



## Brunel

IP54

IK14 (100J)

Bulkhead

Class I

Surface

TM65/66

Community and Public

Brunel is a vandal resistant bulkhead specifically designed for community and public environments.

Standard Colours

Textured Black

Textured White

### Product Information

Brunel's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Brunel is quick and easy to maintain, whilst enabling sustainable technology upgrades.

The Brunel luminaire is ideal for car parks, internal communal areas, and building perimeters delivering reliable performance with its high impact and ingress protection ratings.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using [TM66](#) and measure embodied carbon (kgCO<sub>2</sub>e) in accordance with [TM65.2](#).

**Impact Resistance Rating:** IK14 (100J). [What is IK Rating?](#)

**Ingress Protection Rating:** IP54. [What is IP Rating?](#)

**Housing:** Zinc coated steel body.

**Paint:** Polyester powder coat. [All Colour Options Available Here.](#)

**Diffuser:** Opal polycarbonate diffuser, secured with tamperproof screws.

**Driver:** Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

**Mounting:** Wall or ceiling.

**Cable Entry:** Provision for conduit entry in back.

**Design Life:** 30+ years. [What is Design Life?](#)

## ■ Technical Information

Brunel	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>Opal</b>				
D207-3000N-X-TB	2828	26.6	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	489	-
	<b>Dimensions</b>			
	295mm x 295mm x 165mm			
D207-4000N-X-TB	3718	35.7	104	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	489	-
	<b>Dimensions</b>			
	295mm x 295mm x 165mm			
D207-5000N-X-TB	4534	45.4	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	3.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	489	-
	<b>Dimensions</b>			
	295mm x 295mm x 165mm			

## ■ Fitting Options

Coastal Paint Finish (Zone 2)	-Z2
Photo Cell	-PC
Microwave Sensor - Basic	-M1
Semi-Recessed	-SR
Conduit Hole in One End	-1H
Conduit Hole in Both Ends	-2H
Maintained Emergency 3 Hour, Self Test	-ES
Change Over Relay, 240V Relay Supplied	-ER
Central Battery Maintained 110V	-EV
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Textured Black	-TB
Textured White	-TW
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA
Corridor Function	-CF

- For paint colour options, please replace -TB with required paint code.
- -CF will only work if combined with -M1 or an external presence detection sensor supplied by others.
- -DA / -DI and -M1 options can't be combined.
- -E3 / -ES / -ED options not available on 5000lm output.
- For -M2 Microwave Sensor - Advanced, please contact technical sales on +44 (0)20 8254 2022 or email [technical@designplan.co.uk](mailto:technical@designplan.co.uk).
- -ER cannot be combined with -M1.

