

Product Code
TLED SL-CX02

Description
Street lens for
Cree XPG leds

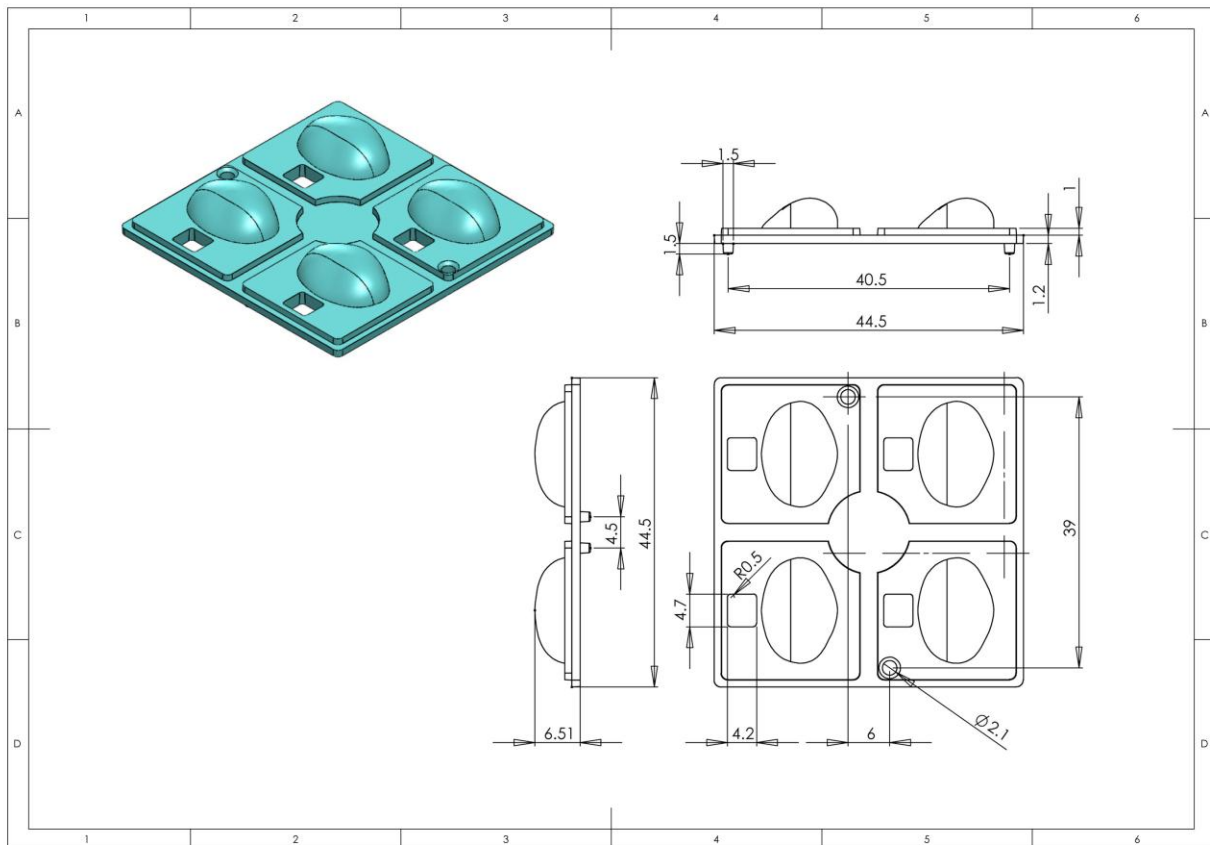
Plastic optics
design &
manufacturing



Geometrical Data

Area 44.5x44.5mm
Thickness 6.51mm
LED housing \varnothing 3mm
Feet 1.5mm

2x2 grid



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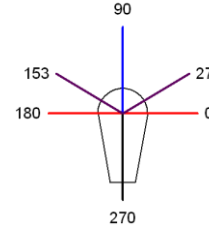
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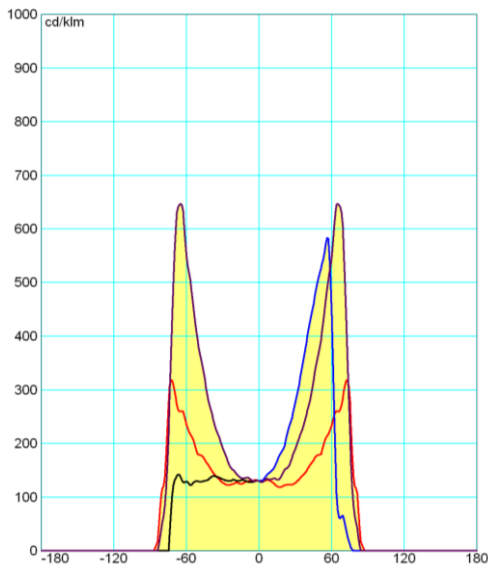


