



## LEDiL's STELLA family grows – Meet the -T4, simple solution for parking lots and area lighting

LEDiL expands its ingenious STELLA family of silicone optics with a new STELLA-T4. Having an IESNA Type IV short light distribution, it's a perfect one lens solution for illumination of parking lots and other area lighting applications.

STELLA-T4 has an even light distribution with a good cut-off characteristics. It's design is optimized for minimal backlight on the house side.

STELLA-T4 is designed to work with a range of COBs from brands like Cree, Citizen, Bridgelux and Osram with variety of LES sizes. STELLA-T4 works also with various COBs together with IDEAL Chip-Lok Jr. COB array holder.

### FEATURES

- Self-sealing design simplifies luminaire design
- Very good thermal and UV resistance
- Type IV light distribution with wide variety of LES sizes
- Excellent efficiency
- Special features for backlight minimization
- Precise light control and good cut-off
- Special features to prevent house-side peaks

### TYPICAL APPLICATIONS

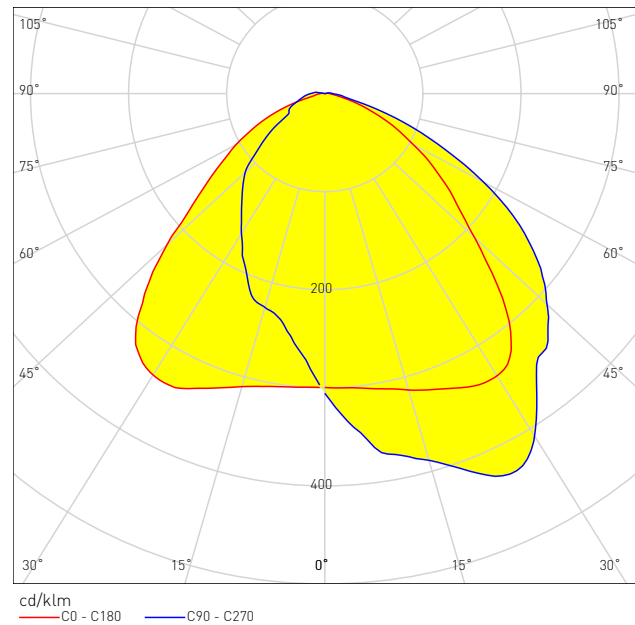
- Street lighting
- Area lighting



FN14645\_STELLA-T4

## TECHNICAL SPECIFICATIONS

- Silicone
- Height: 26,9 mm
- Diameter: 85 mm
- Typical efficiency: 92%
- IESNA Type IV light distribution



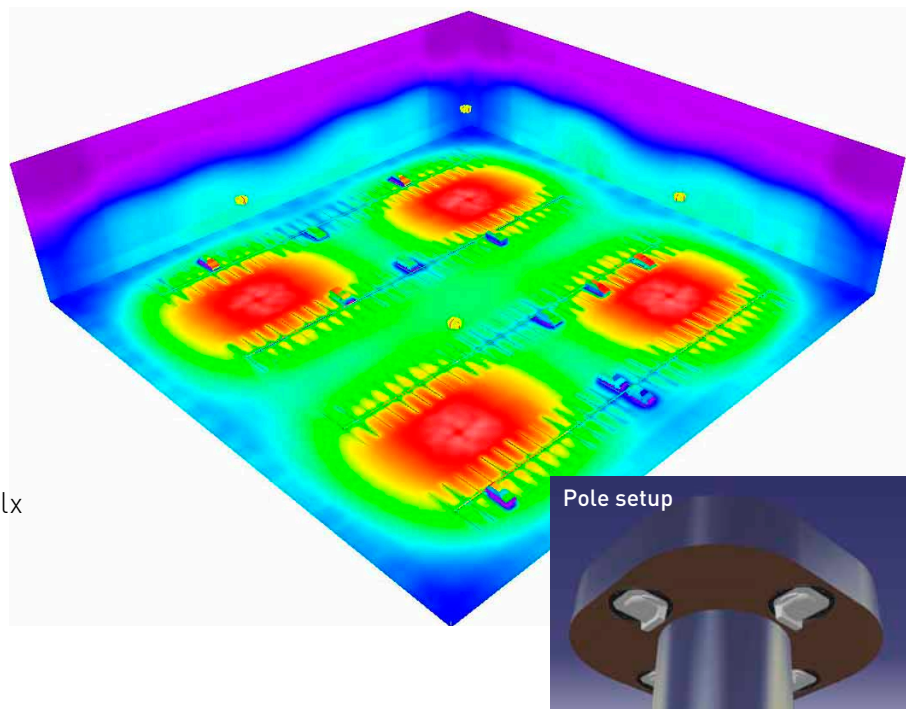
## DESIGN EXAMPLE

### Parking area example

- 4 poles
- 4 light sources per pole
- LED: CXA2590
- 10 000 lumens per luminaire  
(@ $I_{max}$  1,2 A currency)
- Pole height 20 m
- Area size 100 m x 100 m

### Output:

- Average illuminance: 12 lx
- Minimum illuminance: 5,56 lx
- Maximum illuminance 21 lx



## ORDERING INFORMATION

FN14645\_STELLA-T4

Consult [www.ledil.com](http://www.ledil.com) for ordering codes and latest product specifications, which may vary by LED