

Pedestrian way with Fara Vela15-CD-T2

Example for a single pedestrian way, illuminated with FARA Vela's.

Ansprechpartner(in):
Auftragsnr.:
Firma:
Kundennr.:

Date: 29.03.2014
Operator: Gerd Schnorrenberg



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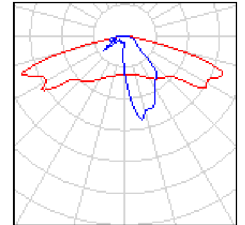
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Pedestrian way with Fara Vela15-CD-T2 / Luminaire parts list

3 Pieces Luxision GmbH FARA-Vela-15-T2
Article No.:
Luminous flux (Luminaire): 1695 lm
Luminous flux (Lamps): 1865 lm
Luminaire Wattage: 15.0 W
Luminaire classification according to DIN: A20
CIE flux code: 35 66 93 100 93
Fitting: 8 x CREE XP-G2 @ 600 mA (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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Pedestrian way / Planning data

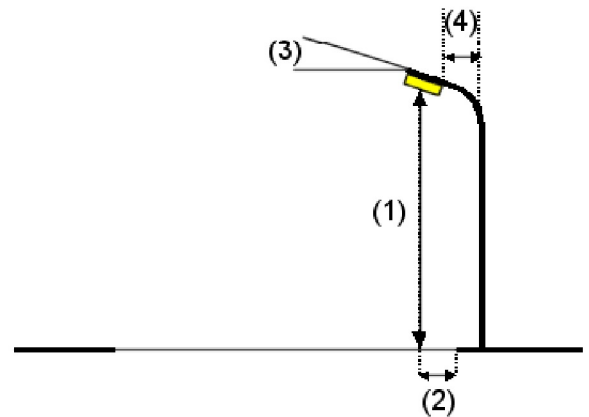
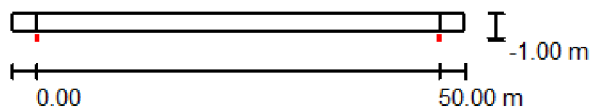
Street Profile

Pedestrian way

(Width: 2.000 m)

Maintenance factor: 0.90

Luminaire Arrangements



Luminaire:	Luxision GmbH FARA-Vela-15-T2
Luminous flux (Luminaire):	1695 lm
Luminous flux (Lamps):	1865 lm
Luminaire Wattage:	15.0 W
Arrangement:	Single row, bottom
Pole Distance:	50.000 m
Mounting Height (1):	8.080 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	0.000 m

Maximum luminous intensities
at 70°: 1094 cd/klm
at 80°: 80 cd/klm
at 90°: 35 cd/klm

Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

No luminous intensities above 90°.

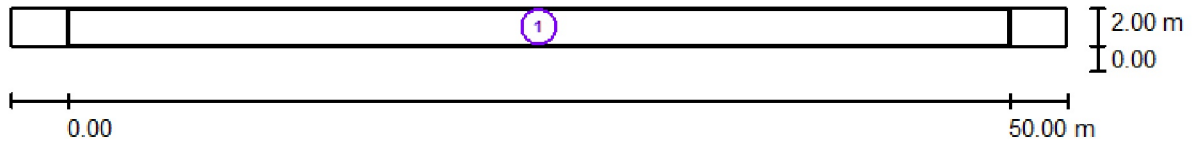
Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

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Pedestrian way / Photometric Results



Maintenance factor: 0.90

Scale 1:401

Calculation Field List

- Pedestrian way
 Length: 50.000 m, Width: 2.000 m
 Grid: 17 x 3 Points
 Accompanying Street Elements: Pedestrian way.
 Selected Lighting Class: S5 (All lighting performance requirements are met.)

