

SERIES 30

Decorative LED bulkhead



LOCALLY
manufactured

SERIES 30



IP 65



Standard version



With quarter grid (optional)

Timeless round bulkhead luminaire range

The SERIES 30 is a long-time favourite bulkhead. Due to its timeless and simple design it is the ideal solution to beautify buildings and to provide area lighting for commercial developments, retail areas, shopping malls and public buildings.

High-quality materials are used to ensure a high ingress protection and non-discolouring diffuser. This, together with the long lifetime of the LEDs, and an easy installation procedure, makes the SERIES 30 the bulkhead of choice.



PUBLIC BUILDING



SHOPPING CENTRE



COMMERCIAL BUILDING



SPORT AREA



SECURITY LIGHTING

Key advantages

- Designed and manufactured in South Africa
- Sophisticated design for ease of installation without compromising product lifetime
- High-quality materials for long lasting performance
- Designed for coastal and other harsh environmental conditions
- Highly efficient $\geq 122\text{lm/W}$ and long lasting LED technology
- Marine grade high-pressure die-cast aluminium base
- Minimum 50,000hrs useful lifetime (L70B10)
- 3-year warranty (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Recommended installation height	2m to 4m
FutureProof	Easy replacement of the photometric engine and electronic assembly on-site
Driver included	Yes
ROHS compliant	Yes
Testing standard	SANS 60598, SANS 62262

HOUSING AND FINISH

Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)
Trim ring	UV-stabilised, calcium-filled Polypropylene (Composite version) Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300) (optional)
Diffuser	High-impact acrylic ^(*)
Housing finish	Black (RAL 9017), Textured finish
Tightness level	IP 65
Maintenance	Easily accessible

^(*) Suitable for Food & Beverage industry

DIMENSIONS AND MOUNTING

ØA (mm)	Ø280
B (mm)	104
C (mm)	48
Weight (kg)	Standard version: 2 Emergency version: 2.3

ELECTRICAL INFORMATION

Electrical class	EU class I or II
Nominal voltage	230V +3%/-10% - 50Hz
Power factor	> 90% at full load
Electromagnetic compatibility (EMC)	SANS 55015:2013/A1:2015, SANS 61000-3-2:2014, SANS 61000-3-3:2013, SANS 61547:2009, SANS 62493:2015

OPTICAL INFORMATION

LED colour temperature	4000K (Neutral white 840)
Colour rendering index (CRI)	≥ 80 (Neutral white 840)

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C to +35°C
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LIFETIME OF THE LEDS @ TQ 25°C

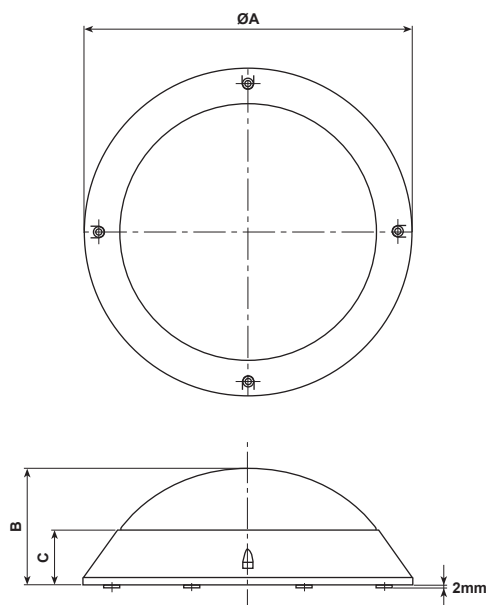
For all versions	50,000h - L70B10
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LIFETIME OF THE DRIVER @ TQ 25°C

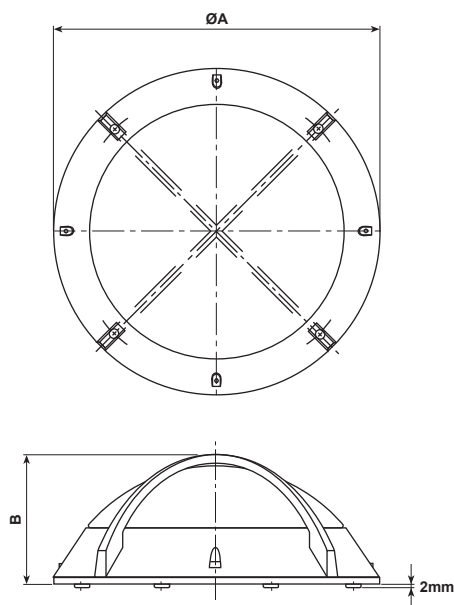
For all versions	50,000h ≤10% failure rate
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For options and accessories, please turn to page 6.

SERIES 30



SERIES 30 with quarter-grid (optional)



Performance



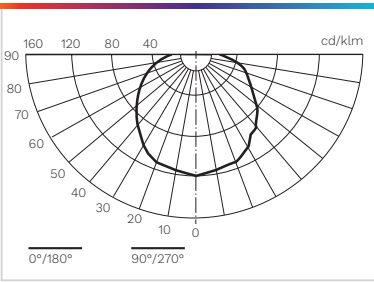
		Nominal flux (lm) ^(*)	Power consumption (W)	Nominal efficacy (lm/W)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)
Luminaire	Line Current (A)	Typical	Typical	Typical	Typical	Typical
SERIES 30	0.03	1030	7	154	855	127
	0.06	1900	13	147	1577	122
	0.07	2250	15	149	1868	124
SERIES 30 (Emergency version) 1 hour	0.04	1365 / 300 (EM)	9	151	1130	125
	0.06	2000 / 300 (EM)	13	154	1660	127

Tolerance on LED flux is ± 7% and on total luminaire power ± 5%

(*) The nominal flux is an indicative LED flux @ Ts 85°C based on LED manufacturer’s data. The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire. The type of LED used is subject to change due to the ongoing rapid progress taking place in LED technology.

