




Project : Nolčův park


File : ... \Lighting\Projects\nolcuv\_park.lpf

## General information : Standard CEN

### Road details

Arrangement : 	Driving : 	Way : 
No. of lanes : <input type="text" value="1"/>	Lane width : <input type="text" value="2,200"/> m	Road width : <input type="text" value="2,200"/> m
RTable : <input type="text" value="R3007"/>	Qo : <input type="text" value="0,07"/>	
Calculation : <input checked="" type="checkbox"/> Luminance	<input checked="" type="checkbox"/> Illuminance (Z Positive)	<input type="checkbox"/> Hemi-sph. ill.
	<input type="checkbox"/> Illuminance (Y Positive)	<input type="checkbox"/> Semi-cyl. ill.
		<input checked="" type="checkbox"/> TI

### Luminaires details

Spacing : <input type="text" value="30,000"/> m	Height : <input type="text" value="5,000"/> m	Overhang : <input type="text" value="-0,400"/> m	Setback : <input type="text" value="0,700"/> m
Inclination : <input type="text" value="0,0"/> °			
Type : <input type="text" value="ALURA"/>	Protector : <input type="text" value="STRIATED METHACRYLATE"/>	 <b>981093</b>	
Reflector : <input type="text" value="1584"/>	Setting : <input type="text" value="85/0/-90°"/>		
Source : <input type="text" value="SON-T"/>	Wattage : <input type="text" value="100"/> W		
	Flux : <input type="text" value="6,5"/> klm	MF : <input type="text" value="0,90"/>	

## Summary

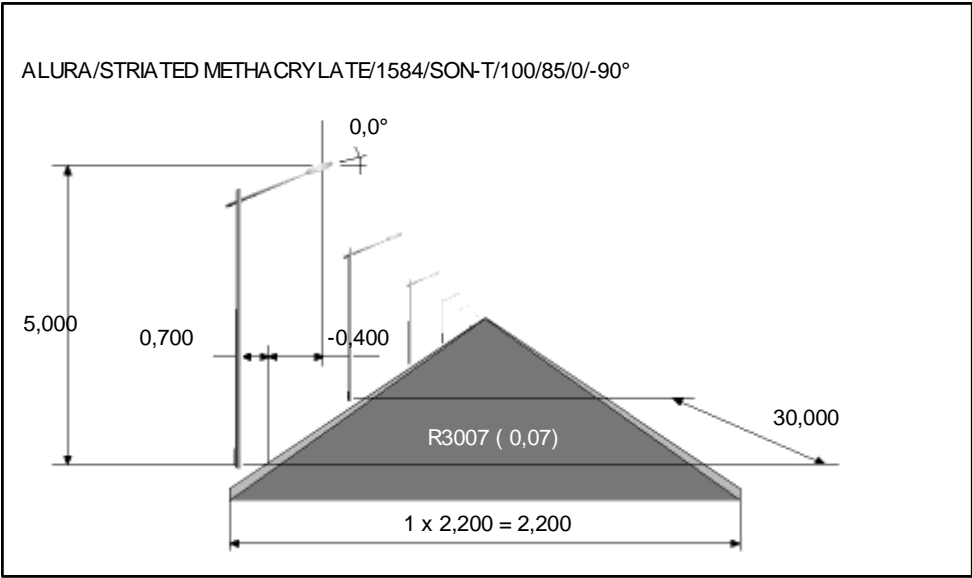
### • Luminance

ObsY : <input type="text" value="1,100"/> m	
LAve : <input type="text" value="0,53"/> cd/m <sup>2</sup>	
Uo : <input type="text" value="48,0"/> %	
UI : <input type="text" value="55,5"/> %	
TI : <input type="text" value="49,2"/> %	Observer position : <input type="text" value="-9,625; 1,100; 1,500"/> m

