

BLOWFISH



MAGNITECH
LIGHTING INDUSTRIES

Modular Industrial High-Bay & Low-Bay



LOW BAY

25W - 187W

3,210 - 22,031
lumens

HIGH BAY

57W - 595W

9,378 - 81,693
lumens



MAGNITECH
LIGHTING INDUSTRIES

Modular Industrial
High-Bay & Low-Bay

SABS
ISO 9001

Built to **Scale**.

The BLOWFISH LED High-Bay and Low-Bay is a modular industrial lighting platform engineered to deliver precise illumination across a wide range of mounting heights and output requirements. From compact 25W low-bay configurations through to high-output 595W high-bay systems, the range can be configured to suit everything from warehouses and cold-storage facilities to large industrial plants and high-volume spaces.

Its extruded aluminium construction combines efficient thermal management with a lightweight, robust form, while multiple precision optics allow light to be directed according to the application rather than relying on a single broad distribution. Fixtures can also be joined lengthways or side-by-side by means of special purpose built mounting brackets, allowing output to be scaled as project requirements increase.

With IP65 ingress protection, IK10 impact resistance, multiple mounting options and optional intelligent controls, BLOWFISH provides a flexible industrial lighting platform designed around installation efficiency, long-term reliability and adaptable performance.



SA
Made



IP65
Rating



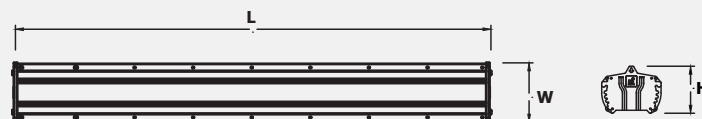
IK10
Rating



Fit-For-Purpose:

- Industrial plants
- Warehouses
- Distribution centres
- Hangars
- Cold-storage facilities
- Manufacturing facilities
- Workshops
- High-volume industrial spaces

DESCRIPTION	LENGTH	WIDTH	HEIGHT
HL-H-22-265-XX	2x600mm	144mm	92mm
HL-H-23-400-XX	2x900mm	144mm	92mm
HL-H-33-600-XX	3x900mm	144mm	92mm



DESCRIPTION	LENGTH	WIDTH	HEIGHT
HL-L-01-025-XX	300mm	144mm	92mm
HL-L-01-037-XX	300mm	144mm	92mm
HL-L-02-050-XX	600mm	144mm	92mm
HL-L-02-075-XX	600mm	144mm	92mm
HL-L-03-075-XX	900mm	144mm	92mm
HL-L-03-110-XX	900mm	144mm	92mm
HL-L-04-100-XX	1200mm	144mm	92mm
HL-L-04-150-XX	1200mm	144mm	92mm
HL-L-05-125-XX	1500mm	144mm	92mm
HL-L-05-185-XX	1500mm	144mm	92mm

DESCRIPTION	LENGTH	WIDTH	HEIGHT
HL-H-01-057-XX	300mm	144mm	92mm
HL-H-01-066-XX	300mm	144mm	92mm
HL-H-02-115-XX	600mm	144mm	92mm
HL-H-02-130-XX	600mm	144mm	92mm
HL-H-03-170-XX	900mm	144mm	92mm
HL-H-03-200-XX	900mm	144mm	92mm
HL-H-04-230-XX	1200mm	144mm	92mm
HL-H-04-265-XX	1200mm	144mm	92mm
HL-H-05-290-XX	1500mm	144mm	92mm

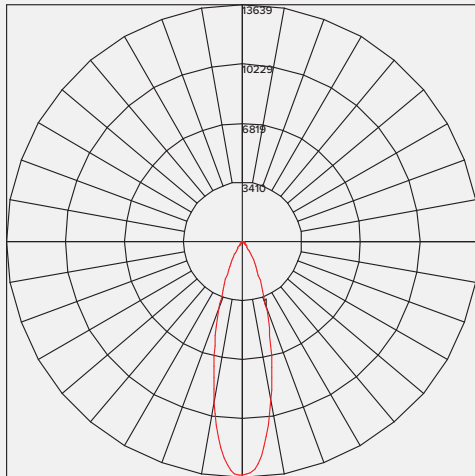
MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**



