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ABTECH Lighting Solutions

# BULKHEAD

**DATASHEET** Luna

**Bulkhead** LED



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## Luna



### Description

Luna is ABTech's round surface- or suspended-mounted LED bulkhead for wet, dusty and high-traffic areas – IP65 and IK10 in an impact-resistant opal polycarbonate diffuser with a PC housing. A single  $\phi 316$  mm luminaire covers three power levels (18 / 14 / 9 W) and three colour temperatures (6000 / 4000 / 3000 K), both switchable on the unit, at 100 lm/W. It comes with an integrated Dacang On/Off sensor as standard, side-release diffuser buttons for quick install, and a 5-year warranty. Ideal for garages, corridors, factories and workshops.

### APPLICATIONS

- Garages and car parks
- Corridors and circulation areas
- Factories and workshops
- Wet, dusty and high-traffic areas indoors and out.

### Key Feature

- **IP65 ingress protection**  
IK10 impact resistance
- **Power selectable** on the unit: 9 W / 14 W / 18 W
- **3CCT switch:**  
3000 K / 4000 K (default) / 6000 K
- **100 lm/W** up to 1800 lm at 18 W • 120° beam
- **Built-in Dacang On/Off sensor**  
standard on every unit
- **Impact-resistant opal PC diffuser**  
with side-release buttons for quick installation
- **Surface-mounted** or suspended
- **One body size ( $\phi 83 \times 316$  mm)**  
2 SKUs cover the whole range
- **Lifetime 50,000 h** 5-year warranty

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### TECHNICAL SPECIFICATIONS

#### Product Table

| Code                 | Bezel | Body size    |
|----------------------|-------|--------------|
| AB-BLK-LUNA-D316-WHT | White | Φ316 x 83 mm |
| AB-BLK-LUNA-D316-BK  | Black | ϕ316 x 83 mm |

#### Common Specifications

| Field                 | Value                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------|
| Input voltage         | AC 220-240 V, 50/60 Hz                                                                       |
| Power (selectable)    | 9/14 /18 W                                                                                   |
| CCT (3CCT switch)     | 3000 K / 4000 K (default) / 6000 K                                                           |
| Efficacy              | 100 lm/W                                                                                     |
| Beam angle            | 120°                                                                                         |
| CRI                   | Ra > 80                                                                                      |
| SDCM                  | <6                                                                                           |
| Power factor          | PF>0.5                                                                                       |
| Ingress protection    | IP65                                                                                         |
| Impact resistance     | IK10                                                                                         |
| Body size             | ϕ316 x 83 mm                                                                                 |
| LED                   | BMTC . SMD 2835                                                                              |
| Diffuser              | Impact-resistant opal polycarbonate, side-release buttons                                    |
| Housing / material    | White . PC cover + PC body                                                                   |
| Bezel colour          | White / Black                                                                                |
| Glow-wire temperature | 850 C                                                                                        |
| Operating temperature | -10 to 45 °C                                                                                 |
| Driver                | Keyring Star - non-isolated                                                                  |
| Sensor                | Built-in Dacang On/Off sensor (standard)                                                     |
| Mounting              | Surface-mounted or suspended                                                                 |
| Lifetime              | 50,000 h                                                                                     |
| Warranty              | 5 years                                                                                      |
| Certification         | RoHS . CE                                                                                    |
| Packing               | 10 pcs/CTN (inner box 355 x 87 x 356 mm . master 465 x 374 x 373 mm . net 7 kg / gross 9 kg) |

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Selectable output (one unit, switch-set)

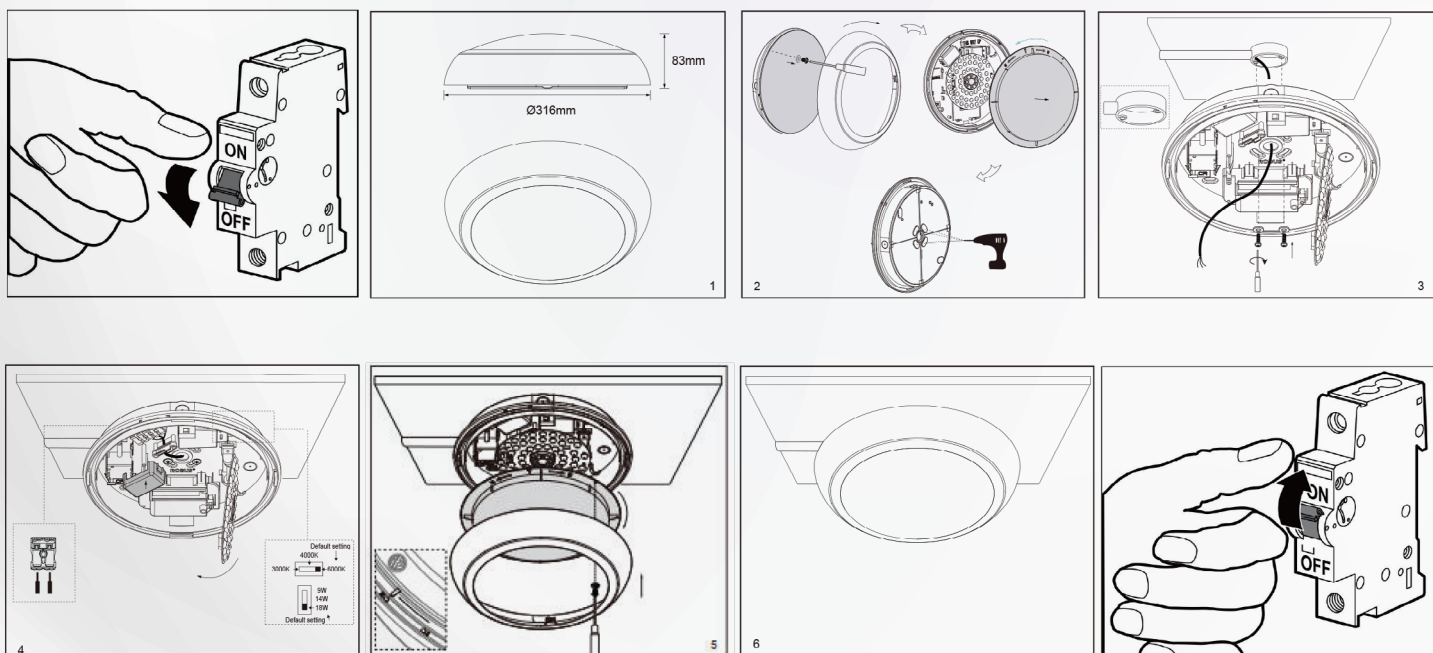
Power (selectable)      Luminous flux  
(calculated @ 100 lm/W)

9 W                      900 lm

14 W                    1400 lm

18 W                    1800 lm

### INSTALLATION



- **Surface-mounted or suspended** — ceiling or wall.
- **Side-release diffuser buttons** open the opal diffuser for quick installation — no tools on the diffuser.
- **Power selection (9 / 14 / 18 W) and CCT selection (3000 / 4000 / 6000 K) are made on the unit** at installation; 4000 K is the factory default.
- The **Dacang On/Off sensor is built in as standard** — no separate module to order.
- IP65 and IK10 rated — suitable for wet, dusty and high-traffic locations. Operating -10 to 45 °C.
- Connect to AC 220–240 V, 50/60 Hz.



D'AURORA  
BOREALE

