



ORE LIGHTING INC

13000 Murphy Road, Suite 116, Stafford, Houston TX77477

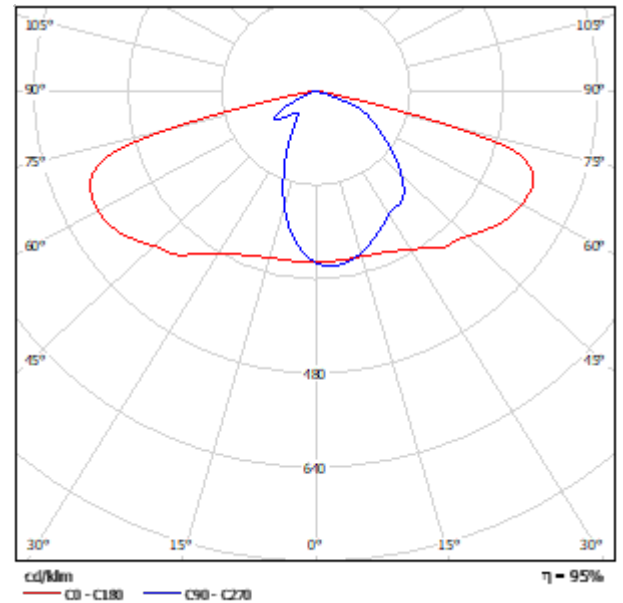
Operator Leon Jiang
Telephone 832-491-7887

Fax
e-Mail Leon@orelighting. com

ORE Lighting INC Typeçó-Medium Typeçó-Medium-150w / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 39 73 96 100 96

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



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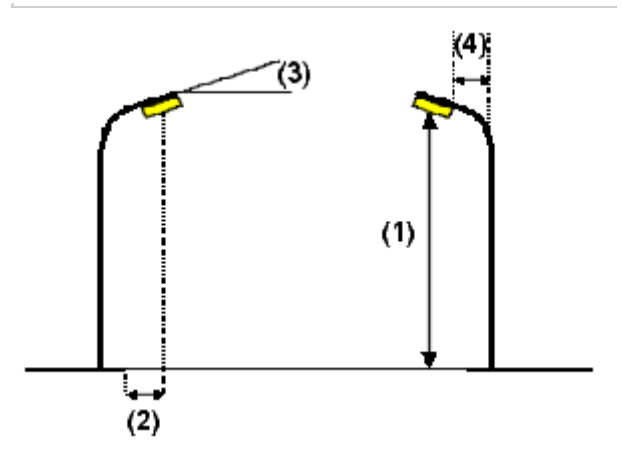
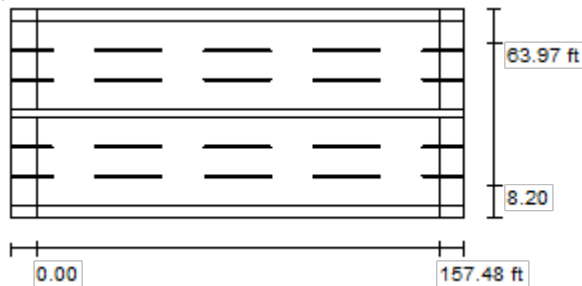
Roadway 1 (Width:68.898 ft, , Number of lanes: 6,Median width: 3.281ft, (Width: Sidewalk 2 (Width:9.842 ft) / Planning data

Street Profile

- Sidewalk 2 (Width: 4.921 ft)
- Roadway 2 (Width: 34.445 ft, Number of lanes: 3, tarmac: R3, q0: 0.070)
- Median 1 (Width: 3.281 ft, Height: 0.000 ft)
- Roadway 1 (Width: 34.445 ft, Number of lanes: 3, tarmac: R3, q0: 0.070)
- Sidewalk 1 (Width: 4.921 ft)