Optical Data

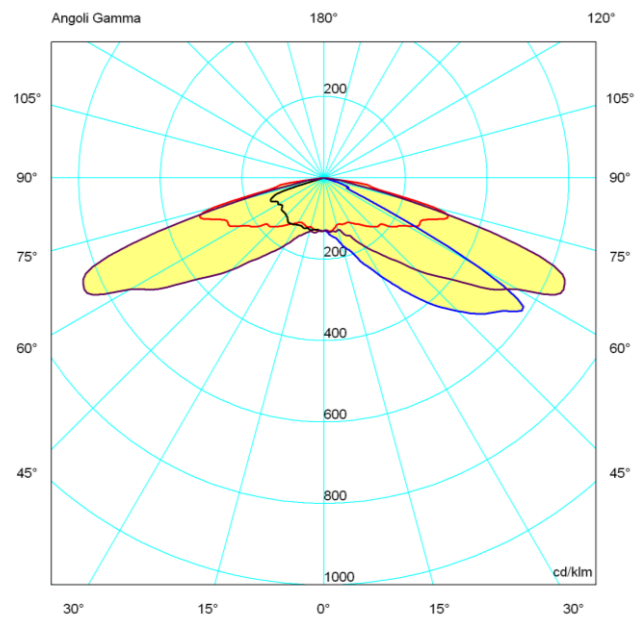
Peak intensity 606cd/klm
Peak position C=27°-153° G=66°
IES Classification Type II-S



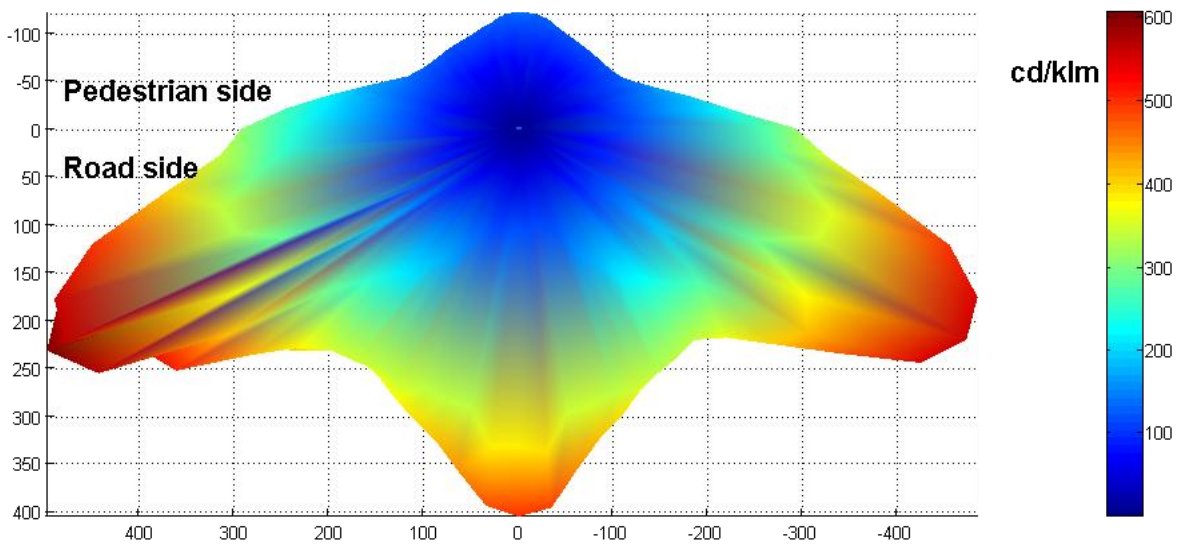
Cartesian diagram



Polar diagram



Photometric solid



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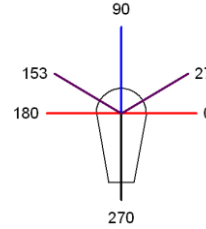
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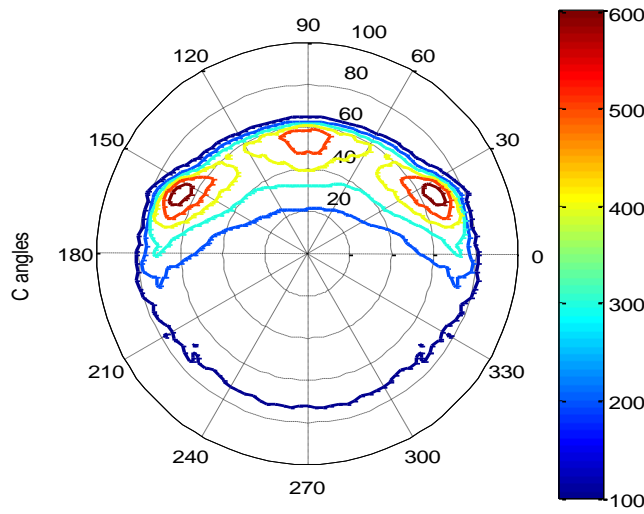


