




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 : **293631**

Reflector : Setting :

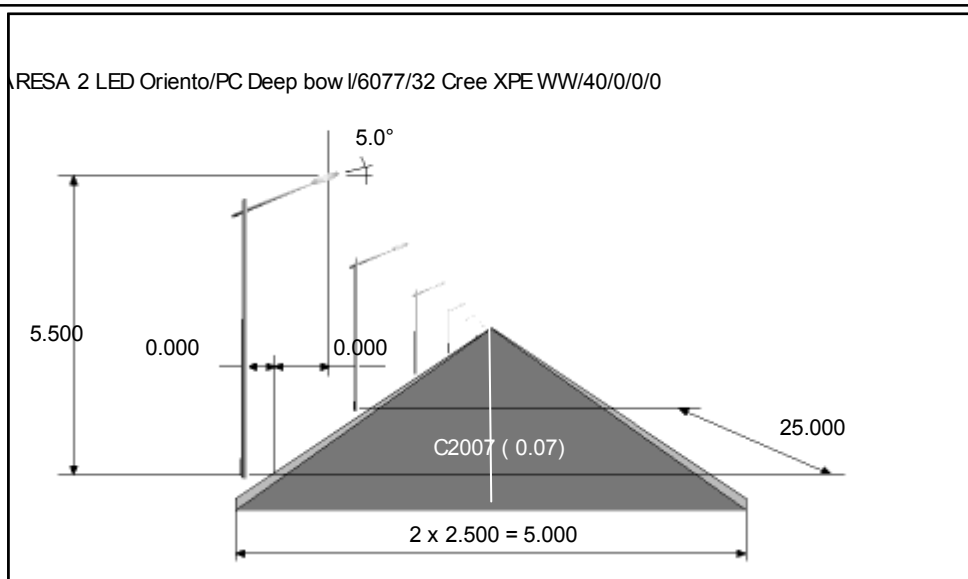
Source : Wattage : W Flux : klm MF :

