

## Template for Sign 8' x 10'

2 Fixtures spaced 6' apart and 3' from sign face  
Centered  
Fixture Type = 1Q LED Mini Floodlight

### DISCLAIMER

Calculations have been performed according to IESNA & CIE standards and good practice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.



# Room / Site Summary

## Site

### Calculation Summary

	<b>Attained</b>	<b>Target</b>
Zonal Cavity Illum*:	N/A fc	N/A fc
Unit Power Density:	0.544 W/sq. ft.	N/A W/sq. ft.

\*Zonal cavity illuminance does not take into account objects within the space, or daylighting.

### Area Summary

Overall Size: 10.00 ft x 5.00 ft x N/A ft  
 Reflectances: Ceiling N/A  
                   Walls: N/A  
                   Floor: N/A

Total Cost: \$0.00

### Luminaire Type Summary

<u>Type</u>	<u>Catalog Number</u>	<u>Quantity</u>
1QMFL		2

### Luminaire Location Summary

<u>Type</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>Orient</u>	<u>Tilt</u>	<u>Spin</u>	<u>AimX</u>	<u>AimY</u>	<u>AimZ</u>	<u>LLF</u>	<u>Tilt Factor</u>
1QMFL	2.00	2.00	0.00	0.00	140.0	0.00	n/a	n/a	n/a		
1QMFL	8.00	2.00	0.00	0.00	140.0	0.00	n/a	n/a	n/a		



# Calculation Grid: Sign Face (Site)

## Surface Illuminance

### Calculation Grid Summary

Grid Name: Sign Face	Grid Origin: (0.00, 5.07)	Grid Surface: Wall
Grid Type: Surface Illuminance	Grid Orient:	Grid Hinge: 90
Grid Units: Footcandles	Grid Elev.: 0.00	Grid Azimuth:

### Statistical Area Summary

<u>Stat. Area</u>	<u>Ave</u>	<u>Max</u>	<u>Min</u>	<u>Ave/Min</u>	<u>Max/Min</u>	<u>Std. Dev.</u>
Sign Face	12.9	35.1	2.3	5.5	15.1	8.9

### Calculation Grid

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
8.00	2.8	3.3	3.8	4.0	4.1	4.2	4.1	4.0	3.8	3.3	2.8
7.00	3.8	4.5	5.2	5.5	5.7	5.8	5.7	5.5	5.2	4.5	3.8
6.00	5.3	6.3	7.3	7.7	8.0	8.0	8.0	7.7	7.3	6.3	5.3
5.00	7.6	9.1	10.7	10.8	11.2	11.3	11.2	10.8	10.7	9.1	7.6
4.00	11.1	13.9	16.3	15.7	15.4	15.6	15.4	15.7	16.3	13.9	11.1
3.00	15.7	21.2	25.0	22.6	19.8	18.9	19.8	22.6	25.0	21.2	15.7
2.00	19.1	29.3	35.1	30.1	21.8	16.0	21.8	30.1	35.1	29.3	19.1
1.00	13.0	27.4	34.7	27.8	14.2	8.1	14.2	27.8	34.7	27.4	13.0
0.00	3.5	8.5	11.2	8.6	3.9	2.3	3.9	8.6	11.2	8.5	3.5



