

**DATE:** 23 prosinec 2007  
**DESIGNER:** Jiri Pribyl, Indal CEE s.r.o.



**PROJECT No:**

**PROJECT NAME:** Cyklostezka souběžně s chodníkem (smíšený provoz)

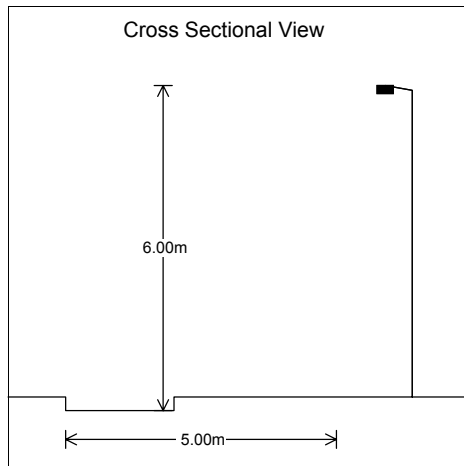
## **Roadway Lighting Report**

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

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website: [www.lightingreality.eu.com](http://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)	34.50
Height (m)	6.00
Tilt (deg)	10.00
Setback (m)	4.40
Outreach (m)	0.50
Overhang (m)	-3.90

#### Luminaire Data

Supplier	Industria
Type	2400 SRN/2
Lamp(s)	1CDO-TT 70W
Lamp Flux (klm)	6.30
File Name	Inr729
Maintenance Factor	1.00
Lum. Int. Class	None

