




Project : Nymburk_sloupky

General information : Standard CEN

Road details

Arrangement :  Driving :  Way : 

No. of lanes : Lane width : m Road width : m

RTable : Qo :

Calculation : ☒ Luminance ☒ Illuminance (Z Positive) ☐ Hemi-sph. ill. ☒ TI

☐ Illuminance (Y Positive) ☐ Semi-cyl. ill.

Luminaires details


Spacing : m Height : m Overhang : m Setback : m

Inclination : °

Type : Protector : **928021**

Reflector : Setting :

Source : Wattage : W Flux : klm MF :



Summary

• Luminance

1

ObsY : m

LAve : cd/m•

Uo : %

UI : %

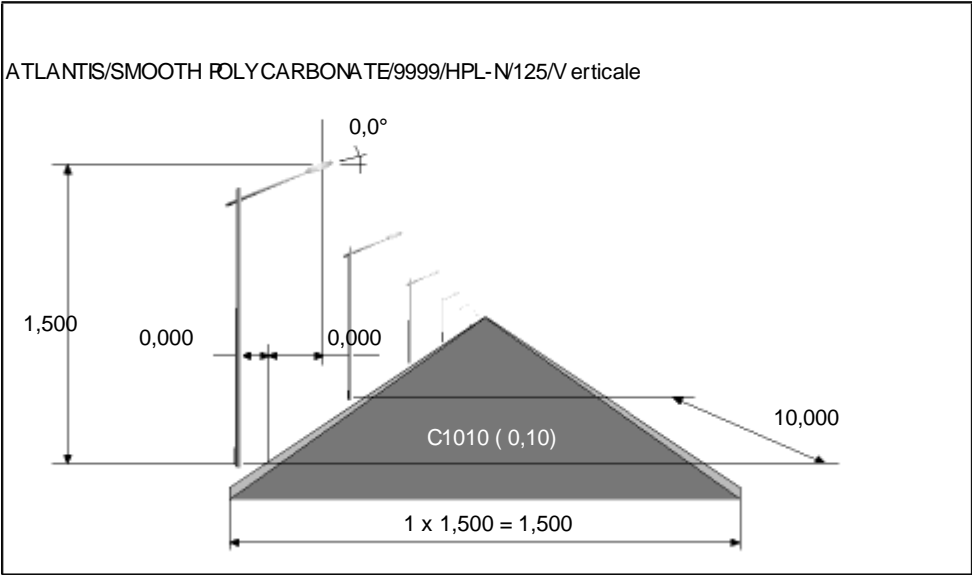