# Calculation Grid: Sign Face (Site)

## Surface Exitance

### Calculation Grid Summary

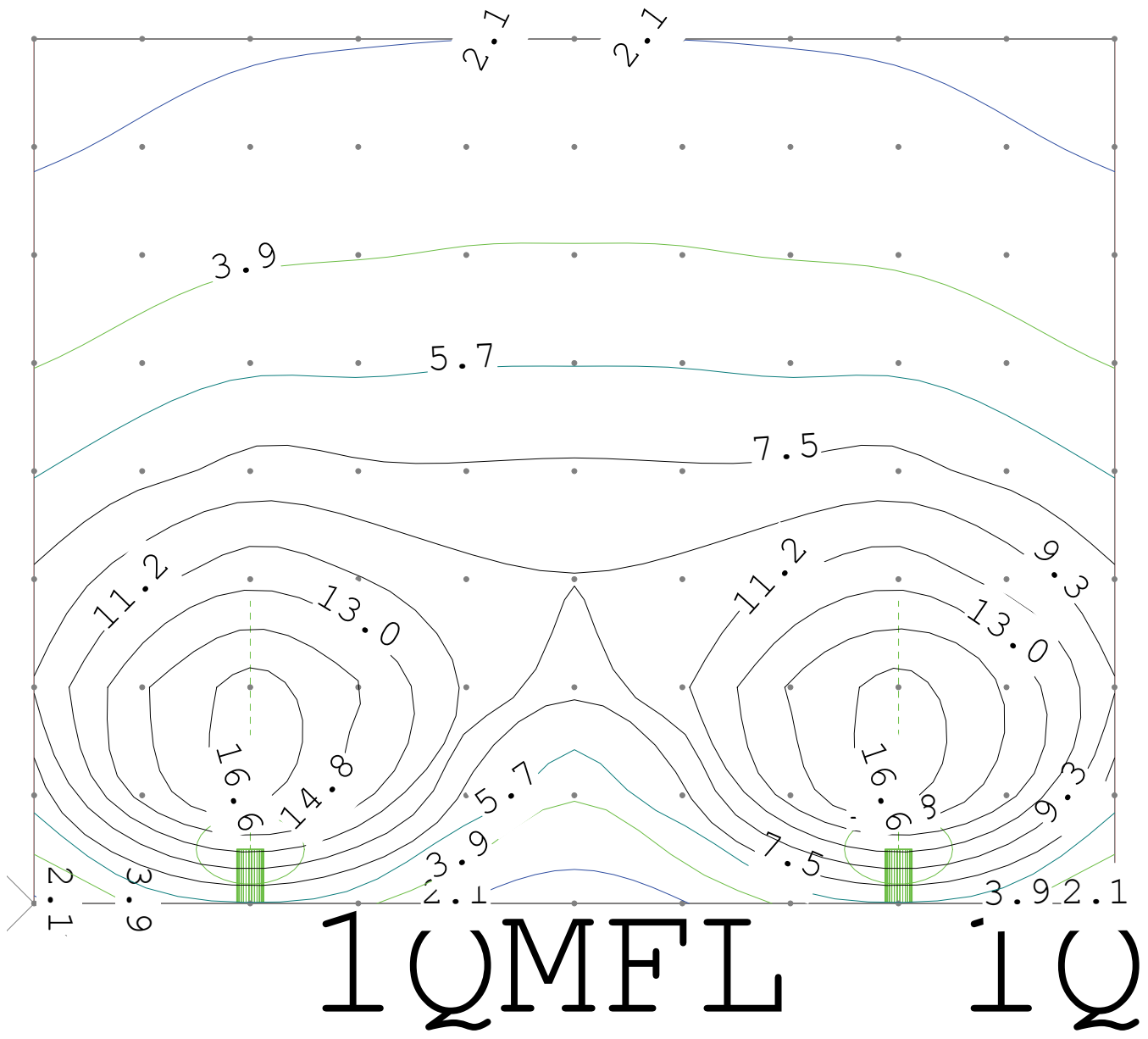
Grid Name: Sign Face	Grid Origin: (0.00, 5.07)	Grid Surface: Wall
Grid Type: Surface Exitance	Grid Orient:	Grid Hinge: 90
Grid Units: Lumens / sq. Foot	Grid Elev.: 0.00	Grid Azimuth: 0

### Statistical Area Summary

<u>Stat. Area</u>	<u>Ave</u>	<u>Max</u>	<u>Min</u>	<u>Ave/Min</u>	<u>Max/Min</u>	<u>Std. Dev.</u>
Sign Face	6.42	17.53	1.16	5.52	15.05	4.42

### Calculation Grid

	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
8.00	1.42	1.65	1.90	2.01	2.07	2.09	2.07	2.01	1.90	1.65	1.42
7.00	1.90	2.24	2.59	2.75	2.85	2.88	2.85	2.75	2.59	2.24	1.90
6.00	2.65	3.13	3.64	3.82	3.99	4.01	3.99	3.82	3.64	3.13	2.65
5.00	3.81	4.56	5.36	5.39	5.62	5.65	5.62	5.39	5.36	4.56	3.81
4.00	5.57	6.94	8.14	7.82	7.70	7.79	7.70	7.82	8.14	6.94	5.57
3.00	7.84	10.58	12.49	11.28	9.87	9.44	9.87	11.28	12.49	10.58	7.84
2.00	9.53	14.61	17.53	15.02	10.89	7.98	10.89	15.02	17.53	14.61	9.53
1.00	6.48	13.69	17.31	13.87	7.09	4.05	7.09	13.87	17.31	13.69	6.48
0.00	1.74	4.23	5.59	4.30	1.93	1.16	1.93	4.30	5.59	4.23	1.74



