

Pilot Project, Cesky Brod

Road

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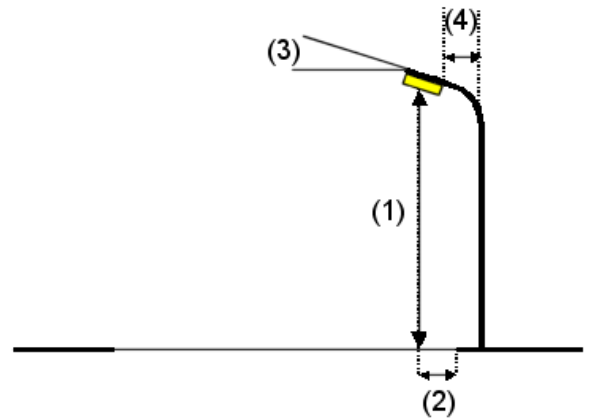
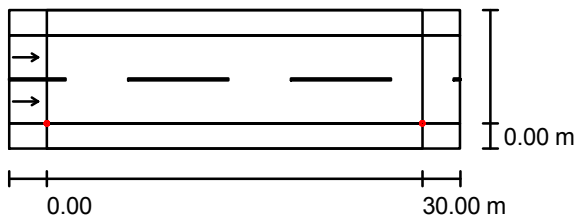
Road Luminaire Lucas III-90 / Planning data

Street Profile

Sidewalk 1	(Width: 2.000 m)
Roadway 1	(Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)
Sidewalk 2	(Width: 2.000 m)

Light loss factor: 0.80

Luminaire Arrangements



Luminaire:	U-Tron Lucas III 90
Luminaire Luminous Flux:	6500 lm
Luminaire Wattage:	120.0 W
Arrangement:	Single row, bottom
Pole Distance:	30.000 m
Mounting Height (1):	7.500 m
Height:	7.500 m
Overhang (2):	0.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	0.500 m

Maximum luminous intensities	
at 70°:	64 cd/klm
at 80°:	24 cd/klm
at 90°:	4.97 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 G5.

Arrangement complies with glare index class D.6.

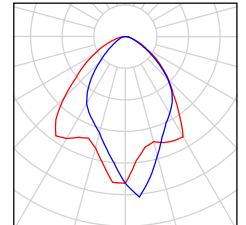
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Road Luminaire Lucas III-90 / Luminaire parts list

U-Tron Lucas III 90
Article No.:
Luminaire Luminous Flux: 6500 lm
Luminaire Wattage: 120.0 W
Luminaire classification according to CIE: 100
CIE flux code: 61 89 98 100 77
Fitting: 1 x Lucas III 90 (Correction Factor 1.000).

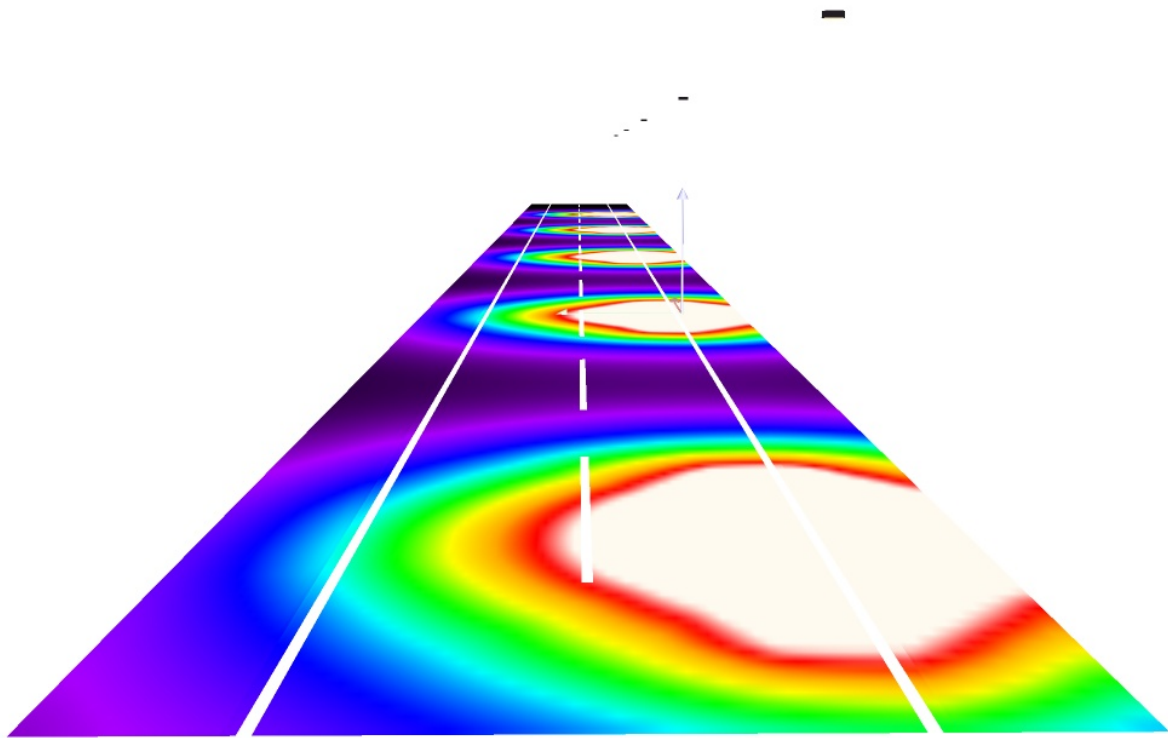
See our luminaire
catalog for an image of
the luminaire.



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Road Luminare Lucas III-90 / False Color Rendering

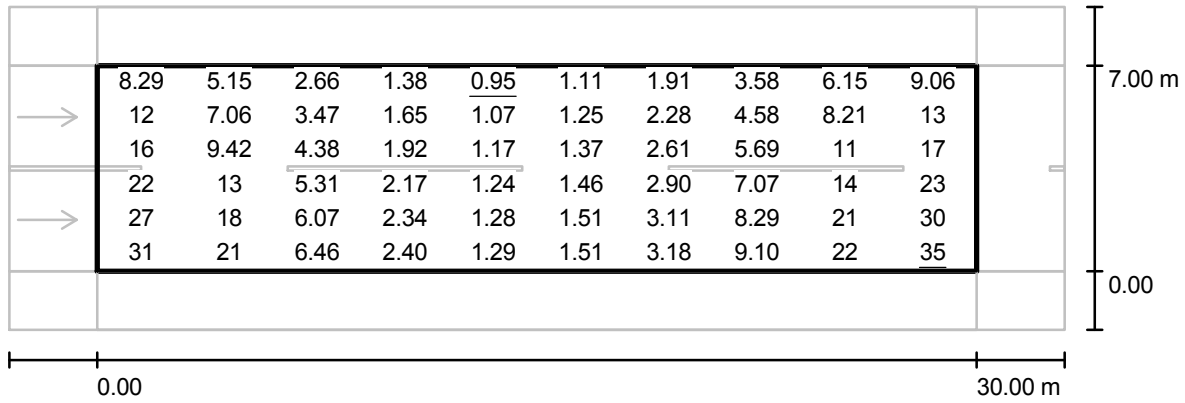


0 2.50 5 7.50 10 12.50 15 17.50 20 lx

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Road Luminare Lucas III-90 / Valuation Field Roadway 1 / Value Chart (E)



Values in Lux, Scale 1 : 258

Grid: 10 x 6 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
8.50	0.95	35	0.112	0.027