TI : % Observer position : m

• Illuminance

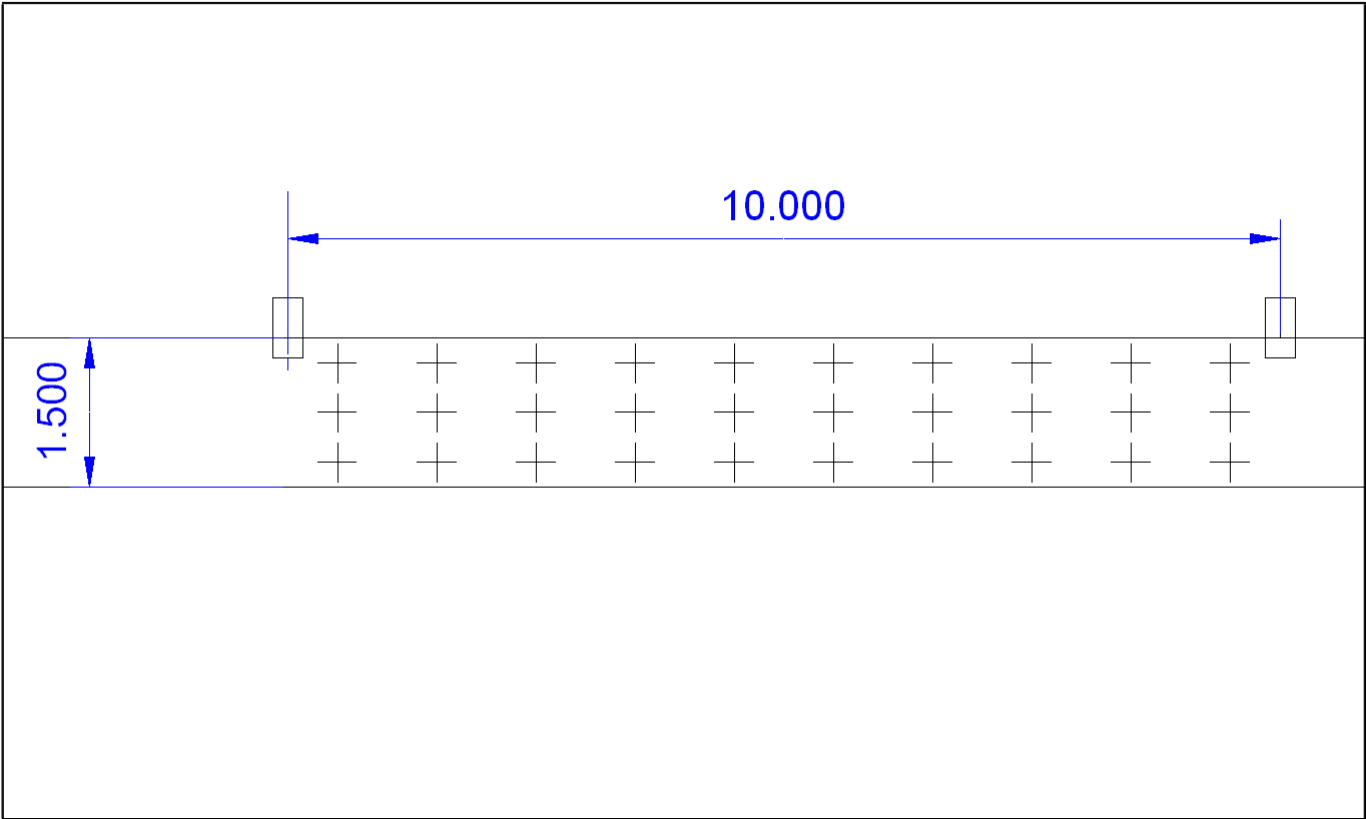
EMin : lux

EAve : lux

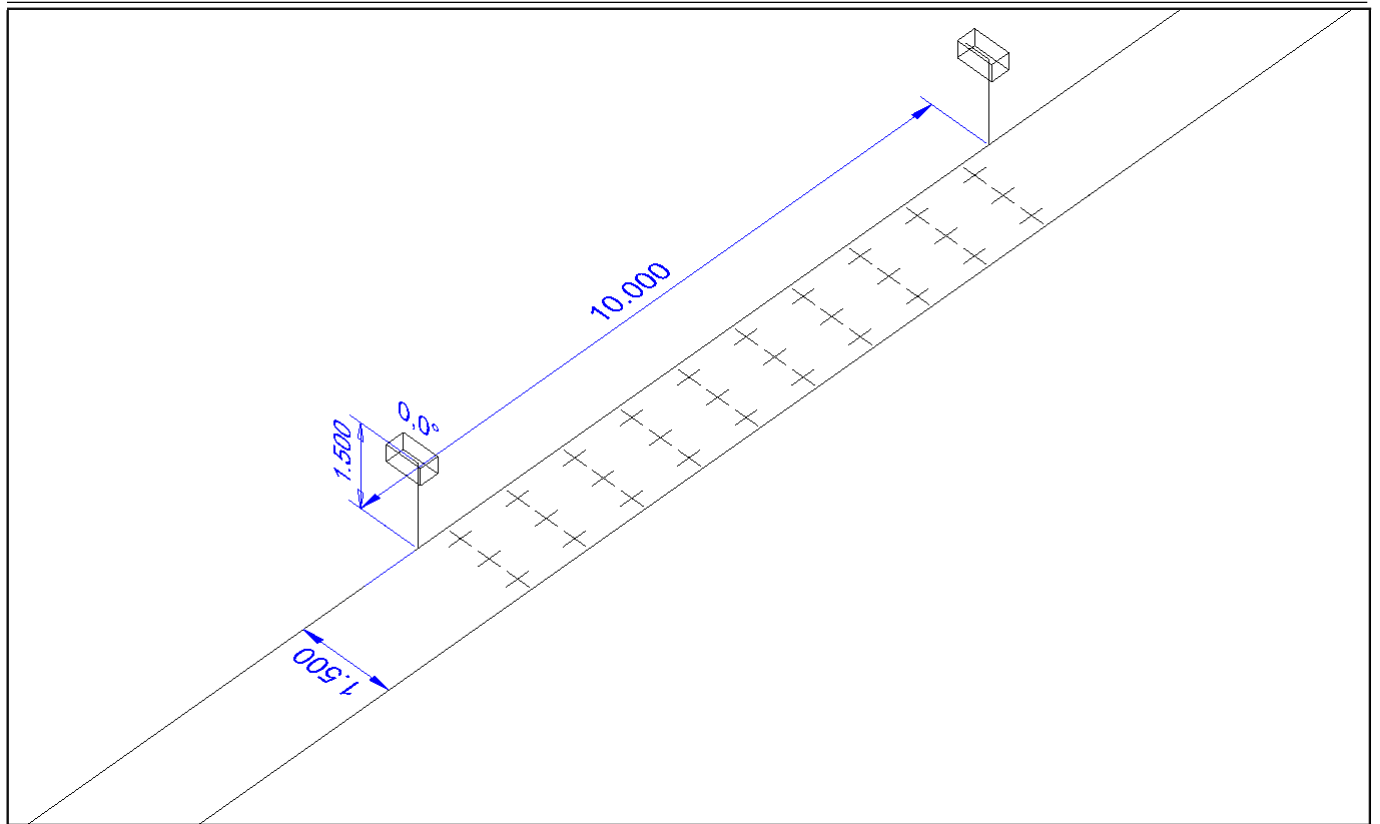
Schema



Plan view



3D View



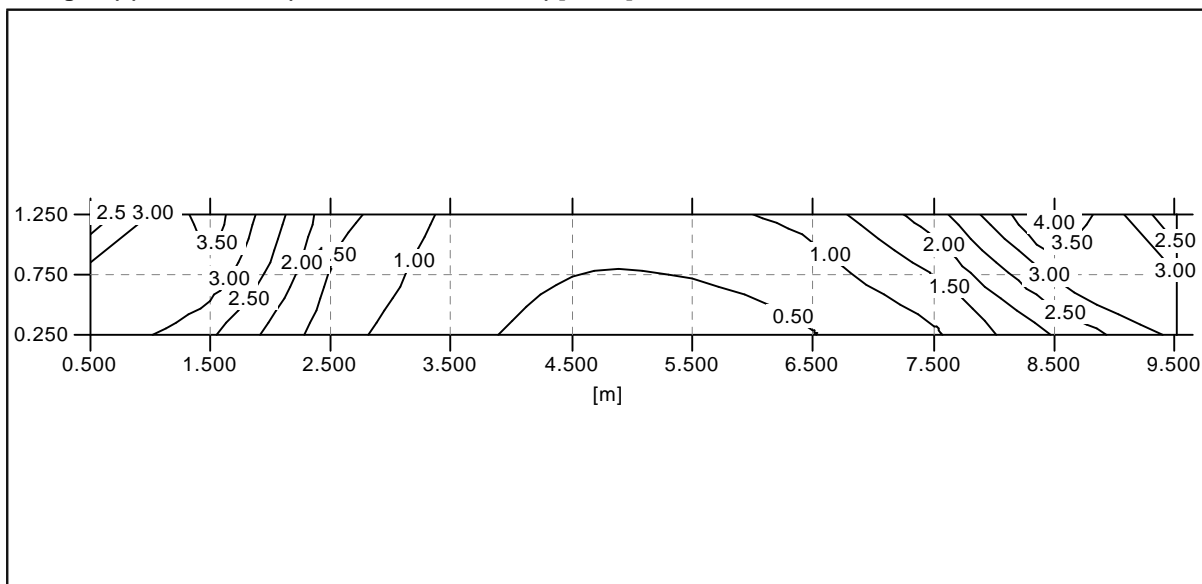
Grid results

Master grid (1) : Luminance (<- -60,000; 0,750; 1,500) [cd/m•]

