

BEKARONDO

Circular aluminium reflector LED downlight



LOCALLY
manufactured

BEKARONDO



BEKARONDO-MIDI



BEKARONDO-MAXI



Optional surface mount version
(BEKARONDO-MAXI only)

Classic, performing, high quality

The BEKARONDO is a high-quality downlight that drives performance and efficiency. The classic look that never ages allows various indoor applications to come alive and provides significant flexibility in the design and installation.

The BEKARONDO is the ideal solution to enhance any building and to provide lighting for standard and higher mounting heights, depending on your needs.

High-quality materials are used to ensure a best-in-class specification and peace-of-mind after installation. This, together with the long lifetime of the LEDs and an easy installation procedure, makes the BEKARONDO the downlighter of choice.

Key advantages

- Designed and manufactured in South Africa
- Two sizes for various indoor applications
- Classic elegant design
- Low glare
- High quality materials
- Rigid construction
- Ideal for retrofitting CFL downlights
- Highly efficient – up to 86% LOR
- High energy savings
- Operating temperature (Ta): -20°C to +40°C
- 3-year warranty (Terms and conditions apply)



PUBLIC
BUILDING



SHOPPING
CENTRE



COMMERCIAL
BUILDING



SERVICE
STATION

Characteristics

GENERAL INFORMATION

Driver included	Yes
ROHS compliant	Yes
Testing standard	SANS 60598
Weight (kg)	MIDI: 0.28kg
	MIDI Emergency version: 0.78kg
	MAXI: Up to 1.4kg
	MAXI Emergency version: Up to 1.9kg

HOUSING AND FINISH

Housing	Aluminium
Diffuser	Acrylic
Housing finish	MIDI: Specular with white trim ring
	MAXI: Specular with white trim ring
	MAXI: Specular (optional)
Tightness level	IP 20

ELECTRICAL INFORMATION

Electrical class	EU class II
Nominal voltage	220-240V $\pm 10\%$ - 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
Dimming options	1-10V
	DALI
	Push-dim

OPTICAL INFORMATION

LED colour temperature	4000K (Neutral white 840)
	3000K (Warm white 830)
Colour rendering index (CRI)	≥ 80 (Neutral white 840)
	≥ 80 (Warm white 830)

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C to +40°C
----------------------------------	----------------

LIFETIME OF THE LEDS @ TQ 25°C

For all versions	50,000h - L70B10
------------------	------------------

LIFETIME OF THE DRIVER @ TQ 25°C

For all versions	50,000h $\leq 10\%$ failure rate
------------------	----------------------------------

For options and accessories, please turn to page 6.

Construction Details

The luminaire consists of a pressed metal ceiling trim, reflector, ceiling brackets and reinforced luminaire frame. It has been designed to operate LED light sources of up to 23W in an ambient temperature (Tq) environment of up to 35°C, without reducing the useful lifetime of 50 000 hours at a lumen depreciation of not more than 30% (L70).

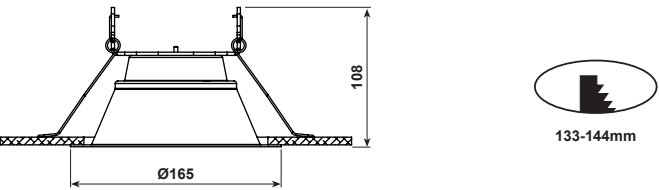
The easy-fixing ceiling brackets are made of spring steel to ensure rigid and positive mounting in the ceiling, eliminating any sagging of the luminaire.

The 99.9% pure aluminium reflector is made from pressed grade 1050 aluminium alloy.

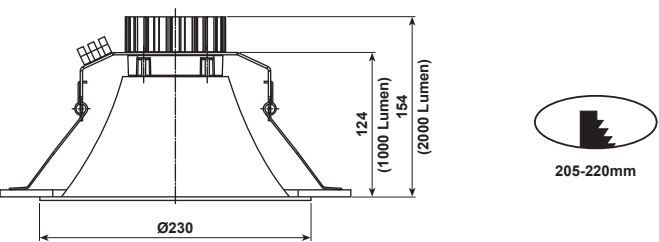
The downlight is available with 6A plug-top on 3m cabtyre (excluding emergency and dimming versions).

