

Allied Export

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LED 12W POLO BULKHEAD



The LED 12W POLO Bulkhead is a modern low-cost and energy efficient fitting ideal for domestic and utility applications.

Applications:

- Educational providers • Factories • Hospitality



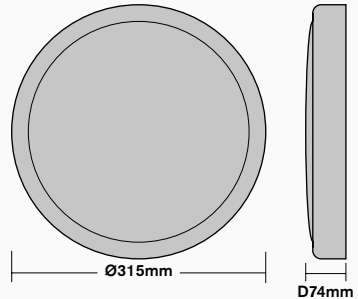
Specification

LED:	56pcs of 2835 SMD LED
Material:	Polycarbonate body and diffuser
Colour Temperature:	4000K
Guarantee:	3 Years
Life Expectancy:	25,000 Hours
Working Temperature:	-20°C - 40°C
Beam Angle:	120°
CRI:	>82 Ra

Additional Information

- No emergency version is available for this product

Dimensions



Code	Wattage	Lumen Output	Dimensions (Ø x D mm)
POL12LED	12W	1100lm	315 x 75mm

LED 14W POLO SLIMLINE BULKHEAD



The LED 14W POLO Bulkhead includes microwave sensor and corridor function options for maximum energy efficiency.

Applications:

- Educational providers • Factories • Hospitality



Image shown POL14LED

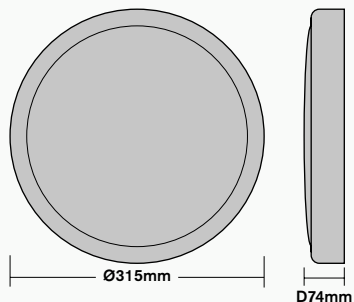
Specification

LED:	64pcs of SMD 2835 LED
Material:	Polycarbonate body and diffuser
Colour Temperature:	4000K
Lumen Output:	1150lm
Guarantee:	3 Years
Life Expectancy:	30,000 Hours
Working Temperature:	-15°C - 50°C
Beam Angle:	120°
CRI:	>82 Ra

Additional Information

- Please note a small amount of light is projected backwards for aesthetic purposes; this creates a halo effect on the mounting surface.

Dimensions



Code	Description	Emergency	Microwave Sensor	Corridor Function	Dimensions (Ø x D mm)
POL14LED	14W LED POLO Bulkhead	No	No	No	315 x 74
POL14LEDE	14W LED POLO Bulkhead	Yes	No	No	315 x 74
POL14LEDMS	14W LED POLO Bulkhead	No	Yes	No	315 x 74
POL14LEDEMS	14W LED POLO Bulkhead	Yes	Yes	No	315 x 74
POL14LEDMSCF	14W LED POLO Bulkhead	No	Yes	Yes	315 x 74
POL14LEDEMSCF	14W LED POLO Bulkhead	Yes	Yes	Yes	315 x 74
POL14CT	Chrome Trim	No	No	No	315 x 74

LED 15W POLO BULKHEADS



The LED 15W POLO Bulkhead includes microwave sensor and corridor function options for maximum energy efficiency.

Applications:

- Educational providers • Factories • Hospitality



Image shown POL15LED

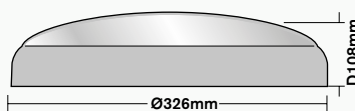
Specification

LED:	66pcs of SMD 2835
Material:	Polycarbonate body and diffuser
Colour Temperature:	4000K
Guarantee:	3 Years
Life Expectancy:	30,000 Hours
Working Temperature:	0°C - 50°C
CRI:	82 Ra

Additional Information

- Corridor Function:
- When the sensor detects movement, the light will operate at 100%.
- When the sensor stops detecting any movement, it will dim down to 10% of the normal output.
- The corridor function will not work whilst in emergency mode.

Dimensions



Code	Description	Emergency	Microwave Sensor	Corridor Function	Lumen Output	Dimensions (Ø x D mm)
POL15LED	LED 15W POLO Bulkhead	No	No	No	1100lm	326 x 108
POL15LEDE	LED 15W POLO Bulkhead	Yes	No	No	1100 / 90lm	326 x 108
POL15LEDMS	LED 15W POLO Bulkhead	No	Yes	No	1100 / 118lm	326 x 108
POL15LEDEMS	LED 15W POLO Bulkhead	Yes	Yes	No	1100 / 90 / 118lm	326 x 108
POL15LEDMSCF	LED 15W POLO Bulkhead	No	No	Yes	1100 / 118lm	326 x 108
POL15LEDEMCSF	LED 15W POLO Bulkhead	Yes	Yes	Yes	1100 / 90 / 118lm	326 x 108
POL15CT	Chrome Trim	-	-	-	-	-

LED WILSON BULKHEADS



The LED 22W Wilson Bulkheads have microwave sensor, emergency and corridor function options which save energy whilst maintaining safety and security.

