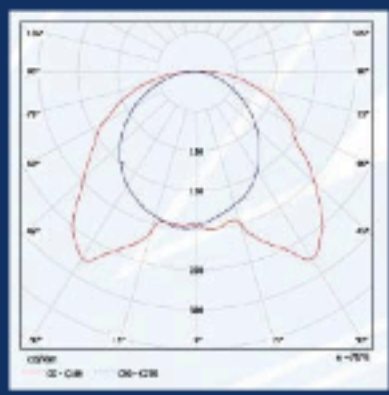


Street Light



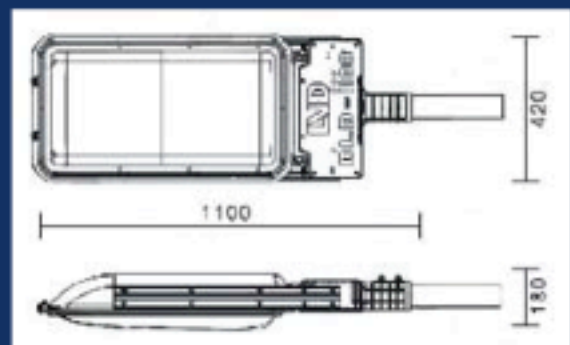
LVD Smart Dragon Lamp

Photometrics



200W Smart Dragon Lamp

Dimensions



Name: Street Light
Serial Code: 0612B
Dimension: 1100x420x180mm
Wattage: 120W-300W
Package Dimension: 1180x495x270mm

- Features:
1. The fixture body and Electrical box are made of die-casting Alu
 2. High-intensity, High temperature resistant cambered tempered glass
 3. Once shaping high-purity aluminum reflector provides optimum light distribution
 4. Electrostatic spray surface treatment technology
 5. Optional photo-controlled switch
 6. Separate installation of Ballast and light source is more convenient for heat dissipation
 7. Can match with our LVD smart dragon 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

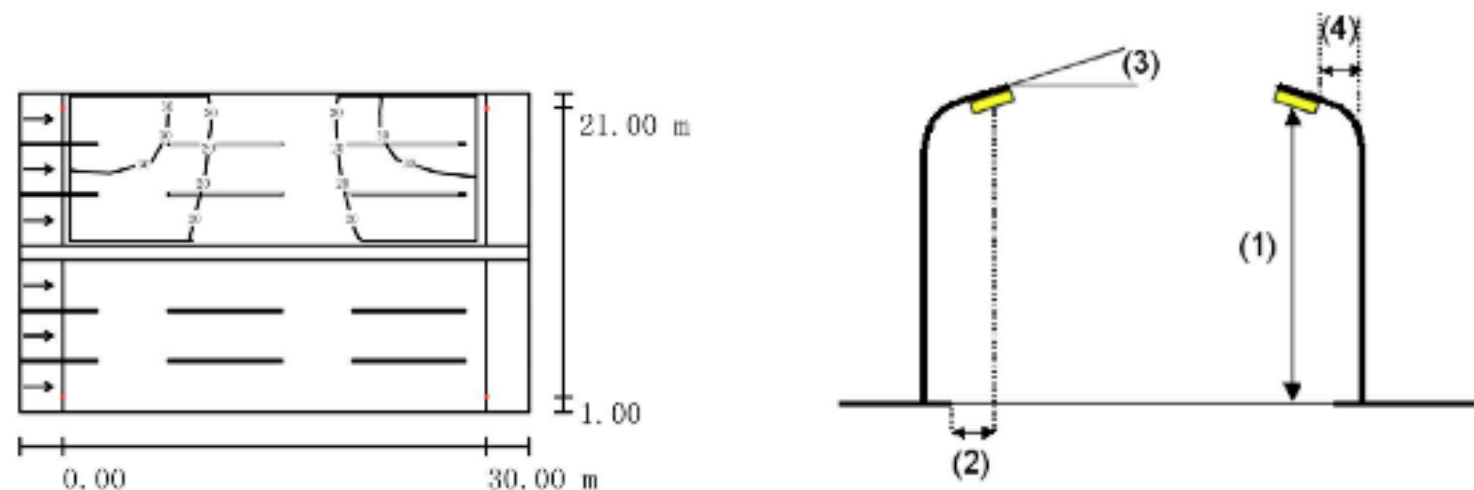
Road (Width: 10.500 m, Number of Lanes: 3, tarmac: R3, q_0 : 0.070)

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

Road (Width: 10.500 m, Number of Lanes: 3, tarmac: R3, q_0 : 0.070)

Light loss factor: 0.70

Luminaire Arrangements



Luminaire Luminous Flux:	16000 lm
Luminaire Wattage:	208.3 W
Arrangement:	Double row, opposite
Pole Distance:	30.000 m
Mounting Height (1):	10.000 m
Height:	9.903 m
Overhang (2):	1.026 m
Boom Angle (3):	15.0 °
Boom Length (4):	1.500 m

Maximum Luminous Intensities

at 70° :	130 cd/klm
at 80° :	85 cd/klm
at 90° :	44 cd/klm

Asy direction from 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 9 Points

Accompanying Street Elements: Road

tarmac: R3, q_0 : 0.070

Selected Light Class: ME4a

(All lighting performance requirements are met.)

Calculated values:	L_{av} [cd/m ²]	U0	UI	TI [%]	SR
Required values according to class:	1.28	0.6	0.6	15	0.9
Fulfilled/Not fulfilled:	≥ 0.75	≥ 0.4	≥ 0.6	≤ 15	≥ 0.5
	✓	✓	✓	✓	✓

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
24	13	39	0.545	0.331