

### STRADA-A-XP LENSES FOR CREE XP-E LEDs







- Specially designed for Cree XP-E series of LEDs.
- New extremely wide street light design, vertically wider version coming soon.
- With the result of an extremely creative design lens itself tilts automatically light 4 degrees.
- Special care taken to make a uniform white or warm white illumination.
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F). Allows use of high current and temperature conditions.
- Best available optical efficiency, approximately 94%.
- Fastening to heat sink with or without PU foam adhesive tape of automotive grade, please select which suits the best for your needs.
- We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit boar weaken the strength of the tape.
- Please check fastening details from this link: (http://www.ledil.com/datasheets/DataSheet TAPE.pdf)

#### LENS TYPES

NAME	ORDERING CODE	FWHM Angle
Strada-A-XP	C10818_Strada-A-XP	±42° & ±62° x ±10°
Strada-A-XP-TAPE	CA10823 Strada-A-XP-tape	±42° & ±62° x ±10°



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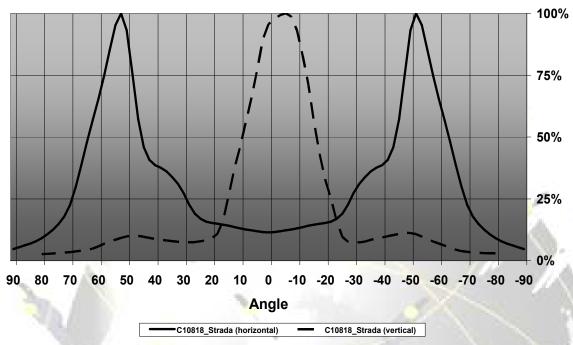
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2011-03-07



#### **MEASUREMENT DATA**





Example configuration (not optimized)

Strada-A-XP

Pole distance: 15m / and single Height above the street: 6m

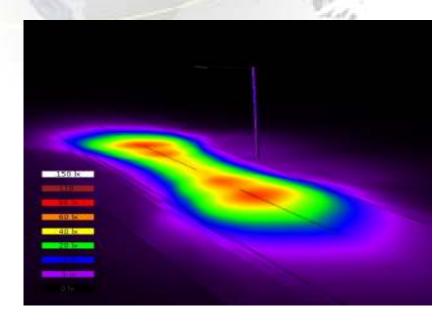
Position of the lamp from the side of the road: 2.2m

Tilt angle of the lamp: 10

100x Cree XP's per lamp 55lm 0.8W (3.2V/250mA)

Lenght: 0.7m Width: 0.3m Rows: 5

LED's per row: 20



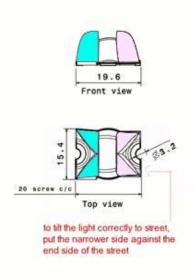
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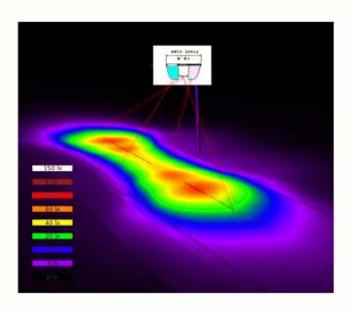


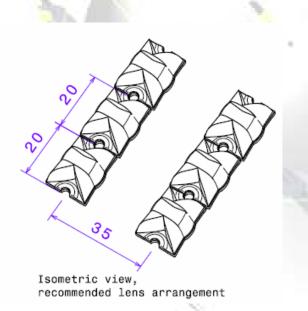
#### 0 В × 4 4 2 0 19.6 Right view Front view 3 3 2 Isometric view 20 screw c/c Scale: 1:1 Top view APP. S 2 Material: PMMA Part no. 10818 screw fastening Part no. 10823 with tape Lens is centered to LED using leds base as guide. See page 2. for lens arrangement and preliminary light distribution. Ledil Oy This drawing is our property. Tehdaskatu 13 FIN-24100 SALO It can't be reproduced or communicated without Finland our written agreement. DRAWING TITLE DRAWN BY DATE Datasheet Strada-A-XP Lens pv 24.11.2008 1 CHECKED BY SIZE DRAWING NUMBER DATE REV 10818, 10823 24.11.2008 0.1 A4 DESIGNED BY DATE 1/2 SCALE 2:1 WEIGHT(g) SHEET hh 20.11.2008 D Α

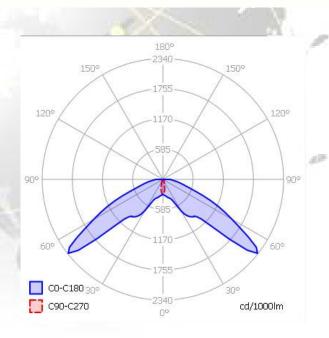
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