



STRADA-SQ-FS3 – For tunnels and sport fields

Meet the new member of STRADA-SQ-FS3 to accompany the broad family of STRADA-SQ lenses. Directing the beam extremely far forward with the peak being in 65° it is perfectly applicable for tunnel and sport field lighting. Being just a $25 \times 25 \text{mm}$ in size single optic supporting the latest 7070 size LED packages it has a very wide range of versatility and feasibility opportunities to offer. Requiring only a minimum of 5 mm space between lenses the customer can fully maximize their lamp lumens without having any noticeable shadings in the beam.

FEATURES

- Throws light extremely far forward with the peak being in 65°
- Standard SQ-series footprint and positioning pins. (Please note that beam direction differs 90° degrees from default SQ beam direction)
- Designed especially for tunnel lighting
- Easy installation with included adhesive tape

COMPATIBILITY

- Up to 7070 size LED packages*

TYPICAL APPLICATIONS

- Tunnel lighting (counter beam)
- Sport fields

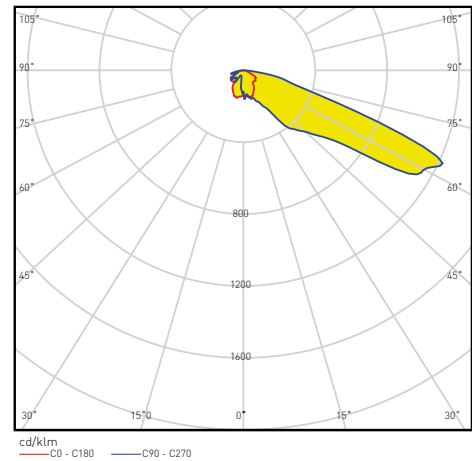


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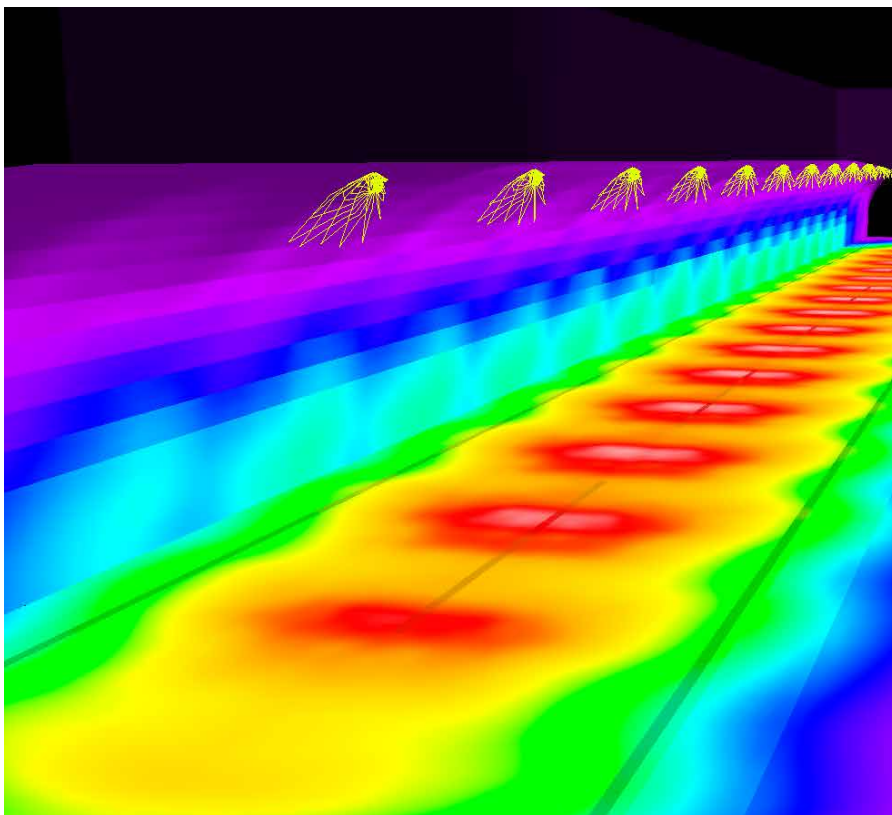
* Go to www.ledil.com/product_search for complete listing of all qualified LEDs. Please send qualification request on email in case you think we are missing a specific LED.

TECHNICAL SPECIFICATIONS

- Height: 16,2 mm
- Dimensions: 25 x 25 mm
- Typical efficiency: 92%
- Precision-molded from optical grade PMMA - UL94 HB rated material with operating rating -40°C to +80°C



DESIGN EXAMPLE



STRADA-SQ-FS3 is designed for counter beam tunnel lighting applications, especially for threshold and transition zones. Strong forward peak intensity at 60-65deg elevation gives higher cd/m² for less lumens, while strong cutoff keeps the veiling luminance low enough to meet tunnel lighting requirements. Beam width is designed to give high uniformity on the road on single row installation when the road width is up to 2x the height of the installation. Illuminance levels on the wall are around 50% of the illuminance levels on the road.

ORDERING INFORMATION

CA15226_STRADA-SQ-FS3

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