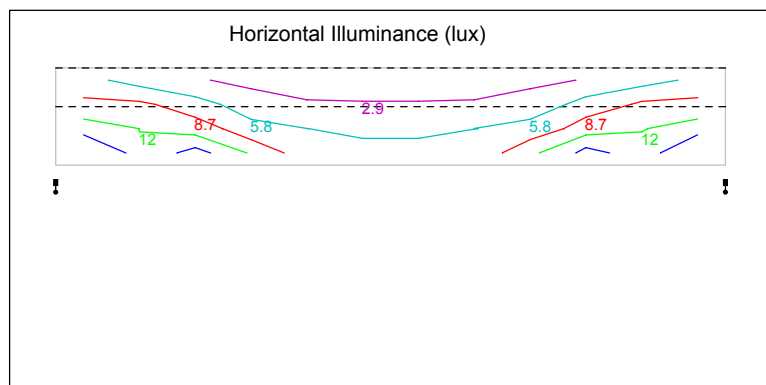


### Results

#### Main

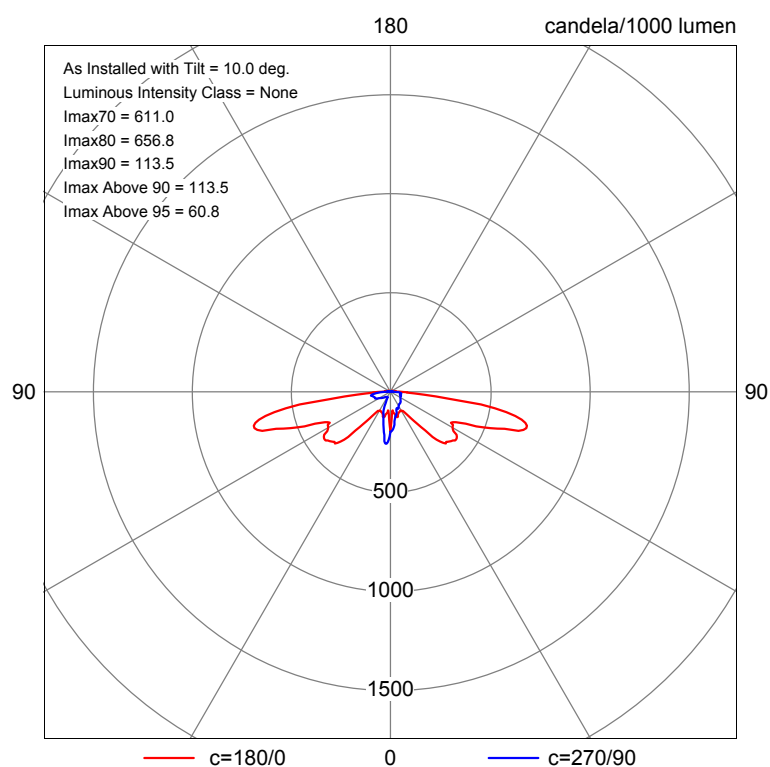
Complies with S3

Eav	7.50
Emin	1.50
Emax	18.89
Emin/Emax	0.08
Emin/Eav	0.20

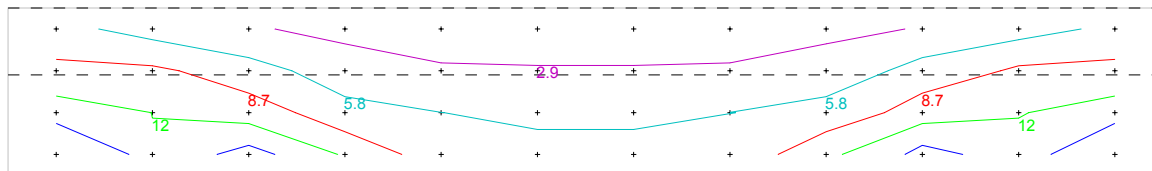


## Polar Diagram

### Main Luminaire 2400 SRN/2



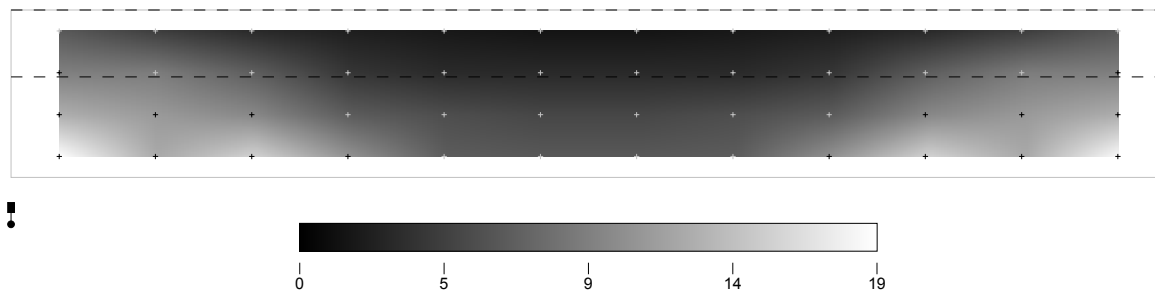
## Horizontal Illuminance (lux)



### Main Results

Eav	7.50
Emin	1.50
E <sub>max</sub>	18.89
E <sub>min</sub> /E <sub>max</sub>	0.08
E <sub>min</sub> /E <sub>av</sub>	0.20

## Horizontal Illuminance (lux)



## Horizontal Illuminance (lux)

+ 6.6	+ 4.6	+ 3.1	+ 2.3	+ 1.8	+ 1.5	+ 1.5	+ 1.8	+ 2.3	+ 3.1	+ 4.6	+ 6.6
+ 9.5	+ 9.3	+ 7.0	+ 4.0	+ 3.2	+ 3.4	+ 3.1	+ 3.2	+ 4.0	+ 7.0	+ 9.3	+ 9.5
+13.0	+11.5	+10.2	+ 6.9	+ 5.8	+ 5.3	+ 5.3	+ 5.8	+ 6.9	+10.2	+11.5	+13.0
+18.9	+12.6	+15.7	+10.9	+ 6.9	+ 6.6	+ 6.6	+ 6.9	+10.9	+15.7	+12.6	+18.9