Applications

• Commercial Kitchens • Leisure Centres • Meeting Rooms

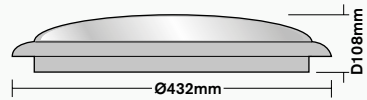


Image shown WIL22LED

Specification

LED:	264 SMD
Material:	Polycarbonate diffuser and powder coated steel base
Colour Temperature:	4000K
Lumen Output:	1650 - 1700lm
Guarantee:	2 Years
Life Expectancy:	20,000 Hours
Working Temperature:	-15°C - 55°C
CRI:	82 Ra

Dimensions



Code	Emergency	Microwave Sensor	Corridor Function	Colour	Lumen Output	Dimensions (Ø x D mm)
WIL22LED	No	No	No	White	1650-1700lm	432 x 108
WIL22LEDCE	No	No	No	Chrome	1650-1700lm	432 x 108
WIL22LEDE	Yes	No	No	White	1650-1700lm	432 x 108
WIL22LEDCE	Yes	No	No	Chrome	1650-1700lm	432 x 108
WIL22LEDMS	No	Yes	No	White	1650-1700lm	432 x 108
WIL22LEDCEMS	No	Yes	No	Chrome	1650-1700lm	432 x 108
WIL22LEDEMS	Yes	Yes	No	White	1650-1700lm	432 x 108
WIL22LEDCEMS	Yes	Yes	No	Chrome	1650-1700lm	432 x 108
WIL22LEDMSCF	No	Yes	Yes	White	1680 / 180lm	432 x 108
WIL22LEDEMFCF	Yes	Yes	Yes	White	1680 / 122 / 180lm	432 x 108

LED DIECAST BULKHEADS

The LED 18W Diecast Bulkheads are a versatile range, suitable for use where robust lighting is required in areas where there is high footfall, for example corridors. They are available with emergency and photocell options.

Applications

• Education Providers • Hospitals • Residential



Image shown DBR18

Specification

LED: 96pcs of 0.2W 2835 San'an Hongli LED

Material: Diecast aluminium body and polycarbonate diffuser

Colour Temperature: 4000K

Guarantee: 3 Years

Life Expectancy: 30,000 Hours

Working Temperature: -20°C - 50°C

Power Factor: >0.93

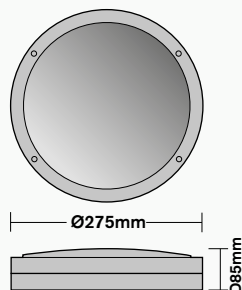
Beam Angle: 120°

CRI: >80 Ra

Additional Information

• Black finish

Dimensions



Code	Lumen Output	Emergency	Photocell	Dimensions (Ø x D mm)
DBR18	1400lm	No	No	275 x 85
DBR18E	1400/ 220lm	Yes	No	275 x 85
DBR18PC	1400lm	No	Yes	275 x 85
DBR18EPC	1400/ 220lm	Yes	Yes	275 x 85

LED DIECAST EYELID BULKHEADS



The LED 18W Diecast Bulkheads are a versatile range, suitable for use where robust lighting is required in areas where there is high footfall, for example corridors. They are available with emergency and photocell options. The eyelid fascia reduces upward glare.

Applications:

• Educational providers • Hospitality • Residential



Image shown DBRE18

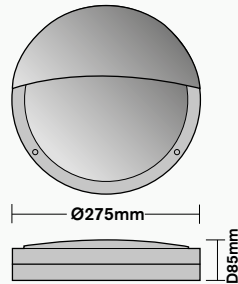
Specification

LED:	36pcs of 0.5W 2835 San'an Hongli LED
Material:	Diecast aluminium body and polycarbonate diffuser.
Colour Temperature:	4000K
Guarantee:	3 Years
Life Expectancy:	30,000 Hours
Working Temperature:	-20°C - 50°C
Power Factor:	>0.93
Beam Angle:	120°
CRI:	>80Ra

Additional Information

• Black finish

Dimensions



Code	Lumen Output	Emergency	Photocell	Dimensions (Ø x D mm)
DBRE18	1400lm	No	No	275 x 85
DBRE18E	1400/ 220lm	Yes	No	275 x 85
DBRE18EPC	1400/ 220lm	Yes	Yes	275 x 85
DBRE18PC	1400lm	No	Yes	275 x 85

LED BULKHEADS



The LED Bulkheads are available with clear prismatic, red prismatic and opal diffusers. Suitable for use in 110V or 240V applications. Ideal for use on construction site hoardings.