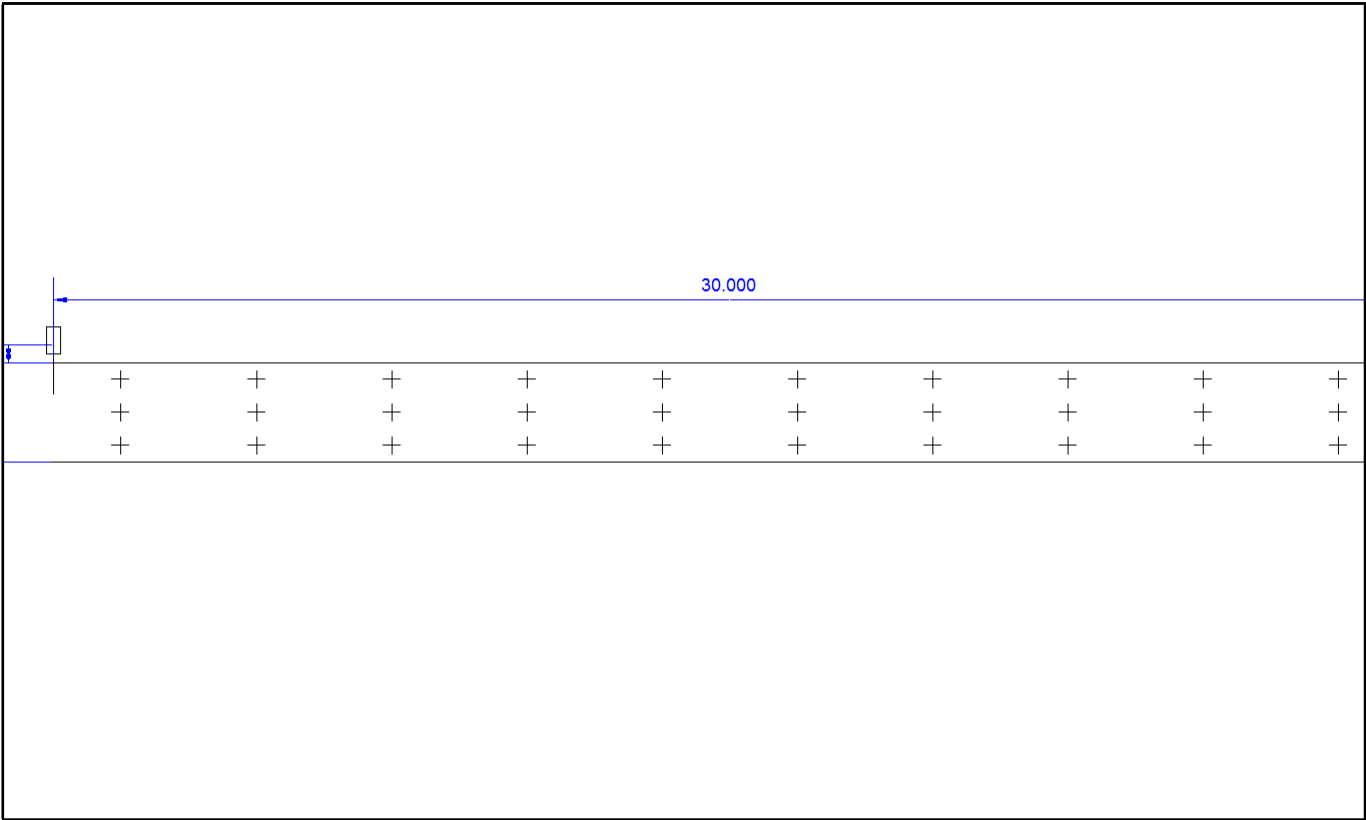
### • Illuminance

EMin : <input type="text" value="1,4"/> lux
EAve : <input type="text" value="6,0"/> lux