**Site North View**

Scale: Scale to Fit

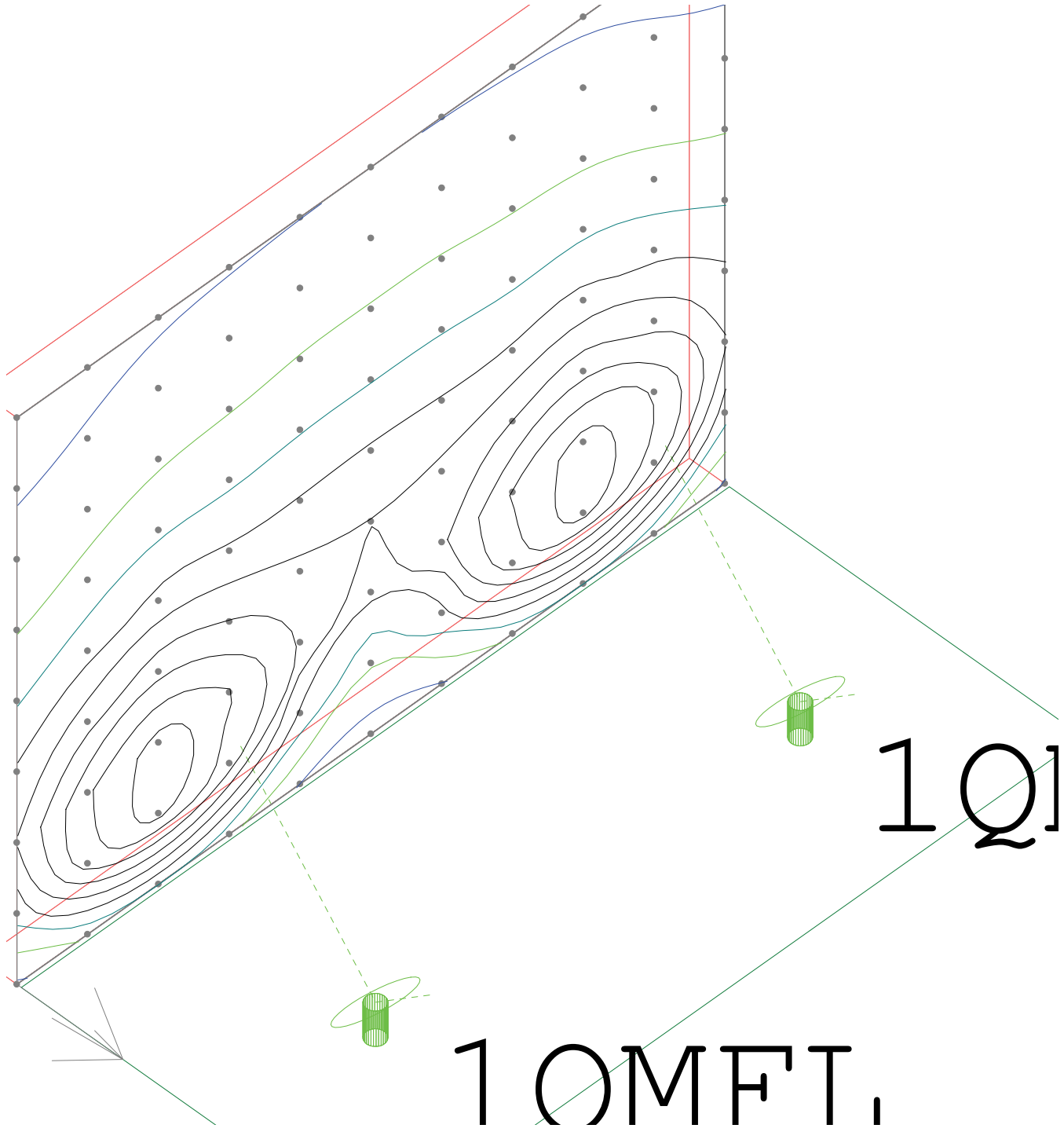
**Template for Sign 8' x 10'**

SOL INC

Palm City, FL

2/9/2009

Prepared for:



**Site Isometric View**

Scale: Scale to Fit

**Template for Sign 8' x 10'**

SOL INC

Palm City, FL

2/9/2009

Prepared for: