AUTOSTRADA BUZAU - FOCSANI

Caracteristici strada: 1x7m
Clasa de iluminat: ME4a
MF: 0.80
Date proiectare:
- aranjament unilateral
- distanta intre stalpi: 30m
- inaltimea de montaj a corpului: 10m
- retragere stalp: 1m
- lungime consola: 1m
- unghi de inclinare corp: 0 grade

Partner for Contact:
Order No.:
Company:
Customer No.:

Date:
Operator:

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e-Mail

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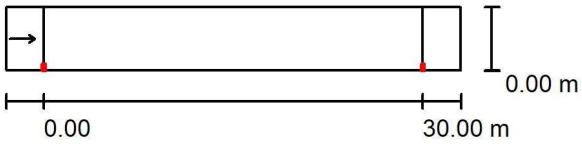
AUTOSTRADA BUZAU - FOCSANI / Planning data

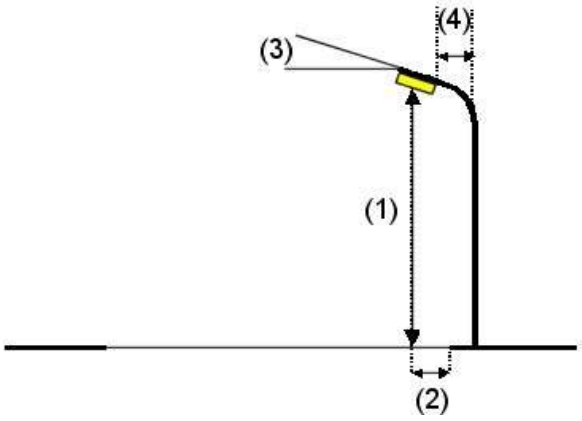
Street Profile

Roadway 1 (Width: 5.000 m, Number of lanes: 1, tarmac: R3, q0: 0.070)

Light loss factor: 0.80

Luminaire Arrangements

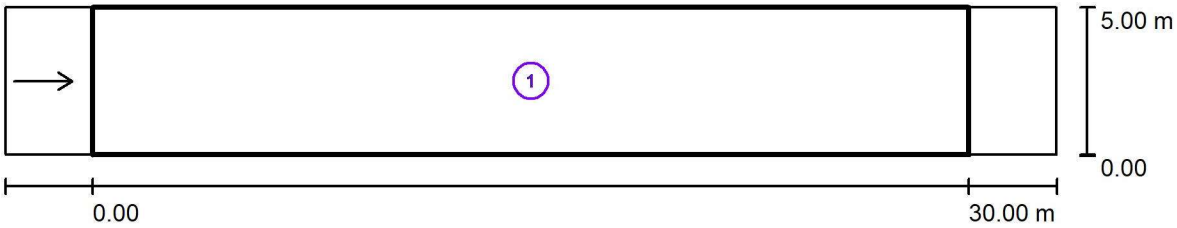




Luminaire:	PHILIPS BGP702 1 xLED150-4S/740 DN10		
Luminous flux (Luminaire):	4500 lm	Maximum luminous intensities	
Luminous flux (Lamps):	5000 lm	at 70°:	604 cd/klm
Luminaire Wattage:	150.0 W	at 80°:	162 cd/klm
Arrangement:	Single row, bottom	at 90°:	0.00 cd/klm
Pole Distance:	30.000 m	Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	
Mounting Height (1):	10.000 m		
Height:	10.009 m	No luminous intensities above 90°.	
Overhang (2):	0.363 m	Arrangement complies with luminous intensity class G1.	
Boom Angle (3):	0.0 °	Arrangement complies with glare index class D.6.	
Boom Length (4):	1.000 m		

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AUTOSTRADA BUZAU - FOCSANI / Photometric Results



