

BEKA LEDtwin: Multifunctional LED Luminaire & Light Structure

BEKA's new LED luminaire and light structure, the BEKA LEDtwin, has been designed with striking aesthetical features, whilst at the same time providing high-quality area lighting. This multifunctional luminaire has been made to meet requirements of ambience lighting and floodlighting.

The BEKA LEDtwin has been designed for today's contemporary architecture and has thus been appreciated by architects throughout South Africa. BEKA provides with this luminaire not only an aesthetical solution for a luminaire but makes it, by means of many different optical distributions, suitable for many different exterior lighting applications, like street lighting, area lighting, pathway lighting, etc.

It also takes cognisance of Africa's environments and conditions. This is evident in the unique thermal sensor technique, which monitors the temperature

of the LEDs on the printed circuit boards (PCBs). Once a critical temperature is reached, which could harm the lifetime of the LEDs, the current is reduced to a safe temperature level. This safeguards the LEDs and ensures that the long lifetime of minimum 60,000 hours with only 20% light depreciation (L80) at ambient temperatures of 35°C, resulting in a lifetime of approximately 15 years as envisaged by the LED manufacturer, is reached.

As always, BEKA's fabrication of both the structure and luminaire housing takes into account ease of installation and optimal thermal management, as well as ingress protection of the luminaire, thus ensuring longevity of the structure which was designed to match the long life expectancy of the LED technology.

Beside its technological advantages, this elegant structure and luminaire will add grace to contemporary spaces.

The BEKA LEDtwin comes with a wide choice of photometric solutions for both efficiency and visual comfort in the urban environment. It is available in 4m and 6m versions. The versatile BEKA LEDtwin range has matching options, such as a wall mounted version and bollard type structure adding to this elegant luminaire range.

BEKA's FutureProof concept ensures upward compatibility to newer technologies. It allows for replacement of the LED Engine and Power Supply for maintenance reasons, as well as the rapid changes and improvements of the LED technology.

The LEDtwin can also be offered with a micro daylight switch. Other lighting control options can be added to this LED luminaire range to make it even more energy efficient to ensure a greener tomorrow.

For more information, contact Rui Silva on 011 238 0034 or silvar@beka.co.za.



BEKA LEDtwin Multifunctional LED luminaire

- Designed to operate LED light sources of up to 62W in an ambient temperature environment of up to 35°C, without reducing the LED lifetime of 20 years, at a lumen depreciation of not more than 30% (L70)
- No lamp or component replacement for more than 15 years
- Optional daylight switch version
- Wide choice of photometric solutions for both efficiency and visual comfort in the urban environment
- Low light pollution
- Available in 4m and 6m versions
- Easy installation and maintenance
- Numerous configurations for all urban applications
- Multifunctional luminaire made to meet requirements of ambience lighting and floodlighting
- Luminaire tightness level: IP65



Beside its technological advantages, this seamless and elegant structure and luminaire will add grace to contemporary spaces

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