

DATE: září 2018
DESIGNER: PTD
PROJECT No:
PROJECT NAME: Příloha 6.1

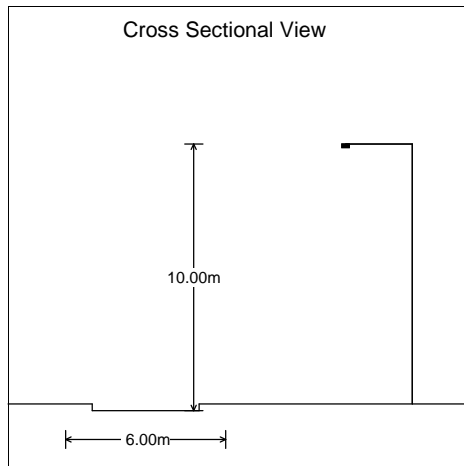


Roadway Lighting Report

PREPARED BY:

Roadway Report Summary

Layout



Road Data

Calculation Grid	CEN Illuminance
Width (m)	6.00
No. of Lanes	2
Road Surface	C2
Q0	0.07
Left Footpath(m)	1.00
Right Footpath(m)	1.00

Main Lighting

Column Data

Configuration	Single Sided Right
Spacing (m)	40.00
Height (m)	10.00
Tilt (deg)	0.00
Setback (m)	8.00
Outreach (m)	2.50
Overhang (m)	-5.50

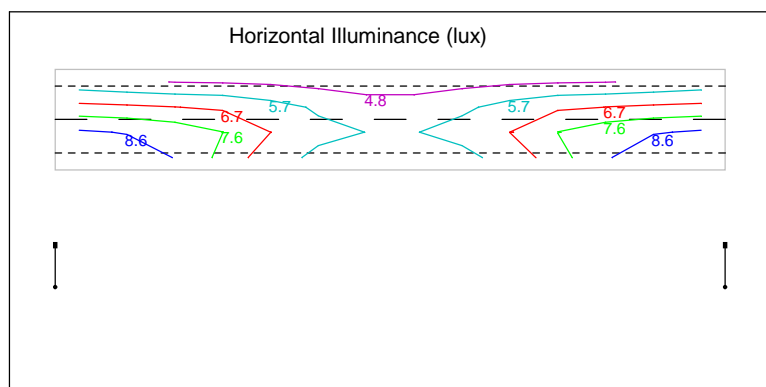
Luminaire Data

Supplier	
Type	BGP623 T25 DM12 /830
Lamp(s)	LED-HB 1750-20850 lm-4S/83...
LampFlux(klm)/Colour	6.00 830/
File Name	BGP623 T25 LED-HB 1750-208...
Maintenance Factor	0.80
Lum. Int. Class	G3

