



ORE LIGHTING INC

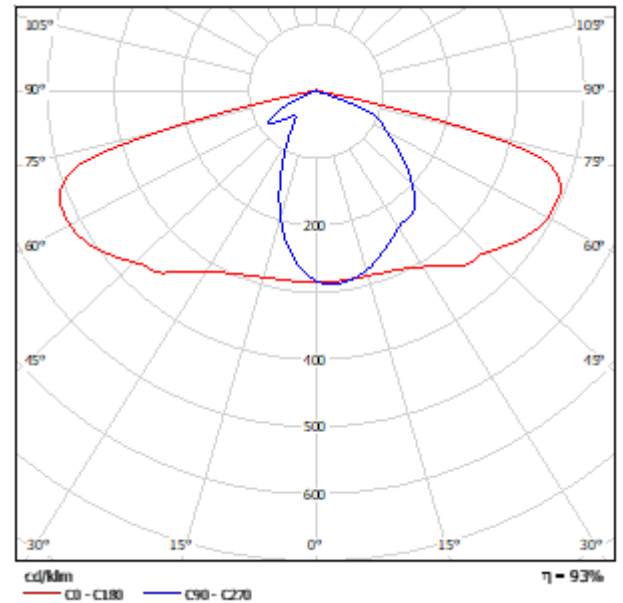
13000 Murphy Road, Suite 116, Stafford, Houston TX77477

Operator Leon Jiang
Telephone 832-491-7887
Fax
e-Mail Leon@orelighting.com

ORE Lighting INC Typeçó-Medium Typeçó-Medium-100w / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 39 72 96 100 94

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



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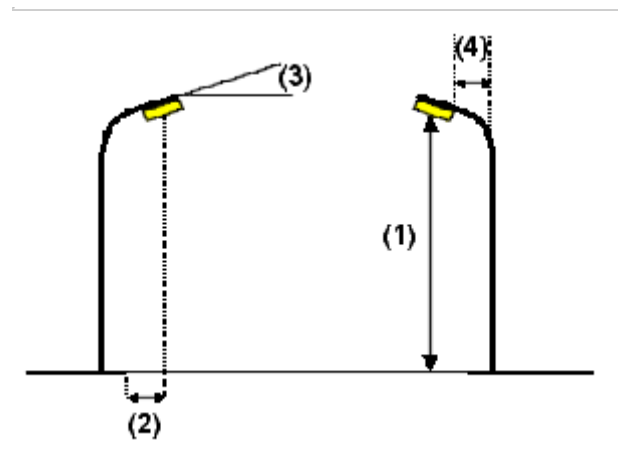
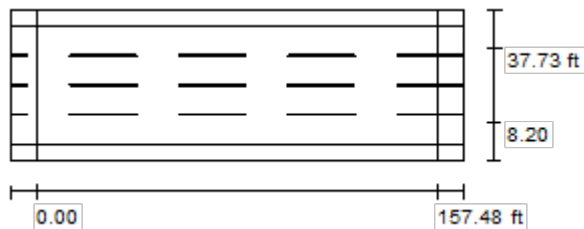
Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Planning data

Street Profile

Sidewalk 2 (Width: 6.562 ft)
 Roadway 1 (Width: 45.931 ft, Number of lanes: 4, tarmac: R3, q0: 0.070)
 Sidewalk 1 (Width: 6.562 ft)

Light loss factor: 0.67

Luminaire Arrangements



Luminaire: ORE Lighting INC Typeφ6-Medium Typeφ6-Medium-100w
 Luminous flux (Luminaire): 12795 lm
 Luminous flux (Lamps): 13700 lm
 Luminaire Wattage: 98.1 W
 Arrangement: Double row, opposing
 Pole Distance: 157.478 ft
 Mounting Height (1): 26.246 ft
 Height: 26.240 ft
 Overhang (2): 8.202 ft
 Boom Angle (3): 0.0 °
 Boom Length (4): 8.202 ft

Maximum luminous intensities
 at 70°: 423 cd/klm
 at 80°: 102 cd/klm
 at 90°: 2.78 cd/klm

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

Arrangement complies with luminous intensity class G2.

