
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Standards & Approvals

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| Listings | CE |
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| Manufactured In Accordance To | BS EN 60598-2-1 |
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| CE Marked | Yes |
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| Batch Coded | Yes |
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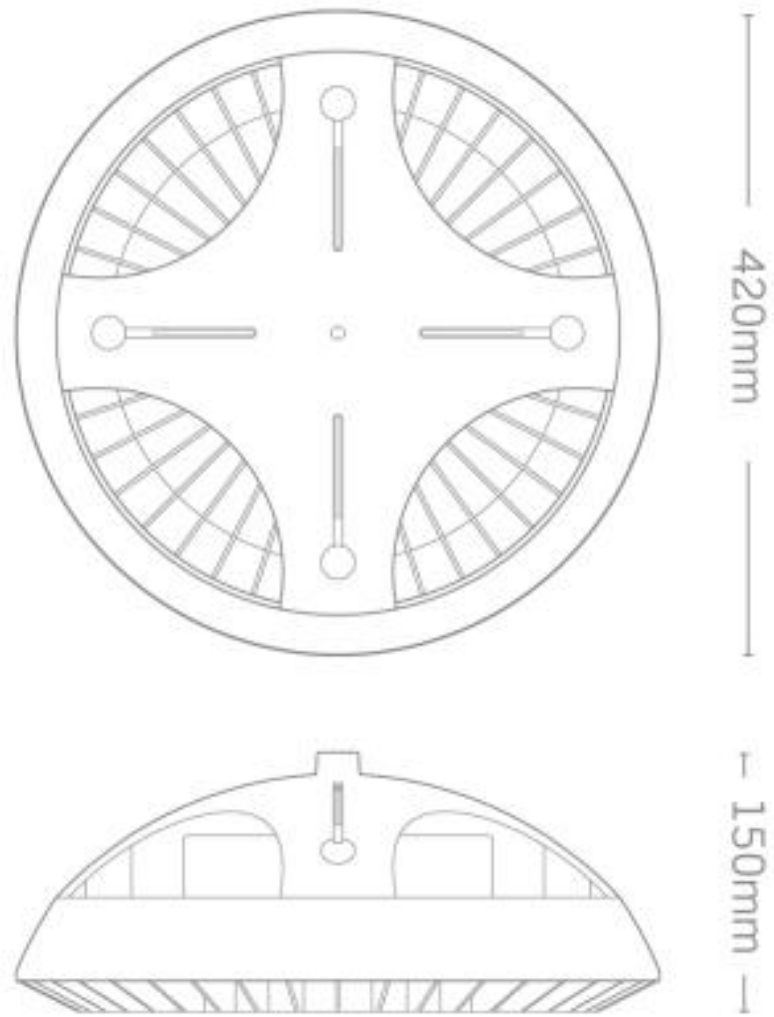
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| Certificate Of Conformity | Yes, available on request |
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| Accredited Members | LIA, ISO9001:2015, ISO14001:2015 |
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