GE Lighting
DATA SHEET

LED Integrated Bulkhead

Product information
A simple and elegant light fitting, designed with Integrated LED Light Module and dedicated optic, both for interior and exterior applications. The Integrated Bulkhead range offers a comprehensive choice of versions including two sizes, opal diffuser and optional sensor function. It is a wall and ceiling LED luminaire that can be utilised in versatile application ranges including damp environments, entrance halls, receptions, stairwells, corridors, circulation routes, rest areas and outside walls of buildings.

Features
• High protection rating (IP65) and high impact resistance (IK10) make integrated LED bulkhead the ideal solution in challenging ambient conditions
• 3 colour temperatures: 3000, 4000 and 6500K
• Wide beam angle of 125 degree
• 50 000 hours lifetime (L70B50)
• Available in 2 size: 250mm and 300mm
• Suitable for operation in ambient temperature of -30°C to +40°C
• Future-proof, upgradeable design
• Static built-in driver
• High efficiency up to 95 lm/W
• PF >0,9
• THD < 30%
• Operating frequency: 50-60Hz
• Nominal Voltage: 220-240V
• Insulation Class II
• Available with integrated motion and daylight sensor, sensor is adjustable for hold time (5s – 15mins), detection area (10 - 100%) and daylight sensing (disable – 50lux)– see details on adjustment option in the install guide
• Option to group fixtures for on/off control – see details in the install guide

Benefits
• Energy savings of up to 40% (compared to luminaires that use 2D fluorescent lamps)
• Integrated light module with optic
• Uniform light
• Fast, simple and easy installation options
• Lasts ~4x longer than typical CFL bulkhead fixture

Structures and materials
Body / Diffuser / Bezel: impact resistant, self-extinguishing, UV stabilized polycarbonate
Body color: white

Optical and LED specification
• L70B50 50,000 hours
• Min 80 CRI
• No-flickering integrated driver
• Opal diffuser options

Application areas
General lighting, Retail, Office, Education, Outdoor
### Specifications

**Input Voltage [V]**  
220-240

**Input Frequency [Hz]**  
50/60

**Control**  
Static, built-in driver

**Operating Temperature Range**  
-30°C to +40°C

**IP Rating**  
IP65

**IK Rating**  
IK10

**Lumen Maintenance**  
L70B50 50,000 hours

**Power Factor**  
>0.9

### Dimensions (mm)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Wattage (W)</th>
<th>Lumen (lm)</th>
<th>Efficiency (lm/W)</th>
<th>CCT (K)</th>
<th>CRI</th>
<th>Current (mA)</th>
<th>Dimension (mm)</th>
<th>Replacement for CFL 2D</th>
<th>Weight (kg)</th>
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**Regulatory and standards**

**Regulatory mark:** CE  

**Harmonized standards:** EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

*not on DOC

**Photometric data**

Photometry is based on LM79

**Order logic**

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<tr>
<th>Internal Code</th>
<th>Diameter</th>
<th>System Wattage</th>
<th>CCT</th>
<th>Voltage</th>
<th>Driver</th>
<th>Emergency option</th>
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<td>BHT = BulkHead</td>
<td>D30 = 300mm</td>
<td>09 = 9W</td>
<td>30 = 3000K</td>
<td>7 = 220-240V</td>
<td>S = Static</td>
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Example: BHTD25-09307S-NNN

*www.gelighting.com*