Applications

- Multi-Storey Carparks • Commercial Sites • Factories



Image shown LF12LEDBC

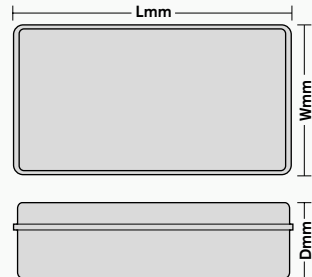
Specification

LED:	SMD 2835 0.2W/pcs
Material:	Polycarbonate
Colour Temperature:	6000K (only applicable to LF12LEDBC)
Guarantee:	2 Years
Life Expectancy:	30,000 Hours
Working Temperature:	-20°C - 50°C

Additional Information

- Black finish
- Clear / Red / Opal diffuser options

Dimensions



Code	Diffuser	Lumen Output	Colour Temperature	IP Rating	Dimensions (L x W x D mm)
LF12LEDBC	Clear	720lm	6000K	IP65	240 x 120 x 114
LF12LEDBO	Opal	550lm	-	IP44	245 x 125 x 115
LF12LEDBR	Red	720lm	-	IP65	240 x 120 x 114

LED BULKHEAD WITH PHOTOCELL SENSOR

The LED Bulkhead with Photozell Sensor is designed to provide security lighting for many applications, including amenity, domestic and education facilities.

Applications

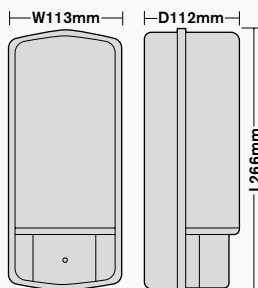
• Multi-Storey Carparks • Commercial Sites • Factories



Specification

LED:	LG 5630 LED
Material:	Polycarbonate
Guarantee:	2 Years
Life Expectancy:	20,000 Hours
Working Temperature:	-5°C - 45°C

Dimensions



Code	Wattage	Lumen Output	Dimensions (L x W x D mm)
LF13LEDPC	12 x 0.5W	428lm	266 x 113 x 112

LED BULKHEAD WITH PIR SENSOR

The LED Bulkhead with PIR Sensor is designed to provide security lighting for many applications, including amenity, domestic and education facilities.

Applications

• Multi-Storey Carparks • Commercial Sites • Factories



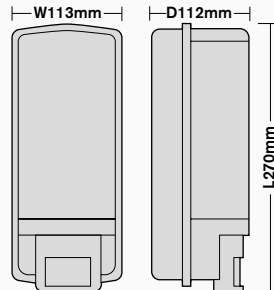
Specification

LED:	LG 5630 LED
Material:	Polycarbonate
Colour Temperature:	6500K
Guarantee:	2 Years
Life Expectancy:	20,000 Hours
Working Temperature:	-5°C - 45°C
Beam Angle:	120°
CRI:	80 Ra

Additional Information

- 10±5 Seconds to 4±1 minutes adjustable duration time.
- 110° Detection angle over a maximum 12m area.
- Lux control for maximum energy saving.

Dimensions



Code	Wattage	Lumen Output	Dimensions (L x W x D mm)
LF13LEDPIR	12 x 0.5w	428lm	270 x 113 x 112

LED 8W CIRCULAR TRAYS

The E8LED range of LED Trays are designed to provide an energy saving alternative to 16W 2D Lamps. They can be used with our empty body bulkheads, or may be retrofitted into existing 2D bodies.