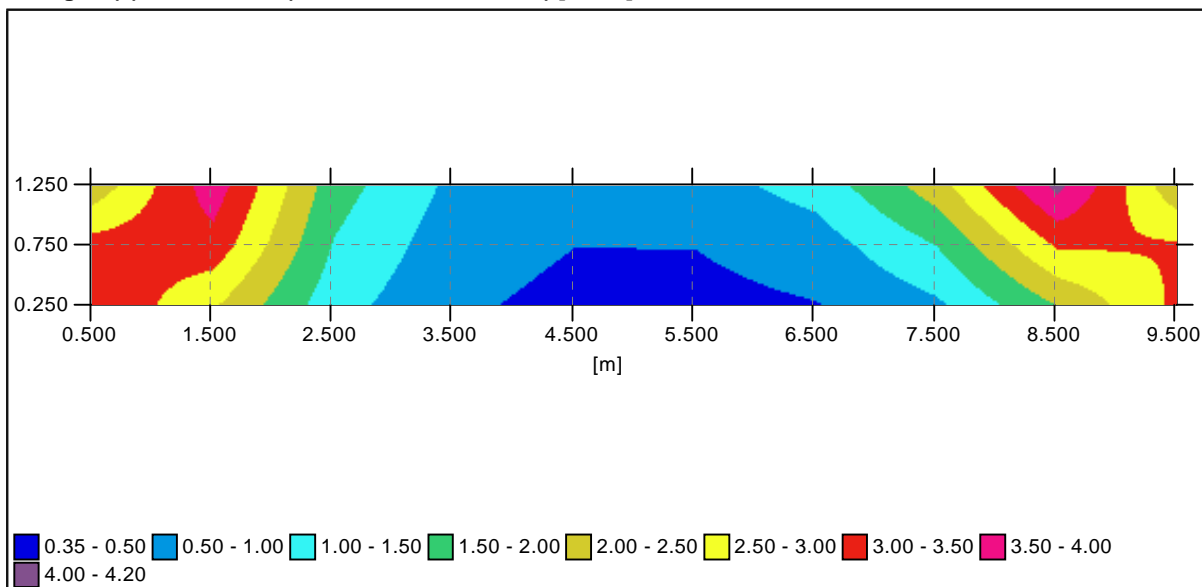
Min : 0,35 cd/m• Ave : 1,77 cd/m• Max : 4,20 cd/m• Uo : 19,8 % Ug : 8,3 %

1,250	2,13	3,79	1,73	0,89	0,72	0,81	1,22	2,31	4,20	2,06
0,750	3,18	3,34	1,47	0,72	0,51	0,52	0,77	1,53	3,10	3,03
0,250	3,48	2,57	1,20	0,58	0,37	0,35	0,49	0,92	2,04	3,11
Y/X	0,500	1,500	2,500	3,500	4,500	5,500	6,500	7,500	8,500	9,500

Master grid (1) : Luminance (<- -60,000; 0,750; 1,500) [cd/m•]



Master grid (1) : Luminance (<- -60,000; 0,750; 1,500) [cd/m•]



Master grid (2) : Illuminance [lux]