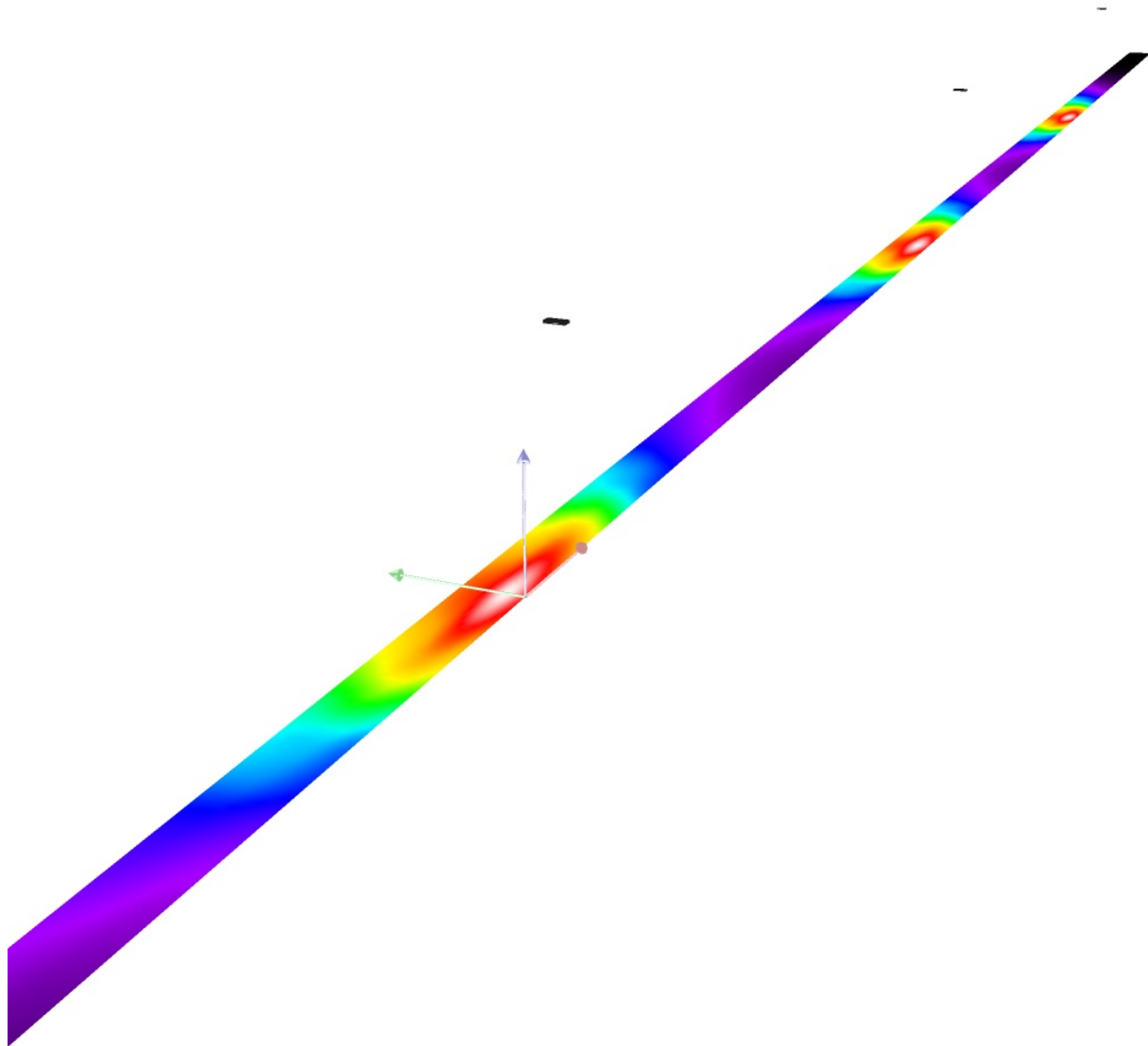
	E_{av} [lx]	E_{min} [lx]
Calculated values:	3.62	0.80
Required values according to class:	≥ 3.00	≥ 0.60
Fulfilled/Not fulfilled:	✓	✓



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Pedestrian way / False Colour Rendering



0 1.25 2.50 3.75 5 6.25 7.50 8.75 10 lx