




Performance in motion

The background of the entire page is a photograph of a railway crossing at night. A train is blurred as it passes from left to right, its lights creating streaks of yellow and blue. In the foreground, a white metal barrier with a red and white striped boom is closed across the tracks. A signpost with a T-shaped symbol stands behind the barrier. The sky is dark blue, and trees are visible in the background.

Mk2 Barrier Boom Lamp

Rail and Public Transport





Next-Generation Safety: The Unipart Dorman Mk2 Barrier Boom Lamp

Why upgrade to the Mk2?

Brighter, tougher, and completely retrofittable. Ensure maximum safety at your level crossings.



Unmatched Visibility

17.5x brighter and 40% wider front face diameter than the previous model, guaranteeing 100 meters of visibility in daylight and darkness.



Built to Last

Shock and vibration resistant, IP56/IP57 rated against water/dust, and IK04 vandal-proof. Engineered for a 98-year operational life at 25°C.



Plug-and-Play Installation

Fully retrofittable to existing booms and brackets. No additional hoods, fittings, or on-site design changes required.



Fully Compliant

Meets all new Network Rail specifications (Product Approval Certificate PA05/07849).



Zero Maintenance

Fit it and forget it. Requires no maintenance other than routine external cleaning, dramatically reducing labor costs and operational downtime.

Ordering

Performance Characteristics

| | |
|------------------------------|-----------------|
| Product Approval Certificate | PA05/07849 |
| Nominal Operating Voltage | 24 V DC |
| Operating Voltage Range | 18-30 V |
| Nominal Operating Current | 125 mA |
| Electrical Connector Type | Hard wired |
| Ingress Protection Rating | IP 65 |
| Operating Temperature Range | -20°C to +50°C |
| Readability | 100m |
| Viewable Angle | +/- 20° at 100m |
| Product Weight | 517g |



Lamps

| Catalogue Number | Unipart Dorman Part Number | Description |
|------------------|----------------------------|-----------------------------|
| 0086/073450 | BBL2N2/R/3 | Mk2 Barrier Boom Lamp 24Vdc |



Performance in motion

Contact us today to learn how we can help your business improve reliability, efficiency and safety in railway operations.

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