

PRODUCT RELEASE

LEDiL's new ZORYA -360° silicone optic for retrofits

LEDiL proudly presents ZORYA, a highly efficient silicone molded LED optic that mimics a traditional light bulb beam pattern. Due to the combination of LEDiL's expertise in optic design and silicone molded lenses, one ZORYA is compatible with COB's capable of luminous flux over 10.000 lumens. This incandescent lens is compatible with a large variety of LES sizes from 6mm to 24mm and yet able to achieve a substantial amount of backlight. With ZORYA there is no need for separate dome structures on top of the optics and you can easily achieve IPratings needed for the application.

FEATURES

- Energy Star standards fulfilling omnidirectional lens
- Twist and lock holder system allows the lens to be used with solderless connectors
- High efficiency (95%) with excellent UV, heat, impact and ingress protection
- Can be used as it is, or with external protective cover

COMPATIBILITY

- LES sizes from 6 mm to 24 mm
- Stucchi, BJB and Tyco solderless connectors
- 40 and 50 mm LEDiL adapters



FA15073_ZORYA-SC-50

TYPICAL APPLICATIONS

- Retrofit
- Walkway lighting
- Industrial lighting
- Garden lights

The information contained herein is the property of LEDiL 0y, Salorankatu 10, FI-24240 SALO, Finland and is subject to change without notice. Please visit www.ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and application notes relating to handling, gluing and taping



TECHNICAL SPECIFICATIONS

- Silicone
- Diameter: 56 mm
- Height: 27 mm
- Typical efficiency: 95%



APPLICATION EXAMPLE

Walkway lighting with ZORYA



- Distance between luminaires: ≈10,7 m
- E_{av}: 8.72 lx, E_{min}: 1.68 lx, u0: 0.193



- Luminous flux (Luminaire): 1850 lm
- Distance between luminaires: ≈5,3 m
- E_{av}: 8.2 lx, E_{min}: 1.53 lx, u0: 0.187

ZORYA table lamp

- Luminous flux (Luminaire): 10
- Workplane: E_{av}: 1





ORDERING INFORMATION

FA15073_ZORYA-SC-50 (BJB 47.319.2021 compatible) Upcoming: FA15072_ZORYA-SC-40 (BJB 47.319.6060 compatible) Visit www.ledil.com for ordering codes and latest product specifications, which may vary by LED

The information contained herein is the property of LEDiL Oy, Salorankatu 10, FI-24240 SALO, Finland and is subject to change without notice. Please visit www.ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and application notes relating to handling, gluing and taping.