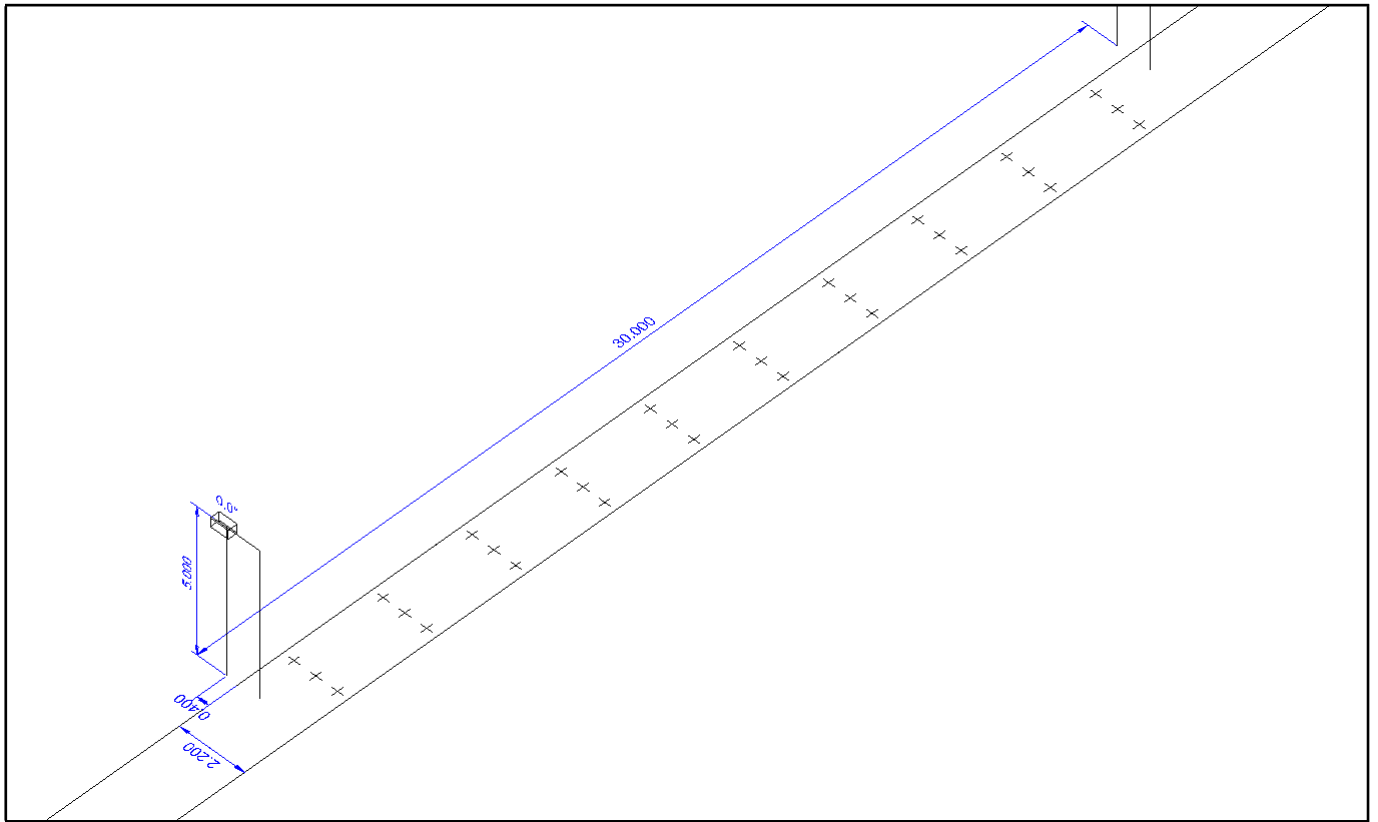
Schema



Plan view



### 3D View



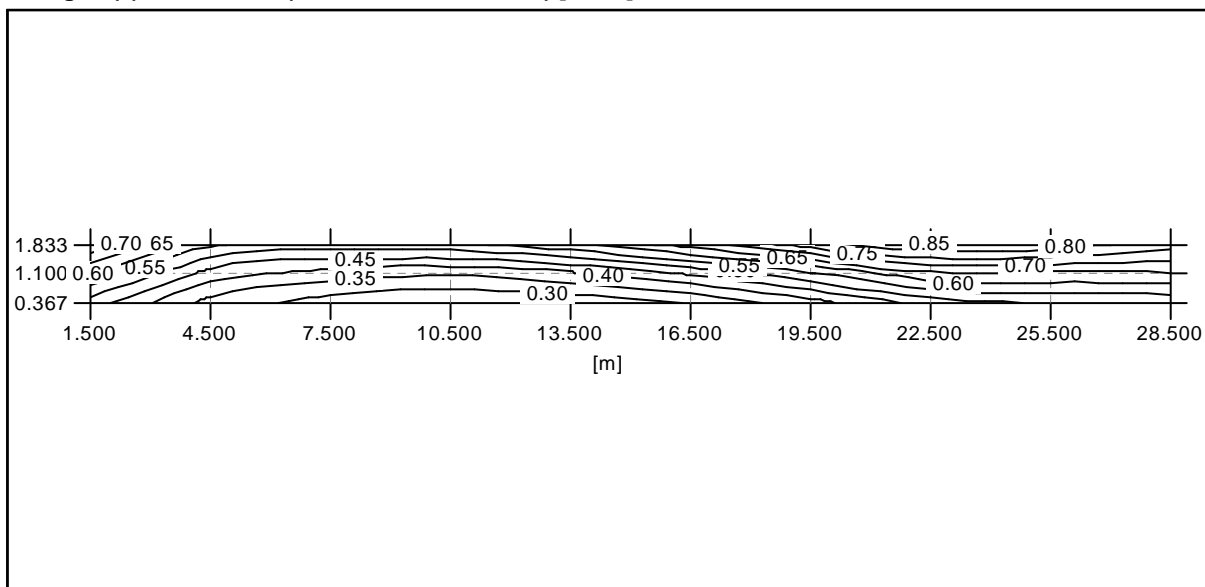
## Grid results

### Master grid (1) : Luminance ( <- -60,000; 1,100; 1,500) [cd/m<sup>2</sup>]

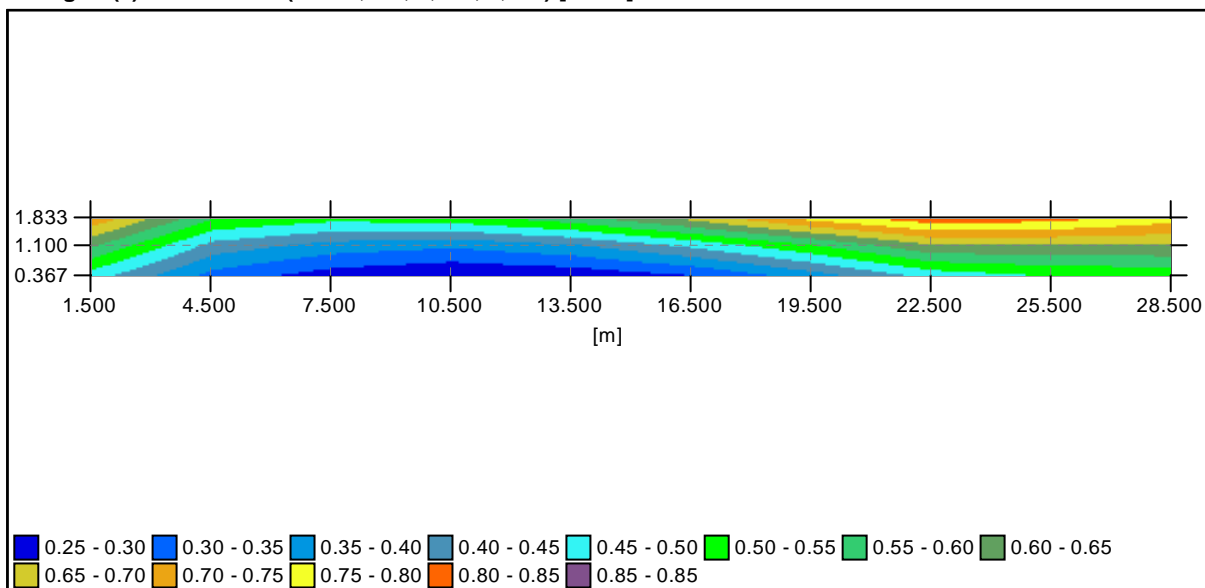
Min : 0,25 cd/m<sup>2</sup> Ave : 0,53 cd/m<sup>2</sup> Max : 0,85 cd/m<sup>2</sup> Uo : 48,0 % Ug : 29,7 %

1,833	0,75	0,56	0,53	0,54	0,60	0,68	0,79	0,85	0,84	0,78
1,100	0,61	0,43	0,38	0,36	0,39	0,46	0,55	0,65	0,64	0,65
0,367	0,48	0,33	0,28	0,25	0,27	0,30	0,38	0,47	0,51	0,51
Y/X	1,500	4,500	7,500	10,500	13,500	16,500	19,500	22,500	25,500	28,500

