

## Tough-Shell High Bay 100W 4000K 13000lm 120 deg Beam Angle Dimmable with Integrated Emergency Function

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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 up to 26,000lm and thanks to its skilfully engineered aluminium body it effectively dissipates heat while maintaining IK10 impact resistance.

This emergency model will provide 2600lm for 3 hours in the event of a power cut.

### Product Details

Partcode: ILHBC140E

Check Code: 107271

Range Name: Tough-Shell

Product Type: Circular High Bay

Warranty: 5 Years

CE / RoHS: Yes

### Physical Data

Product Finish: Matt Black

Optic: Polycarbonate diffuser

Material: Aluminium, Polycarbonate

Construction: Aluminium heat-sink, PC injection moulded driver case

**Physical Data**

Length: 139mm  
Width: 360mm  
Depth: 139mm  
Diameter: 360mm  
Weight (Unpackaged Single Unit): 6200g  
Lamp or Luminaire Shape: Round  
Luminaire Fixing: Suspended

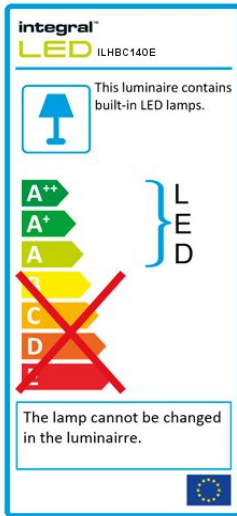
**Electrical Data**

Voltage Range: 100-240V  
Power Consumption: 100.0 Watts  
Driver included: Yes  
Electric Current: AC  
Frequency Range: 50/60 Hz  
Power Factor:  $\geq 0.95$   
Dimming: Dimmable  
LVD Certified: Yes  
EN: EN-60598, EN61000, EN61547, EN55015, IEC62321

**Light Data**

Useful Lumens: 13000lm (Rated luminous flux in a 90° cone)  
Lumens: 13,000lm  
Lumens per Watt: 130.0lm/W  
Beam Angle: 120°  
Correlated Colour Temperature (CCT): 4000k  
Colour Temperature: Cool White  
Colour Rendering Index (CRI):  $\geq 73$   
LED Type: Surface mounted device (SMD)  
Instant on - Less than 1 second: Yes  
Lifetime: 50,000 hrs  
Switching Cycles:  $>25,000$  X

## Environmental



Lowest Operating Temperature: 0 degrees

Maximum Operating Temperature: 45 degrees

IK (Impact Protection) Rating: 8

IP (Ingress Protection) Rating: IP40

Hg 0% (Mercury Free): Yes

## Packaging

EAN Barcode (unit of 1): 5055788246152

Packaged Weight (Unit of 1): 7,800g

Length (unit of 1): 445mm

Width (unit of 1): 225mm

Depth (unit of 1): 445mm

**Outer packaging info available on website**

*Product data last updated on: Monday, June 22, 2020 - 15:14*