



Street Lighting (06-030)



Name: Street Light

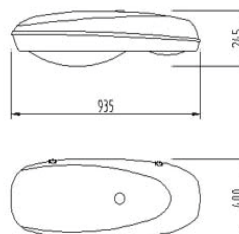
Serial Code: 06-030

Dimension: 935x400x245mm

Wattage: 40W to 150W

Features:

1. The body is made of high pressure die-cast Aluminum
2. High-intensity, high temperature resistant tempered glass
3. Aluminum reflector provides optimum light distribution
4. Powder coated body
5. Optional photo-controlled switch
6. Excellent Color Rendering Index and light efficiency, long life span, anti flicker, good energy saving, wide range of color temperatures.





Planning Data

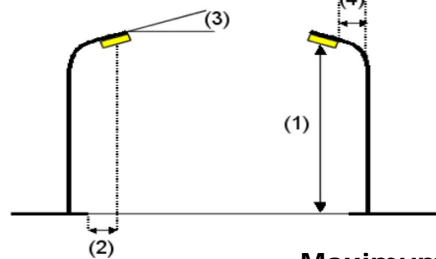
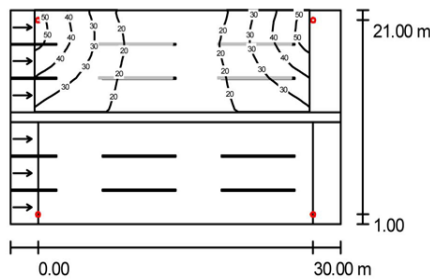
Street Profile

2 (Width: 10.500m, Number of lanes: 3 Tarmac: R3, q0: 0.070
(Width: 1.000m, Height: 0.000m)

1 (Width: 10.500m, Number of lanes: 3 Tarmac: R3, q0: 0.070

Light Loss Factor 0.70

Luminaire Arrangements



Luminaire: 06-030
Luminous Flux: 16000 lm
Wattage: 150w
Arrangement: Double Row, Opposing.
Pole Distance: 30.0 meters
Mounting Height: 10.0 meters
Height: 10.0 meters
Overhang: (2) 1.0 meters
Boom Angle: (3) 15°
Boom Length: 1.5 meters

Maximum Luminous Intensities:

At 70° : 139 cd/klm
At 80° : 98 cd/klm
At 90° : 53 cd/klm

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

Arrangement complies with luminous intensity class G1
Arrangement complies with Glare Index class D6

Grid 10 x 9 points.
Accompanying street elements 2.
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:	1.16	0.6	0.6	6	0.8
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	11	46	0.453	0.237	