

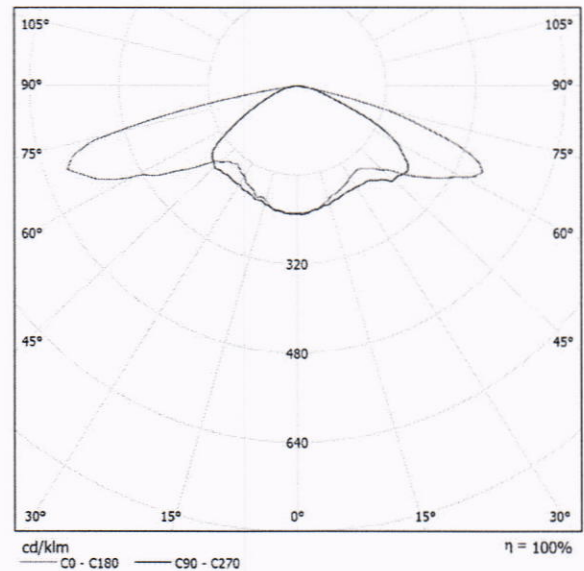


Operator
Telephone
Fax
e-Mail

**SAMEL90 U=230V, I=0.33A, P=70.65W cos = 0.94 1ST70C2WN60/120A22IP65A /
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 67 95 100 100

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

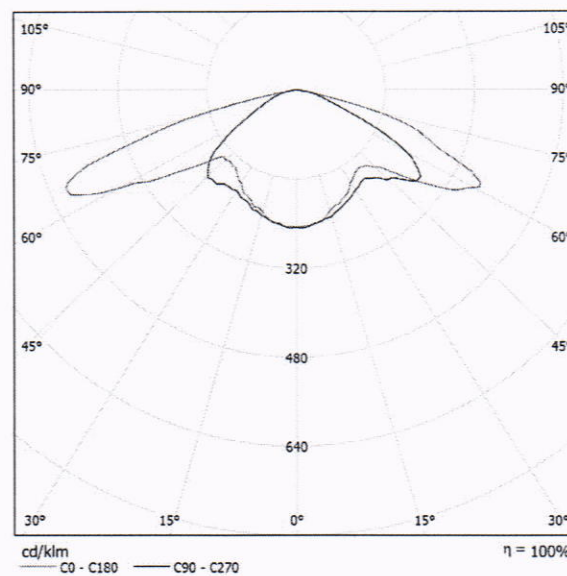


Operator
Telephone
Fax
e-Mail

**SAMEL90 U=230V, I=0.242A, P=51,85W cos = 0.93 1ST50C1WN60/120A22IP65A /
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: 33 67 96 100 100

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



Operator
Telephone
Fax
e-Mail

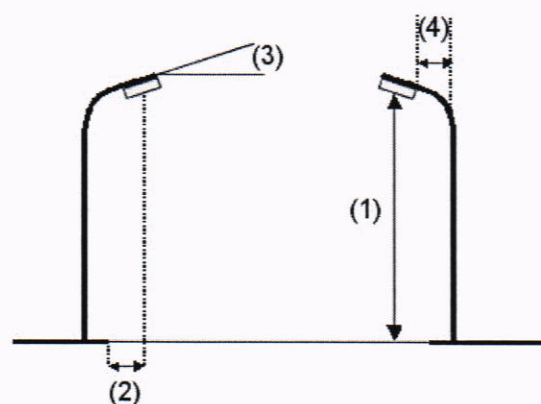
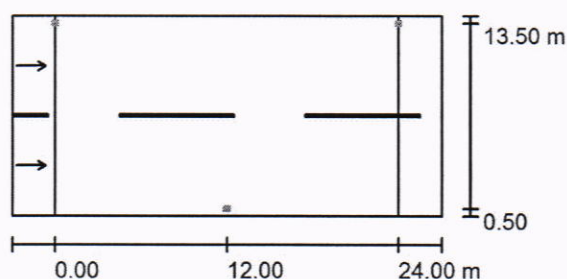
Street 1 / Planning data

Street Profile

Roadway 1 (Width: 14.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.67

Luminaire Arrangements



Luminaire:

SAMEL90 U=230V, I=0.33A, P=70.65W cos = 0.94
1ST70C2WN60/120A22IP65A

Luminous flux (Luminaire): 9864 lm

Luminous flux (Lamps): 9864 lm

Luminaire Wattage: 70.6 W

Arrangement:

Double row, with offset

Pole Distance:

24.000 m

Mounting Height (1):

8.000 m

Height:

7.913 m

Overhang (2):

0.550 m

Boom Angle (3):

30.0 °

Boom Length (4):

1.000 m

Maximum luminous intensities

at 70°: 438 cd/klm

at 80°: 393 cd/klm

at 90°: 211 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.1.



Operator
Telephone
Fax
e-Mail

Street 1 / Luminaire parts list

SAMEL90 U=230V, I=0.33A, P=70.65W cos =
0.94 1ST70C2WN60/120A22IP65A
Article No.: U=230V, I=0.33A, P=70.65W cos =
0.94

Luminous flux (Luminaire): 9864 lm

Luminous flux (Lamps): 9864 lm

Luminaire Wattage: 70.6 W

Luminaire classification according to CIE: 100

CIE flux code: 32 67 95 100 100

Fitting: 1 x LED (Correction Factor 1.000).

