

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

ILBHA049



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.

**Details**

<b>Quick Order Code:</b>	596524
<b>Barcode:</b>	5055788234425
<b>Category:</b>	Luminaires
<b>Range Name:</b>	Tough-Shell
<b>Product Type:</b>	Bulkheads-Ceiling-Wall Lights
<b>Product Body Finish:</b>	Matt Black
<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>	88
<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 and rear cable entries

**Electrical Data**

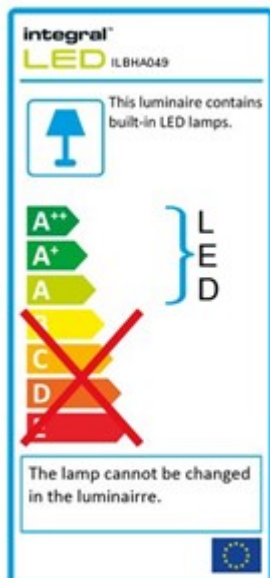
	15
Power (W):	15
Power Consumption (w):	0.9
Power Factor:	300
Amperage (mA):	Non-Dimmable
Dimming:	Yes
Driver Included:	AC
Electric Current:	No
Emergency Lumens (lm):	EN-60598
EN:	Yes
LVD Certified:	

### Light Data

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

### Environment

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



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

## Packaging

Package Weight (g):	1190
Package Length (mm):	311
Package Width (mm):	92
Package Depth (mm):	311
Qty per euro pallet:	20