Light loss factor: 0.80

Scale 1:258

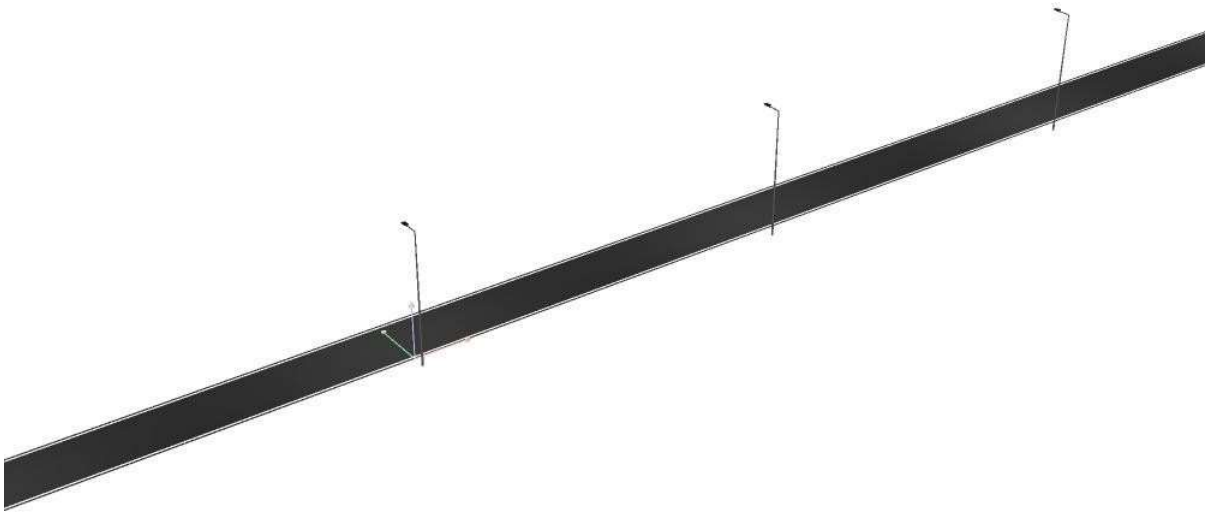
Calculation Field List

1 Valuation Field Roadway 1
Length: 30.000 m, Width: 5.000 m
Grid: 10 x 3 Points
Accompanying Street Elements: Roadway 1.
tarmac: R3, q0: 0.070
Selected Lighting Class: ME4a (All lighting performance requirements are met.)

	L_{av} [cd/m²]	U0	UI	TI [%]	SR
Calculated values:	0.77	0.72	0.91	7	0.87
Required values according to class:	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

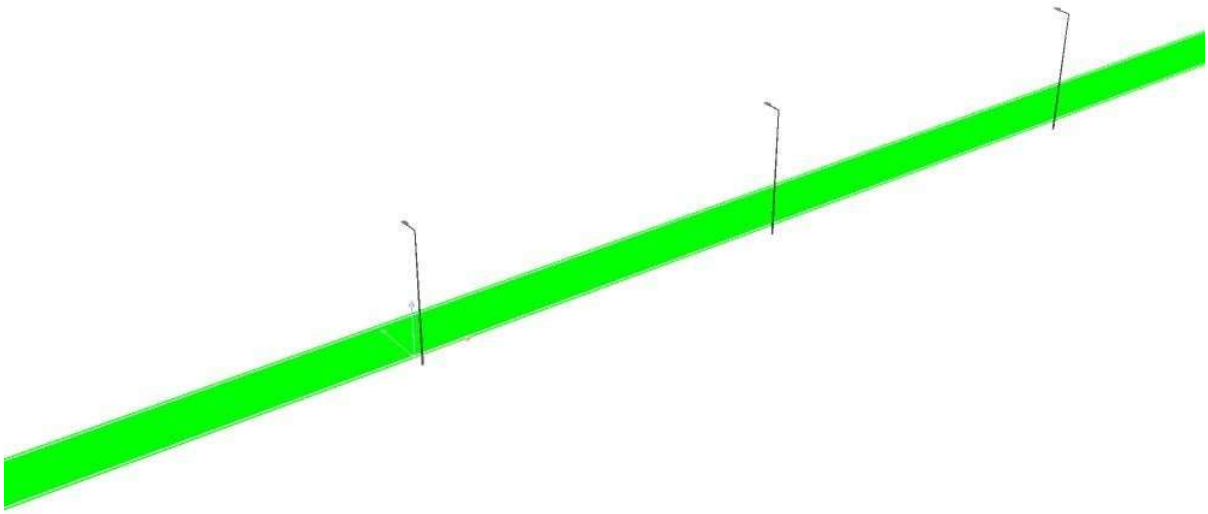
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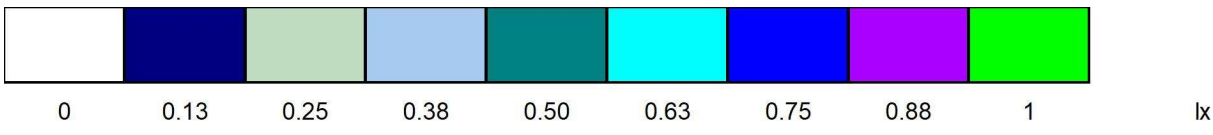
Pasaj - trasee secundare (bretele de acces) / 3D Rendering