Summary

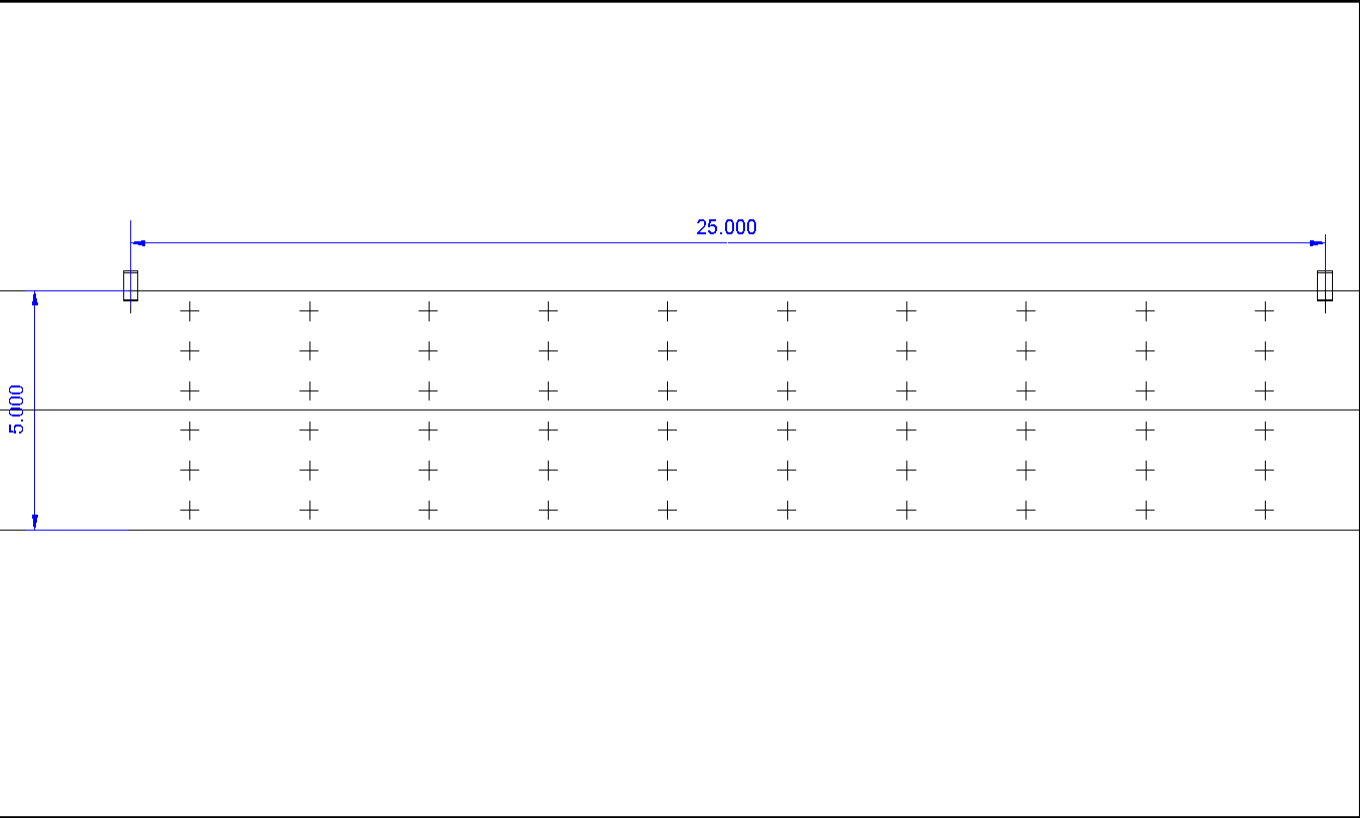
• Luminance

	1	2	
ObsY	<input type="text" value="1.250"/>	<input type="text" value="3.750"/>	m
LAve	<input type="text" value="0.55"/>	<input type="text" value="0.51"/>	cd/m ²
Uo	<input type="text" value="42.8"/>	<input type="text" value="42.9"/>	%
Ui	<input type="text" value="48.2"/>	<input type="text" value="59.2"/>	%
TI	<input type="text" value="21.5"/>		%

