

PRODUCT SPECIFICATIONS SHEET

CATEGORY | SURFACE AND SUSPENDED



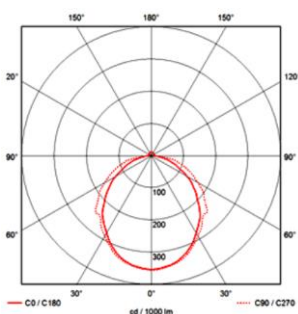
KEY FEATURES

- **Power level:** 30W/m.
- **Luminaire efficacy:** Up to 125lm/W.
- **Heatsink:** Aluminium
- **Mounting:** Surface or suspended.
- **Luminaire colour options:** White / Black / Grey.
- **Driver lifetime:** >100 000 hrs.
- **LED lifetime (L80B10):** >75 000 hrs.
- **Option:** Integrated microwave sensor – 27W / 35W / 43W options.
- 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)	PRODUCT LENGTH (mm)	BEAM ANGLE
	KAROO 900	27	3000K, 3500K, 4000K ,5700K	92	2970 - 3375	110 - 125	853	OPAL
	KAROO 1200	35	3000K, 3500K, 4000K ,5700K	92	3850 - 4375	110 - 125	1128	OPAL
	KAROO 1500	43	3000K, 3500K, 4000K ,5700K	92	4730 - 5375	110 - 125	1403	OPAL
	KAROO 1700	58	3000K, 3500K, 4000K ,5700K	92	6380 - 7250	110 - 125	1686	OPAL
	KAROO 2300	65	3000K, 3500K, 4000K ,5700K	92	7150 - 8125	110 - 125	2228	OPAL

PHOTOMETRICS



KAROO - OPAL

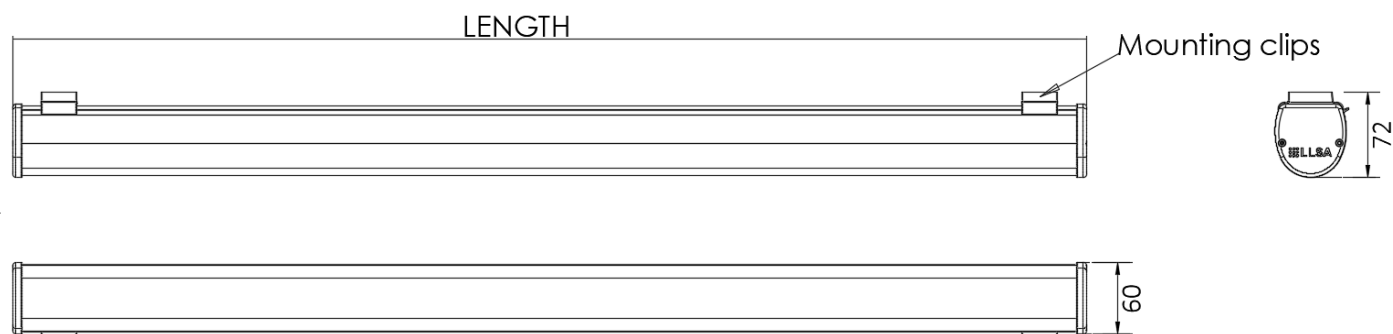
FIXTURE FEATURES AND WARRANTY



IP20



5Year
WARRANTY



GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS	DESCRIPTION	SPECIFICATION
	LED chip type	Samsung / Vossloh Schwable
	LED operating current	85 - 120mA
	LED working life (L80B10)	>75 000hrs @ Ta = 25 deg C
	Driver type	Tridonic / Vossloh Schwable / TCI
	Driver input voltage	110V - 230V
	Driver power factor	>0.95λ
	Driver nominal life	100 000hrs @ Ta = 25 deg C
	Driver dimming	Non - dim / Step dim
	Driver Total Harmonic Distortion (THD)	<20%
	Driver surge protection (KV)	2KV
	Driver compliance	EN 61347-2-13:2006
	IP rating	IP20
	SABS company certification	10089/15954
	Operating temperature range	0°C to +40°C
	Housing material	Co-extruded acrylic
	Product warranty	5 Years
	Product weight excluding packaging	+/- 0.83kg
	Product weight including packaging	+/- 0.85kg

PRODUCT IMAGES



Front view



Rear view



Top view



Perspective view

General Disclaimer
Content is subject to change. Fluctuations in mains voltage and in LED forward voltage mean that lumen output and power draw may be subject to deviation (+/-5%) of rated value.

Liability Disclaimer
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DESCRIPTION

SPECIFICATION

Driver type	Tridonic
Driver with integrated sensor nominal life	50 000hrs @ Ta = 25 deg C
Sensitivity options	100%(default) / 50%
Hold time	5s / 90s / 300s / 600s
Daylight sensor	30 lux (default) / disabled
Standby dimming	10%(default) / 30%

Adjustable dip switch settings

Setting the detection area (1. dip switch)

1	Sensitivity
●	100 % (default)
○	50 %



Setting the standby dimming (5. dip switch)

5	Standby dimming
●	10 % (default)
○	30 %



Setting the hold time (2. and 3. dip switch)

2	3	Hold time
●	●	5 s (default)
●	○	90 s
○	●	300 s
○	○	600 s



Setting the second-order delay (6. dip switch)

6	Second-order delay
●	∞ (default)
○	10 min



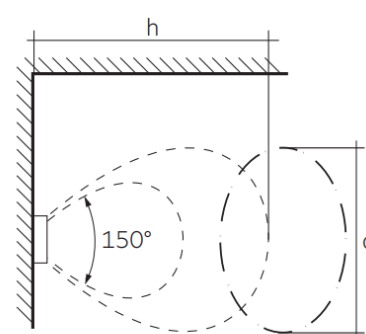
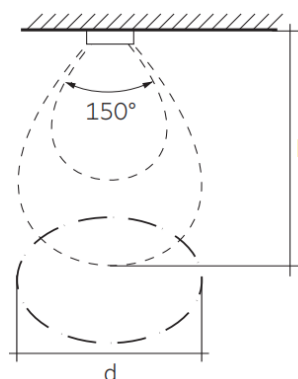
Setting the daylight sensor (4. dip switch)

4	Daylight sensor
●	30 lux (default)
○	disable



Motion detection

Mounting height (h)	Detection diameter at 1m/s moving speed (d)	
	100%sensitivity	50%sensitivity
0.5m	4.5m	2.0m
1.0m	5.0m	2.5m
1.5m	5.0m	2.5m
2.0m	5.0m	2.5m
2.5m	5.5m	3.0m
3.0m	6.0m	3.0m
3.5m	5.5m	3.0m
4.0m	5.0m	2.0m
4.5m	5.0m	2.0m
5m	4.0m	2.0m
5.5m	3.0m	1.0m
6.0m	2.0m	1.0m



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