

DATE: 23 prosinec 2007
DESIGNER: Jiri Pribyl, Indal CEE s.r.o.
PROJECT No:
PROJECT NAME: Cyklostezka souběžně s chodníkem (smíšený provoz)



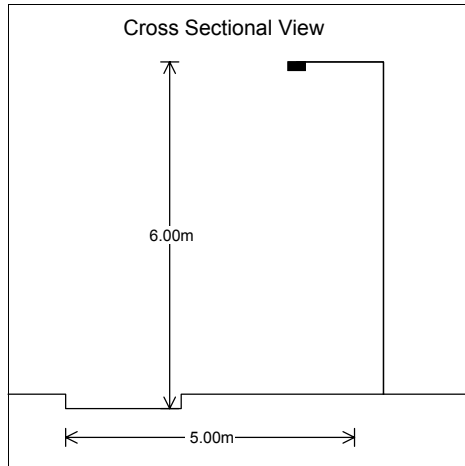
Roadway Lighting Report

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)	5.00
No. of Lanes	1
Road Surface	C1
Q0	0.10
Left Footpath(m)	0.00
Right Footpath(m)	3.00

Main Lighting



Column Data

Configuration	Single Sided Right
Spacing (m)	56.50
Height (m)	6.00
Tilt (deg)	0.00
Setback (m)	3.50
Outreach (m)	1.50
Overhang (m)	-2.00

Luminaire Data

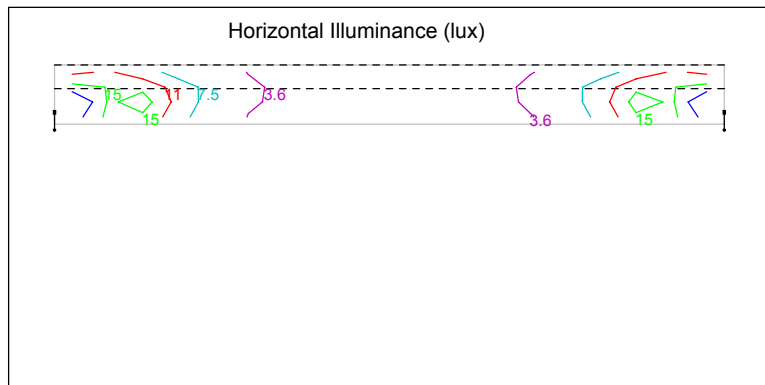
Supplier	Industria
Type	2400 SRN/3S
Lamp(s)	1SON-T 70W
Lamp Flux (klm)	6.60
File Name	INR4703
Maintenance Factor	1.00
Lum. Int. Class	None

Results

Main

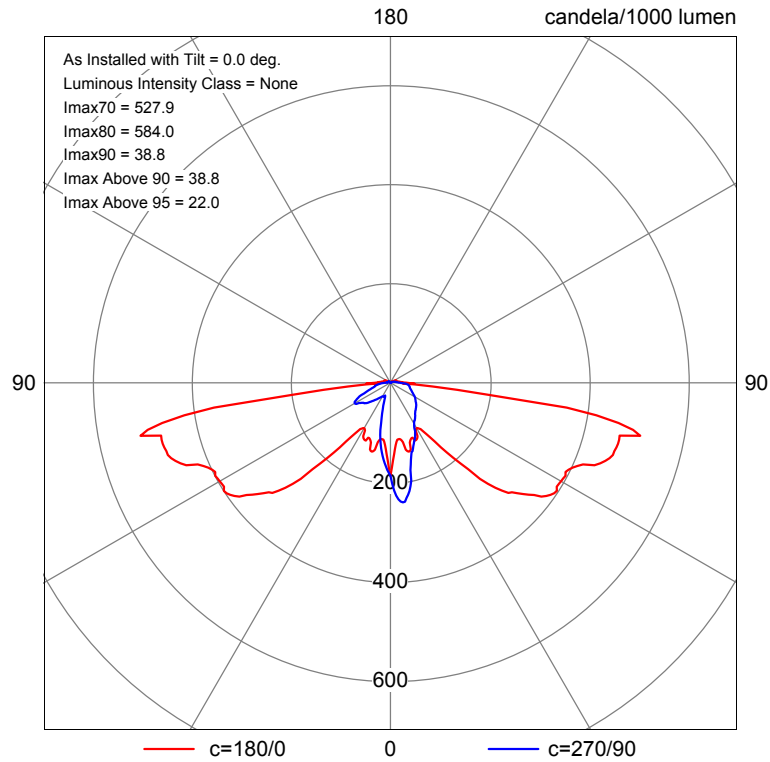
Complies with S3

Eav	7.51
Emin	1.61
E _{max}	25.16
E _{min} /E _{max}	0.06
E _{min} /E _{av}	0.21

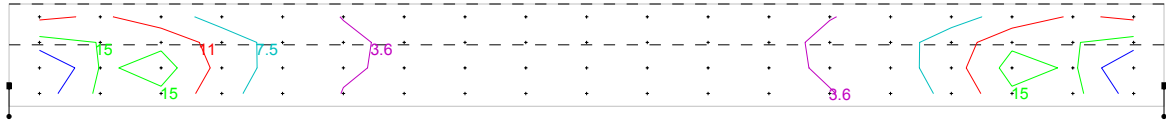


Polar Diagram

Main Luminaire 2400 SRN/3S



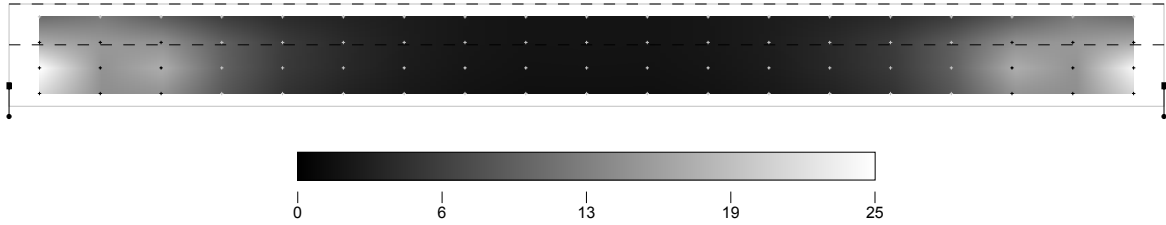
Horizontal Illuminance (lux)



Main Results

Eav	7.51
Emin	1.61
E _{max}	25.16
E _{min} /E _{max}	0.06
E _{min} /E _{av}	0.21

Horizontal Illuminance (lux)



Horizontal Illuminance (lux)

10.6	12.0	9.1	6.1	4.4	3.5	2.8	2.3	2.0	2.0	2.0	2.3	2.8	3.5	4.4	6.1	9.1	12.0	10.6
16.7	15.1	14.3	9.4	5.9	4.1	2.9	2.3	2.0	2.0	2.0	2.3	2.9	4.1	5.9	9.4	14.3	15.1	16.7
25.2	14.5	17.2	9.6	5.8	4.1	2.8	2.1	1.8	1.9	1.8	2.1	2.8	4.1	5.8	9.6	17.2	14.5	25.2
21.5	14.0	14.6	8.7	5.1	3.5	2.4	1.9	1.6	1.6	1.6	1.9	2.4	3.5	5.1	8.7	14.6	14.0	21.5