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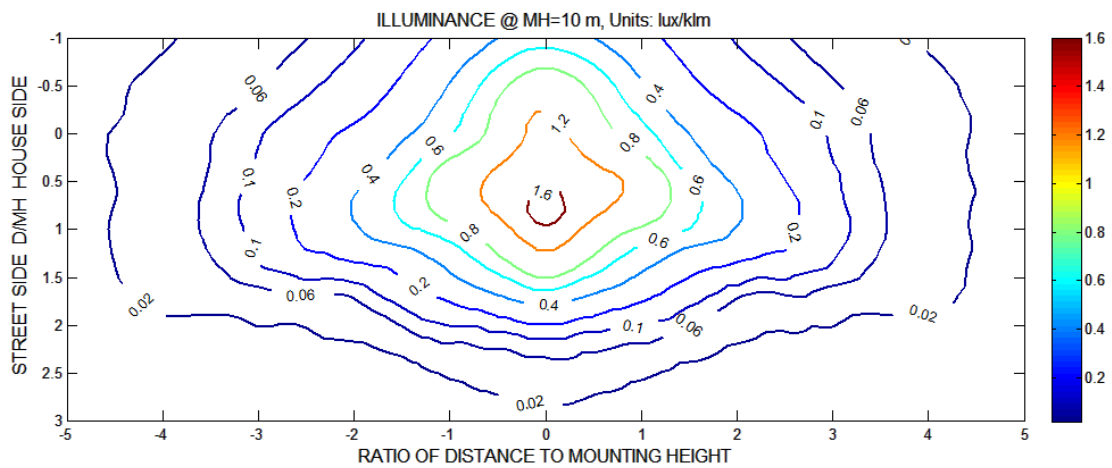


Isocandela diagram



Units: cd/klm

Isolux diagram on street



Height [m]	5	6	7	8	9	10	11	12	13
Factor	4	2.778	2.041	1.563	1.235	1	0.826	0.694	0.592

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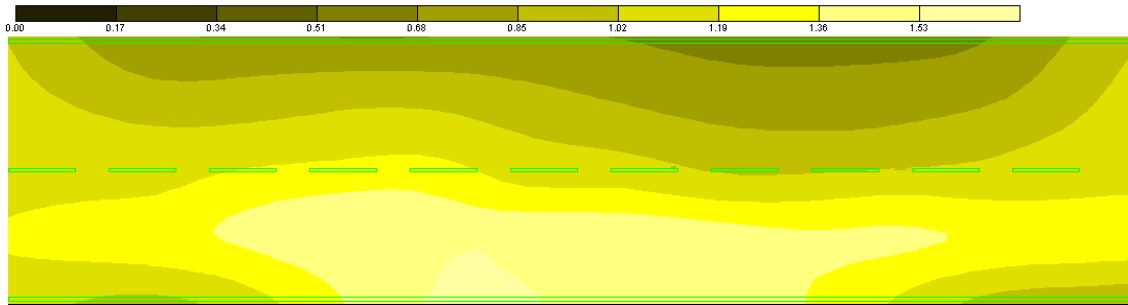
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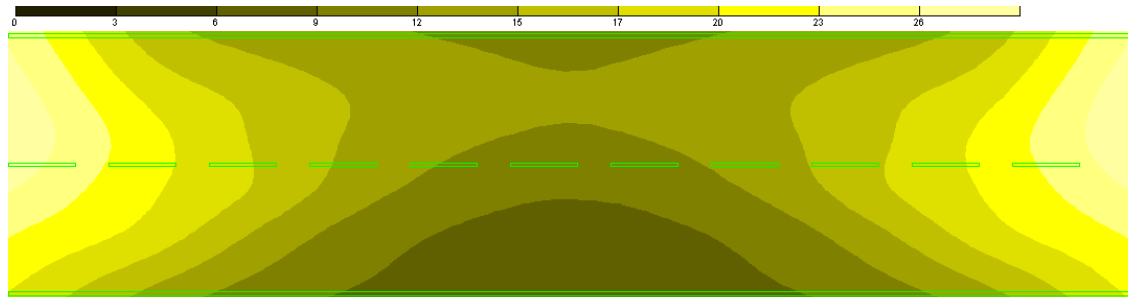
Lighting features

Height	8m	Carriageway	8m
Distance	33.6m	Lanes	2
Inclination	0°	Bracket length	0m (road side)
Maintenance factor	80%	Power	11500lm

Luminance (cd/m²)



Illuminance (lux)



Performance	L _m	U _o	U _l	TI	SR	Class (13201 standard)
	1cd/m ²	0.58	0.72	13.3%	0.68	ME3a

