

New Delhi Project

Road Project
Sodium Vapor 150W
Replace by Lucas II-84 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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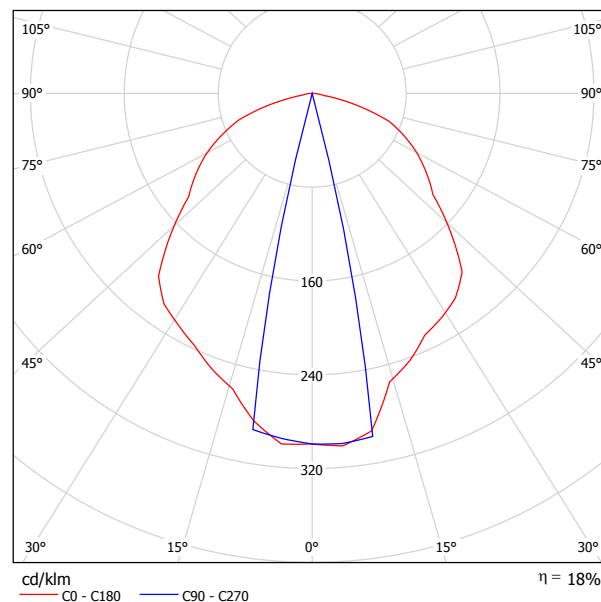
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U-Tron Lucas II 84 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 76 93 99 100 17

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

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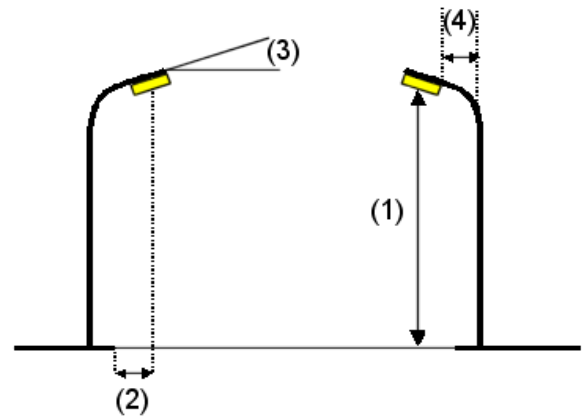
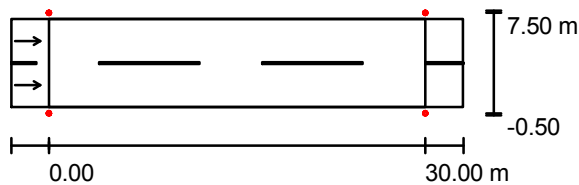
Street 1 / Planning data

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 II 84
Luminaire Luminous Flux:	7500 lm
Luminaire Wattage:	110.0 W
Arrangement:	Double row, opposing
Pole Distance:	30.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	10.0 °
Boom Length (4):	1.500 m

Maximum luminous intensities

at 70°: 72 cd/klm

at 80°: 12 cd/klm

at 90°: 0.63 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G5.

