



ANGELA & ANGELINA – SIMPLY BRILLIANT

LX K12
LX K16
LX S2000
LX S3000
LX S5000
CXA15
BXRA ES S
CXA30
Vero13
Vero18
Vero29
Mega Zenigata
Tiger Zenigata
CLL020
CLL030
CLL040
Soleriq E30
40W



LEDiL introduces family of reflectors for Zhaga-compliant connectors

Meet ANGELA and her little sister ANGELINA. Two new families of reflectors for Zhaga-compliant solderless connectors. Optimized for performance they provide comprehensive support for the widest range of COB's from more than ten manufacturers including Bridgelux, Citizen, Cree, Nichia, Osram, Philips Lumileds and Sharp. Common mechanical interface streamline R&D and manufacturing considerations.

When developing 120 mm diameter ANGELA, specific attention was given to performance. This can be noted in the spot version which is optimized to provide a well defined beam pattern and centre beam candela power (CBCP). Smaller 85 mm diameter ANGELINA displays beam characteristics typical for downlights and general lighting.

ANGELINA and ANGELINA families represent the finest example of LEDiL's system reflectors philosophy - one design, endless possibilities.



TECHNICAL SPECIFICATIONS

ANGELA

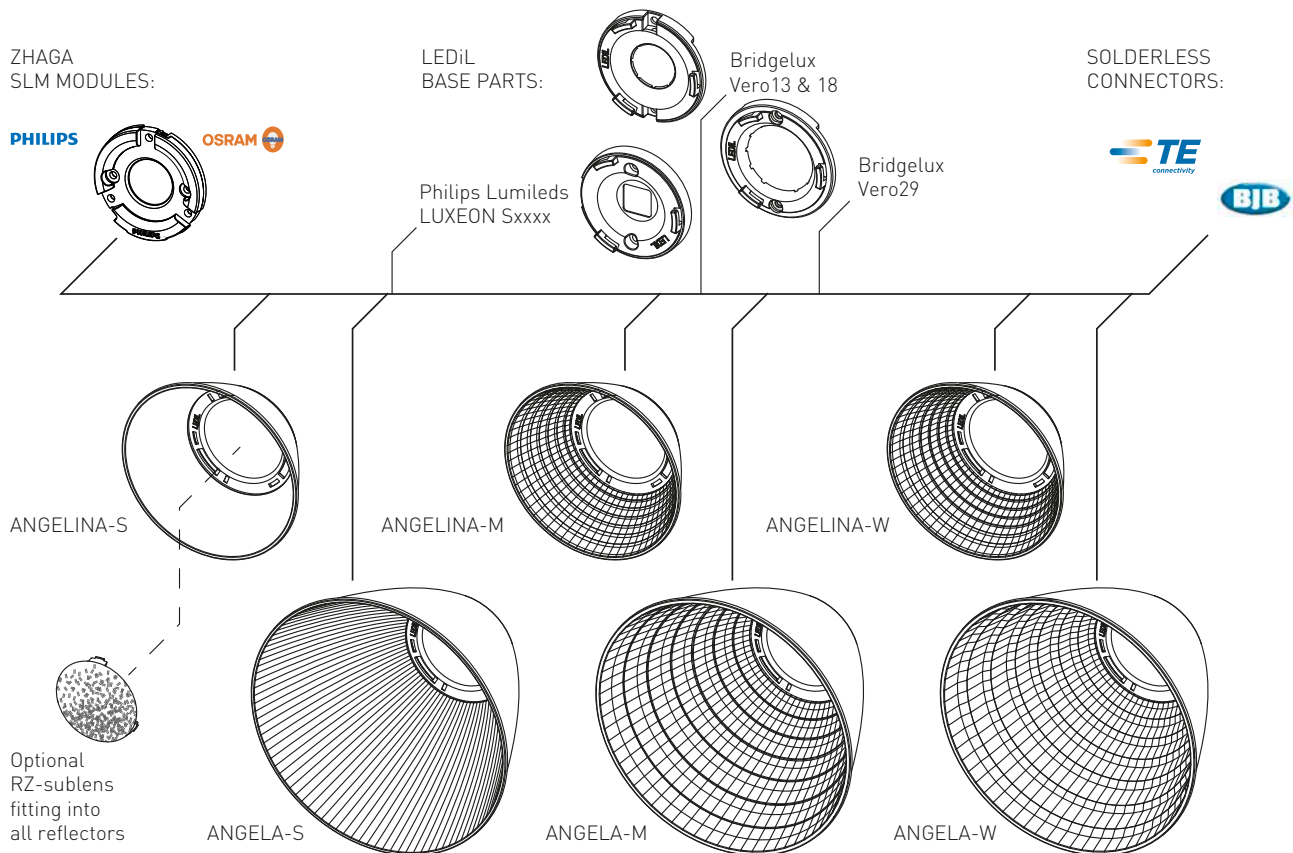
- Diameter 119,5 mm, height 74,5 mm
- Typical FWHM values*:
 - ANGELA-S: $\approx 12^\circ$
 - ANGELA-M: $\approx 20^\circ$
 - ANGELA-W: $\approx 35^\circ$
- Typical efficiency: 93%
- RoHS and Reach compliant
- Precision-molded from high grade PC UL94 HB rated material with operating rating -40°C to $+100^\circ\text{C}$

* Depends on the chosen LED

ANGELINA

- Diameter 82 mm, height 31 mm
- Typical FWHM values*:
 - ANGELINA-S: $\approx 17^\circ$
 - ANGELINA-M: $\approx 28^\circ$
 - ANGELINA-W: $\approx 45^\circ$
- Typical efficiency: 93%
- RoHS and Reach compliant
- Precision-molded from high grade PC UL94 HB rated material with operating rating -40°C to $+100^\circ\text{C}$

ANGELA & ANGELINA families



ORDER CODES AND DETAILED PRODUCT SPECIFICATIONS:

<http://www.ledil.com/angela>