7 Years
Product Warranty
UK Only

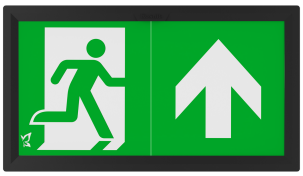
2 Years
On-Site Warranty
Main-land UK Only

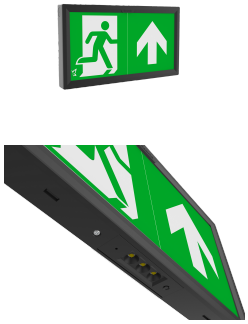
Kalem 3 Duo

09475 KAL02/SST-BLK

Kalem 3 Duo panel exit box 5W Manual & Self-test Black

- Select manual or self-test mode via the internal dual-mode DIP switch
- Automatic Self-test conforming to BS-EN-62034
- To adjust green LED indicator brightness, press and hold the test button for more than 2 seconds
- Slim profile LED panel
- Uniform back light
- Edge lit
- Hidden slot on the frame for attaching the exit sign sheet
- Maintained and non-maintained option





Overview

Kalem 3 LED emergency exit sign is a self-contained, multi-purpose, non-maintained 3-hour emergency exit sign solution. The fitting is a wall mounted panel that may also be used as a standard emergency luminaire without the exit sign graphic.

IP20

General Information

IP Rating	IP20
Materials	Housing: Polycarbonate
Installation Area	Internal
UEM/EME Protection	Class II
L80B10 Lifetime (h) @Ta 25 °C	93,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-22:2022, EN 61347-1:2015+A1:2021, EN 61347-2-7:2012+A1:2021, EN 61347-2-13:2014+A1:2017, EN 62493:2015+A1:2022
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE, REACH

Technical Summary	
Product Code	KAL02/SST-BLK
CRI	80
Lumens Output Maximum	70 lm
Emergency Luminous Flux	70 lm
Maintained Luminous Flux	70 lm
L80B10 Lifetime (h) @Ta 25 °C	93,000 h
UEM/EME Input Voltage	220-240Vac 50/60Hz
UEM/EME Ambient Temperature Range	0°C to 50°C
UEM/EME Power Factor	0.7
UEM/EME Test Function	Automatic test / Manual test
UEM/EME CCT	6,500 K
UEM/EME Input Power (Max)	5 W
UEM/EME Protection	Class II
UEM/EME Weight	0.605 kg
UEM/EME Dimensions (L x W x D) (mm)	330x185x33

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Others	UKCA, CE, RoHS, WEEE, REACH

Accessories

Product Code	Description
BATS18LFP1	Battery for DD EME 2, Doxa 2 & EME light 2 in 1,Temp sensor

Technical	
Lumens Output Maximum	70 lm
L80B10 Lifetime (h) @Ta 25 °C	93,000 h
General Notes	Lumen: 30lm with legend, 70lm without legend.
Finishing	Black & Green
Installation Area	Internal
Materials	Housing: Polycarbonate
Mounting Information	Surface mount
Surge Capacity	2000V
IP Rating	IP20
EPREL - Light Source (LS)	
CRI	80
Technical - UEM/EME	
Emergency Luminous Flux	70 lm
Maintained Luminous Flux	70 lm
UEM/EME Input Voltage	220-240Vac 50/60Hz
UEM/EME Ambient Temperature Range	0°C to 50°C
UEM/EME Power Factor	0.7
UEM/EME Test Function	Automatic test / Manual test
UEM/EME CCT	6,500 K
UEM/EME Input Power (Max)	5 W
UEM/EME Protection	Class II
UEM/EME Weight	0.605 kg
UEM/EME Battery Capacity (mAh)	1,800 mAh
UEM/EME Battery Charge Voltage (Vdc)	3.65 V
UEM/EME Battery Charging Time (h)	24 h
UEM/EME Battery Code	BATS18LFP1 (LiFePO4 18650 3.2V 1800mAh)
UEM/EME Battery Type	LiFePO4
UEM/EME Battery Voltage (Vdc)	3.2 V
UEM/EME Charging Time (h)	24 h
UEM/EME Dimensions (L x W x D) (mm)	330x185x33
UEM/EME Emergency Conversion Time (s)	1 s
UEM/EME Emergency Operation Time (h)	3 h
UEM/EME Input Current (Max) (mA)	30 mA
UEM/EME Lifetime (h)	50,000 h
UEM/EME Battery Charge Current (mA)	250
UEM/EME Battery Discharge Current (mA)	450-480
UEM/EME Battery Discharge Voltage (Vdc)	2.5-3.6
UEM/EME Output Wattage (W)	1.5
UEM/EME Battery Charge Temperature Range	0°C to 65°C

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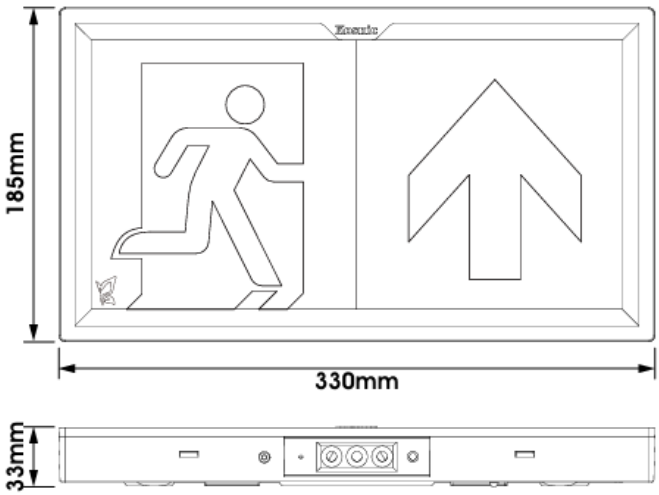

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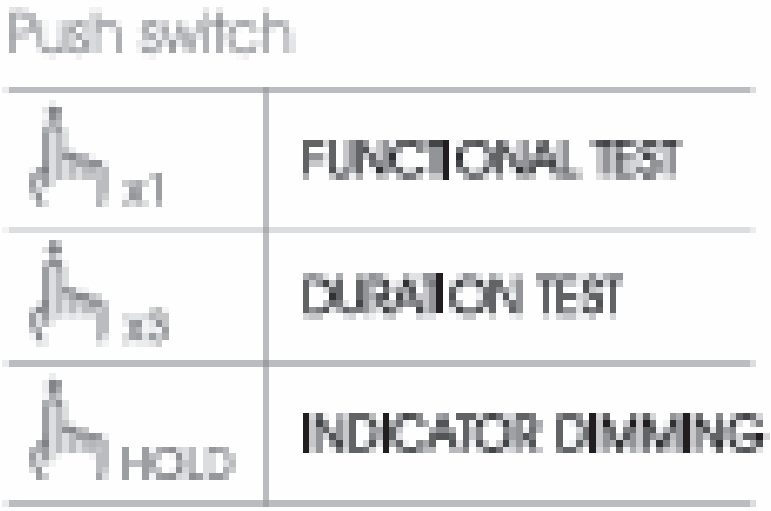

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