

Iela ME5

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 28.02.2012

Operator: Sergejs Nikiforovs

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Iela ME5

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Valuation Fields

Valuation Field Roadway 1

Observer

Observer 1

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Observer 2

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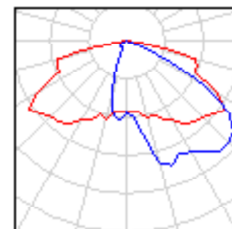
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Iela ME5 / Luminaire parts list

6 Pieces

Article No.:
Luminous flux (Luminaire): 8800 lm
Luminous flux (Lamps): 8800 lm
Luminaire Wattage: 113.0 W
Luminaire classification according to CIE: 100
CIE flux code: 32 71 96 100 100
Fitting: 2 x User defined (Correction Factor
1.000).

See our luminaire
catalog for an image of
the luminaire.

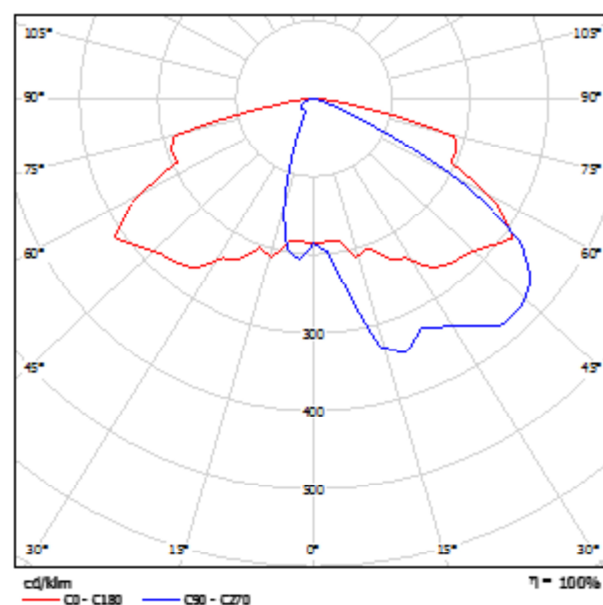


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/ Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 32 71 96 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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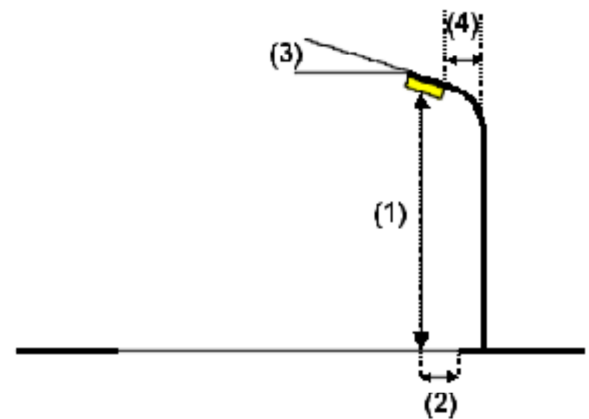
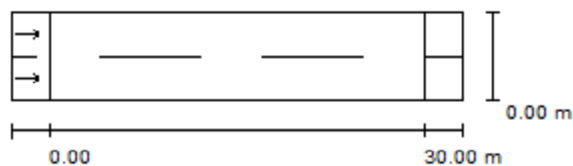
Street 1 / Planning data

Street Profile

Roadway 1 (Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.67

Luminaire Arrangements



Luminaire:
 Luminous flux (Luminaire): 8800 lm
 Luminous flux (Lamps): 8800 lm
 Luminaire Wattage: 113.0 W
 Arrangement: Single row, bottom
 Pole Distance: 30.000 m
 Mounting Height (1): 8.000 m
 Height: 8.000 m
 Overhang (2): 0.000 m
 Boom Angle (3): 15.0 °
 Boom Length (4): 1.000 m

Maximum luminous intensities

at 70°: 650 cd/klm
 at 80°: 437 cd/klm
 at 90°: 80 cd/klm

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

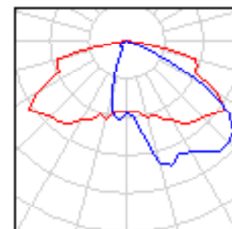
Arrangement complies with glare index class D.6.