### Master grid (1) : Luminance ( <- -60,000; 1,100; 1,500) [cd/m<sup>2</sup>]



### Master grid (1) : Luminance ( <- -60,000; 1,100; 1,500) [cd/m<sup>2</sup>]



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

Min : 1,4 lux

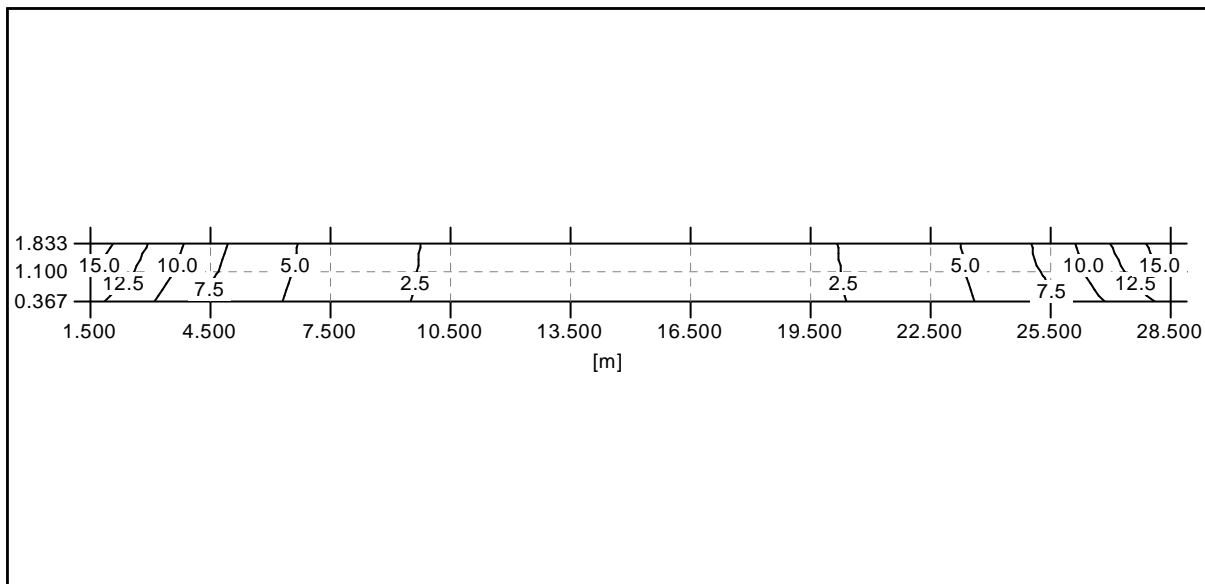
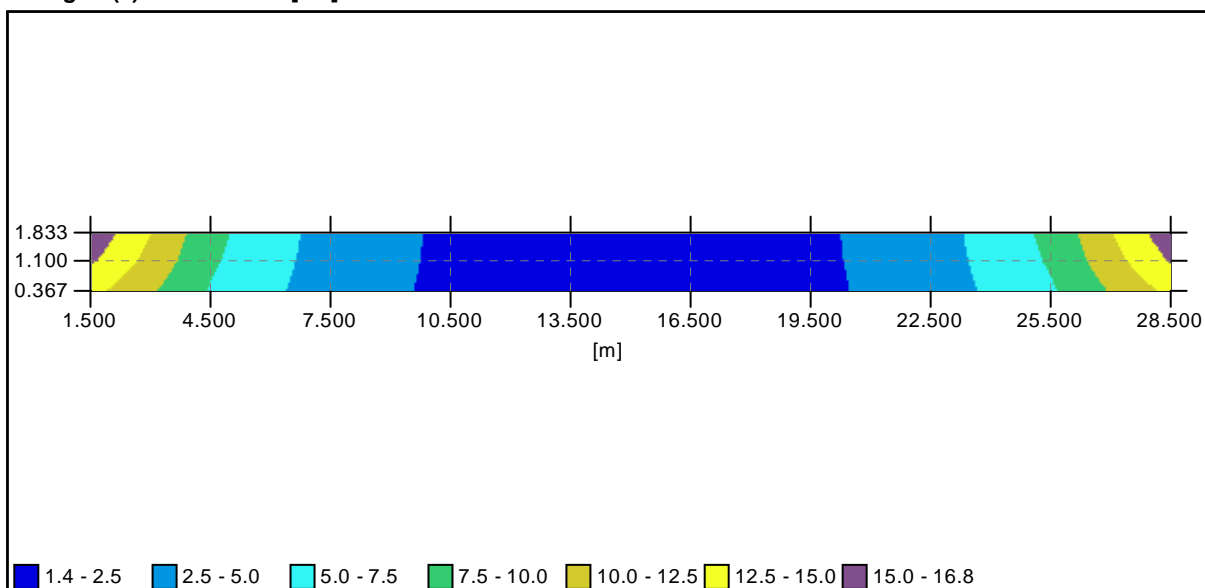
Ave : 6,0 lux