Arrangement complies with glare index class D.5.



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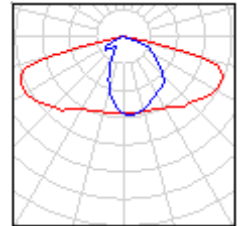
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Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Luminaire parts list

ORE Lighting INC Typeφó-Medium Typeφó-Medium-100w
Article No.: Typeφó-Medium
Luminous flux (Luminaire): 12795 lm
Luminous flux (Lamps): 13700 lm
Luminaire Wattage: 98.1 W
Luminaire classification according to CIE: 100
CIE flux code: 39 72 96 100 94
Fitting: 2 x SMD-4000K (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



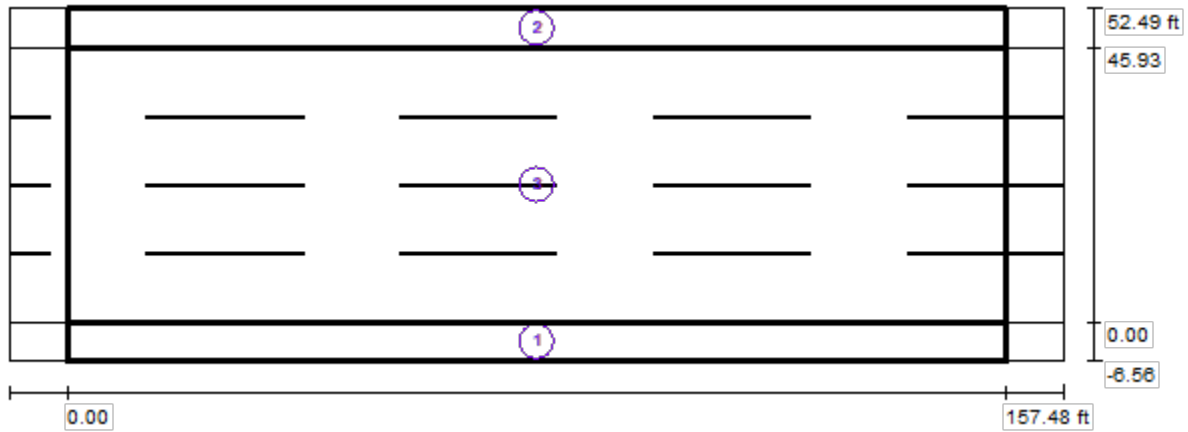


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Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Photometric Results



Light loss factor: 0.67

Scale 1:387

Calculation Field List

- 1 Valuation Field Sidewalk 1
 Length: 157.478 ft, Width: 6.562 ft
 Grid: 10 x 2 Points
 Accompanying Street Elements: Sidewalk 1.
 Street classification: Freeway A
 IES method: Luminance

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	L_{av}/L_{min}	L_{max}/L_{min}	$L_{v max}/L_{av}$
Calculated values:	0.6	1.6	2.7	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓



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Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Photometric Results

Calculation Field List

2 Valuation Field Sidewalk 2

Length: 157.478 ft, Width: 6.562 ft

Grid: 10 x 2 Points

Accompanying Street Elements: Sidewalk 2.

Street classification: Freeway A

IES method: Luminance

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	L_{av}/L_{min}	L_{max}/L_{min}	$L_{v\ max}/L_{av}$
Calculated values:	0.6	1.7	2.8	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓

3 Valuation Field Roadway 1

Length: 157.478 ft, Width: 45.931 ft

Grid: 10 x 8 Points

Accompanying Street Elements: Roadway 1.

