## TOUGHSHELL CIRCULAR HIGH BAY 1PK IP65 19500LM 150W 4000K 60 BEAM 1-10V DIMMABLE INTEGRAL

ILHBC164

The Tough-Shell Circular High Bay is a rugged, attractive and highly efficient solution for lighting large indoor facilities such as warehouses, production facilities and indoor sports halls. Running at an efficacy of 130lm/W, this Tough-Shell provides 19,500lm and thanks to its skilfully engineered aluminium body it effectively dissipates heat while maintaining IK10 impact resistance.

## Details

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|---|---|
| **Quick Order Code:** | 100973 |
| **Barcode:** | 5055788239413 |
| **Category:** | Luminaires |
| **Range Name:** | Tough-Shell |
| **Type:** | Circular |
| **Product Type:** | Circular High Bay |
| **Product Body Finish:** | Matt Black |
| **Market Segment:** | Commercial indoor and outdoor, Industrial indoor and outdoor |
| **Finish:** | Matt Black |
| **Warranty (Years):** | 5 |
| **CE RoHS:** | Yes |

## Physical Data

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|---|---|
| **Product Length (mm):** | 139 |
| **Product Weight (g):** | 5600 |
| **Optic:** | Polycarbonate diffuser |
| **Material:** | Aluminium, Polycarbonate |
| **Construction:** | Aluminium heat-sink, PC injection moulded driver case |
| **Bulb or Luminaire Shape:** | Round |
| **Luminaire Fixing:** | Suspended |
| **Mounting Type:** | Rear Cable Entry |
| **Placement / Application:** | Indoor, Outdoor, General Lighting |
| **Typical Mounting Height:** | 4M+ |

## Electrical Data

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| **Power Consumption (w):** | 150 |

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| **Power Factor:** | 0.95 |
| **Input Voltage (V):** | 220-240 |
| **Dimming:** | Dimmable |
| **Driver Included:** | Yes |
| **Electric Current:** | AC |
| **EN:** | EN-60598, EN61000, EN61547, EN55015, IEC62321 |
| **LVD Certified:** | Yes |

## Light Data

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|---|---|
| **Luminous Flux in Lumens (lm):** | 19500 |
| **Luminous efficacy (lm/W):** | 130 |
| **Correlated Colour Temperature (CCT) (K):** | 4000 |
| **Colour Temperature Name:** | Cool White |
| **Beam Angle:** | 60 |
| **Colour Rendering Index (CRI):** | 70 |
| **Frequency Range (Hz):** | 50/60 |
| **Instant on (Less than 1 second):** | Yes |
| **LED Type:** | Surface mounted device (SMD) |
| **Lifetime (hours):** | 50000 |
| **Switching Cycles:** | 25000 |
| **Useful Lumens (lm):** | 19500 |

## Environment

| | |
|---|---|
| **EN:** | EN-60598, EN61000, EN61547, EN55015, IEC62321 |
| **LVD Certified:** | Yes |
| **CE RoHS:** | Yes |
| **EU Luminaire:** | L |
| **Hg 0% (Mercury Free):** | Yes |
| **IK Rating (Impact Protection):** | IK10 |
| **IP Rating (Ingress Protection):** | IP65 |
| **Lowest Operating Temperature (°C):** | -30 |
| **Maximum Operating Temperature (°C):** | 45 |
| **Metal Halide Equivalent:** | 250 |
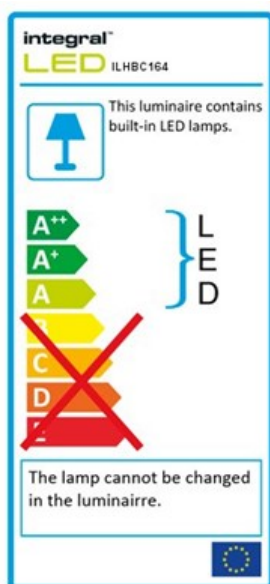
## Packaging

**Package Weight (g):**                  6600
**Package Length (mm):**         445
**Package Width (mm):**          225
**Package Depth (mm):**          445