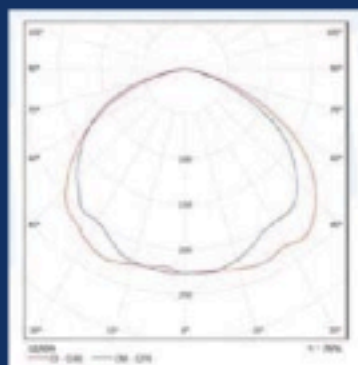




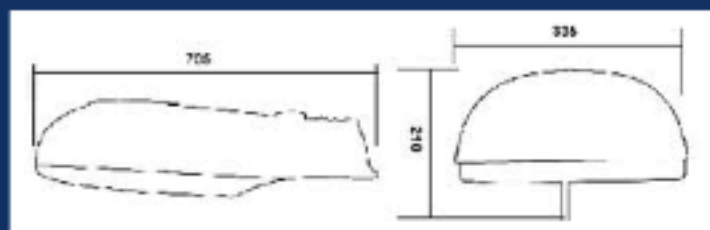
LVD Saturn Lamp

Photometrics



40W Saturn Lamp

Dimensions



Name: Street Light

Serial Code: 0639

Dimension: 705x335x210 mm

Wattage: 40W-80W

Package Dimension: 725x365x225 mm

Features:

- 1.The fixture body is made of die-casting Alu alloy
- 2.Tensile aluminum reflector provides optimum light distribution
- 3.Electrostatic spray surface treatment technology, attractive and durable
- 4.Optional photo-controlled switch
- 5.Can match with our LVD Saturn series 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

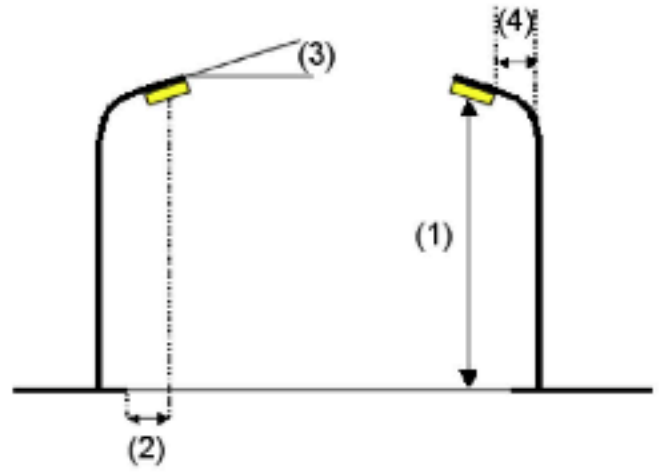
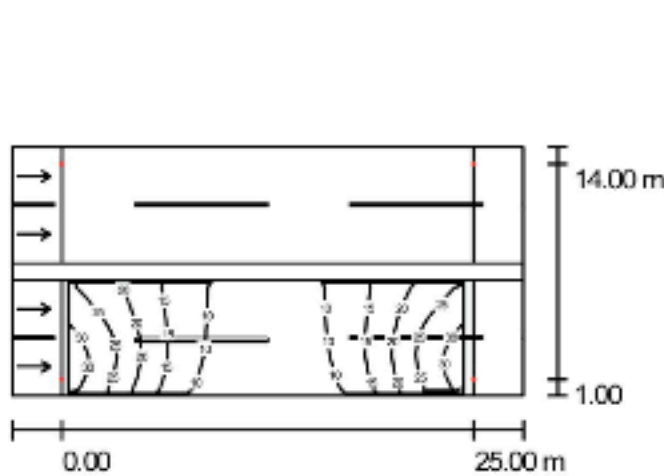
Road (Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

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

Road (Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 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, q0: 0.070
- Selected Lighting Class: ME4a

(All lighting performance requirements are met.)

Calculated values:	L_{av} [cd/m ²]	U0	UI	TI [%]	SR
Required values according to class:	≥ 0.75	≥ 0.4	≥ 0.6	≤ 15	≥ 0.5
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
16	6.49	31	0.406	0.212