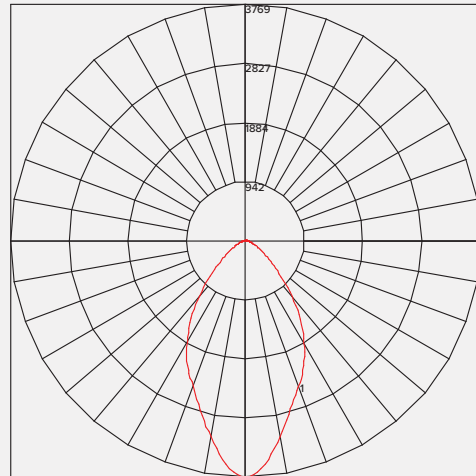
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Typical Lighting Distribution

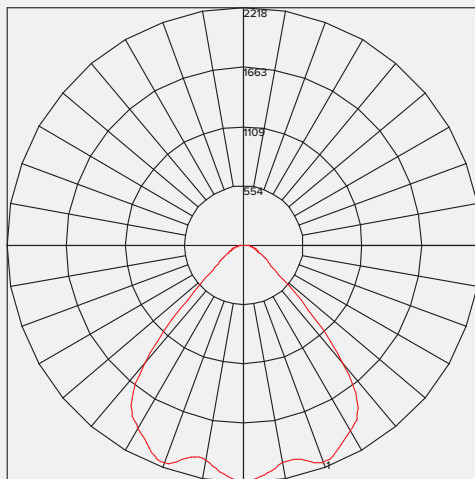
SABS
ISO 9001



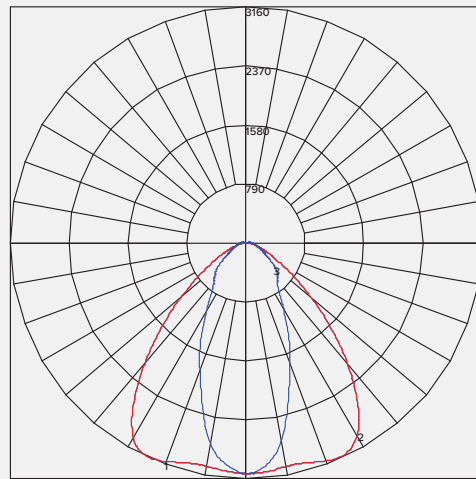
30°



60°



90°



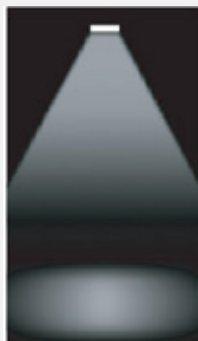
Asymmetrical



30°



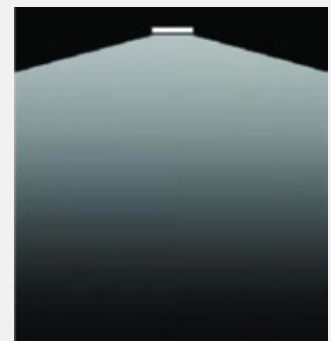
60°



90°



ASYMMETRICAL



SYMMETRICAL WIDE

*Other photometric distributions available on request

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Low-Bay Specifications

FEATURE	HL-L-01-025	HL-L-01-037	HL-L-02-050	HL-L-02-075	HL-L-03-075
NOMINAL POWER	25 Watts	37 Watts	50 Watts	75 Watts	75 Watts
LUMINOUS FLUX (LM)	UP TO 3,210	UP TO 4,406	UP TO 6,421	UP TO 8,812	UP TO 9,631
LUMINOUS EFFECIENCY (LM/W)	UP TO 128	UP TO 117	UP TO 128	UP TO 117	UP TO 128
MOUNTING HEIGHT	4m - 15m				
COLOUR TEMPERATURE	4000K (STANDARD) 3000K / 5000K / 6500K (OPTIONAL)				
LED LIFETIME (HOURS) @ TA 25 °C	L80B10 > 50 000 HRS				
CRI	>70				
DIFFUSER	POLYCARBONATE - IK10				
NOMINAL INPUT VOLTAGE	198–264V AC				
OPERATING TEMPERATURE	-20°C to 60°C				
SURGE PROTECTION	10kV (Standard) 20kV (Optional)				
IP RATING	IP65				
DIMENSIONS L x W x H (MM)	300 x 144 x 92	300 x 144 x 92	600 x 144 x 92	600 x 144 x 92	900 x 144 x 92

