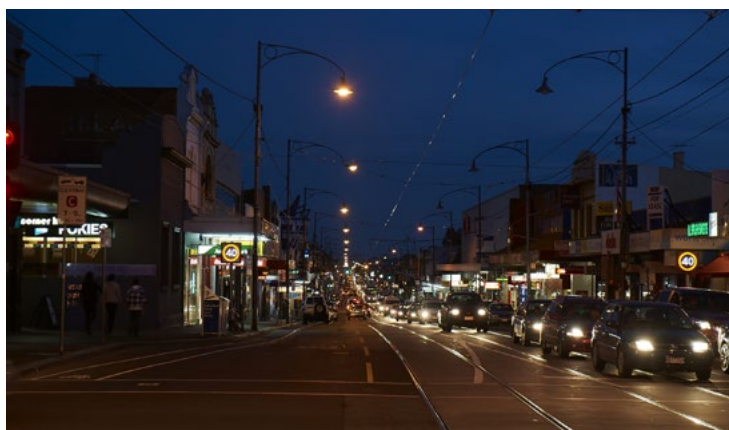




## **WE-EF - Sydney Road Street Lighting Upgrade**

Street Lighting is a vital asset for a community to feel safe and secure. This year, Moreland City Council announced a package of \$1.75 million in community safety funding initiatives, which included the installation of security cameras along Sydney Road and a particular focus on the upgrade of its street lighting, after a community safety audit revealed that lighting was the major issue of concern in the area.

Following the sustainable route, the council decided to shift all high-pressure sodium streetlights to the more energy efficient LEDs. After the official tendering process, it was determined that WE-EF was the only supplier capable of delivering a LED luminaire that meets all the technical and design guidelines for the beautification program. Working closely with the council and other organisations such as Vic Roads, Yarra Trams, Vic Rail and Jemena, WE-EF provided a solution that satisfied all parameters for road lighting. The scope of work was a difficult task, lighting engineers at WE-EF had to make sure that the lighting levels would comply with roadway lighting standards, category V3. The light poles location and height could not be altered, therefore a series of optical lenses were introduced to achieve compliance. The WE-EF ASP530 post top in 118W and 4000K colour temperature was the chosen luminaire because it blends easily with the existing old-fashioned light poles and its diverse beam distributions provide optimal output performance and glare control. A section of the street lights along Sydney Road in Coburg was selected for the initial installation. Thirty light pole tops were replaced from the conventional HPS lamps, known for their distinctive yellow hue, to the brighter cool white LEDs. The upgrade delivers a clearer and better quality light that can be appreciated in the “before and after” pictures taken for this article.



The transition to a LED outdoor luminaire, like the ASP530 in urban street lighting, not only facilitates a 25% energy savings and a lower maintenance cost for the council in future. Its unique lens technology demonstrate greater lighting control that illuminates the horizontal plane while reducing light pollution into the city skyline. The LED superior colour rendition improves visual definition, which is captured by the digital camera on the images below. The one on the left shows the yellow haze produced by the HPS lamp, affecting the true colours of the road and buildings, including the colours of the street and commercial signages. The image on the right is crisper and shows a more accurate perception of the colours and textures of the road and other surfaces within the streetscape at night time.

For more project images, visit the **Buckford website**.

The B.I.G. Team



**ASP530**  
**Product Information >>>**



## ERCO OPTEC Contour Spotlight



The Optec family covers the full bandwidth of lighting requirements in shops, galleries and museums – high-contrast accent lighting, floodlighting of exhibits, uniform illumination of walls, or sharp-edged beams for striking effects. ERCO has now added an 18W version to the Optec contour spotlight for higher lumen packages. This leaves all options open for projections even in rooms with high ceilings for strong brightness contrasts. The framing attachment prevents spill light on the ceiling and ensures excellent visual comfort.

**Optec Contour Spotlight**  
**Product Information >>>**





## TRILUX BELVISO LED Recessed Downlight



The Belviso luminaire family represents high quality lighting solutions together with glare-free light and unusual lighting effects. The design of the Belviso Cassette as a pure surface is enlivened by the precisely delineated light contour. The colour-illuminated light frame is available optionally and achieves an emotional upgrading of the lighting design. Five expressive alternatives mean that room-specific or individual colour codings can be selected.

**Belviso LED**  
**Product Information >>>**

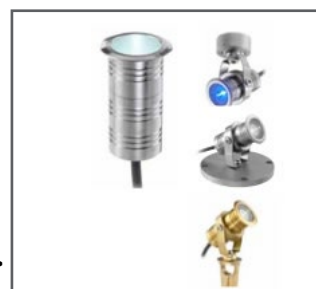


## MEGABAY OMNYX 2 Miniature LED Marker



The Omnyx range of sub-miniature luminaires offer a decorative yet functional pixel for your lighting design. Its robust brass construction and waterproof rating allows the Omnyx to withstand the harshest of environments to produce stunning effects. Featuring thermal intelligence technology, it is also suitable for submersion with an IP68 rating. Available in 3 different white colour temperatures as well as coloured LED with a clear or diffused dome or flat lens.

**Omnyx 2 LED Marker**  
**Product Information >>>**



### OUR BRANDS

**ERCO**

**we-ef**



**TRILUX**  
NEW LIGHT.

**megabay**  
ILLUMINATE YOUR WORLD

**CASTALDI**  
LIGHTING

*Copyright © 2014 Buckford Illumination Group, All rights reserved.*

### Our mailing address is:

**Buckford Illumination Group**  
PO Box 609  
Port Melbourne, VIC 3207

Phone: 03 9646 8201  
Email: [sales@buckford.com.au](mailto:sales@buckford.com.au)

**Add us to your address book**