Light loss factor: 0.67

Luminaire Arrangements



Luminaire: ORE Lighting INC Typeφ6-Medium Typeφ6-Medium-150w
 Luminous flux (Luminaire): 18596 lm
 Luminous flux (Lamps): 19500 lm
 Luminaire Wattage: 148.6 W
 Arrangement: Double row, opposing
 Pole Distance: 157.478 ft
 Mounting Height (1): 32.808 ft
 Height: 32.801 ft
 Overhang (2): 8.202 ft
 Boom Angle (3): 0.0 °
 Boom Length (4): 8.202 ft

Maximum luminous intensities
 at 70°: 433 cd/klm
 at 80°: 116 cd/klm
 at 90°: 2.59 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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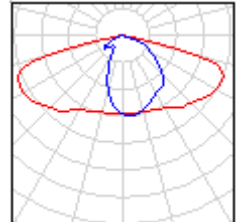
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**Roadway 1 (Width:68.898 ft, , Number of lanes: 6,Median width: 3.281ft, (Width:
Sidewalk 2 (Width:9.842 ft) / Luminaire parts list**

ORE Lighting INC Typeφó-Medium Typeφó-Medium-150w
Article No.: Typeφó-Medium
Luminous flux (Luminaire): 18596 lm
Luminous flux (Lamps): 19500 lm
Luminaire Wattage: 148.6 W
Luminaire classification according to CIE: 100
CIE flux code: 39 73 96 100 96
Fitting: 4 x SMD (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.





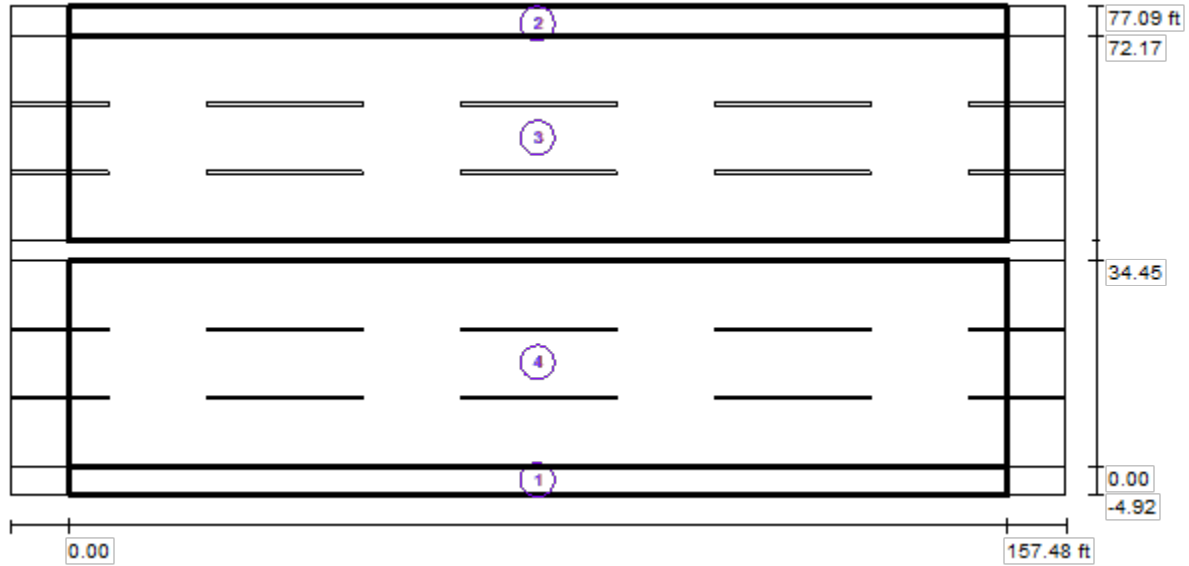
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Roadway 1 (Width:68.898 ft, , Number of lanes: 6,Median width: 3.281ft, (Width: Sidewalk 2 (Width:9.842 ft) / Photometric Results



Light loss factor: 0.67

Scale 1:387

Calculation Field List

- 1 Valuation Field Sidewalk 1
 Length: 157.478 ft, Width: 4.921 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:	0.8	1.3	1.8	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓



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Calculation Field List

2 Valuation Field Sidewalk 2

Length: 157.478 ft, Width: 4.921 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:	0.8	1.5	2.0	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓