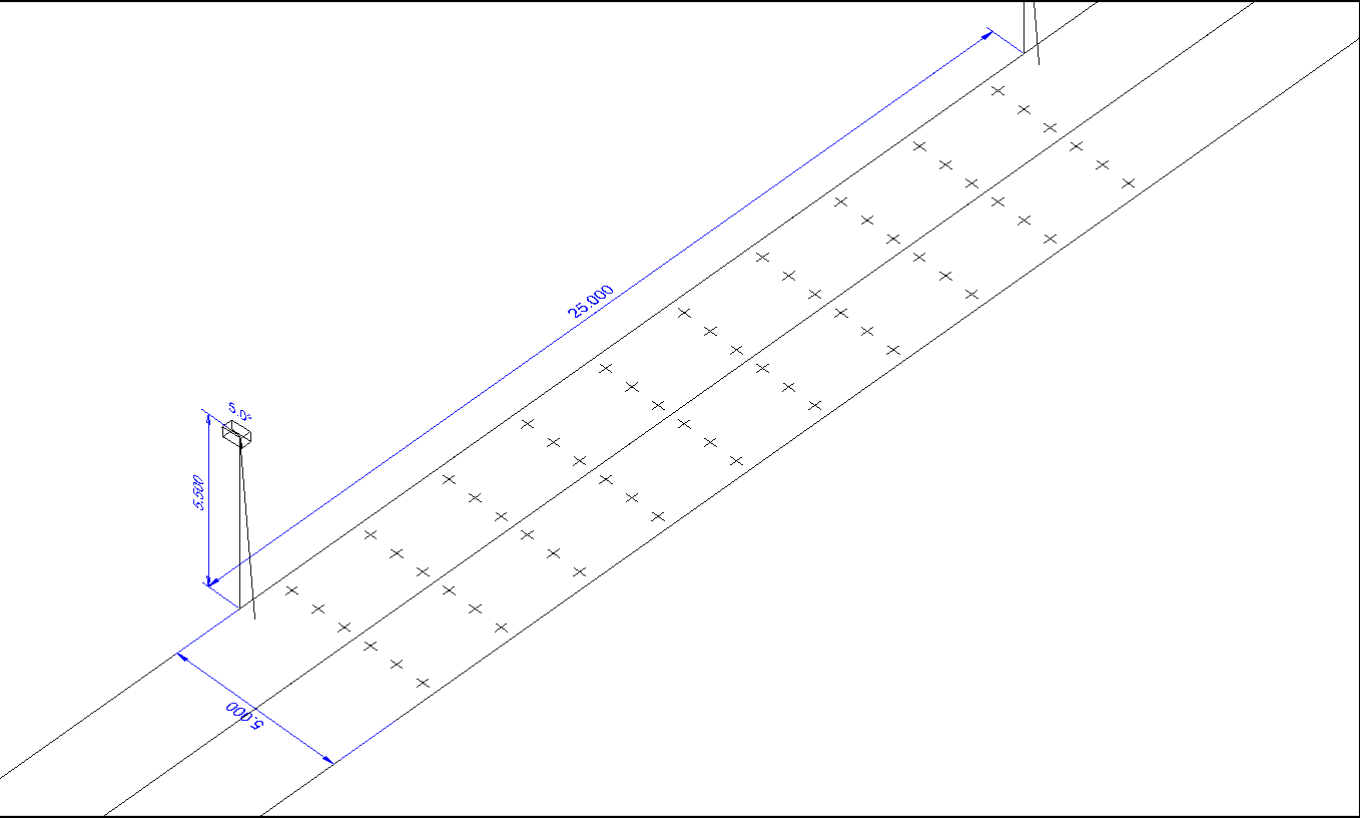
Observer position : m

Schema

Plan view



3D View



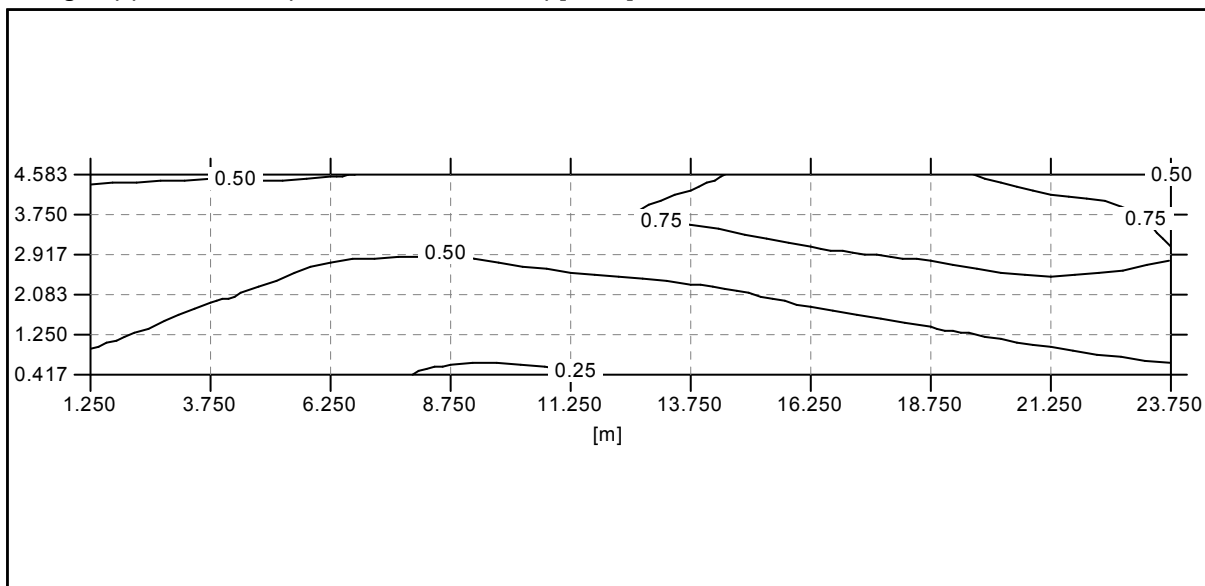
Grid results

Master grid (1) : Luminance (<- -60.000; 1.250; 1.500) [cd/m²]