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Street 1 / Luminaire parts list

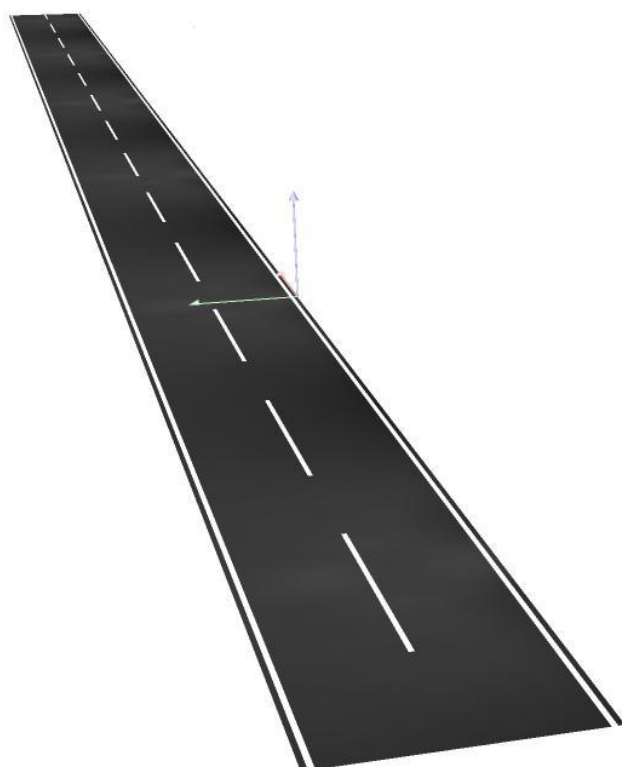
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See our luminaire
catalog for an image of
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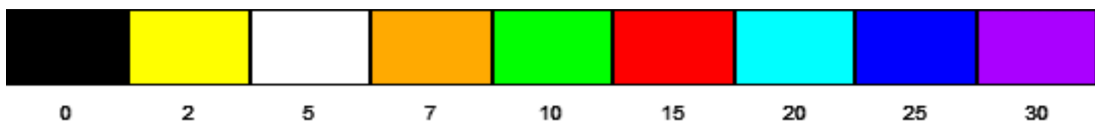
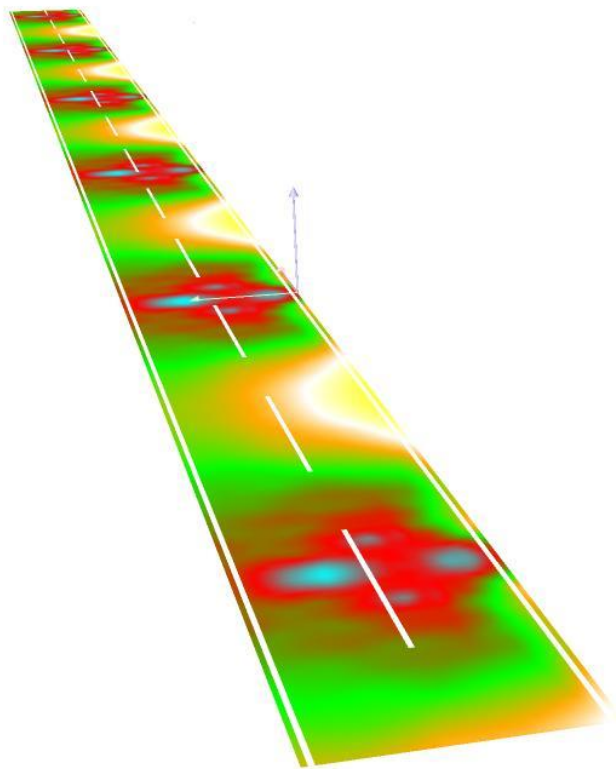
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Street 1 / 3D Rendering



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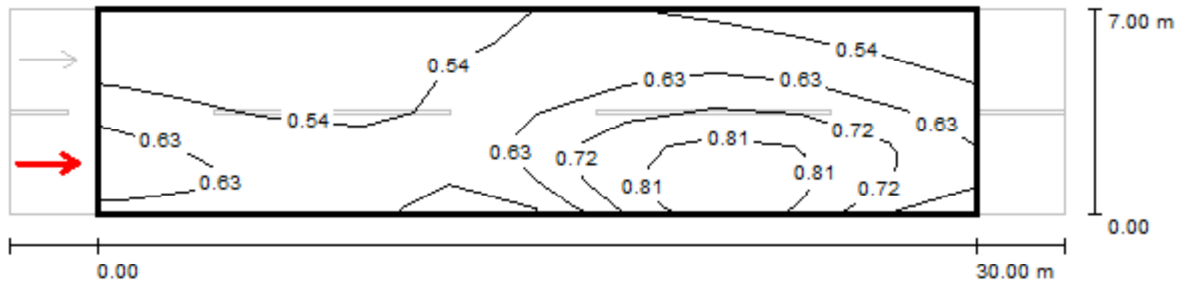
Street 1 / False Colour Rendering



lx

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Street 1 / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