3 Valuation Field Roadway 2

Length: 157.478 ft, Width: 34.445 ft
Grid: 10 x 6 Points
Accompanying Street Elements: Roadway 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:	1.2	1.6	2.6	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓

4 Valuation Field Roadway 1

Length: 157.478 ft, Width: 34.445 ft
Grid: 10 x 6 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	1.6	2.7	0.2
Required values according to class:	≥ 0.6	≤ 3.5	≤ 6.0	≤ 0.3
Fulfilled/Not fulfilled:	✓	✓	✓	✓



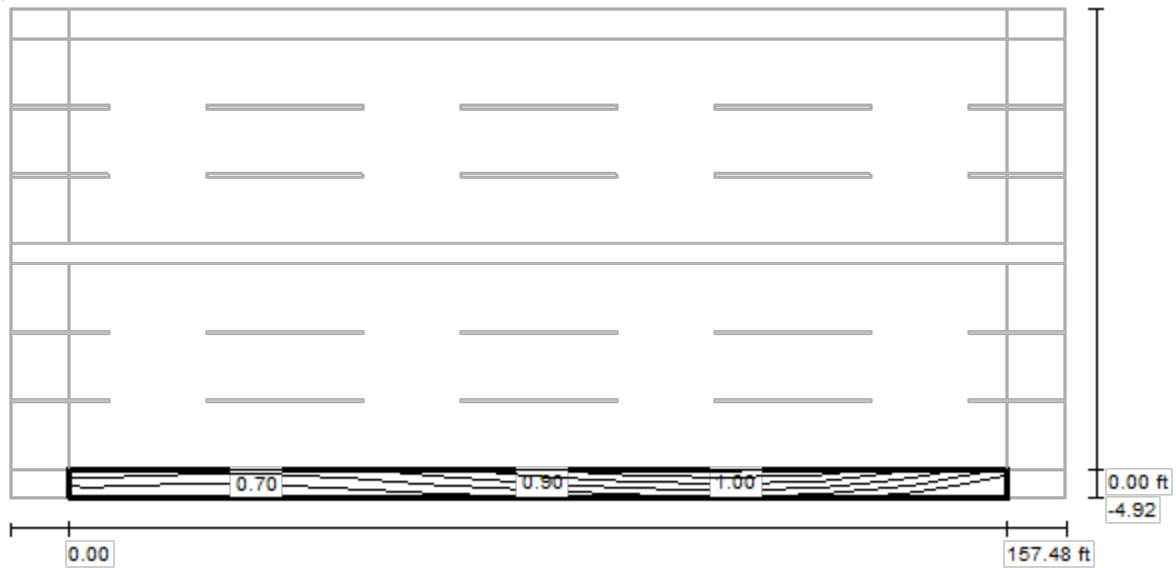
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Values in Candela/m², Scale 1 : 387

Grid: 10 x 2 Points

L_{av} [cd/m²]
0.84

L_{min} [cd/m²]
0.62

L_{max} [cd/m²]
1.12



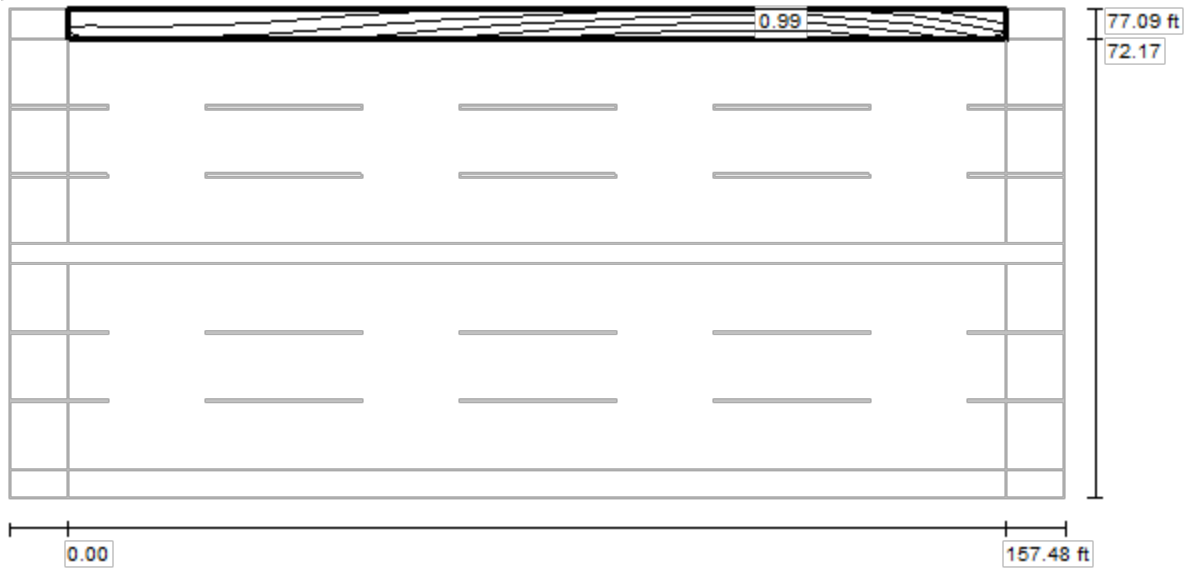
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Values in Candela/m², Scale 1 : 387

