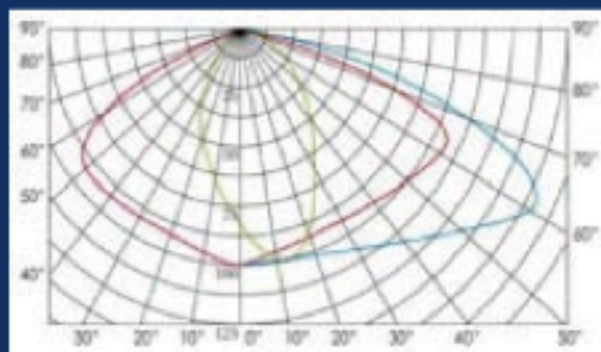


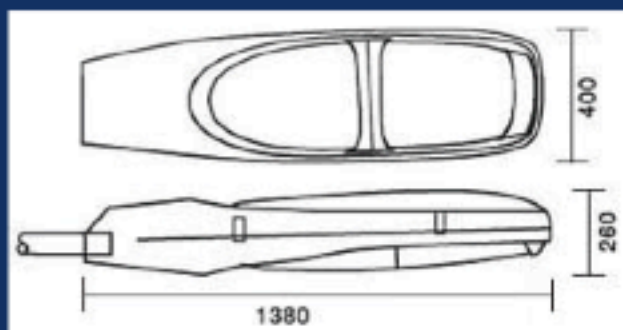


## Photometrics



80W Saturn Lamp

## Dimensions



Name: Street Light

Serial Code: 0620

Dimension: 1380x400x260 mm

Wattage: 40W

Features:

- 1.The fixture body is made of die-casting Alu alloy.
- 2.High-purity aluminum reflector provides optimum light distribution.
- 3.High temperature resistant cambered tempered glass.
- 4.Stainless Steel and flexibility hasp, simple structure.
- 5.Two sides opening mode is convenient for installation.
- 6.Can match with our LVD Saturn lamp with its excellent Color Rendering Index and light efficiency, long life span, no flicker and energy saving, wide range of color temperature and soft light ,stable light output.

## Street Profile

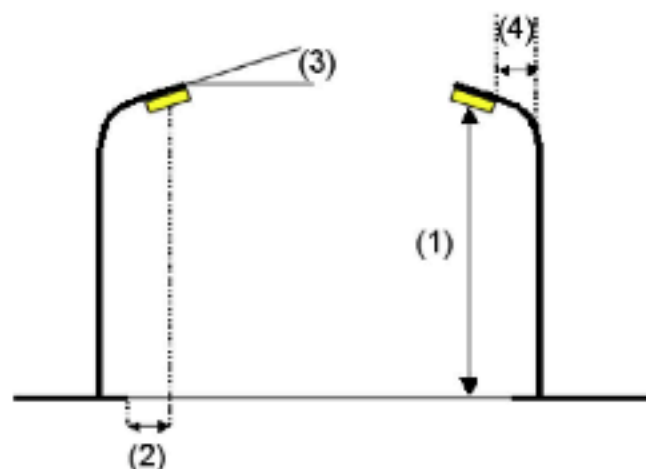
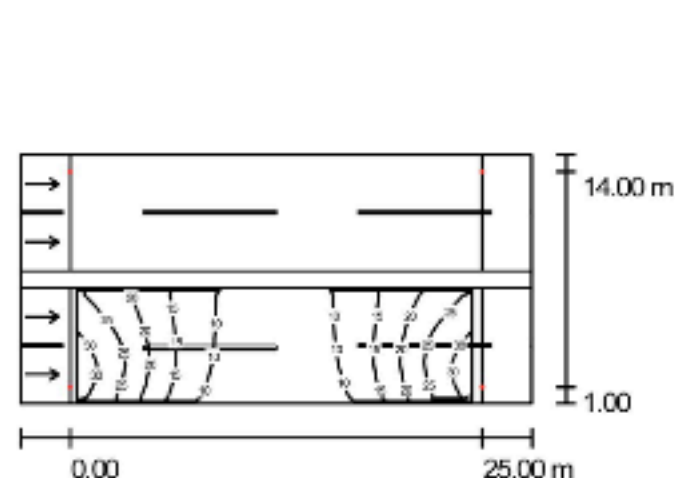
Road (Width: 7.000 m, Number of lanes: 2, tarmac: R3,  $q_0$ : 0.070)

CeStral IslaSd (Width: 1.000 m, Height: 0.000 m)

Road (Width: 7.000 m, Number of lanes: 2, tarmac: R3,  $q_0$ : 0.070)

Light loss factor: 0.70

## Luminaire Arrangements



Luminaire Luminous Flux: 6400 lm  
 Luminaire Wattage: 95.7 W  
 Arrangement: Double row, opposing  
 Pole Distance: 25.000 m  
 Mounting Height (1): 8.000 m  
 Height: 7.903 m  
 Overhang (2): 1.026 m  
 Boom Angle (3): 15.0 °  
 Boom Length (4): 1.500 m

Maximum luminous intensities

at 70° : 109 cd/klm  
 at 80° : 75 cd/klm  
 at 90° : 34 cd/klm

Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.6.

Grid: 10 x 6 Points

Accompanying Street Elements: Road

tarmac: R3,  $q_0$ : 0.070

Selected Lighting Class: ME4a

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]	SR
0.79	0.6	0.6	10	0.8
≥ 0.75	≥ 0.4	≥ 0.6	≤ 15	≥ 0.5
✓	✓	✓	✓	✓

$E_{av}$  [lx]  
16

$E_{min}$  [lx]  
6.49

$E_{max}$  [lx]  
31

u0  
0.406

$E_{min} / E_{max}$   
0.212