Min : 2,4 lux

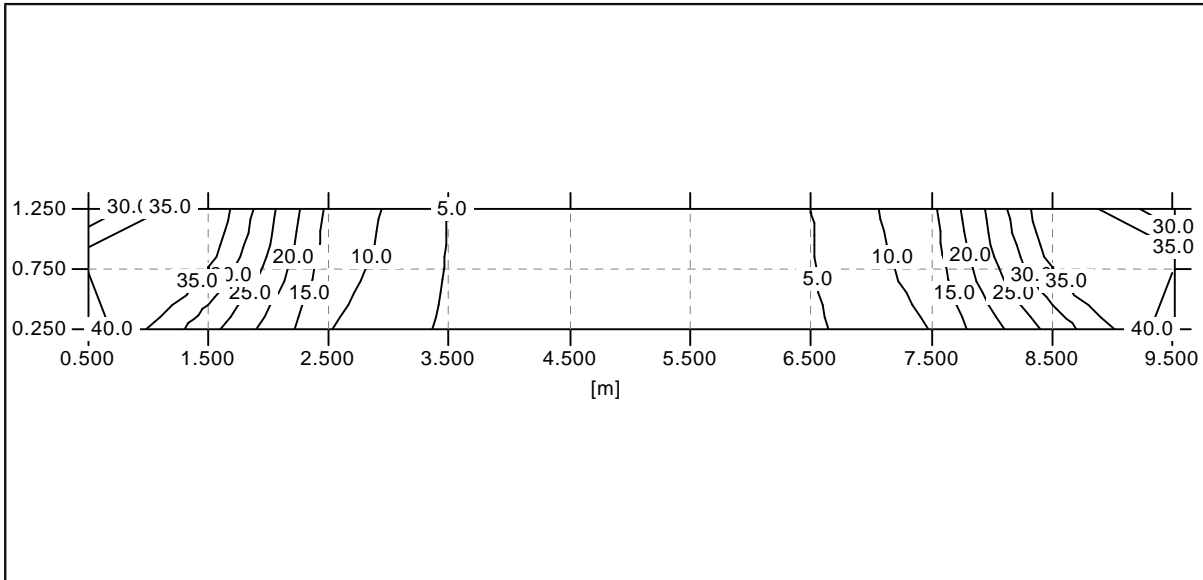
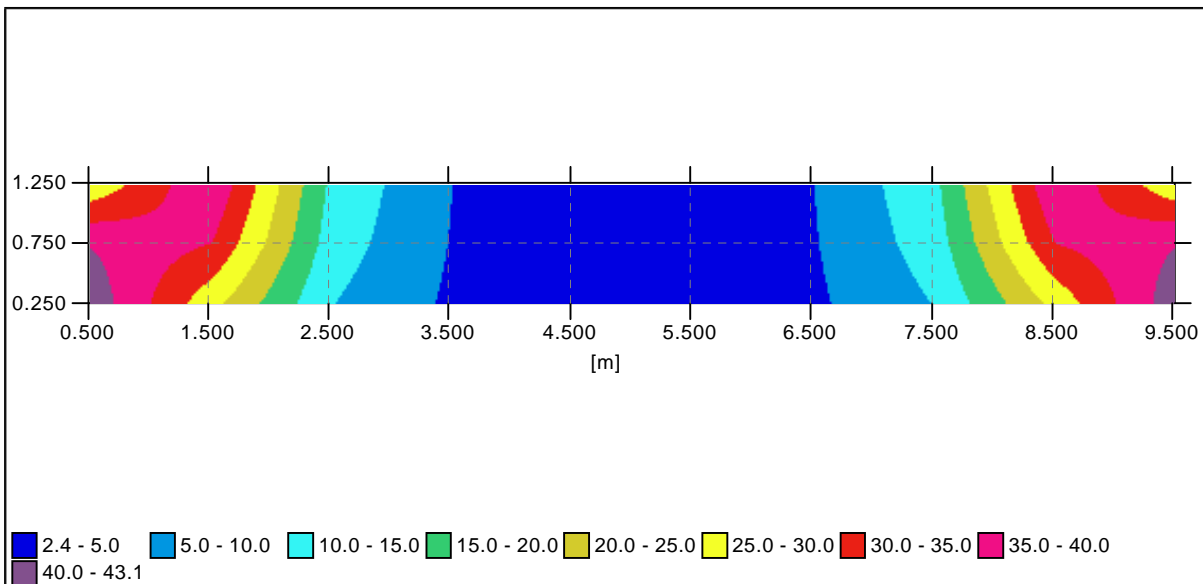
Ave : 17,9 lux

Max : 43,1 lux

Uo : 13,4 %

Ug : 5,6 %

1,250	25,4	39,8	13,9	5,0	2,7	2,7	5,0	13,9	39,9	25,5
0,750	39,7	35,1	12,5	4,7	2,6	2,6	4,7	12,5	35,2	39,8
0,250	43,1	26,7	10,2	4,2	2,4	2,4	4,2	10,2	26,8	43,1
Y/X	0,500	1,500	2,500	3,500	4,500	5,500	6,500	7,500	8,500	9,500