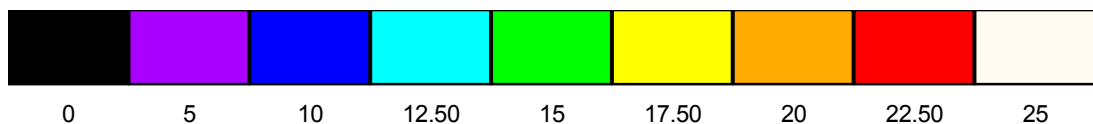
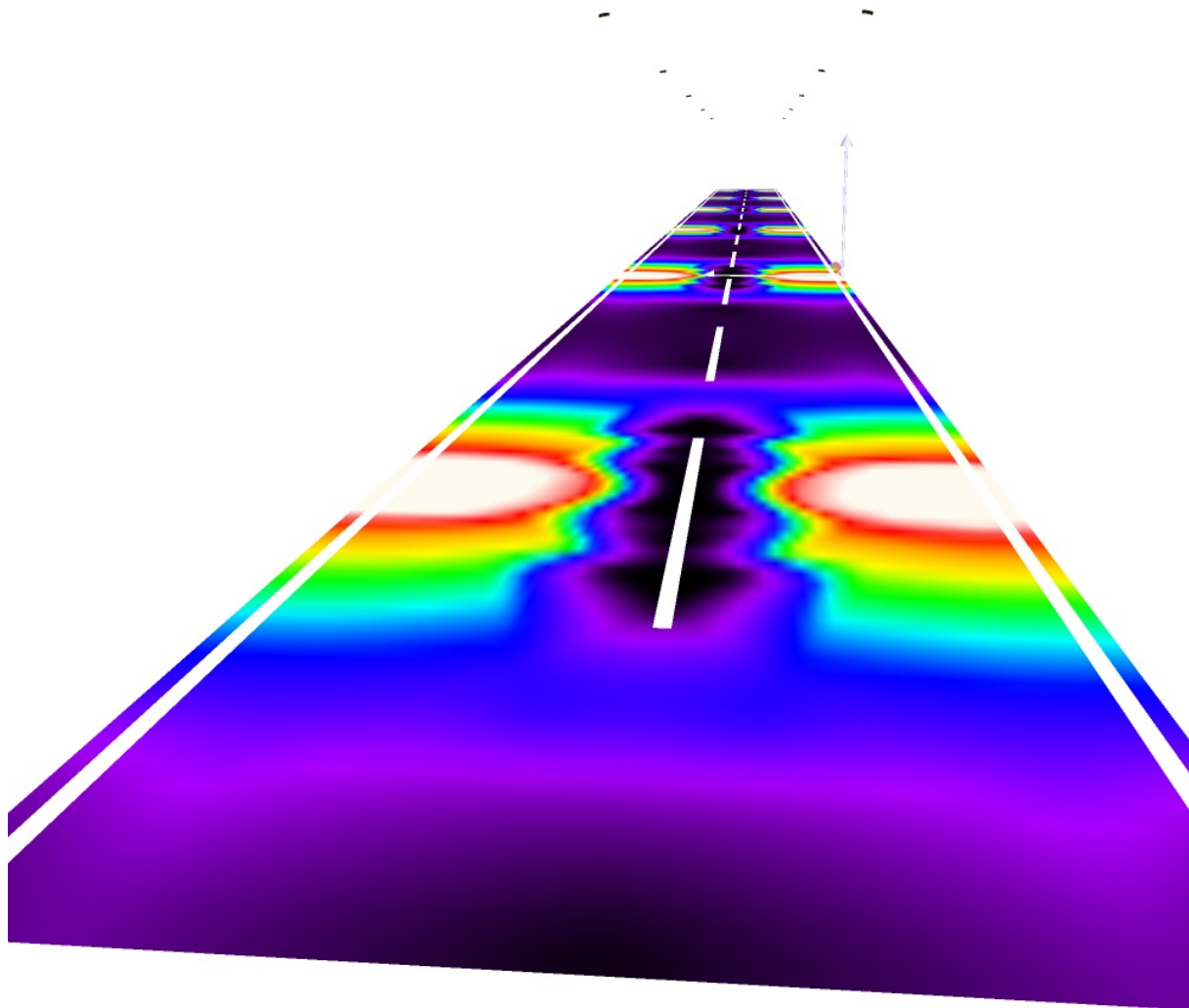
Arrangement complies with glare index class D.6.

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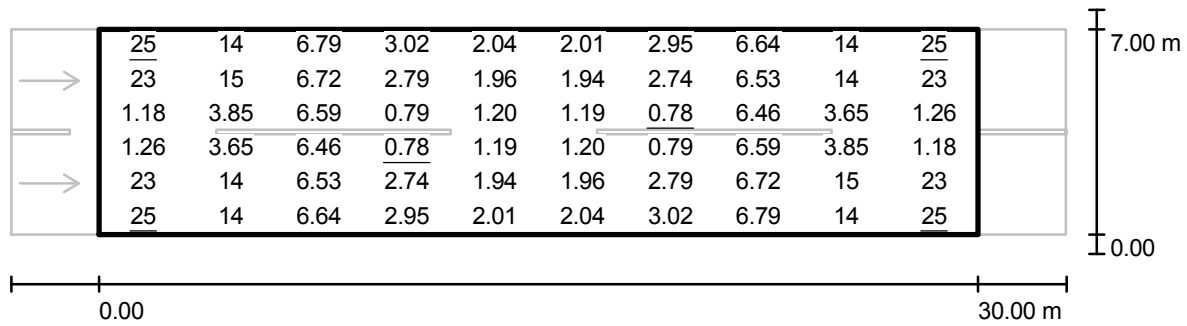
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Street 1 / False Color Rendering



lx

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Values in Lux, Scale 1 : 258

Grid: 10 x 6 Points

 E_{av} [lx]
7.52 E_{min} [lx]
0.78 E_{max} [lx]
25 u_0
0.103 E_{min} / E_{max}
0.031