Grid: 10 x 2 Points

L_{av} [cd/m²]
0.83

L_{min} [cd/m²]
0.56

L_{max} [cd/m²]
1.13



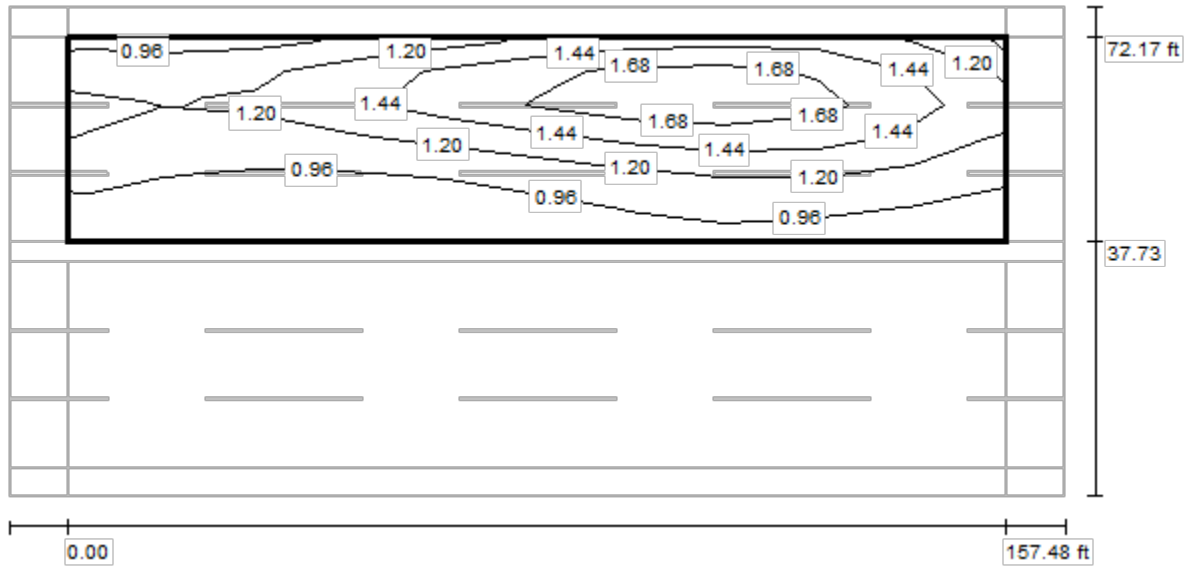
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Values in Candela/m², Scale 1 : 387

