



Illuminaslim

LED High Bay

The Illumina Slim High Bay is a highly efficient versatile LED luminaire, ideally suited to a wide range of industrial applications for both new installations and retrofit applications.

- 1-10V dimming as standard
- Seoul Semiconductor LED
- High ambient temperature version also available on request
- Genuine Replacement for 250W/400W/600W Metal Halide or Sodium
- Perfect for warehousing, large retail and factories
- Emergency options available
- Self Test options available

100W \equiv 250W MH/SON Energy Saving 60%	150W \equiv 400W MH/SON Energy Saving 63%	200W \equiv 600W MH/SON Energy Saving 66%
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LMR80: Maximum 20% of lumen depreciation over rated hours.

B10: Maximum 10% of fittings failure rate over rated hours



	100W	150W	200W
Diameter	250mm	280mm	280mm
Height	173mm	200mm	200mm



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Technical Specification	
Construction	Die Cast Aluminium
Driver	Sosen
LED Chip	Seoul
IP Rating	IP65
Operating Temp	-30°C to +35°C / Emergency version minimum temperature -5°C
Input Voltage	220 - 240V
Power Factor	> 0.9
CRI	85 - Exceeds EU standard of Ra 70 for Colour Rendering Index
LMR	80 - Exceeds EU standard of 70 for Lumens Maintenance Ratio
Weight	100W 2.15Kg / 150W 2.9Kg / 200W 2.9kg / 200W Sensor 3.53Kg

Code	W	Description	Lm	Temp	Hours
08900	100	Illumina Slim 100W LED Highbay 120° lens	14000	4000K	50000
08902	100	Illumina Slim 100W LED Highbay 90° lens	14000	4000K	50000
08901	150	Illumina Slim 150W LED Highbay 120° lens	21000	4000K	50000
08903	150	Illumina Slim 150W LED Highbay 90° lens	21000	4000K	50000
08917	200	Illumina Slim 200W LED Highbay 120° lens	28000	4000K	50000
08916	200	Illumina Slim 200W LED Highbay 90° lens	28000	4000K	50000
08970	-	Prismatic Reflector	-	-	-
08971	-	Aluminium Reflector	-	-	-
08962	-	Remote control	-	-	-
90336	-	Illumina Slim Mounting Bracket	-	-	-

¹ Exceeds EU standard of 70 for Lumens Maintenance Ratio

² Exceeds EU standard of RA 70 for Colour Rendering Index

³ Subject to terms & conditions (Contact Customer Service)

3 Step Dimming Function



With sufficient natural light, the fitting does not switch on when presence is detected.



With insufficient natural light, the sensor switches on automatically when presence is detected.



After the hold-time, the sensor dims the fitting to the pre-set low light level if no motion is detected.



Fitting switches off after the stand-by period has elapsed if no motion is detected.

Meadows and Byrne: BELL Illumina Slim High Bay Fittings

Over the life of the fittings, Meadows and Byrne could save £169,916 in energy costs, energy saving 63%

- Annual Energy Saving 24,024kWh
- Annual CO₂ Saving 13,453kg
- Annual Maintenance Saving £500