



## STRADA-2X2-TF – Controlled tunnel lighting with increased perception

LEDiL introduces a new member to the STRADA-2X2 module family, asymmetric STRADA-2X2-TF designed especially for tunnel lighting applications. It's strongly directed counter beam obtains higher  $\text{cd}/\text{m}^2$  efficacy with less lumen, and increases perception of the objects facing driver, by increasing negative contrast between street and vertical surfaces. STRADA-2X2-TF works with small high power LEDs, but also with some of the bigger LED's with flat profile such as Luxeon Mz. For all compatible LEDs visit us [www.ledil.com](http://www.ledil.com)

### FEATURES

- Designed for tunnel lighting applications with counter beam setup
- Strong forward throwing characteristic for better  $\text{cd}/\text{m}^2$  efficacy with fewer lumens
- Designed to have low TI[%] value on most setups
- Light spill reduced on the back side for increased negative contrast between street surface and vertical surfaces

### TYPICAL APPLICATIONS

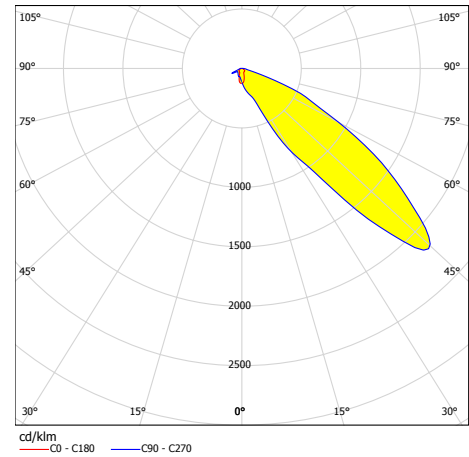
- Tunnel lighting
- Wide area lighting applications that require narrow forward throwing distribution



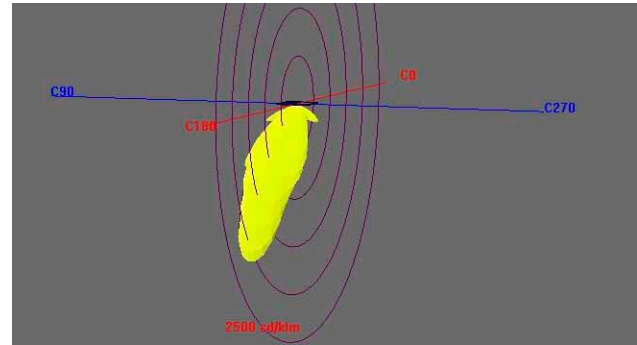
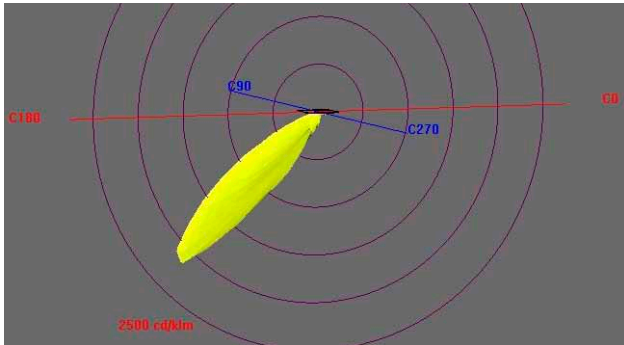
C14556\_STRADA-2X2-TF

## TECHNICAL SPECIFICATIONS

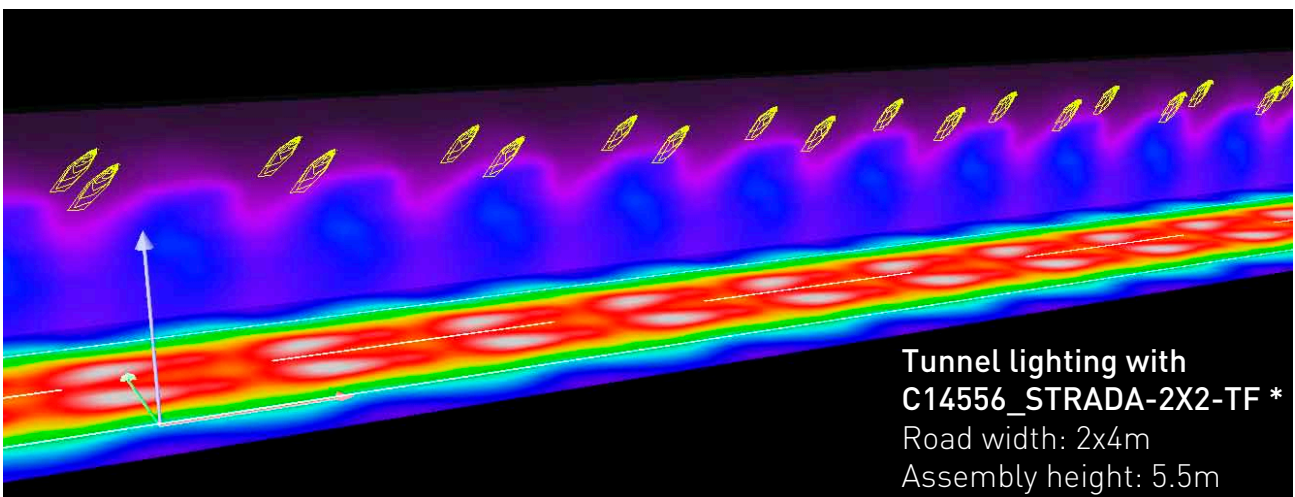
- Dimensions: 50 x 50 mm
- Height: 8.73 mm
- Typical efficiency: 94%
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



### C14556\_STRADA-2X2-TF light distribution



## DESIGN EXAMPLE



\* Please note that each tunnel has unique lighting requirements, above example is meant to show the uniformity of the light and lux ratio between the road and wall surfaces.

## ORDERING INFORMATION

C14556\_STRADA-2X2-TF

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