

PRODUCT SPECIFICATIONS SHEET CATEGORY | HIGHBAY & LOWBAY LUMINAIRES



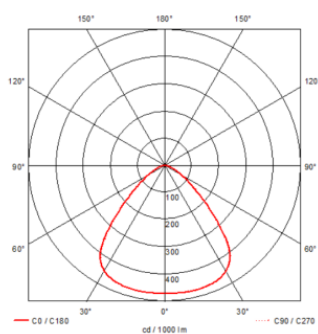
KEY FEATURES

- Power level up to 200W.
- Luminaire efficacy: Up to 150lm/W.
- Heatsink: Aluminium.
- Mounting: Suspended / optional surface mount bracket.
- Luminaire colour options: Black.
- Driver lifetime: >50 000 hrs.
- LED lifetime (L80B10): >50 000 hrs.
- Dimming options: 1 – 10V, PWM & resistance.
- Luminaire supplied with integrated driver.

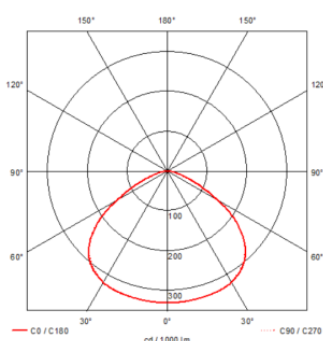
PHOTOMETRICS

LUMINAIRE DATA	NAME	DRAW POWER (W)	LED COLOUR (CCT)	COLOUR RENDERING INDEX (CRI)	LUMINOUS FLUX (LM)	LUMINAIRE EFFICACY (LM/W)	BEAM ANGLE
	MATOBO	100	4000 / 5700	80	15000	150	90°/120°
	MATOBO	160	4000 / 5700	80	24000	160	90°/120°
	MATOBO	200	4000 / 5700	80	30000	150	90°/120°

PHOTOMETRICS



MATOBO - 90°



MATOBO - 120°

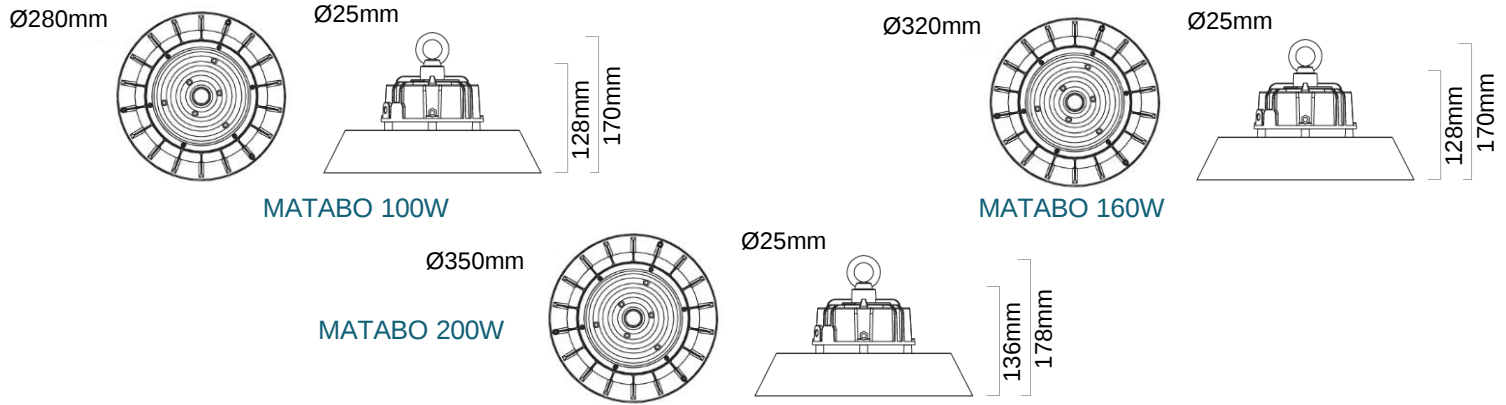
FIXTURE FEATURES AND WARRANTY



IP65



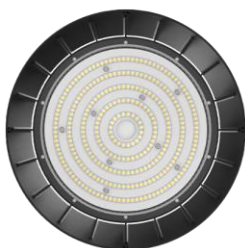
5Year
WARRANTY



GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS	DESCRIPTION	SPECIFICATION
	LED chip type	Philips 2835
	LED working life (L80B10)	>50 000hrs @ Ta = 25 deg C
	Driver type	Sosen
	Driver input voltage	90V - 305V
	Driver power factor	>0.95λ
	Driver nominal life	>50 000hrs @ Ta = 25 deg C
	Driver dimming	1- 10V; PWM; Resistance
	Driver Total Harmonic Distortion (THD)	<20%
	Driver surge protection (KV)	4KV
	Driver compliance	EN 61347-2-13:2006
	IP rating	IP65
	Operating temperature range	-40°C to +50°C
	Housing material	Aluminium / Plastic
	Product warranty	5 Years
	Product weight excluding packaging	+/- 1.9kg - 3.0kg
	Product weight including packaging	+/- 2.6kg - 3.9kg

PRODUCT IMAGES



Front view



Rear view



Perspective view

General Disclaimer

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CAPE TOWN Head office

| 021 510 0028
| sales@ledlighting.co.za
| 1st Floor Hillwood House
25 Paarden Eiland Road
Paarden Eiland, 7405



JOHANNESBURG Regional Branch

| 021 510 0028
| sales@ledlighting.co.za
| Office Unit 1 Pendoring Office Park,
299 Pendoring Rd, Blackheath,
Randburg, 2195



DURBAN Regional Branch

021 510 0028
sales@ledlighting.co.za