Grid: 10 x 6 Points

L_{av} [cd/m²]
 1.22

L_{min} [cd/m²]
 0.78

L_{max} [cd/m²]
 2.00



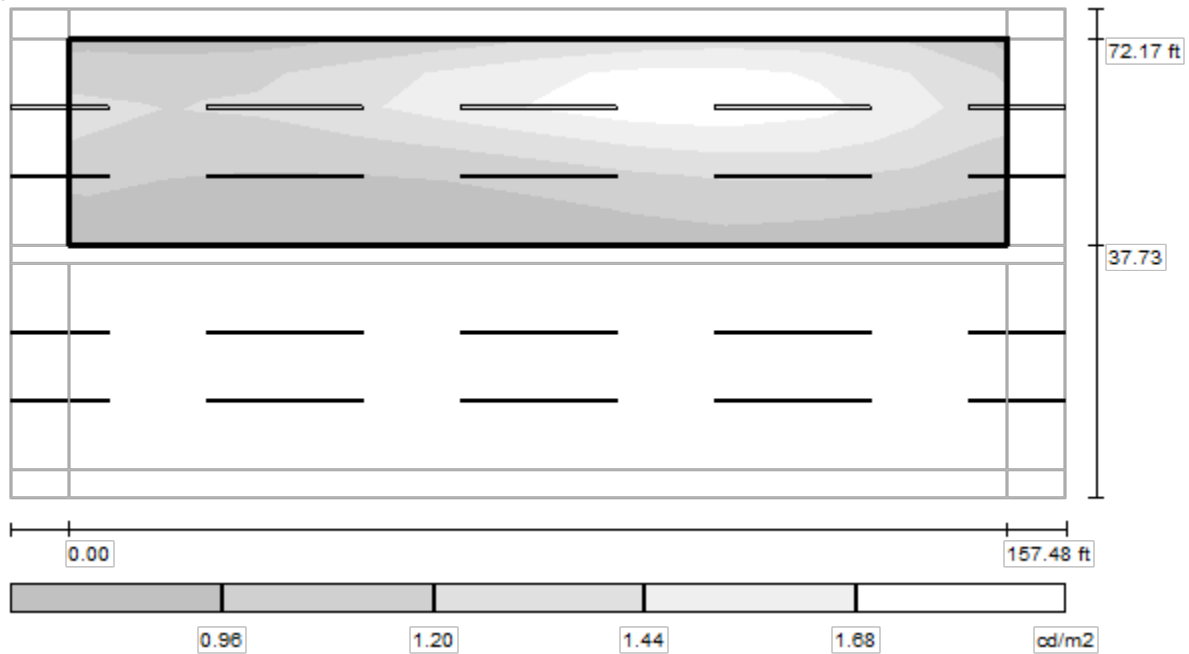
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Scale 1 : 387

Grid: 10 x 6 Points

L_{av} [cd/m²]
 1.22

L_{min} [cd/m²]
 0.78

L_{max} [cd/m²]
 2.00



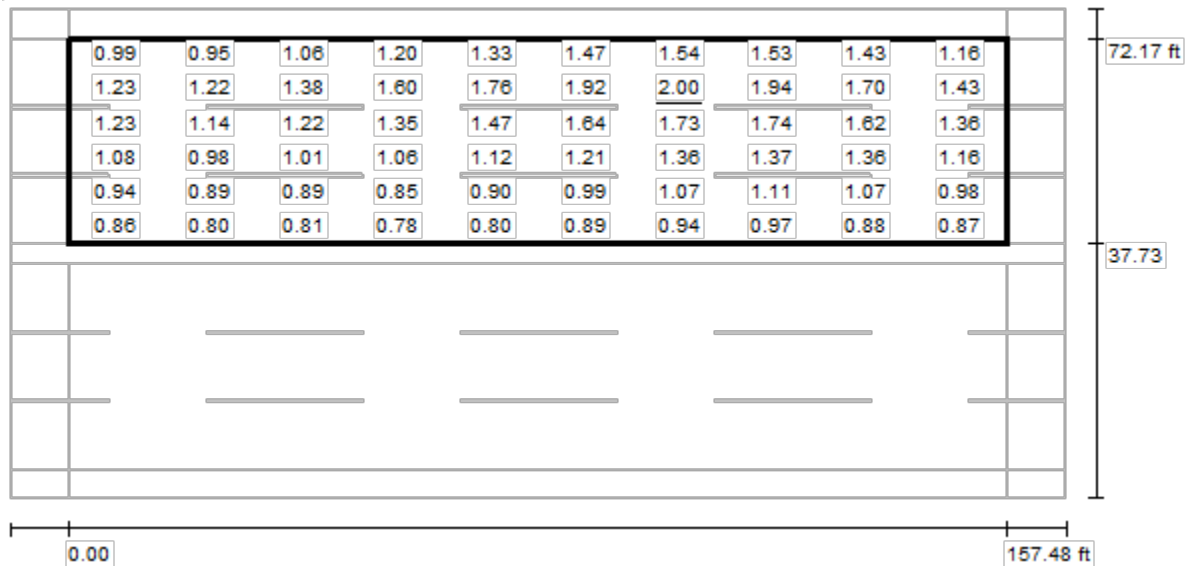
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L_{min} [cd/m²]
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L_{max} [cd/m²]
2.00



