



# SELF-CONTAINED WHITE LED EMERGENCY DOWN LIGHT

... is designed with low EMI and specially equipped with a customised proprietary Hybrid IC for higher reliability and greater efficiency in operation. Small and aesthetically in design. Easy installation. It stays inconspicuously and maintains the original interior decoration of the premises.

Suitable for Banks, Computer Rooms, Offices, Cinemas, Hotels, Shops, Supermarkets, etc.



## TECHNICAL CHARACTERISTICS

INPUT VOLTAGE	: 230Vac 50/60Hz ± 10% or 115Vac 50/60Hz ± 10% or others
BATTERY	: High temp rated Nickel Cadmium cells 2.4V 2.5Ah
LAMP USED	: 1W SMT White LED or 3W Super Bright LED Module, Light Output 280 lm
RATED PERIOD	: > 3 hrs or others
MODE	: Non-maintained
OPERATION TEMPERATURE	: ta 40 °C
POWER CONSUMPTION	: < 6VA
CHARGE/FAULT MONITOR	: Super bright Green LED 5mm Ø
RECHARGE PERIOD	: 16 ~ 24 hrs
EMERGENCY LUMINANCE	: 15 Lux (1m)
ELECTROMAGNETIC FIELD	: 6.9m gauss @ 0.1m
CHARGER	: Hybrid controlled charger
PROTECTION	: Low volt cut-off to prevent battery over discharge Incoming AC fuse, Circuit Protection Fuse and Battery DC fuse Tropical climate protection coating on hybrid control circuit
CONSTRUCTION	: Electrode galvanised sheet steel with epoxy powder coating
DIMENSION	: 185mm(L) x 185mm(W) x 70mm(H)
PACKING	: One unit per carton
CARTON / DIMENSION	: Double wall corrugated / 190mm(L) x 190mm(W) x 80mm(H)
COMPLIANCE	: CP 19-2000, SS263 : Part 2, IEC 598-2-22, AS 2293
WARRANTY	: 1 Year

## EHS 109-LED-SQ

IP 20

HYBRID  
www.samcom.com

Hybrid Charge

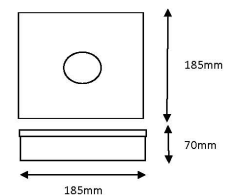


*HYBRID IC CONTROLLED SELF-CONTAINED  
EMERGENCY SQUARE LED DOWN LIGHT SUPER  
BRIGHT 1W SMT NICHIA WHITE LED LAMP LOW  
POWER CONSUMPTION (SURFACE MOUNTING)*

## ORDERING INFORMATION

MODEL	LAMP USED	BATTERY CAPACITY	DURATION	GROSS WEIGHT
EHS 109-LED-SQ	1W SMT White LED	2.5 Ah	3 hrs ± 10%	1.45 kg
EHS 136-LED-SQ	3W Super Bright LED	2.5 Ah	2 hrs ± 10%	1.45 kg

## DIMENSION (mm)



Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.



ISO9002-SAM-CAT-2016-021