



IES INDOOR REPORT
PHOTOMETRIC FILENAME : EXP-EMG-EXT-LE6-3L.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 195101
 [TESTLAB] RADIANT IMAGING PROSOURCE
 [ISSUE DATE] 2019-04-08
 [MANUFAC] LARSON ELECTRONICS LLC
 [LUMCAT] EXP-EMG-EXT-LE6-3L-XXX
 [LUMINAIRE] EXPLOSION PROOF BUG EYE EMERGENCY LED EXIT
 [OTHER] EVERFINE GO-R5000_V2 SYSTEM
 [LAMPPOSITION] 0,0

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	45
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	0.549
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.70
Spacing Criterion (90-270)	0.72
Spacing Criterion (Diagonal)	0.78
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.29 ft
Luminous Width (90-270)	0.29 ft
Luminous Height	0.04 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	266	342	829
55	110	120	311
65	69	83	183
75	64	56	96
85	0	44	110

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	68.9	68.9	68.9	68.9	68.9
0.5	68.9	68.9	68.9	68.8	68.7
1.0	70.9	70.7	69.6	68.6	68.2
1.5	73.6	72.7	70.4	68.2	67.3
2.0	75.7	74.4	71.1	67.9	66.3
2.5	76.5	74.8	71.3	67.3	64.9
3.0	75.7	73.8	70.7	66.5	63.5
3.5	74.1	72.0	69.5	66.0	62.7
4.0	72.0	70.2	68.3	65.9	62.5
4.5	70.6	68.8	67.3	66.0	62.7
5.0	69.9	68.0	66.5	66.4	62.9
5.5	69.4	67.5	66.0	66.8	63.1
6.0	69.2	67.5	65.6	67.2	63.4
6.5	69.2	67.2	65.2	67.6	64.0
7.0	69.1	67.0	65.0	68.3	65.0
7.5	68.6	66.6	64.9	69.0	66.2
8.0	67.8	65.5	64.8	69.4	66.9
8.5	66.4	64.3	64.7	69.4	67.8
9.0	64.8	62.7	64.6	69.3	68.5
9.5	63.4	61.0	64.5	69.0	68.8
10.0	61.7	59.3	64.2	68.2	68.7
11.0	57.8	56.0	63.0	66.0	66.5
12.0	53.4	51.8	61.4	63.5	63.4
13.0	49.8	47.6	59.2	61.1	60.6
14.0	47.5	44.4	56.9	59.1	58.9
15.0	46.9	42.5	53.6	58.3	57.2
16.0	46.1	42.0	50.0	57.4	55.8
17.0	43.8	41.3	46.0	55.5	52.3
18.0	41.6	39.6	41.5	52.5	47.9
19.0	40.7	38.1	37.7	48.4	43.5
20.0	38.3	36.9	35.1	43.5	38.8
22.5	28.7	31.5	33.3	32.6	29.4
25.0	21.2	24.2	31.1	24.2	25.1
27.5	15.3	16.6	27.5	20.6	24.6
30.0	12.1	12.4	20.4	19.9	21.6
32.5	11.0	9.8	12.8	17.5	16.9
35.0	11.5	8.1	9.1	14.4	14.2
37.5	8.1	7.8	6.6	11.1	13.5
40.0	4.2	6.3	4.9	9.8	10.5
42.5	2.1	3.9	3.4	9.2	8.7
45.0	1.7	1.8	2.3	6.9	5.3
47.5	1.0	1.5	1.8	4.5	4.0
50.0	0.9	1.0	1.2	2.6	3.6
52.5	0.7	0.8	0.9	1.9	2.8
55.0	0.6	0.7	0.7	1.2	1.7
57.5	0.5	0.6	0.6	0.9	1.2
60.0	0.4	0.5	0.5	0.8	1.0
62.5	0.4	0.4	0.5	0.7	0.9
65.0	0.3	0.4	0.4	0.6	0.8
67.5	0.3	0.3	0.4	0.5	0.8
70.0	0.2	0.3	0.3	0.4	0.7
72.5	0.2	0.2	0.3	0.3	0.4
75.0	0.2	0.2	0.2	0.3	0.3
77.5	0.1	0.2	0.2	0.2	0.3

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CANDELA TABULATION - (Cont.)