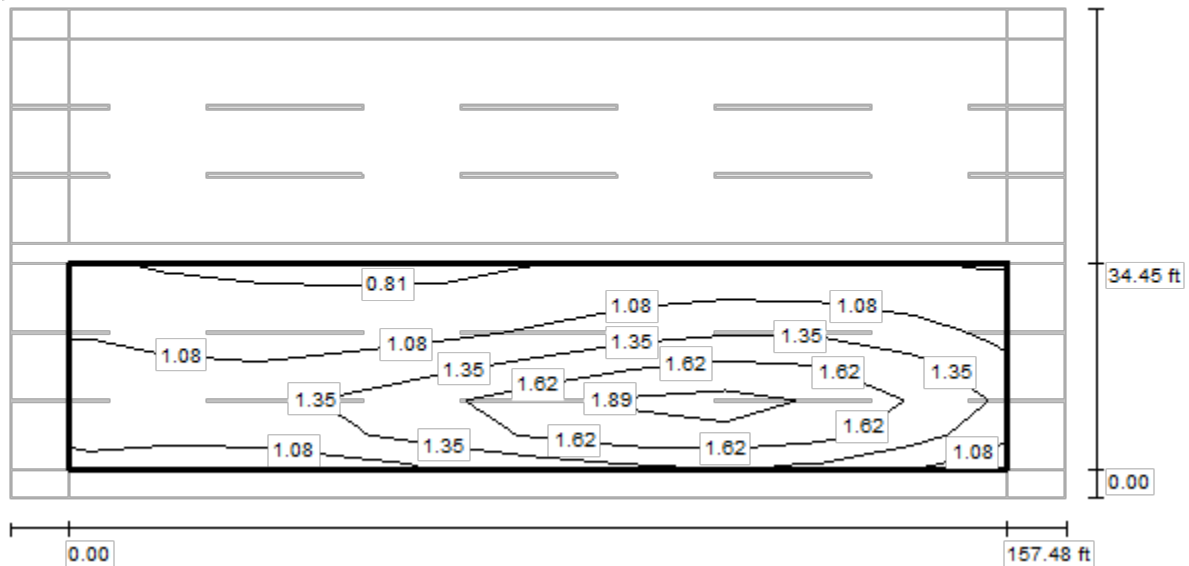
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Values in Candela/m², Scale 1 : 387