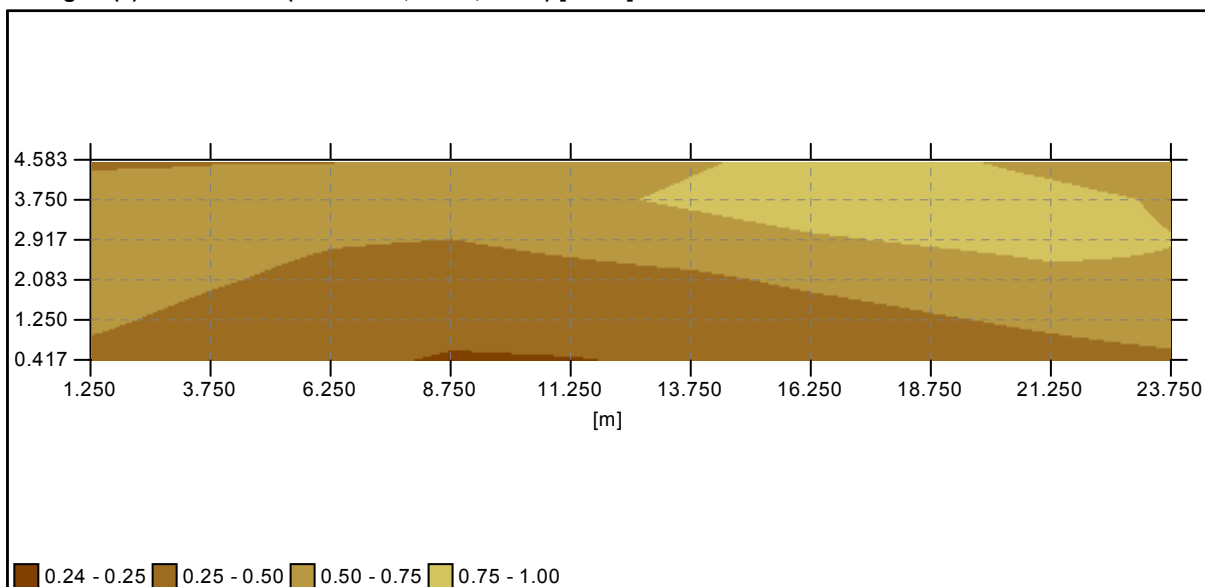
Min : 0.24 cd/m² Ave : 0.55 cd/m² Max : 0.93 cd/m² Uo : 42.8 % Ug : 25.4 %

4.583	0.44	0.48	0.49	0.53	0.61	0.72	0.82	0.80	0.65	0.50
3.750	0.66	0.63	0.60	0.62	0.70	0.79	0.89	0.93	0.84	0.71
2.917	0.70	0.60	0.52	0.50	0.57	0.63	0.72	0.78	0.83	0.76
2.083	0.64	0.53	0.42	0.38	0.42	0.46	0.54	0.61	0.69	0.71
1.250	0.55	0.42	0.34	0.30	0.31	0.34	0.40	0.48	0.54	0.61
0.417	0.42	0.34	0.28	0.24	0.24	0.27	0.31	0.37	0.42	0.46
Y/X	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750

Master grid (1) : Luminance (<- -60.000; 1.250; 1.500) [cd/m²]



Master grid (1) : Luminance (<- -60.000; 1.250; 1.500) [cd/m²]