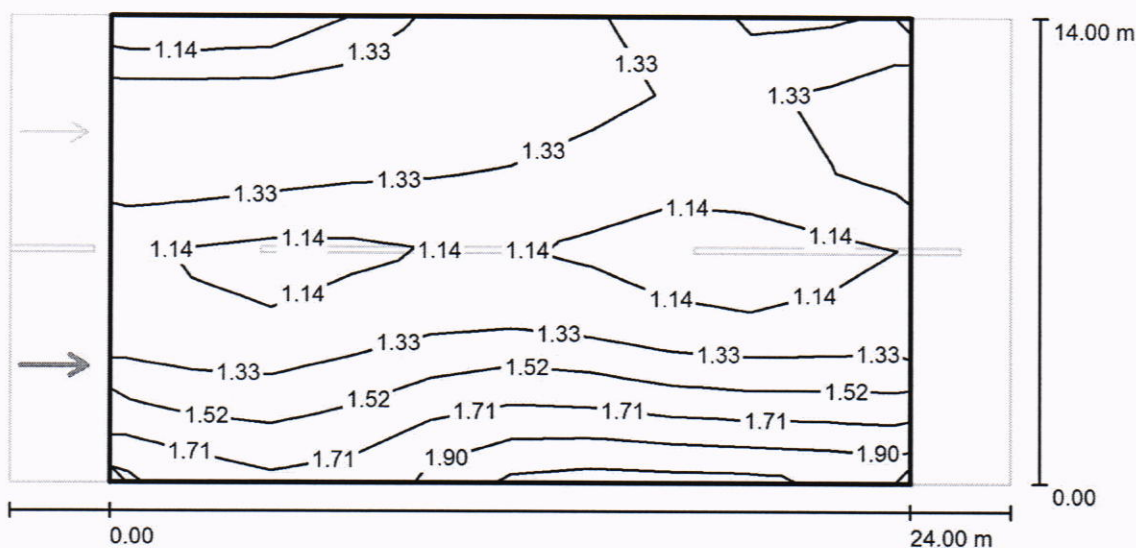
See our luminaire
catalog for an image of
the luminaire.





Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 215

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 3.500 m, 1.500 m)

tarmac: R3, q0: 0.070

Calculated values:

L_{av} [cd/m ²]	U0	UI	TI [%]
1.36	0.73	0.83	11

Required values according to class ME3b:

≥ 1.00	≥ 0.40	≥ 0.60	≤ 15
-------------	-------------	-------------	-----------

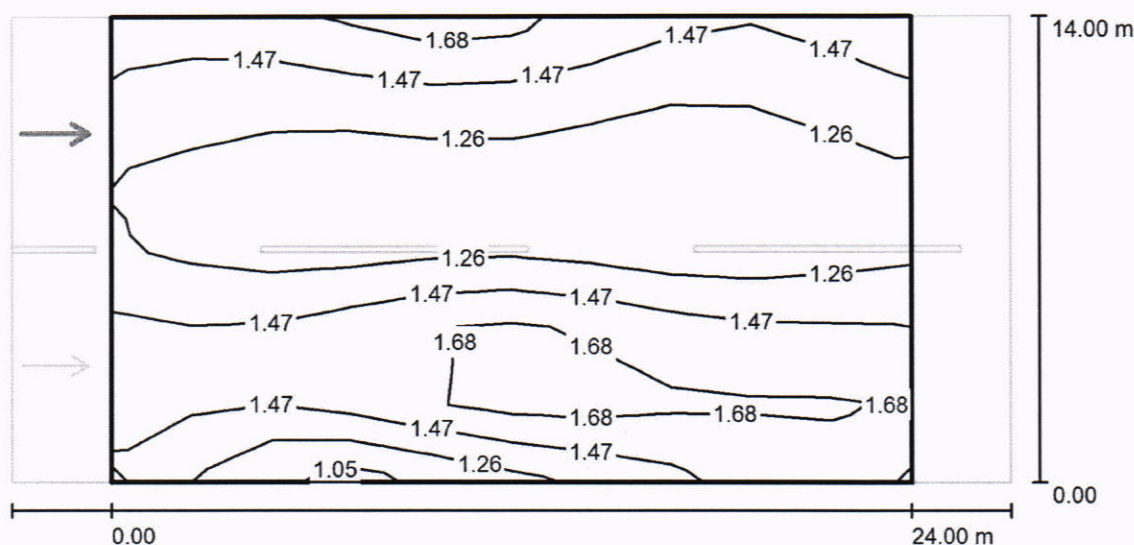
Fulfilled/Not fulfilled:

✓	✓	✓	✓
---	---	---	---



Operator
Telephone
Fax
e-Mail

Street 1 / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m², Scale 1 : 215

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 10.500 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	1.39	0.71	0.88	10
Required values according to class ME3b:	≥ 1.00	≥ 0.40	≥ 0.60	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