Grid: 10 x 6 Points

L_{av} [cd/m²]
 1.26

L_{min} [cd/m²]
 0.79

L_{max} [cd/m²]
 2.11



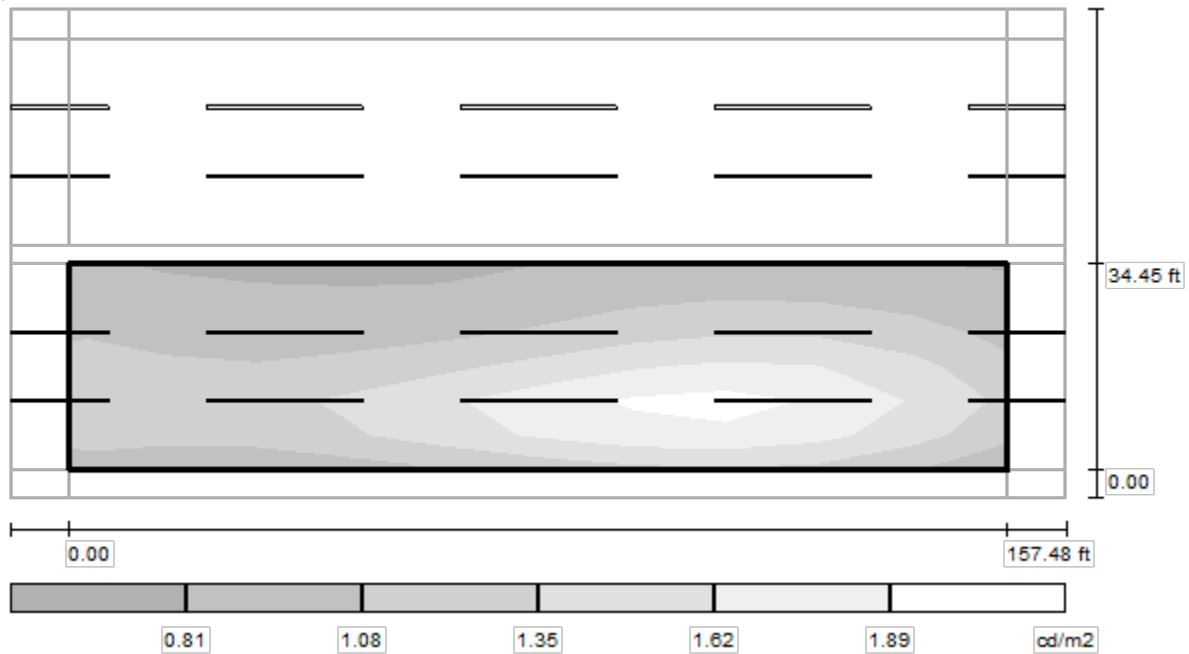
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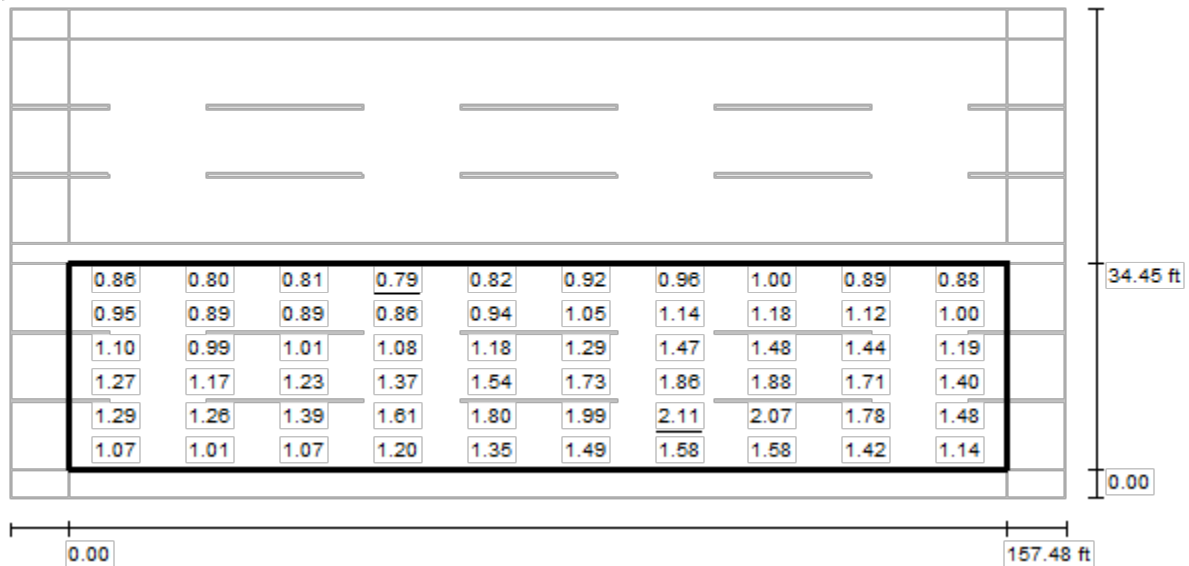
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