Dimensions in mm

BEKARONDO-MIDI

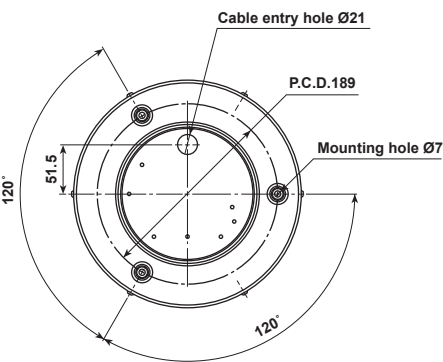


BEKARONDO-MAXI

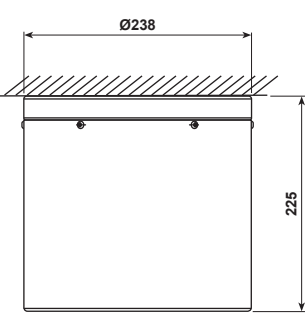


BEKARONDO-MAXI Surface mounted

Top view



Side view



Performance

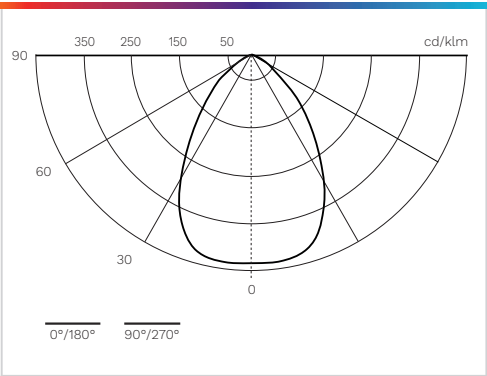
				Power consumption (W)	Flux (lm) ^(*)	Efficacy (lm/W)
Luminaire	Driver Current (mA)	Line Current (A)	Correlated Colour Temperature	Typical	Typical	Typical
MIDI	Standard version	180	830 / 840	7	1000	140
		350	830 / 840	15	2100	140
	Emergency Version	180	830 / 840	7	1000 / 640 (EM)	140
		350	830 / 840	15	2100 / 640 (EM)	140
MAXI	Standard version	350	830 / 840	9	1250	140
		600	830 / 840	16	2240	140
		500	830 / 840	23	3282	143
	Emergency Version	350	830 / 840	9	1250 / 694 (EM)	140
		600	830 / 840	16	2240 / 694 (EM)	140
		500	830 / 840	23	3282 / 694 (EM)	143

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

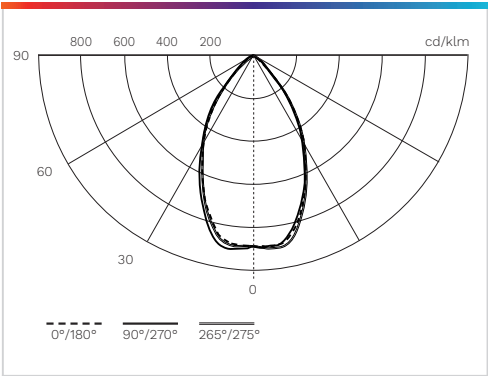
(*) The flux is an indicative LED flux @ Ts 85°C based on LED manufacturer's data. The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire. The type of LED used is subject to change due to the ongoing rapid progress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

Light Distributions

BEKARONDO-MIDI 15W



BEKARONDO-MAXI 16W



Ordering Information

Example:

RONDO MAXI 23W WN DALI EM

ID	Watt	Housing Finish	LED Colour	Other Options
RONDO MIDI	7W 15W	W White	N Neutral White (4000K) W Warm White (3000K)	3M⁽¹⁾ 6A plug-top complete with 3m cabtyre P/D Push-dim DALI DALI Dim
RONDO MAXI	9W 16W 23W	C Specular W White		1-10 1-10V Dim EM 1-hour emergency back-up

⁽¹⁾ Not available for Emergency and Dimming versions

Custom Options

Mounting	Surface mount (MAXI only)
----------	---------------------------

BEKA Schröder

Experts in lightability™

SABS
ISO 9001



www.beka-schreder.co.za

Designed and manufactured by BEKA Schröder (Pty) Ltd



LOCALLY
manufactured

2023-05

Copyright © BEKA Schröder (Pty) Ltd – 13 West View Road – Olifantsfontein (South Africa) • The information, descriptions and illustrations herein are of only an indicative nature. Due to advanced developments, we may be required to alter the characteristics of our products without notice. As these may present different characteristics according to the requirements of individual countries, we invite you to consult us.