Street classification: Freeway A

IES method: Luminance

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	L_{av}/L_{min}	L_{max}/L_{min}	$L_{v\ max}/L_{av}$
Calculated values:	1.3	2.1	3.8	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓

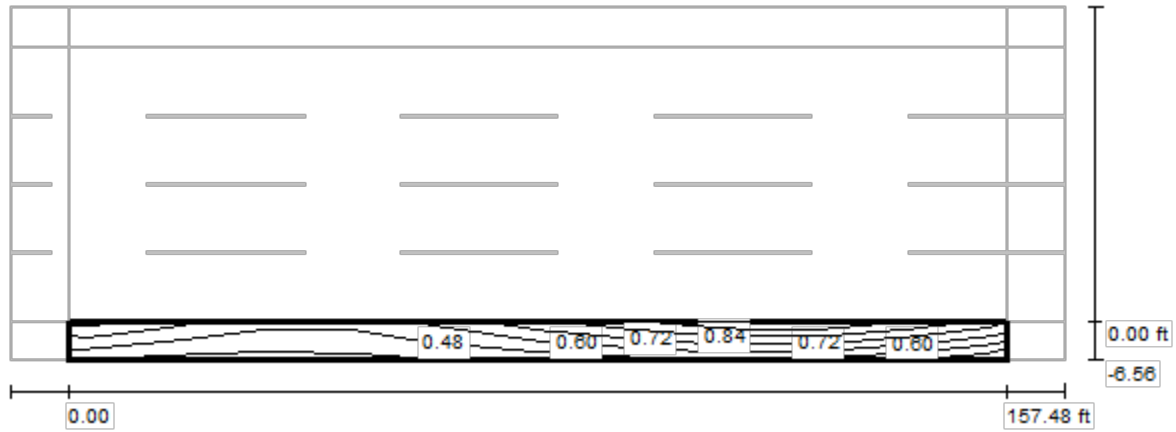


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Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Valuation Field Sidewalk 1 / Isolines (L, IESNA RP-8-00)



Values in Candela/m², Scale 1 : 387

Grid: 10 x 2 Points

L_{av} [cd/m²]
0.58

L_{min} [cd/m²]
0.36

L_{max} [cd/m²]
0.97

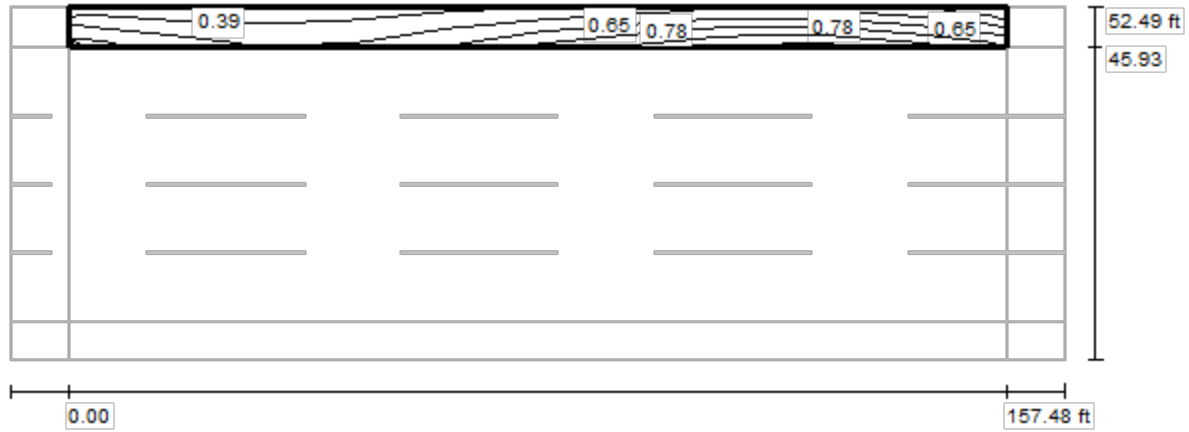


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Roadway (Width: , Number of lanes: 4, Sidewalk 2 / Valuation Field Sidewalk 2 / Isolines (L, IESNA RP-8-00)



Values in Candela/m², Scale 1 : 387

Grid: 10 x 2 Points

L_{av} [cd/m²]
0.59

L_{min} [cd/m²]
0.35

L_{max} [cd/m²]
0.99