

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



**PROJECT No:**

**PROJECT NAME:** komunikace\_v\_zastavbe\_S4\_64\_5m\_SON-T\_70W

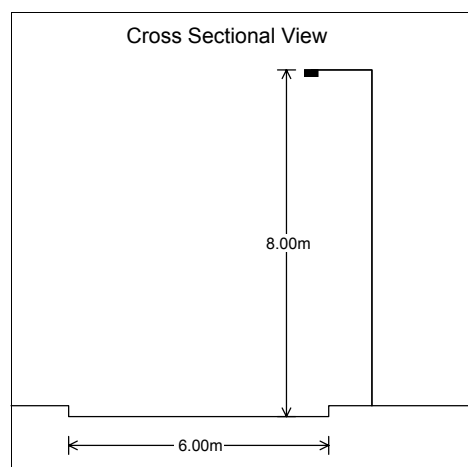
## **Roadway Lighting Report**

**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)	6.00
No. of Lanes	2
Road Surface	C1
Q0	0.10
Left Footpath(m)	0.00
Right Footpath(m)	0.00

### Main Lighting

#### Column Data

Configuration	Single Sided Right
Spacing (m)	64.50
Height (m)	8.00
Tilt (deg)	0.00
Setback (m)	1.00
Outreach (m)	1.40
Overhang (m)	0.40

#### Luminaire Data

Supplier	Industria
Type	2675 SNN/1E
Lamp(s)	1SON-T 70W
Lamp Flux (klm)	6.60
File Name	Inr843Z
Maintenance Factor	1.00
Lum. Int. Class	G1



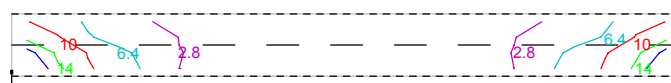
### Results

#### Main

Complies with S4

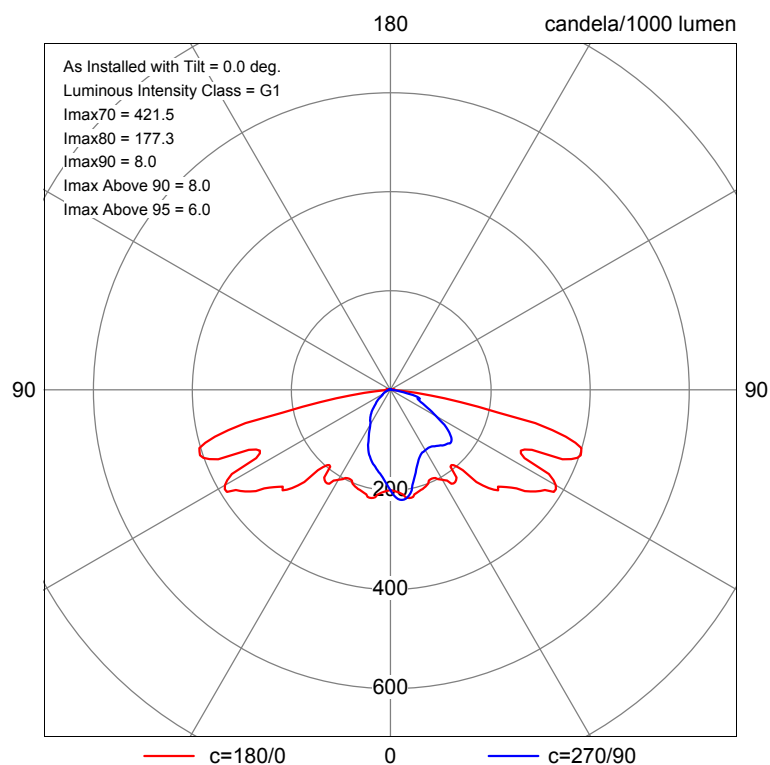
Eav	5.10
Emin	1.00
E <sub>max</sub>	22.52
E <sub>min</sub> /E <sub>max</sub>	0.04
E <sub>min</sub> /E <sub>av</sub>	0.20

#### Horizontal Illuminance (lux)

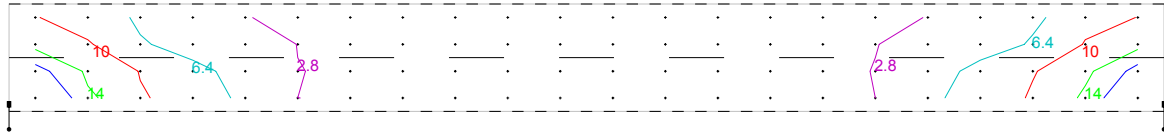


## Polar Diagram

### Main Luminaire 2675 SNN/1E



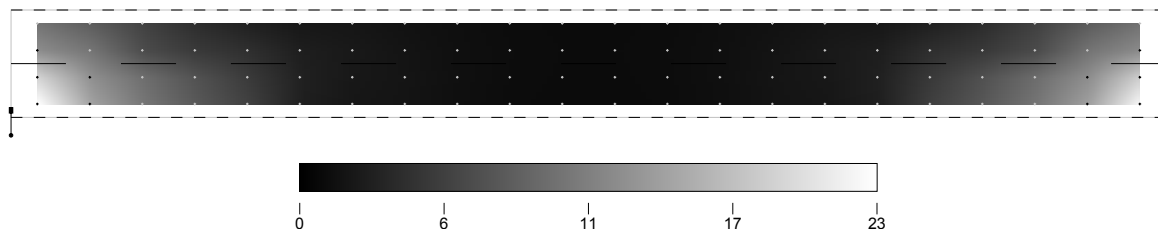
**Horizontal Illuminance (lux)**



## Main Results

Eav	5.10
Emin	1.00
Emax	22.52
Emin/Emax	0.04
Emin/Eav	0.20

## Horizontal Illuminance (lux)



## Horizontal Illuminance (lux)

·10.2	·8.2	·5.8	·4.0	·2.9	·2.1	·2.0	·1.6	·1.3	·1.1	·1.0	·1.0	·1.1	·1.3	·1.6	·2.0	·2.1	·2.9	·4.0	·5.8	·8.2	·10.2
·12.4	·10.4	·6.7	·5.1	·4.2	·2.7	·2.2	·1.8	·1.4	·1.2	·1.1	·1.1	·1.2	·1.4	·1.8	·2.2	·2.7	·4.2	·5.1	·6.7	·10.4	·12.4
·18.6	·12.7	·9.7	·7.3	·5.2	·2.9	·2.1	·1.8	·1.4	·1.1	·1.0	·1.0	·1.1	·1.4	·1.8	·2.1	·2.9	·5.2	·7.3	·9.7	·12.7	·18.6
·22.5	·14.3	·10.5	·7.9	·5.7	·2.8	·2.0	·1.8	·1.4	·1.1	·1.0	·1.0	·1.1	·1.4	·1.8	·2.0	·2.8	·5.7	·7.9	·10.5	·14.3	·22.5