

Kalem

LED Emergency Exit Sign or Panel Luminaire



Overview

Kosnic's Kalem LED emergency exit sign is a self-contained, multi-purpose, maintained or 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. It also includes a row of LEDs along the bottom edge and is supplied with the upward arrow exit sign. Standard or Self-Test versions available.

Features

- Slim profile LED panel
- Three hour rated duration
- Maintained or non-maintained operation
- Class I, IP20
- Uniform backlight
- Bottom edge LEDs
- Surface mounting
- Li-Ion battery
- Choice of exit sign graphics
- Mercury free

Specifications

Order Code	KAL0105	KAL0105/ST
Input Power (Max)	5 W	5 W
Emergency Output power	1 W	1 W
Voltage	220-240 Vac 50-60 Hz	220-240 Vac 50-60 Hz
Current	53 mA	40 mA
Protection	Class I, IP20	Class I, IP20
Power Factor	0.41	0.55
Luminous Flux without exit sign	Maintained Mode 150 lm / Emergency Mode 150 lm	Maintained Mode 150 lm / Emergency Mode 150 lm
Luminous Flux with exit sign	Maintained Mode 80 lm / Emergency Mode 80 lm	Maintained Mode 80 lm / Emergency Mode 80 lm
CCT	6500 K Day Light	6500 K Day Light
Lifetime (h)	40000	40000
Warm-up time to 60%	Instant full light	Instant full light
LMF at Nominal Lifetime	0.75	0.75
Height x Width x Depth	192 mm x 380 mm x 35 mm	192 mm x 380 mm x 35 mm
Mounting	Surface	Surface
Weight	1.14 kg	1.14 kg
Inrush Current (peak/duration)	12.4 A / 120 μ s	12.4 A / 120 μ s
Ambient Temperature Range	0 to 40 °C	0 to 40 °C
Emergency Conversion Time	1 second	1 second
Emergency Operating Time	3 hours	3 hours
Battery Charging Time	24 hours	24 hours
Battery Life	4 years	4 years
Battery Type	Li-Ion	Li-Ion
Battery Capacity	2000 mAh	2600 mAh
Battery Voltage	3.6 V	3.7 V
Battery Code	KBAT2000L11	KBAT2600L11
Emergency Operation Test	Manual	Self-Test (ATS Type S)

Accessories

Type	Code	
Battery	KBAT2000L11	Li-ion, 2000mAh, 3.6V (for standard)
Battery	KBAT2600L11	Li-ion, 2600mAh, 3.7V (for self-test)

Dimensions