Results

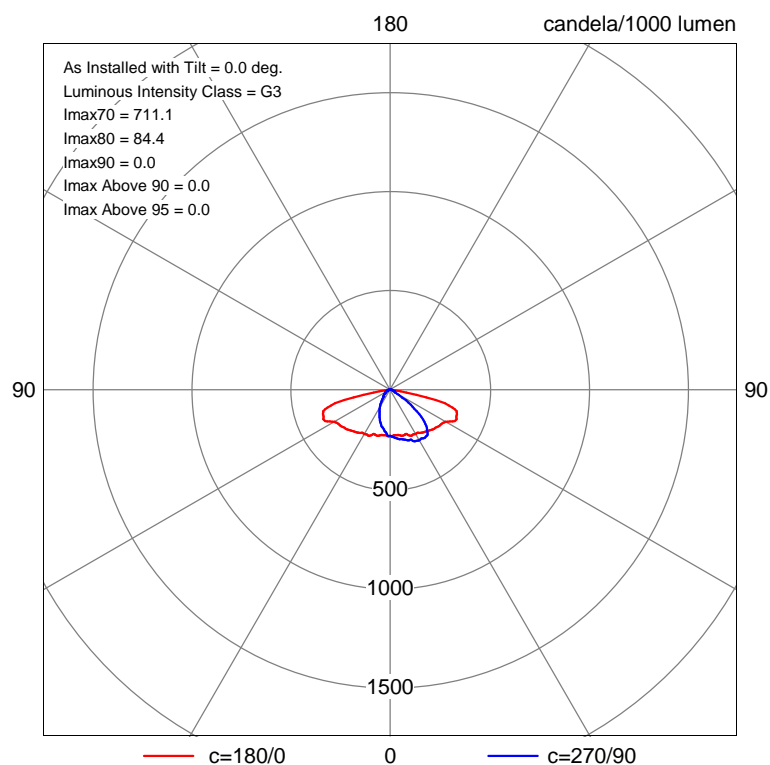
Main

Eav	6.44
Emin	4.32
Emax	10.01
Emin/Emax	0.43
Emin/Eav	0.67

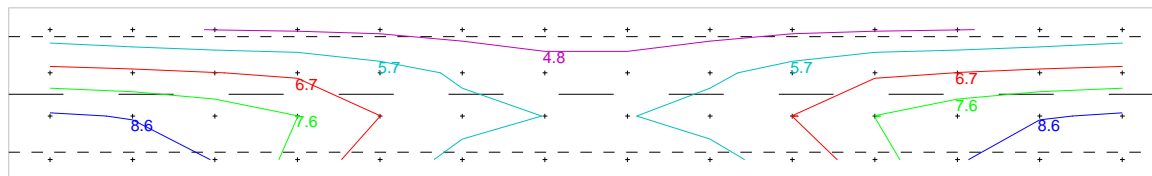


Polar Diagram

Main Luminaire BGP623 T25 DM12 /830



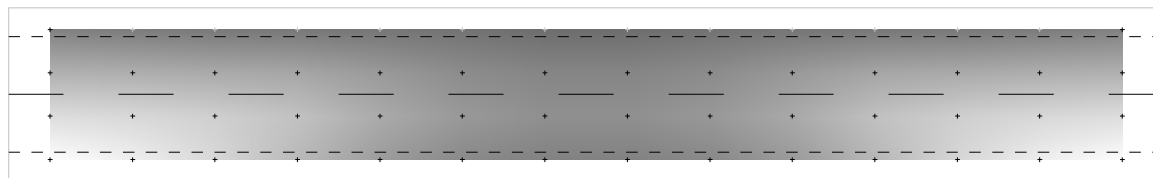
Horizontal Illuminance (lux)



Main Results

Eav	6.44
Emin	4.32
Emax	10.01
Emin/Emax	0.43
Emin/Eav	0.67

Horizontal Illuminance (lux)

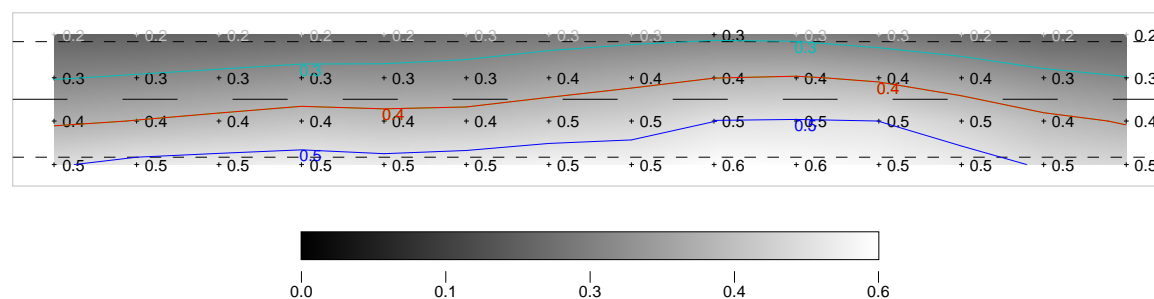


Horizontal Illuminance (lux)

+ 5.1	+ 4.9	+ 4.8	+ 4.7	+ 4.7	+ 4.5	+ 4.3	+ 4.3	+ 4.5	+ 4.7	+ 4.7	+ 4.8	+ 4.9	+ 5.1
+ 7.0	+ 6.9	+ 6.7	+ 6.6	+ 6.1	+ 5.5	+ 5.3	+ 5.3	+ 5.5	+ 6.1	+ 6.6	+ 6.7	+ 6.9	+ 7.0
+ 8.7	+ 8.5	+ 8.2	+ 7.6	+ 6.7	+ 6.0	+ 5.7	+ 5.7	+ 6.0	+ 6.7	+ 7.6	+ 8.2	+ 8.5	+ 8.7
+10.0	+ 9.4	+ 8.5	+ 7.3	+ 6.1	+ 5.4	+ 5.1	+ 5.1	+ 5.4	+ 6.1	+ 7.3	+ 8.5	+ 9.4	+10.0



Luminance (cd/m2)



Main Results

Lav	0.39
Lmin	0.22
Lmax	0.56
U0	0.55
Uimin	0.00
TI(%)	8.58