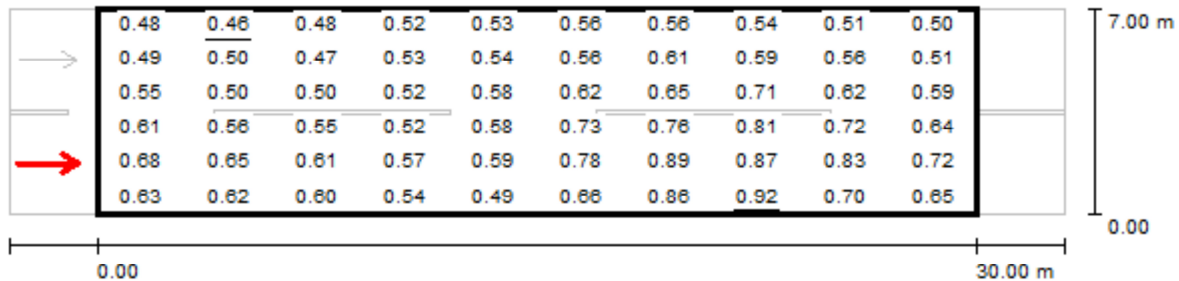
Observer Position: (-60.000 m, 1.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.61	0.75	0.64	7
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Street 1 / Valuation Field Roadway 1 / Observer 1 / Value Chart (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

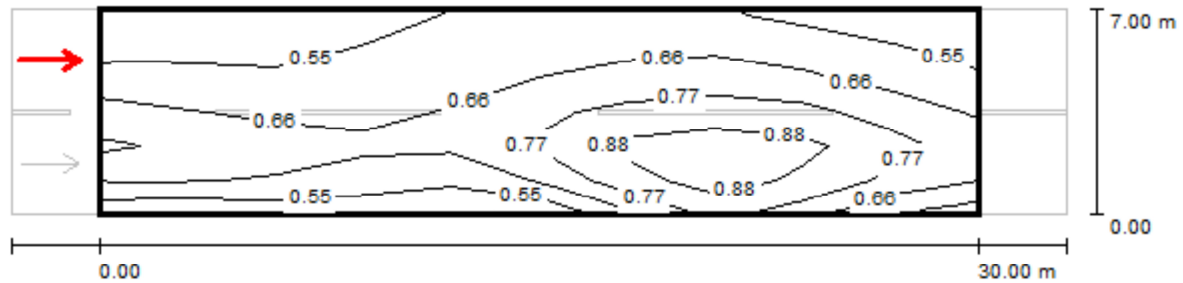
Observer Position: (-60.000 m, 1.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
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Street 1 / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

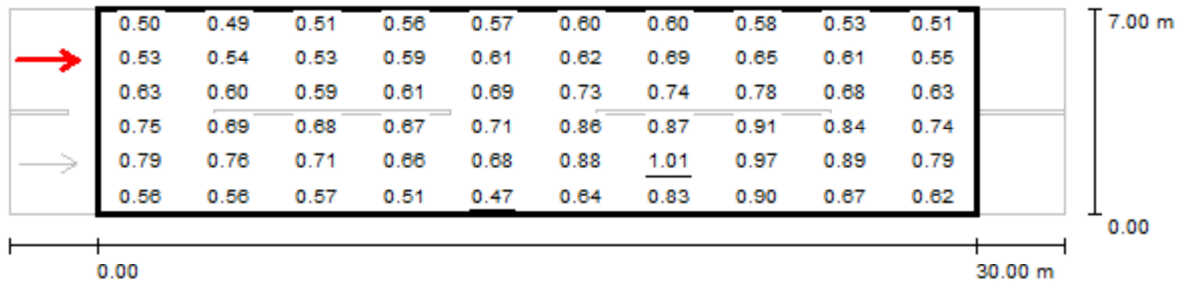
Observer Position: (-60.000 m, 5.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.67	0.70	0.77	10
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Street 1 / Valuation Field Roadway 1 / Observer 2 / Value Chart (L)



Values in Candela/m², Scale 1 : 258

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Observer Position: (-60.000 m, 5.250 m, 1.500 m)

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