

DATE: 11 říjen 2016
DESIGNER: Ing. Jan Masarik
PROJECT No: 36_50_00_3500_SQ
PROJECT NAME: Zruc nad Sazavou - lokalita Za Benzinkou



Svetelne technicky vypocet osvetleni komunikace v lokalite "Za Benzinkou", verze: dlouhe roztece.
Komunikace je zatridena jako S4 s respektovanim regulace vykonu.
Eav=5,0lx
Emin=1,0lx

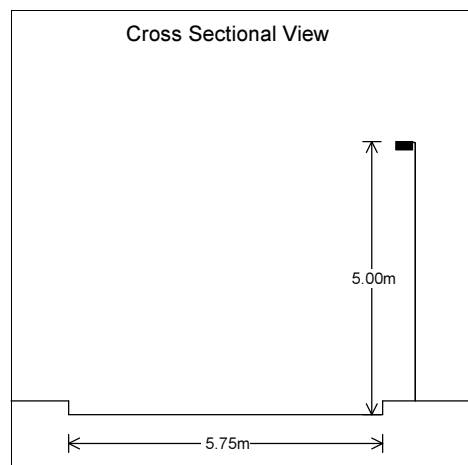
Roadway Lighting Report

PREPARED BY: Design Software from:
Lighting Reality Ltd
Somerville House
Harborne Road
Birmingham B15 2AA
United Kingdom

e-mail: sales@lightingreality.eu.com
website: www.lightingreality.eu.com

Roadway Report Summary

Layout



Road Data

Calculation Grid	CEN Illuminance
Width (m)	5.75
No. of Lanes	2
Road Surface	C2
Q0	0.07

Main Lighting

Column Data

Configuration	Single Sided Right
Spacing (m)	36.00
Height (m)	5.00
Tilt (deg)	5.00
Setback (m)	0.60
Outreach (m)	0.20
Overhang (m)	-0.40

Luminaire Data

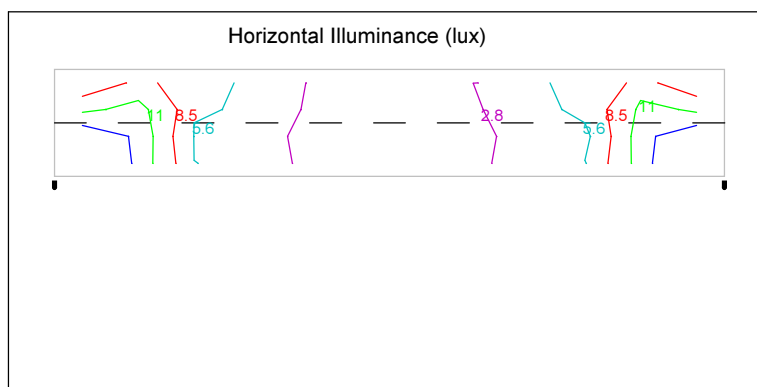
Supplier	
Type	Square SRN
Lamp(s)	10-18 DS-NW 1 850-4350 NW ...
LampFlux(klm)/Colour	3.50 NW/70
File Name	Stela Square SRN 10-18 DS-...
Maintenance Factor	0.85
Lum. Int. Class	G1

Results

Main

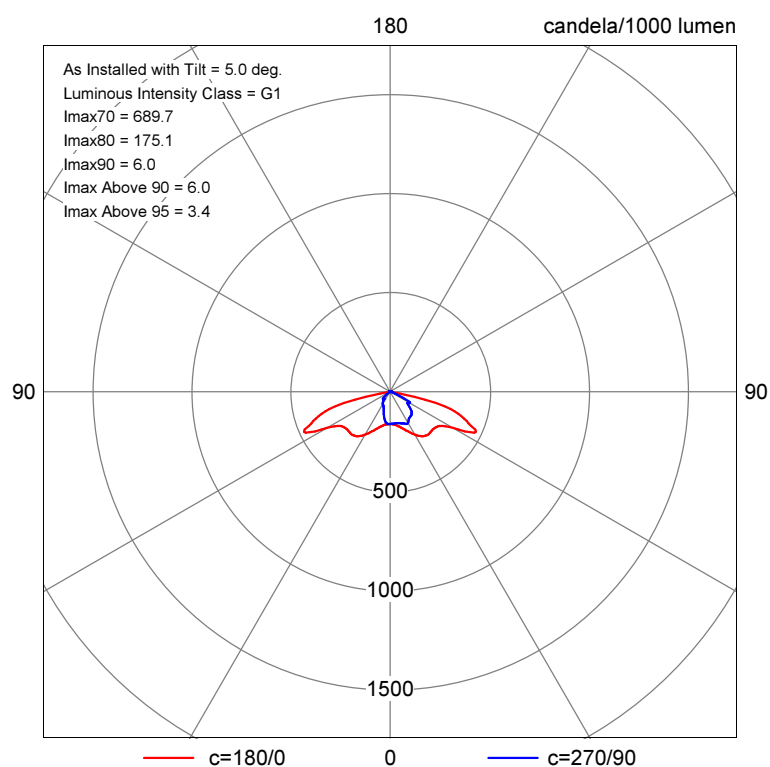
Complies with S4

Eav	6.55
Emin	1.40
Emax	18.38
Emin/Emax	0.08
Emin/Eav	0.21



Polar Diagram

Main Luminaire Square SRN



Horizontal Illuminance (lux)



Main Results

Eav	6.55
Emin	1.40
Emax	18.38
Emin/Emax	0.08
Emin/Eav	0.21