Master grid (2) : Illuminance [lux]**Master grid (2) : Illuminance [lux]**

Lane Centre 1 (3) : Longitudinal uniformities (<- -60,000; 0,750; 1,500) [cd/m•]

Min : 0,51 cd/m• Ave : 1,82 cd/m• Max : 3,34 cd/m• Uo : 28,0 % Ug : 15,3 %

0,750	3,18	3,34	1,47	0,72	0,51	0,52	0,77	1,53	3,10	3,03
Y/X	0,500	1,500	2,500	3,500	4,500	5,500	6,500	7,500	8,500	9,500

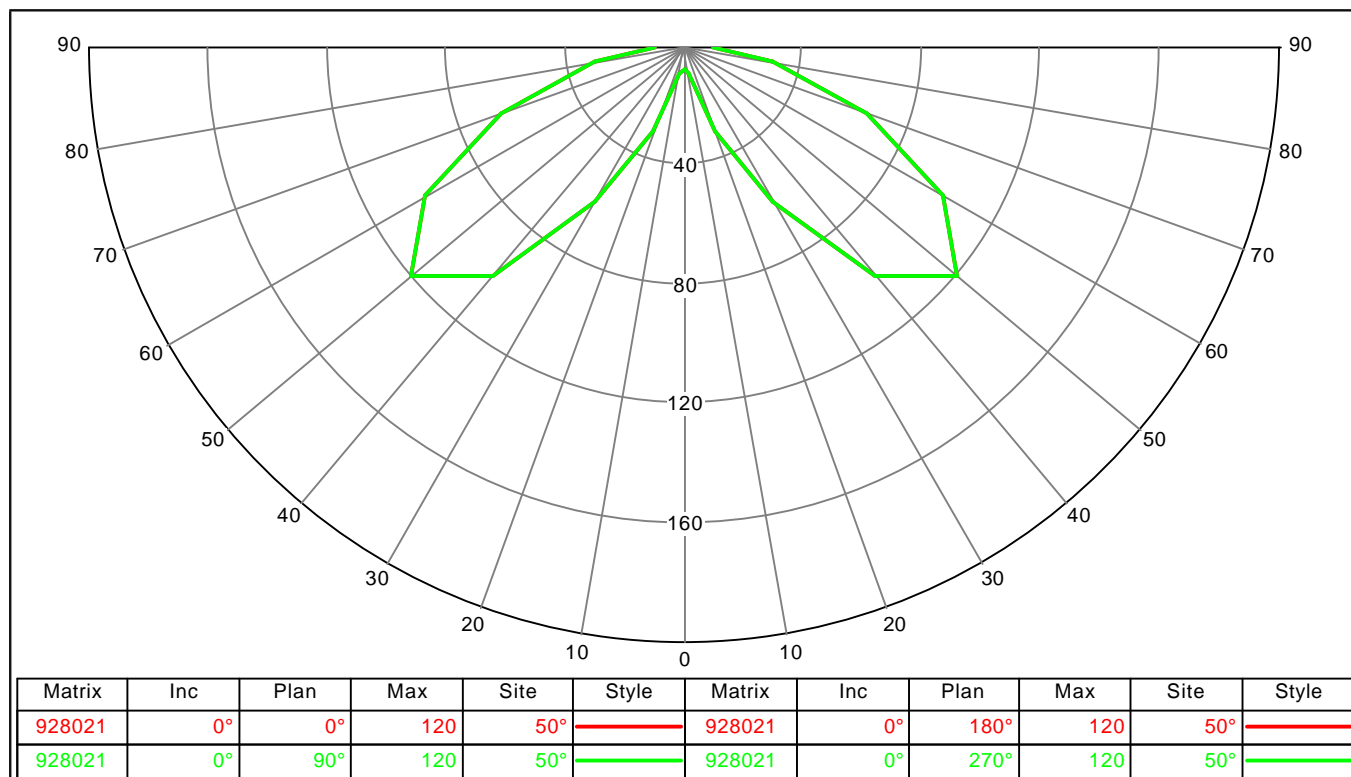
Photometric documents

928021



ATLANTIS/SMOOTH POLYCARBONATE/9999/HPL-N/125/Verticale

Polar / Cartesian diagram



Utilization curve

