

**TOUGH SHELL+ BULKHEAD 308MM DIA IP66 1500LM 15W 4000K IK10 110 BEAM NON-DIMM WHITE 100LM/W INTEGRAL**

ILBHA056



The Integral LED 15W low-energy Tough-Shell+ IP66 Bulkhead has a back-lit LED design that provides a 110 degree beam angle and an even light distribution, available in a black and white finish. This luminaire is suitable for outdoor and indoor installation. Engineered from a super-tough IK10 rated polycarbonate body, it is ideal for external walls in homes, industrial estates and car parks. Indoor uses include walls and ceilings in hallways, stairways and even bathrooms (Zone 1, 2 and 3). This bulkhead delivers 1500 lumens and 4000K white colour temperature. Long life expectancy of 35,000 hours based on normal usage. Each unit is supplied with an easy-to-follow installation guide. This model features side conduit entries and BESA fixing points for added convenience when installing.

**Details**

<b>Quick Order Code:</b>	104790
<b>Barcode:</b>	5055788247449
<b>Category:</b>	Luminaires
<b>Range Name:</b>	Tough-Shell
<b>Product Type:</b>	Bulkheads-Ceiling-Wall Lights
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Indoor and Outdoor Commercial, Industrial, Residential
<b>Features:</b>	Standard
<b>Warranty (Years):</b>	3
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Depth (mm):</b>	100
<b>Product Weight (g):</b>	850
<b>Optic:</b>	Polycarbonate diffuser
<b>Material:</b>	Polycarbonate
<b>Overall diameter (mm):</b>	308
<b>Construction:</b>	Polycarbonate casing and diffuser
<b>Bulb or Luminaire Shape:</b>	Round
<b>Luminaire Fixing:</b>	Ceiling, Wall
<b>Placement / Application:</b>	Indoor, Outdoor, General Lighting
<b>Wiring / Mounting Options:</b>	Side conduit entry and BESA BOX fixing point

**Electrical Data**

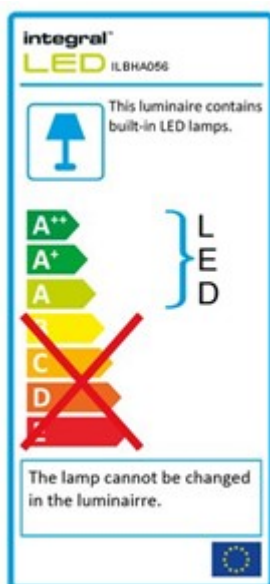
<b>Power (W):</b>	15
<b>Power Consumption (w):</b>	15
<b>Power Factor:</b>	0.9
<b>Amperage (mA):</b>	300
<b>Dimming:</b>	Non-Dimmable
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>Emergency Lumens (lm):</b>	No
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Luminous Flux in Lumens (lm):</b>	1500
<b>Luminous efficacy (lm/W):</b>	100
<b>Correlated Colour Temperature (CCT) (K):</b>	4000
<b>Colour Temperature Name:</b>	Cool White
<b>Beam Angle:</b>	110
<b>Colour Rendering Index (CRI):</b>	80
<b>Instant on (Less than 1 second):</b>	Yes
<b>LED Type:</b>	Surface mounted device (SMD)
<b>Lifetime (hours):</b>	35000
<b>Sensor / Override:</b>	No
<b>Switching Cycles:</b>	17500

## Environment

<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes
<b>CE RoHS:</b>	Yes
<b>Hg 0% (Mercury Free):</b>	Yes
<b>IK Rating (Impact Protection):</b>	IK10
<b>IP Rating (Ingress Protection):</b>	IP66
<b>Lowest Operating Temperature (°C):</b>	-20
<b>Maximum Operating Temperature (°C):</b>	45



[Portal.integral-led.com](http://Portal.integral-led.com)

## Packaging

Product Design And Specification Subject To Change Or Modification Without Notice. Image For Illustration Only. E&OE

<b>Package Weight (g):</b>	1120
<b>Package Length (mm):</b>	314
<b>Package Width (mm):</b>	105
<b>Package Depth (mm):</b>	314
<b>Qty per euro pallet:</b>	20