

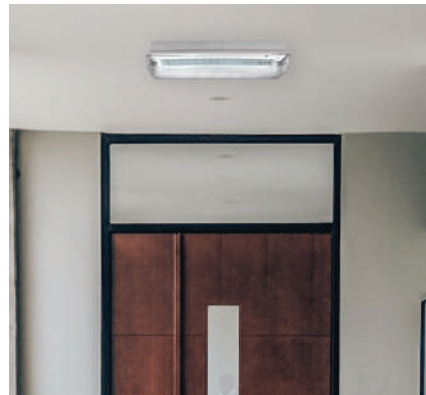


### Advantages of NiMH rechargeable batteries



#### Nickel Metal Hydride (Ni-Mh) Battery

- 40% Higher capacity than Ni-Cd
- Limited memory effect
- Environmentally Friendly



#### What is Power Factor?

Power Factor is an index used to measure the efficient use of electricity. This index is measured on a range of 0 to 1.0. A high Power Factor index (e.g. above 0.90 or 0.95) indicates an efficient level of electricity usage. On the other hand, a low Power Factor index (e.g. under 0.85) shows an inefficient use of electricity, indicating electricity wastage.



#### Why you need to maintain a high Power Factor?

- No additional charges in monthly electricity bill as there is no Power Factor Surcharge.
- Extends the lifespan of electrical appliances.
- Reduces electrical wastage for electricity installations at customers' premises.
- Conserves the environment by lowering fuel usage and helps the country reduce carbon dioxide (CO<sub>2</sub>) emissions. \*A Power Factor Surcharge will be imposed on Power Factor index below 0.85 0.90.



Products shown are for illustration purposes only.



Emergency Light Series

LED BY:  
**OSRAM**  
Opto Semiconductors



ECO FRIENDLY  
NI-MH BATTERY



HIGH  
POWER FACTOR  
> 0.90



HIGH LUMEN



CERTIFIED BY : SIRIM QAS INTERNATIONAL SDN BHD

JAMBATAN BOMBA DAN PENYELAMAT MALAYSIA

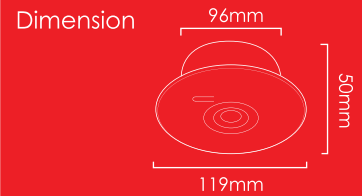
# LED Recessed Emergency

## Light Series



**HEL-R100**

Ideal for indoor areas where aesthetics are important. Suitable for various indoor environments such as home, washroom, retail, commercial, hospitality and healthcare industries and hotel.



**MODEL : HEL-R100**

TYPE	: NON-MAINTAINED MODE	SELF CONTAINED LUMINAIRE
BATTERY	: NI-MH AA 3.6V 1200 MAH	RECESS EMERGEY LIGHT
LAMP	: 4 x 0.5W OSRAM LED CHIPS	MOUNTING HEIGHT : 3M TO 8M
INITIAL LUMENS TILL 3 HRS	: 174lm - 150lm	
VOLTAGE	: ~240V 50/60Hz	POWER FACTOR : > 0.9
DURATION	: 3 HOURS	INPUT CURRENT : 0.015A
TEST STANDARD	: MS IEC 60598-1:2012 & MS 619-2-22:2005	
DIMENSION	: Ø 119mm x 50mm	CUT HOLE SIZE : Ø 96mm
SAFETY FEATURE	: Low-voltage cut-off to prevent over-discharge of battery	
CONSTRUCTION	: Injection moulded fire retardant Polycarbonates housing with crystal clear diffuser	



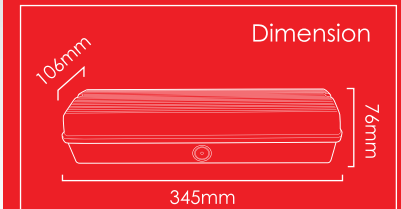
# LED Surface Emergency

## Light Series



**HEL-S30LED**

Easy installation, no additional brackets required. Suitable for various indoor environments such as industrial, shopping mall car park, concrete surface and corridor.



**MODEL : HEL-S30LED**

TYPE	: NON-MAINTAINED MODE	SELF CONTAINED LUMINAIRE
BATTERY	: NI-MH AA 3.6V 1200 MAH	SURFACE EMERGEY LIGHT
LAMP	: 30 x 0.2W OSRAM SMD LED	MOUNTING HEIGHT : 3M TO 8M
INITIAL LUMENS TILL 3 HRS	: 197lm - 155lm	
VOLTAGE	: ~240V 50/60Hz	POWER FACTOR : > 0.9
DURATION	: 3 HOURS	INPUT CURRENT : 0.015A
TEST STANDARD	: MS IEC 60598-1:2012 & MS 619-2-22:2005	
DIMENSION	: 345mm x 106mm x 76mm	
SAFETY FEATURE	: Low-voltage cut-off to prevent over-discharge of battery	
CONSTRUCTION	: Injection moulded fire retardant Polycarbonates housing with clear reeded diffuser	