FEATURE	HL-L-03-110	HL-L-04-100	HL-L-04-150	HL-L-05-125	HL-L-05-185
NOMINAL POWER	112 Watts	100 Watts	150 Watts	125 Watts	187 Watts
LUMINOUS FLUX (LM)	UP TO 13,219	UP TO 12,842	UP TO 17,625	UP TO 16,052	UP TO 22,031
LUMINOUS EFFECIENCY (LM/W)	UP TO 117	UP TO 128	UP TO 117	UP TO 128	UP TO 117
MOUNTING HEIGHT	4m - 15m				
COLOUR TEMPERATURE	4000K (STANDARD) 3000K / 5000K / 6500K (OPTIONAL)				
LED LIFETIME (HOURS) @ TA 25 °C	L80B10 > 50 000 HRS				
CRI	>70				
DIFFUSER	POLYCARBONATE - IK10				
NOMINAL INPUT VOLTAGE	198–264V AC				
OPERATING TEMPERATURE	-20°C to 60°C				
SURGE PROTECTION	10kV (Standard) 20kV (Optional)				
IP RATING	IP65				
DIMENSIONS L x W x H (MM)	900 x 144 x 92	1200 x 144 x 92	1200 x 144 x 92	1500 x 144 x 92	1500 x 144 x 92

* Values shown are AFTER both Thermal and Optical losses. Output will vary depending on optics utilised. Performance values are subject to ±5% variance.



High-Bay Specifications

FEATURE	HL-H-01-057	HL-H-01-066	HL-H-02-115	HL-H-02-130	HL-H-03-170	HL-H-03-200
NOMINAL POWER	57 Watts	66 Watts	115 Watts	132 Watts	172 Watts	198 Watts
LUMINOUS FLUX (LM)	UP TO 9,378	UP TO 9,378	UP TO 18,755	UP TO 18,755	UP TO 28,133	UP TO 28,133
LUMINOUS EFFECIENCY (LM/W)	UP TO 163	UP TO 141	UP TO 163	UP TO 141	UP TO 163	UP TO 141
MOUNTING HEIGHT	4m - 25m					
COLOUR TEMPERATURE	4000K (STANDARD) 3000K / 5000K / 6500K (OPTIONAL)					
LED LIFETIME (HOURS) @ TA 25 °C	L80B10 > 50 000 HRS					
CRI	>70					
DIFFUSER	POLYCARBONATE - IK10					
NOMINAL INPUT VOLTAGE	198–264V AC					
OPERATING TEMPERATURE	-20°C to 60°C					
SURGE PROTECTION	10kV (Standard) 20kV (Optional)					
IP RATING	IP65					
DIMENSIONS L x W x H (MM)	300 x 144 x 92	300 x 144 x 92	600 x 144 x 92	600 x 144 x 92	900 x 144 x 92	900 x 144 x 92

FEATURE	HL-H-04-230	HL-H-22-265	HL-H-04-265	HL-H-05-290	HL-H-23-400	HL-H-33-600
NOMINAL POWER	230 Watts	264 Watts	264 Watts	287 Watts	397 Watts	595 Watts
LUMINOUS FLUX (LM)	UP TO 37,510	UP TO 37,510	UP TO 37,510	UP TO 46,888	UP TO 56,265	UP TO 81,693
LUMINOUS EFFECIENCY (LM/W)	UP TO 163	UP TO 141	UP TO 141	UP TO 163	UP TO 141	UP TO 137
MOUNTING HEIGHT	4m - 25m					
COLOUR TEMPERATURE	4000K (STANDARD) 3000K / 5000K / 6500K (OPTIONAL)					
LED LIFETIME (HOURS) @ TA 25 °C	L80B10 > 50 000 HRS					
CRI	>70					
DIFFUSER	POLYCARBONATE - IK10					
NOMINAL INPUT VOLTAGE	198–264V AC					
OPERATING TEMPERATURE	-20°C to 60°C					
SURGE PROTECTION	10kV (Standard) 20kV (Optional)					
IP RATING	IP65					
DIMENSIONS L x W x H (MM)	1200 x 144 x 92	2x600 x 144 x 92	1200 x 144 x 92	1500 x 144 x 92	2x900 x 144 x 92	3x900 x 144 x 92

* Values shown are AFTER both Thermal and Optical losses. Output will vary depending on optics utilised. Performance values are subject to ±5% variance.

Related Products



SpectraLED



BM3 HID

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THE STANDARD OF **QUALITY**



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LIGHTING INDUSTRIES

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