

ZORYA

Omnidirectional retrofit lenses made from silicone and PC

LEDiL's ZORYA is an exceptionally innovative LED optics design with around 340-degree light distribution. Every tip in ZORYA's design is basically an individual optics itself, creating highly uniform and energy efficient lighting. This allows any LED source to be transformed into omnidirectional lighting that mimics a traditional light bulb beam pattern



NEW

ZORYA-MINI

Small PC lens for traditional bulb retrofits

FEATURES

- Close to 50/50 front- and backlight ratio
- LED lumens easily over 1 000lm with no variations in light distribution
- Excellent color mixing and fully compatible with RGB LEDs
- Available with or without installation tape
- Energy Star compliant

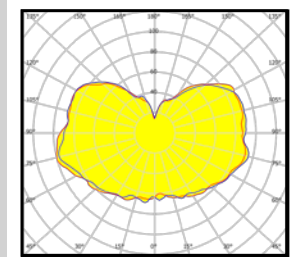
TYPICAL APPLICATIONS

- Retrofits
- Decorative lighting

DESIGN EXAMPLE

ZORYA-MINI assembly simulated with Nichia 757G LED

- Clear bulb cover
- Backlight amount:
 - 46% in total
 - 26% in 110-180 degree
 - 10% in 135-180 degree
- With LED driver efficiency of 90%: 144 lm/W efficacy
- Energy Star compliant



Typical efficiency: 98%



ZORYA-MINI in life Ball luminaire example

ZORYA-MINI



LED only



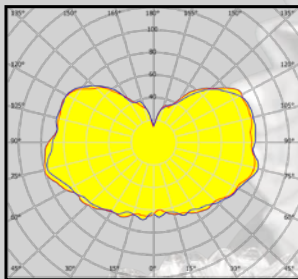
DIMENSIONS

- **ZORYA-MINI**
D: 24mm
H: 14,6mm
- **ZORYA-SC-50**
D: 55mm
H: 35mm

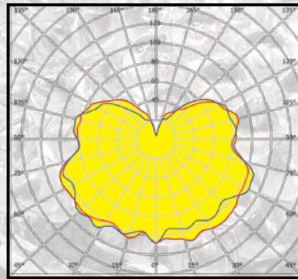
COMPATIBILITY

- **ZORYA-MINI**
For high power LEDs up to 7070 size packages
- **ZORYA-SC-50:**
LES sizes from 6 mm to 24 mm
3rd party connectors from BJB and Stucchi

Also available: ZORYA-SC-ADAPTER-HEKLA
for ZORYA-SC-50 and LEDiL's HEKLA compatibility

ZORYA-MINI

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ZORYA-SC-50

Typical efficiency: 97%

ZORYA silicone lens
for more demanding
applications and bigger
COBs

ORDERING INFORMATION

Consult www.ledil.com/zorya for ordering codes and latest product specifications, which may vary by LED.