80.0	0.1	0.2	0.2	0.2	0.2
82.5	0.0	0.1	0.1	0.2	0.2
85.0	0.0	0.1	0.1	0.1	0.2
87.5	0.0	0.0	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.1	0.1
92.5	0.0	0.0	0.0	0.0	0.1
95.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0

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ZONAL LUMEN SUMMARY

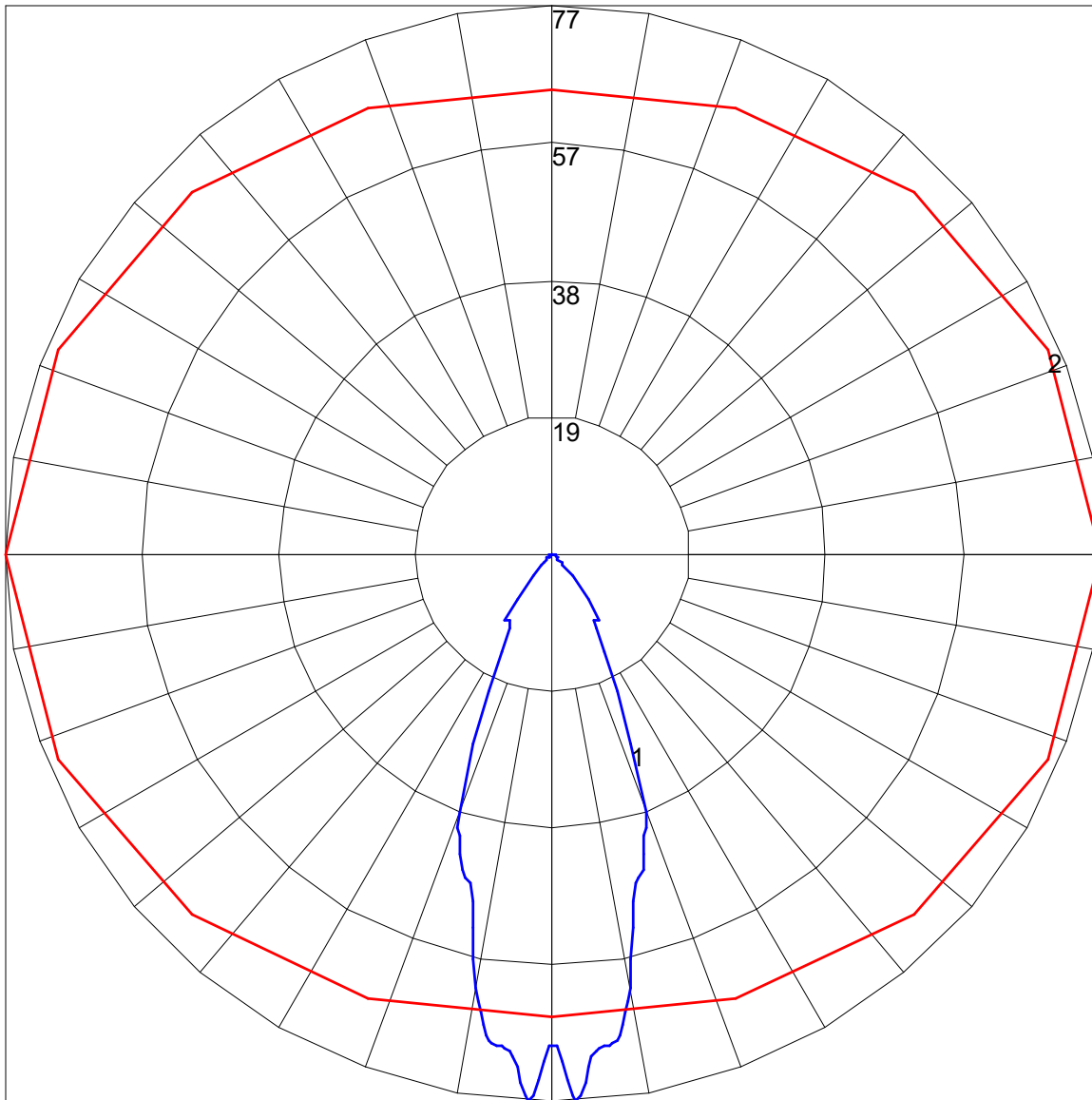
Zone	Lumens	%Lamp	%Fixt
0-20	20.66	N.A.	46.30
0-30	32.69	N.A.	73.20
0-40	39.78	N.A.	89.10
0-60	43.78	N.A.	98.10
0-80	44.53	N.A.	99.70
0-90	44.63	N.A.	100.00
10-90	38.25	N.A.	85.70
20-40	19.12	N.A.	42.80
20-50	22.18	N.A.	49.70
40-70	4.48	N.A.	10.00
60-80	0.75	N.A.	1.70
70-80	0.26	N.A.	0.60
80-90	0.11	N.A.	0.20
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	44.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	6.39
10-20	14.28
20-30	12.03
30-40	7.10
40-50	3.06
50-60	0.93
60-70	0.49
70-80	0.26
80-90	0.11
90-100	0.01
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

POLAR GRAPH



Maximum Candela = 76.5 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)