Applications

• Factories • Warehouses • Hospitality



Image shown E8LED

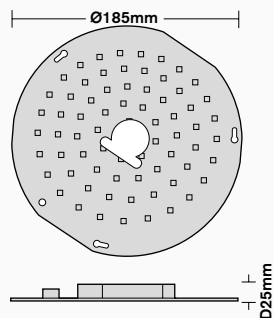
Specification

LED:	48pcs of 2835
Material:	Aluminium
Colour Temperature:	3500K
Guarantee:	5 Years
Life Expectancy:	25,000 Hours
Working Temp.:	-15°C - 55°C / 5°C - 55°C
Power Factor:	0.9
Beam Angle:	120°
CRI:	83 Ra

Additional Information

- Compatible with POLO Bulkhead (POLB) and empty body DISCUS Bulkhead (DDWHLT)
- Suitable for retrofitting into existing bodies (bypass ballast)
- Self-heat dissipation design (no extra heat sink required)
- Complete with constant current LED driver, complete with three/ four way push terminal

Dimensions



Code	Wattage	Lumen Output	Emergency	Dimensions (Ø x D mm)
E8LED	6.9W	973lm	No	185 x 25
E8LEDEM	8.4W	957/209lm	Yes	185 x 25

LED 9W, 12W & 18W TRAYS

The LED Trays have an Epistar LED chip and provide a retrofit replacement for traditional 2D lamps.

Applications

- Factories • Warehouses • Hospitality



Image shown E12WLED

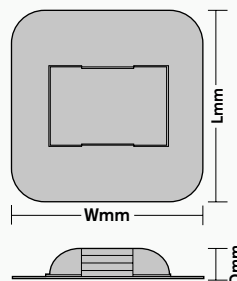
Specification

LED:	120-240pcs of SMD Epistar 3528
Material:	Aluminium PCB
Colour Temperature:	4000K
Guarantee:	2 Years
Life Expectancy:	30,000 Hours
Working Temperature:	-25°C - 45°C

Additional Information

- Standard GR8/10-Q, 4 pin base and standard shape for direct replacement of fluorescent 2D lamps.
- Integral control gear is included; existing control gear must be removed or bypassed.
- Convert 12W and 18W trays to emergency with simple plug-in module (E18WEM), suitable for E18WLED & E12WLED.

Dimensions



Code	Wattage	Lumen Output	Dimensions (L x W x D mm)
E9WLED	9W	935lm	146 x 146 x 32
E12WLED	12W	1610lm	193 x 193 x 36
E18WLED	18W	2000lm	193 x 193 x 36
E18WEM	18W Emergency Module	-	120 x 80 x 24

LED 15W CIRCULAR TRAYS

The E15LED range of LED Trays are designed to fit our range of DISCUS and POLO bulkheads.

Applications

- Factories • Warehouses • Hospitality

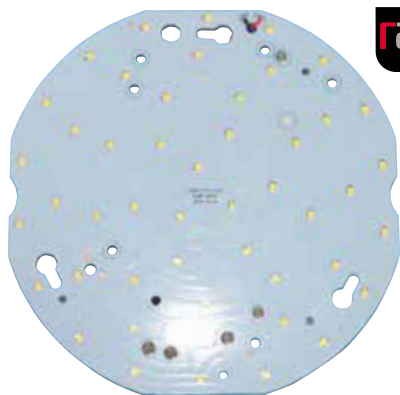


Image shown E15LED-60

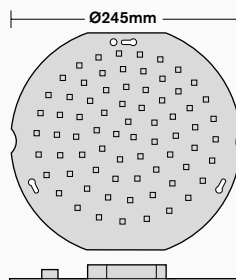
Specification

LED:	64pcs of 2835
Material:	Aluminium
Guarantee:	5 Years
Life Expectancy:	25,000 Hours
Working Temperature:	-15°C - 55°C / 5°C - 55°C
Power Factor:	0.7-0.9
Beam Angle:	120°
CRI:	83 Ra

Additional Information

- 92-115lm/W
- 3.6V Ni-Cd Battery included with emergency versions.
- Sharkward microwave sensor included with microwave sensor versions.

Dimensions



Code	Wattage	Lumen Output	Colour Temperature	Emergency	Microwave Sensor	Dimensions (Ø x D mm)
E15LED	14.2W	1798lm	3500K	No	No	245 x 25
E15LED-60	14.2W	1729lm	6000K	No	No	245 x 30
E15LEDEM	15.1W	1738lm	3500K	Yes	No	245 x 30
E15LEDEM-60	15.1W	1729lm	6000K	Yes	No	245 x 30
E15LEDMS	15.1W	1810lm	3500K	No	Yes	245 x 28
E15LEDEMMS	16.6W	1760lm	3500K	Yes	Yes	245 x 30

LED 15W SQUARE TRAYS

The E15LED range of LED Trays are designed to fit our range of square DISCUS bulkheads.