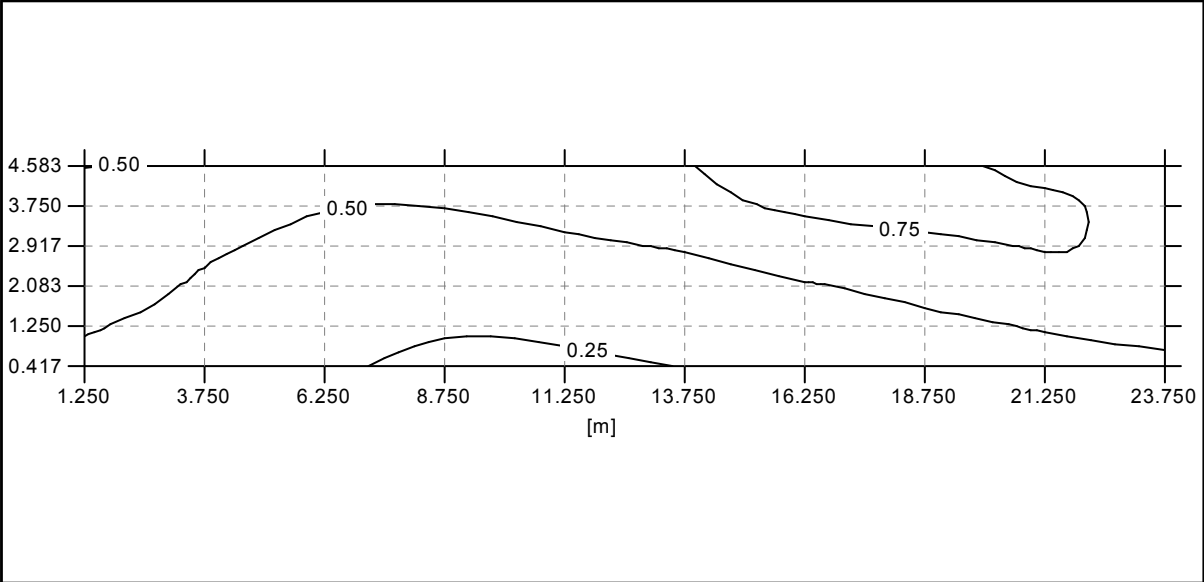


Master grid (2) : Luminance (<- -60.000; 3.750; 1.500) [cd/m²]

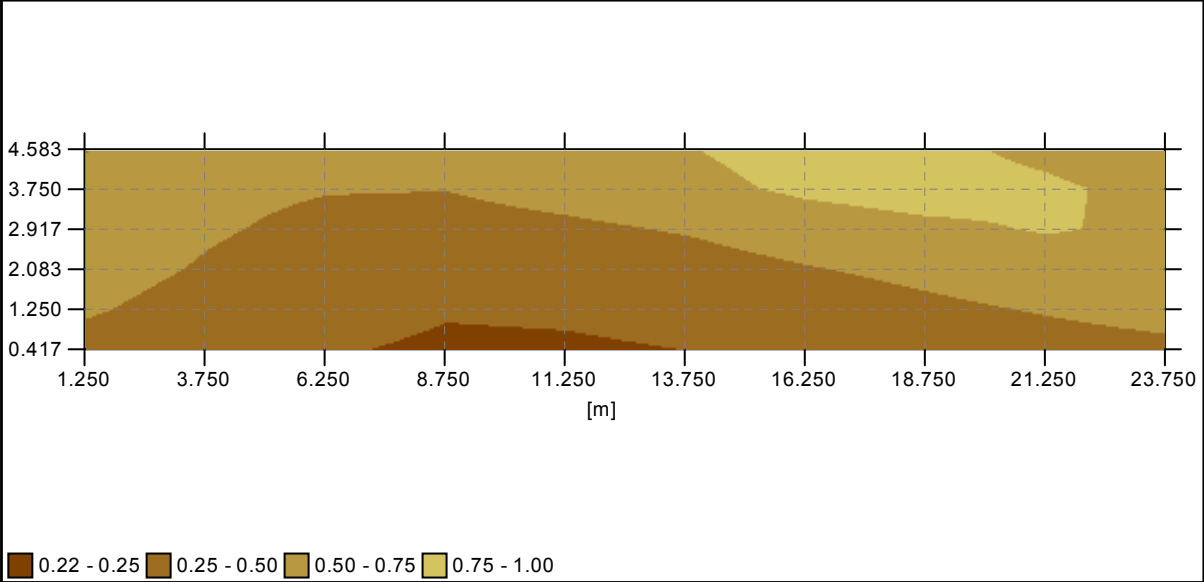
Min : 0.22 cd/m² Ave : 0.51 cd/m² Max : 0.86 cd/m² Uo : 42.9 % Ug : 25.7 %

4.583	0.49	0.53	0.53	0.56	0.65	0.74	0.84	0.81	0.68	0.53
3.750	0.60	0.55	0.51	0.51	0.59	0.68	0.79	0.86	0.79	0.66
2.917	0.63	0.53	0.44	0.41	0.45	0.52	0.63	0.70	0.77	0.71
2.083	0.60	0.48	0.37	0.33	0.35	0.39	0.49	0.56	0.65	0.68
1.250	0.53	0.40	0.32	0.27	0.28	0.31	0.37	0.45	0.52	0.59
0.417	0.42	0.32	0.27	0.22	0.23	0.25	0.29	0.35	0.40	0.45
Y/X	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750

Master grid (2) : Luminance (<- -60.000; 3.750; 1.500) [cd/m²]



Master grid (2) : Luminance (<- -60.000; 3.750; 1.500) [cd/m²]



Lane Centre 1 (3) : Longitudinal uniformities (< -60.000; 1.250; 1.500) [cd/m²]

