

# HIGH BAY SPECIFICATION SHEET



**COLLINGWOOD  
LIGHTING**

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## Springbok Emergency

High bay emergency, highly efficient up to 150lm/W, 0-10V dimmable as standard

### FEATURES

IK rating	IK08
IP rating	IP54
Dimmable	Yes (0-10V, PWM, Resistor)
Input	220-240V 50/60Hz Surge protection 4kV
LED Lifetime	50,000h L80 B10
CRI	>80Ra
SDCM	5SDCM
Flicker Free	Yes
Emergency version available	Yes
Wattage	100W 150W 200W

### INSTALLATION INFORMATION

Install Connector Type	IP68 lever connector
Inrush Current	45A 0.6ms
Construction Material	Magnesium Alloy Tempered Glass Eyelet SS304
Weight	100W: 3.9Kg 150W: 4.6Kg 200W: 5.0Kg
Maximum ambient temperature	0°C to 30°C
Building regulations	Part P
Electric Class (1, 2, 3)	1

### GUARANTEE / WARRANTY

5 year extended guarantee  
2 year guarantee on emergency kit  
2 year on-site guarantee

### FEATURES & BENEFITS

Black magnesium alloy design for excellent heat dissipation

Robust and can withstand tough environments

A range of accessories available

Highly efficient up to 150lm/W

Dimmable 0-10V, resistor and PWM

Surge protection 4KV

Self-Test Emergency, dual colour Green/Red LED indicator

Self-Test:

- Initial 24h charge/discharge cycle
- Weekly components test
- Half-year battery duration test

Lumens Output in Emergency = 650lm

### PHOTOMETRICS @ 25°C

Product code	Finish	Wattage	Colour	Beam angle	lm	lm/W	EM lm
HB10040EA	Black	100W	4000K	120°	15000	150	650lm
HB15040EA	Black	150W	4000K	120°	21750	145	650lm
HB20040EA	Black	200W	4000K	120°	29000	145	650lm

Light source energy efficiency:



### WIRING INFORMATION

Cable Required for Connector	Mains in, Sensor and Mains out (M25, 5 terminals): 0.5-2.5mm <sup>2</sup> Ø 10-14mm Switch live and 0-10V: (M20, 3 terminals): 0.5-2.5mm <sup>2</sup> Ø 9-12mm
Type of Wiring Required	Parallel

### ACCESSORIES

HBA60	Reflector 60° - Aluminium, natural finishing	Sold Separately
HBA90	Reflector 90° - Aluminium, natural finishing	Sold Separately
HBA70	Refractor 70° - Polycarbonate, translucent	Sold Separately
HBASDHS	Microwave & Daylight Harvesting Sensor	Sold Separately
HBASDHSRC	Microwave & Daylight Harvesting Sensor Controller	Sold Separately

Beam angle: 120°