Applications

- Factories • Warehouses • Hospitality



Image shown E15LEDS

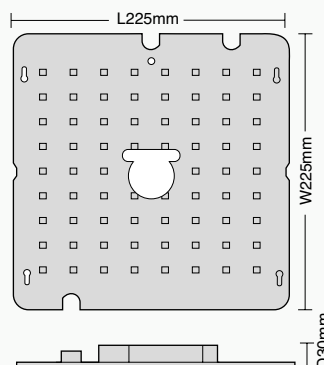
Specification

LED:	64pcs of 2835 SMD
Material:	Aluminium
Colour Temperature:	3500K
Guarantee:	5 Years
Life Expectancy:	25,000 Hours
Working Temperature:	-15°C - 55°C / 5°C - 55°C
Power Factor:	0.7-0.9
Beam Angle:	120°
CRI:	83Ra

Additional Information

- Self-heat dissipation design (no extra heat sink required)
- Complete with constant current LED driver, complete with three / four way push terminal.
- Suitable for replacing gear tray of various 2D 28W square bulkhead fittings.

Dimensions



Code	Wattage	Lumen Output	Emergency	Microwave Sensor	Dimensions (L x W x D mm)
E15LEDS	14.2W	1773lm	No	No	225 x 225 x 25
E15LEDSEM	15.1W	1707/1871lm	Yes	No	225 x 225 x 30
E15LEDSMS	15.1W	1760lm	No	Yes	225 x 225 x 28
E15LEDSEMMS	16.6W	1760/1871lm	Yes	Yes	225 x 225 x 30

CIRCULAR EMERGENCY GEAR TRAY



The E28KIT-1 is the emergency gear tray for our circular DISCUS and POLB bulkheads. The three hour maintained gear tray is supplied fully wired with a nickel-cadmium battery and high frequency ballast.

Applications

• Factories • Warehouses • Hospitality



Image shown E28KIT-1

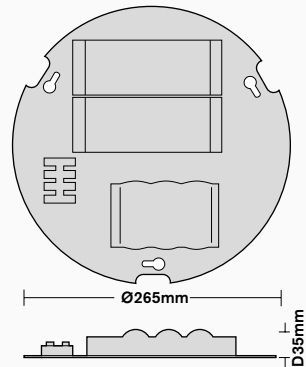
Specification

Material:	Metal
Guarantee:	1 Year
Working Temperature:	0°C - 40°C

Additional Information

- 3 Hours emergency duration.
- Class I must be earthed.
- Maintained – can be converted to non-maintained by removing switch live link.
- Ni-Cd 3.6V 4.5Ah Battery included.
- This product is not suitable for continuous 24 hour operation when installed in an IP65 or higher than IP65 rated enclosure.
- Non-dimmable, LED indicator included.
- High frequency ballast included

Dimensions



Code	Wattage	Dimensions (Ø x D mm)
E28KIT-1	28W	265 x 35

SQUARE EMERGENCY GEAR TRAY

The E28KITA-1 is the emergency gear tray for our Square DISCUS Bulkheads. The three hour maintained gear tray is supplied fully wired with a nickel-cadmium battery and high frequency ballast.

Applications

• Factories • Warehouses • Hospitality



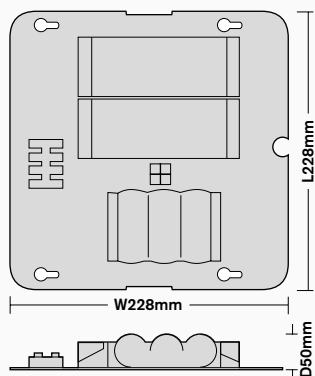
Specification

Material:	Metal
Guarantee:	1 Year
Working Temperature:	0°C - 40°C

Additional Information

- 3 Hours emergency duration.
- Class I must be earthed.
- High frequency ballast included.
- Maintained – can be converted to non-maintained by removing the switch live link.
- Ni-Cd 3.6V 4.5Ah Battery included.

Dimensions



Code	Wattage	Dimensions (L x W x D mm)
E28KITA-1	28W	228 x 228 x 50

EMPTY BODY CIRCULAR DISCUS BULKHEAD WITH HLT DIFFUSER



The selection of Empty Body Circular DISCUS Bulkheads with HLT diffusers are suitable for the range of E15LED gear trays.

Applications

- Multi-Storey Carparks • Commercial Sites • Leisure Centres



Image shown D3WHLT

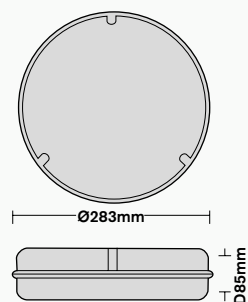
Specification

Lamp:	Recommended for 15W LED
Material:	Polycarbonate and high light transmittance PC diffuser
Guarantee:	1 Year
Working Temperature:	-20°C - 50°C

Additional Information

- High light transmittance PC diffuser included.
- Suitable for E28KIT-1 and E15LED range of gear trays.