Max : 16,8 lux

Uo : 23,2 %

Ug : 8,3 %

1,833	16,7	8,2	3,9	2,1	1,4	1,4	2,1	3,9	8,2	16,8
1,100	15,3	7,8	3,8	2,0	1,4	1,4	2,0	3,8	7,8	15,3
0,367	13,2	7,2	3,6	2,0	1,4	1,4	2,0	3,6	7,3	13,3
Y/X	1,500	4,500	7,500	10,500	13,500	16,500	19,500	22,500	25,500	28,500

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

**Lane Centre 1 (3) : Longitudinal uniformities ( <- -60,000; 1,100; 1,500) [cd/m²]**

Min : 0,36 cd/m²

Ave : 0,51 cd/m²

Max : 0,65 cd/m²

Uo : 70,3 %

Ug : 55,5 %

1,100	0,61	0,43	0,38	0,36	0,39	0,46	0,55	0,65	0,64	0,65
Y/X	1,500	4,500	7,500	10,500	13,500	16,500	19,500	22,500	25,500	28,500

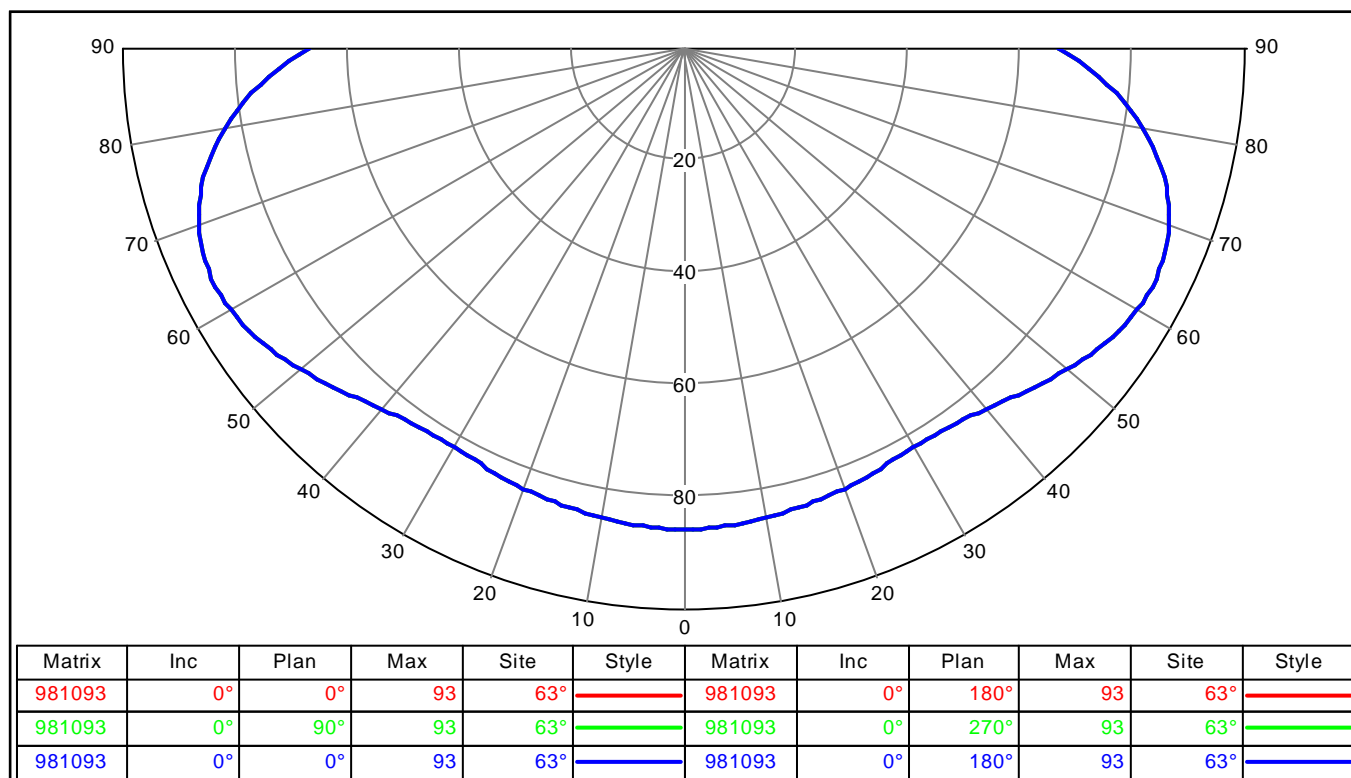
## Photometric documents

981093



ALURA/STRIATED METHACRYLATE/1584/SON-T/100/85/0/-90°

## Polar / Cartesian diagram



## Utilization curve