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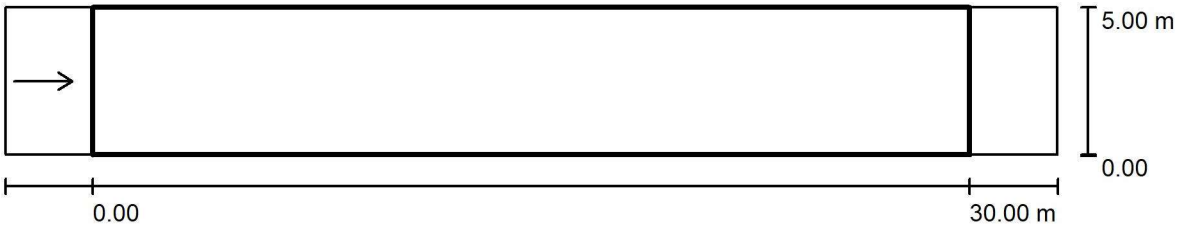
AUTOSTRADA BUZAU - FOCSANI (bretele de acces) / False Color Rendering





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AUTOSTRADA BUZAU - FOCSANI (bretele de acces) / Valuation Field Roadway 1 / Results overview



Light loss factor: 0.80

Scale 1:258

Grid: 10 x 3 Points
Accompanying Street Elements: Roadway 1.
tarmac: R3, q0: 0.070
Selected Lighting Class: ME4a

(All lighting performance requirements are met.)

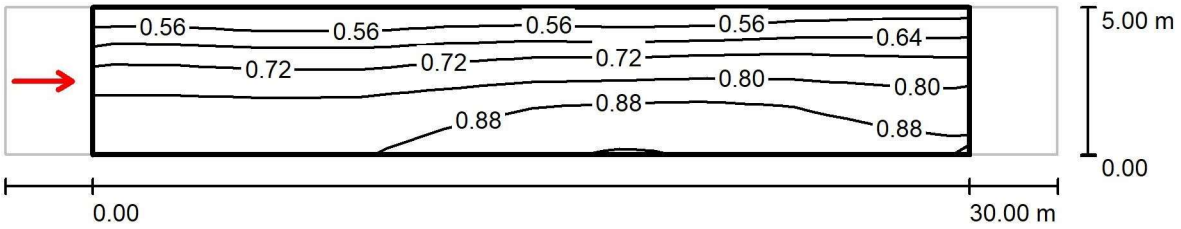
	L_{av} [cd/m²]	U0	Ul	TI [%]	SR
Calculated values:	0.77	0.72	0.91	7	0.87
Required values according to class:	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

Assigned observer (1 Pieces):

No.	Observer	Position [m]	L_{av} [cd/m²]	U0	Ul	TI [%]
1	Observer 1	(-60.000, 2.500, 1.500)	0.77	0.72	0.91	7

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AUTOSTRADA BUZAU - FOCSANI (bretele de acces) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 3 Points
Observer Position: (-60.000 m, 2.500 m, 1.500 m)
tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	Ul	TI [%]
Calculated values:	0.77	0.72	0.91	7
Required values according to class ME4a:	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