

# Indoor Photometric Report

**IES Header Data**

No data found

**Input:**

Number of Lamps	112
Lumens per Lamp	30.5 lm
Total Input Lumens	3416 lm
Input Watts	28.9 W

**Output:**

Total Output Lumens	1943.39 lm
Efficiency	56.89 %
Efficacy	67.25 lm/W

**Photometry Information:**

Distribution	Direct
Photometry Type	C

**Luminous Dimensions:**

0° - 180° Size	2.33 ft
90° - 270° Size	2.33 ft
Height	1.06 ft

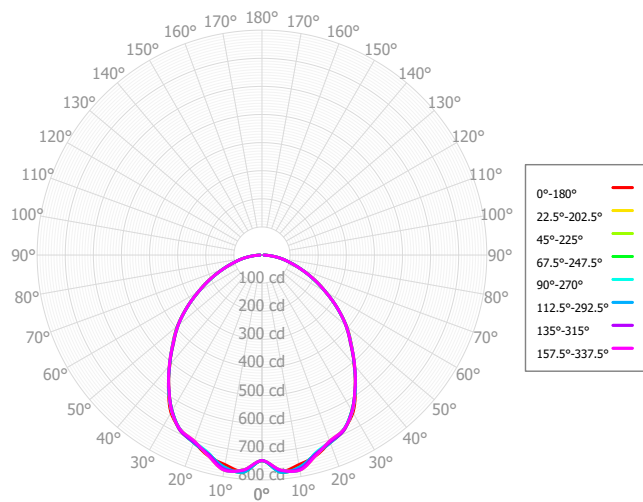
**Spacing Criterion:**

Two luminaires, plane 0°	1.27
Two luminaires, plane 90°	1.27
Four luminaires	1.32

**Full Beam Angle:**

0° - 180°	100.57°
90° - 270°	100.2°

**Candela Polar Plot**



**Candela Distribution**

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	731.85	731.85	731.85	731.85	731.85
5.00°	772.00	767.98	769.07	776.17	768.87
10.00°	757.25	777.48	773.36	766.59	776.80
15.00°	739.84	739.13	734.07	733.63	730.13
20.00°	708.96	704.33	709.08	710.99	706.72
25.00°	685.98	686.18	689.44	687.15	685.81
30.00°	647.88	642.07	640.34	639.58	642.73
35.00°	580.76	577.38	577.43	578.85	579.44
40.00°	509.57	513.20	511.66	511.57	512.14
45.00°	449.89	448.30	445.23	447.84	448.61
50.00°	392.61	389.59	390.27	390.18	390.05
55.00°	324.74	326.57	326.30	326.49	324.51
60.00°	261.17	260.48	261.17	260.28	261.03
65.00°	202.22	203.48	203.21	201.88	200.63
70.00°	149.20	148.31	148.49	149.15	148.26
75.00°	103.26	102.67	102.78	103.02	103.36
80.00°	67.74	68.03	66.87	67.55	66.87
85.00°	30.72	31.40	31.10	31.59	31.35
90.00°	6.80	6.90	6.99	7.18	6.69

**Average Luminaire Luminance [cd/m²]**

	0.00°	45.00°	90.00°
0.00°	1,447	1,447	1,447
45.00°	864	757	862
55.00°	678	586	678
65.00°	479	399	475
75.00°	292	231	292
85.00°	112	84	115

**Zonal Lumen Summary.**

Zone	Luminous flux (lm)	% Fixture
0.0° - 10.0°	77.9	4.0%
10.0° - 20.0°	207.4	10.7%
20.0° - 30.0°	313.5	16.1%



	<b>6H</b>	11.9	13.1	12.3	13.5	13.9	11.9	13.1	12.3	13.5	13.9
	<b>8H</b>	12.0	13.1	12.4	13.5	13.9	12.0	13.1	12.4	13.5	13.9
	<b>12H</b>	12.0	13.1	12.4	13.5	13.9	12.0	13.1	12.4	13.5	13.9
<b>4H</b>	<b>2H</b>	10.3	11.7	10.7	12.0	12.4	10.3	11.7	10.7	12.0	12.4
	<b>3H</b>	11.8	12.9	12.2	13.3	13.7	11.8	12.9	12.2	13.3	13.7
	<b>4H</b>	12.3	13.3	12.7	13.7	14.1	12.3	13.3	12.7	13.7	14.1
	<b>6H</b>	12.7	13.5	13.1	14.0	14.4	12.7	13.5	13.1	14.0	14.4
	<b>8H</b>	12.8	13.6	13.2	14.0	14.5	12.8	13.6	13.2	14.0	14.5
	<b>12H</b>	12.8	13.6	13.3	14.1	14.5	12.8	13.6	13.3	14.0	14.5
<b>8H</b>	<b>4H</b>	12.4	13.3	12.9	13.7	14.2	12.4	13.3	12.9	13.7	14.2
	<b>6H</b>	12.9	13.6	13.4	14.1	14.5	12.9	13.6	13.4	14.1	14.5
	<b>8H</b>	13.0	13.7	13.6	14.2	14.7	13.0	13.7	13.5	14.2	14.6
	<b>12H</b>	13.2	13.7	13.7	14.2	14.8	13.1	13.7	13.7	14.2	14.7
<b>12H</b>	<b>4H</b>	12.4	13.2	12.9	13.7	14.1	12.4	13.2	12.9	13.7	14.1
	<b>6H</b>	12.9	13.5	13.4	14.0	14.5	12.9	13.5	13.4	14.0	14.5
	<b>8H</b>	13.1	13.6	13.6	14.1	14.7	13.1	13.6	13.6	14.1	14.7

Corrected UGR values based on total output energy  
SHR = 1.0