

New Delhi Project

Road Project
Mercury & Sodium Vapor 250W
Replace by Lucas III-90 LED

Person: Kishore Mulani
Place: New Delhi, India
RFQ #: 1008-INA-241

Date: 10.08.2010
Operator: U-Tron (Beijing) Electronics Co., Ltd.

U-Tron (Beijing) Electronics Co., Ltd.
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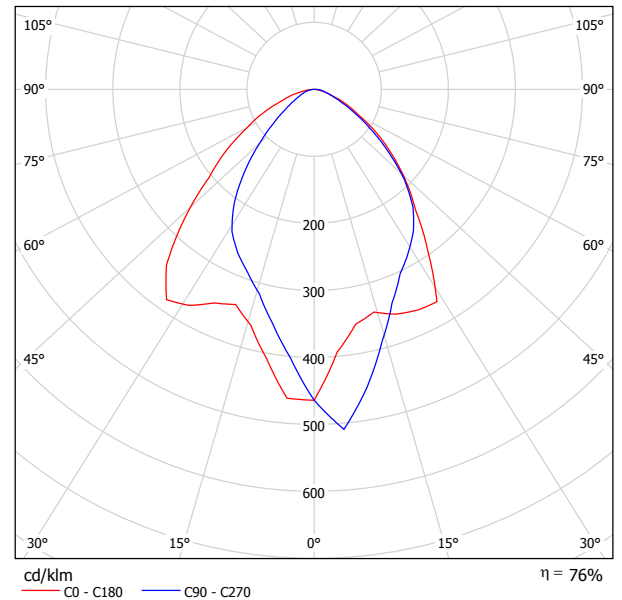
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U-Tron Lucas III 90 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 61 89 98 100 77

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

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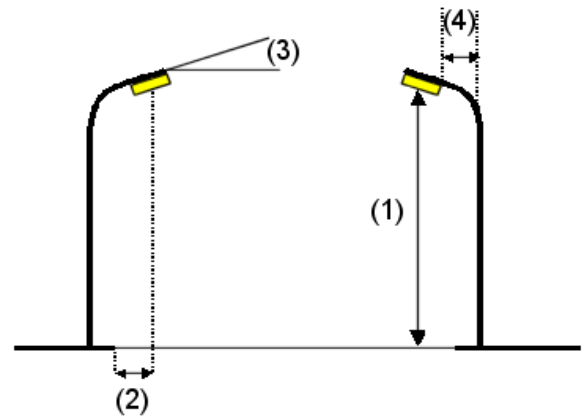
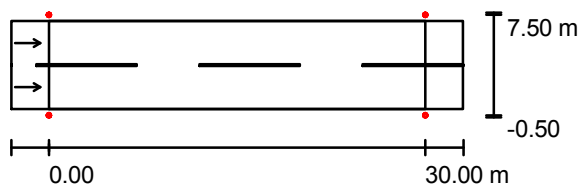
Street 1 / Planning data

Street Profile

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

Light loss factor: 0.80

Luminaire Arrangements



Luminaire:	U-Tron Lucas III 90
Luminaire Luminous Flux:	6500 lm
Luminaire Wattage:	120.0 W
Arrangement:	Double row, opposing
Pole Distance:	30.000 m
Mounting Height (1):	9.000 m
Height:	9.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	10.0 °
Boom Length (4):	2.000 m

Maximum luminous intensities	
at 70°:	102 cd/klm
at 80°:	48 cd/klm
at 90°:	18 cd/klm