Dimensions



Code	Colour	Dimensions (Ø x D mm)
D3BHLT	Black	283 x 85
D3WHLT	White	283 x 85

EMPTY BODY SQUARE DISCUS BULKHEAD WITH HLT DIFFUSER



The selection of Empty Body Square DISCUS Bulkheads with high light transmittance diffusers are suitable for our E15LED range of square gear trays.

Applications

• Multi-Storey Carparks • Commercial Sites • Leisure Centres



Image shown D3SBHLT

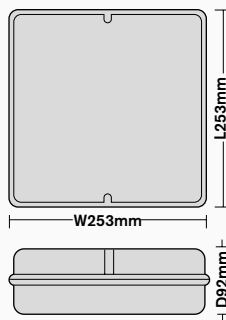
Specification

Lamp:	Recommended for 15W LED
Material:	Polycarbonate and high light transmittance PC diffuser
Guarantee:	1 Year
Working Temp:	-20°C - 50°C

Additional Information

- High light transmittance PC diffuser included.
- Suitable for E28KITA-1 and E15LED range of gear trays.

Dimensions



Code	Colour	Dimensions (L x W x D mm)
D3SBHLT	Black	253 x 253 x 92
D3SWHLT	White	253 x 253 x 92

EMPTY BODY CIRCULAR DISCUS BULKHEAD WITH HLT DIFFUSER



The Empty Body DISCUS Bulkhead has a high light transmittance diffuser and is suitable for use with our E8LED gear trays.

Applications

- Multi-Storey Carparks • Commercial Sites • Leisure Centres



Specification

Lamp: Recommended for 8W LED

Material: Polycarbonate and high light transmittance PC diffuser

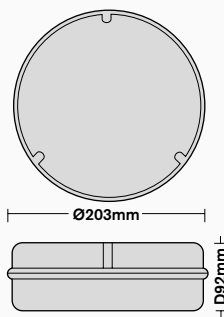
Guarantee: 1 Year

Working Temp: -20°C - 50°C

Additional Information

- Suitable for E8LED range of gear trays.

Dimensions



Code	Colour	Dimensions (Ø x D mm)
DDWHLT	White	203 x 92

EMPTY BODY FOR POLO BULKHEADS

The Empty Body POLO Bulkhead is suitable to fit either the E28KIT-1 or E15LED range of gear trays.

Applications:

- Educational providers • Factories • Hospitality



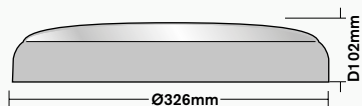
Specification

Lamp:	Recommended for 15W LED
Material:	Polycarbonate
Guarantee:	1 Year
Working Temperature:	0°C - 51°C

Additional Information

- Suitable for E28KIT-1 and E15LED range of circular gear trays.

Dimensions



Code	Suitable Wattage	Dimensions (Ø x D mm)
POLB	28W / 15W LED	326 x 102

EMPTY BODY FOR POLO BULKHEADS

The Empty Body POLO Bulkhead is suitable to fit the E8LED range of gear trays.

Applications:

• Educational providers • Factories • Hospitality



Specification

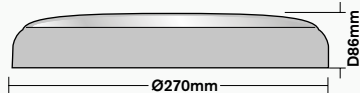
Lamp: Suitable for 8W LED

Material: Polycarbonate

Guarantee: 1 Year

Working Temperature: 0°C - 51°C

Dimensions



Code	Suitable Wattage	Dimensions (Ø x D mm)
POLB8	8W LED	270 x 86

STANDARD BULKHEAD

The standard bulkhead has a black finish and includes a prismatic diffuser.

Applications

• Multi-Storey Carparks • Commercial Sites • Factories



Specification

Lamp (not included): BC (B22)

Material: Polycarbonate

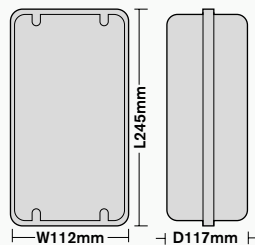
Guarantee: 1 Year

Working Temperature: -15°C - 40°C

Additional Information

- Black finish
- Prismatic diffuser

Dimensions



Code	Wattage	Dimensions (L x W x D mm)
LF12	Max 100W	245 x 112 x 117