Light Distribution

SERIES 30 7W

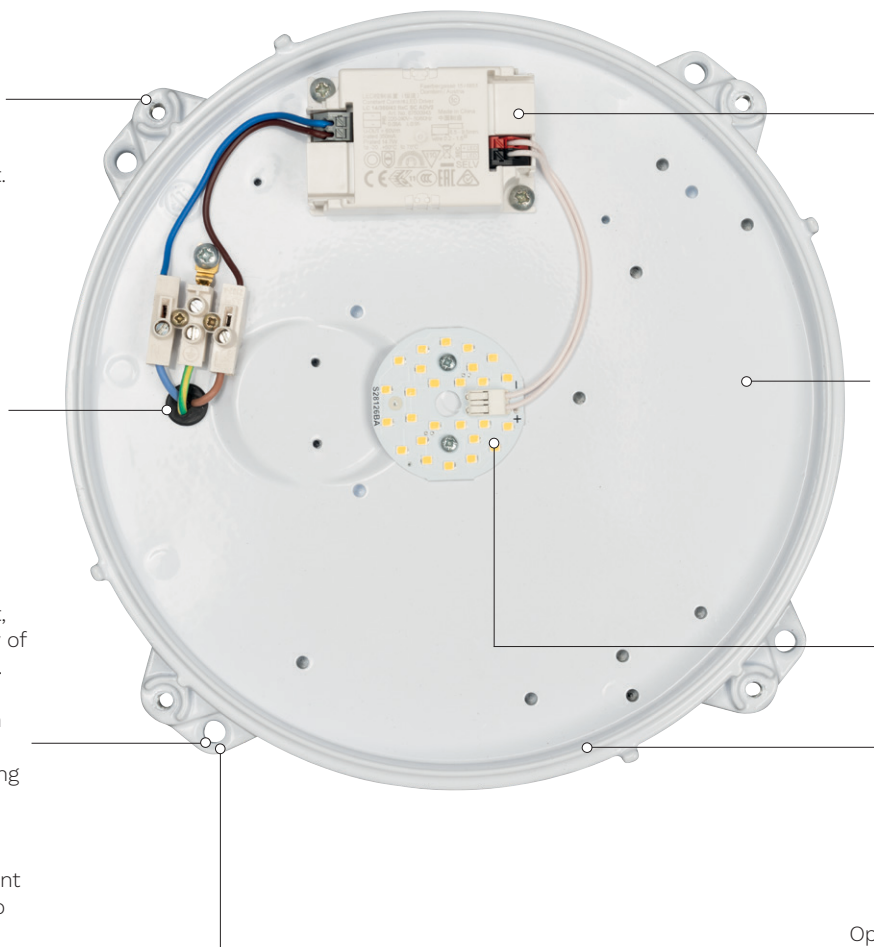


Key Features

Four fixing holes to hold the trim ring to the base casting by stainless steel M5 Allen head screws, located outside the optical compartment.

The grommet provided in the base casting allows the feeding through of the wiring supplied, thus ensuring the integrity of the IP 65 rating.

Four mounting holes provided outside the optical compartment, ensuring the integrity of the certified IP rating. The mounting holes are raised 2mm from the base, preventing rainwater from running over the luminaire surface, and are also offset from the main axis in order to prevent accidental damage to conduits during the installation process.



All control gear components bear the relevant national and international marks and are mounted directly onto the base casting, ensuring cool operation.

Base casting manufactured from marine grade high-pressure die-cast aluminium, finished both outside and inside in white epoxy powder coating for added protection and increased reflectivity to improve the luminaire output flux.

It is designed to operate LEDs of up to 15W.

Tongue provided on the base casting to fit into the silicon sponge gasket seated in the diffuser, thus achieving SABS certified IP 65 protection.

Optional helicoil inserts for corrosion-resistant applications

Letaba Hospital, Limpopo Province



Ordering Information

Example:

SERIES 30C BLK NW 7W HVEM1M

ID	Trim Ring	Colour options	LED colour	Watt	Other options
SERIES 30	A Aluminium	BLK Black (RAL 9017), Textured finish	NW Neutral White (4000K)	7W 9W ⁽²⁾ 13W 15W	HC Helicoil
	X Quarter Grid	WHT White (RAL 9003), Textured finish			VR Vandal-resistant screws
	C Composite	SIL⁽¹⁾ Pearl Light Grey (RAL 9022), Textured finish			HV Helicoil & vandal-resistant screws
		P/O⁽¹⁾ Painted Other (RAL / Finish [Brilliant/Matt])			EM1M Emergency version 1 hour maintained

⁽¹⁾ Not applicable to Composite version

⁽²⁾ Emergency version only

Custom Options

Correlated colour temperature	3000K (Warm white 830)
Battery back-up	4 hours fast charge
Extras	Adaptor ring for surface wiring
	Motion sensor
Switching/Dimming Control	Integrated Schröder ITERRA
	Integrated daylight switch

BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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Designed and manufactured by BEKA Schröder (Pty) Ltd



LOCALLY
manufactured

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