

SIRIUS LED EMERGENCY LUMINAIRE



SIRIUS

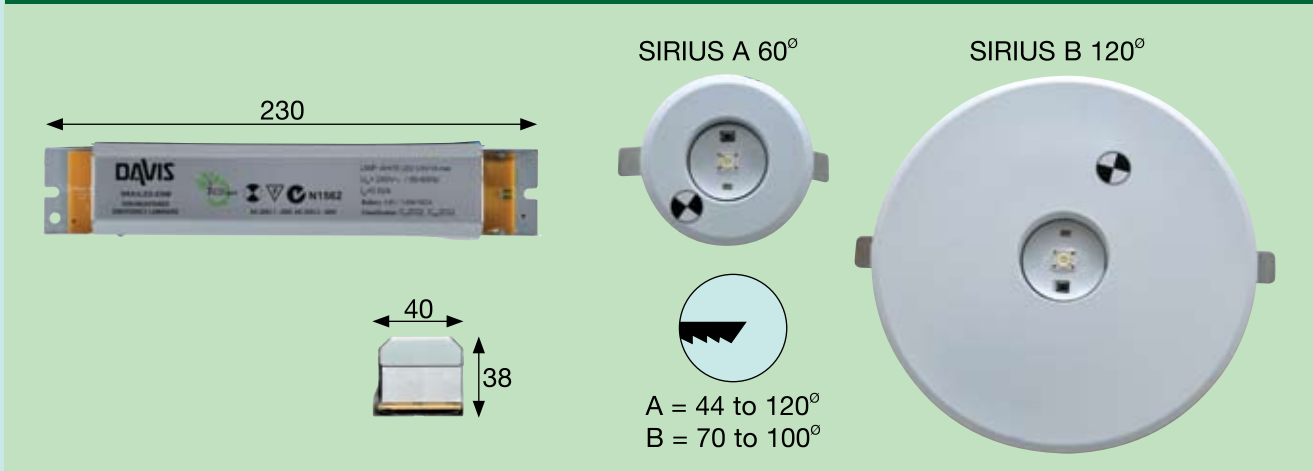
FEATURES

- Wider spacing than a traditional 10W halogen
- Energy savings, extra low stand-by power consumption
- Slim casing, fits through 50mm hole
- Batteries and charger in single casing, easier assembly
- Regulated charger output
- Low Battery voltage cut-off with latch function, eliminates over-discharge
- High temperature, 70° OC NiCd battery pack
- Micro-charge indicator and Test button switch
- Environmental-friendly - lead-free (Pb) and RoHS compliant
- 1.2 metre supply cord

APPLICATION

- All commercial interior installations
- Offices and Workplaces
- Retail Shopping Centres and Big Box Operations
- Hospitality and Recreational Facilities
- Subways and Amenities
- Schools and Institutes
- Hospitals and Medical Centres

DIMENSIONS AND CUT-OUTS



Environmental Savings

- 70% Reduction energy consumption
- 73% Reduction heavy metal use
- 33% Reduction in weight
- 51% Reduction in package volume
- 40% Reduction in cardboard use
- No lamp replacement

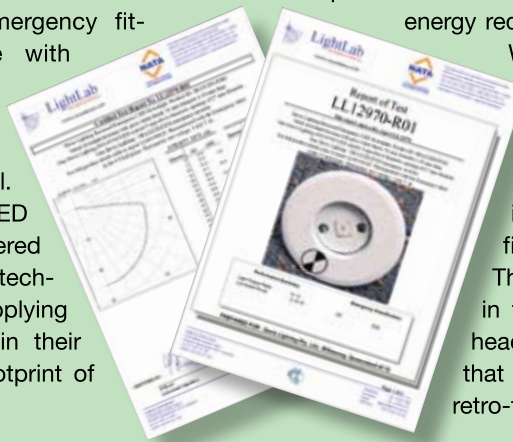
- 6 Watts to 1.5 Watts
- Less to recycle
- Less transport cost
- Less storage space
- Fewer trees cut down
- Less Greenhouse gas used

Sirius is the culmination of work of two engineering experts combining their skills to significantly reduce the carbon footprint of emergency lighting throughout Australasia.

Traditional tungsten halogen emergency lighting was introduced over 29 years ago. This style of luminaire, commonly referred to as a 'Spitfire', has dominated the market place since then. The current surge to change to LED's has seen a new breed of luminaire entering the market. LED emergency fittings are currently available with both single and twin LED light sources that represent a greener alternative to the existing tungsten halogen model. However, manufacturers of LED emergency luminaires have entered the market using existing LED technology, without necessarily applying lighting technology principles in their effort to reduce the carbon footprint of these luminaires.

At Davis Lighting, we applied our innovative engineering skills to utilize the previously wasted luminous flux from a LED. This breakthrough has allowed our electronic engineers to reduce the size and number of batteries necessary to power an LED. Reduced battery size equates to less energy required to charge and maintain the system.

We have also incorporated the charger and batteries into one small module, providing a cascade of savings throughout the entire chain of manufacture from case, components, batteries, cardboard etc through to a land-fill at the end of the life of the LED. This exciting new technology is available in two models, the SRA3LED-ENM, 60°mm head, and the SRB3LED-ENM, 120°mm head that is suitable for either new installations or retro-fitting on existing installations.



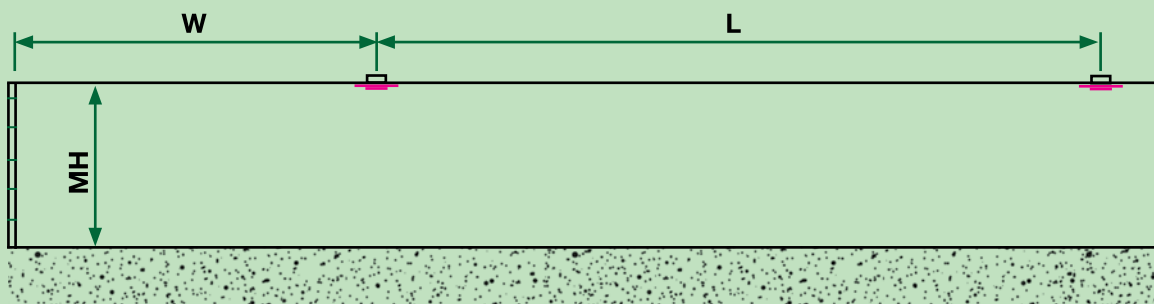
Design Details

SRA3LED-ENM SRB3LED-ENM

Mounting Height in Meters		2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
Luminaire Classification		Spacing Between Luminaires in Meters														
D32	L	15.4	16.1	16.7	17.2	17.6	18	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3	14.6
E32	L														20.8	17.4
		Spacing Between Luminaire & Wall in Meters														
D32	W	7.7	8.05	8.35	8.6	8.8	9	9.25	9.55	9.75	10.1	10.3	10.35	10.3	10.15	7.3
E32	W														10.4	8.7

Indicated best spacing for mounting height

Spacing Details



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