Min : 0.30 cd/m² Ave : 0.43 cd/m² Max : 0.61 cd/m² Uo : 68.7 % Ug : 48.2 %

1.250	0.55	0.42	0.34	0.30	0.31	0.34	0.40	0.48	0.54	0.61
Y/X	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750

Lane Centre 2 (4) : Longitudinal uniformities (< -60.000; 3.750; 1.500) [cd/m²]

Min : 0.51 cd/m² Ave : 0.66 cd/m² Max : 0.86 cd/m² Uo : 77.4 % Ug : 59.2 %

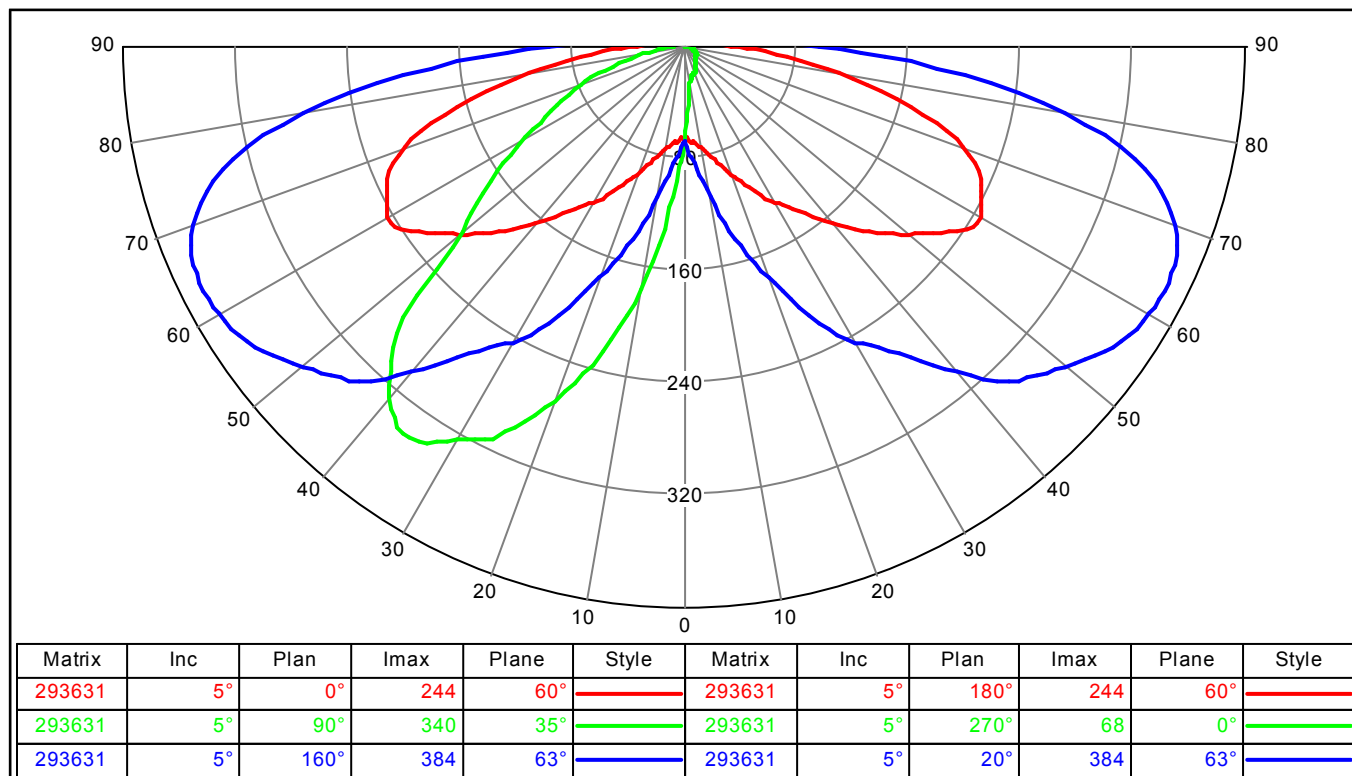
3.750	0.60	0.55	0.51	0.51	0.59	0.68	0.79	0.86	0.79	0.66
Y/X	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750

Photometric documents

293631

ARESA 2 LED Oriento/PC Deep bowl/6077/32 Cree XPE WW/40/0/0/0

Polar / Cartesian diagram



Utilization curve