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

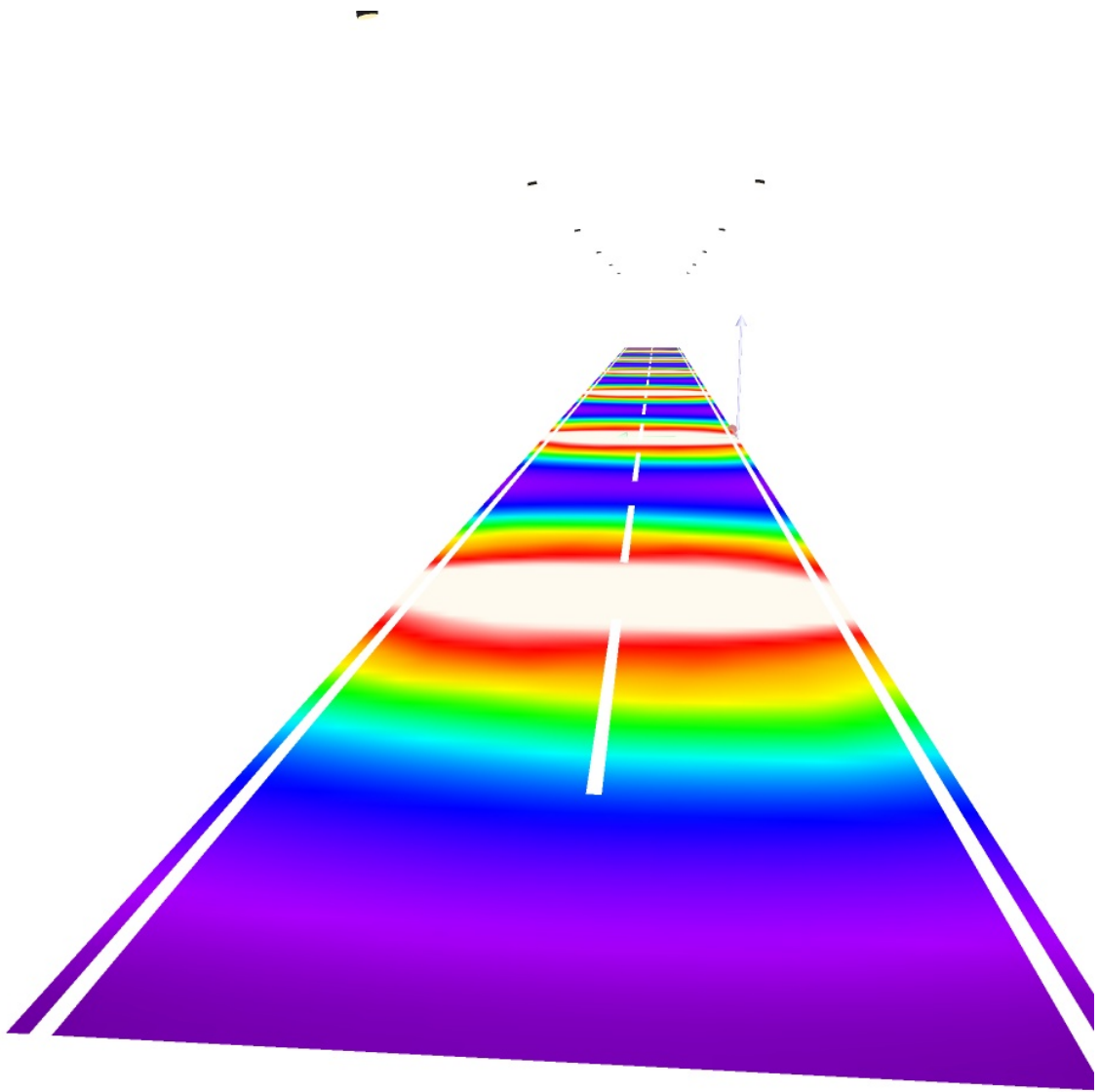
Arrangement complies with luminous intensity class G3.

Arrangement complies with glare index class D.6.

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Street 1 / False Color Rendering

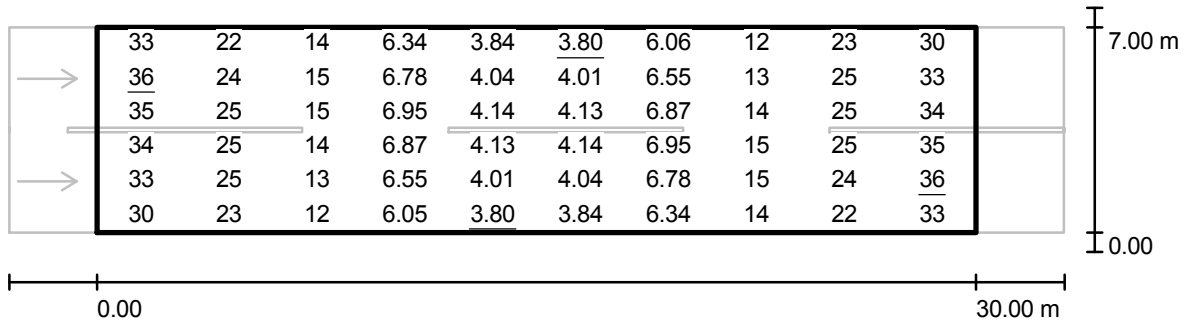


0 3 6 10 14 18 22 26 30 lx

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Street 1 / 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]	u_0	E_{min} / E_{max}
16	3.80	36	0.232	0.105