

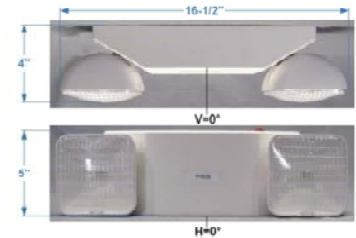
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L09124501.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L09124501  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUEDATE] 9/28/2012  
 [MANUFAC] FULHAM  
 [LUMCAT] FHEM11  
 [LUMINAIRE] 16-1/2"L. X 5"W. X 4"H. WEDGE BASE EMERGENCY LIGHT  
 [MORE] TWO 5.4 W DC T5 WEDGE-BASE WITH PRISMATIC ACRYLLIC LENS  
 [LAMPPOSITION] 0,0  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [\_POWER SUPPLY] 6.3VDC CONSTANT VOLTAGE SOURCE  
 [\_INPUT] 6.3VDC, 11.94W

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	73
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	6
Total Luminaire Watts	11.94
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.40
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.50
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.42 ft
Luminous Width (90-270)	1.35 ft
Luminous Height	0.06 ft



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	366	370	401
55	342	347	388
65	337	343	402
75	348	358	458
85	342	358	597

CANDELA TABULATION

	<u>0</u>
0.0	19.98
1.0	20.22
3.0	20.97
5.0	21.54
7.0	22.12
9.0	22.15
11.0	21.96
13.0	21.82
15.0	21.62
17.0	21.47
19.5	21.15
22.5	20.92
25.5	20.32
29.0	19.22
33.0	18.29
37.5	17.54
42.5	15.98
47.5	15.23
55.0	12.47
65.0	9.80
75.0	7.29
85.0	4.14
90.0	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L09124501.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	7.80	N.A.	10.60
0-30	16.51	N.A.	22.50
0-40	25.85	N.A.	35.20
0-60	46.68	N.A.	63.70
0-80	66.04	N.A.	90.10
0-90	73.33	N.A.	100.00
10-90	71.66	N.A.	97.70
20-40	18.05	N.A.	24.60
20-50	30.00	N.A.	40.90
40-70	31.39	N.A.	42.80
60-80	19.36	N.A.	26.40
70-80	8.79	N.A.	12.00
80-90	7.30	N.A.	10.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	73.33	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	1.68
10-20	6.12
20-30	8.71
30-40	9.34
40-50	11.95
50-60	8.88
60-70	10.56
70-80	8.79
80-90	7.30
90-100	0.00
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

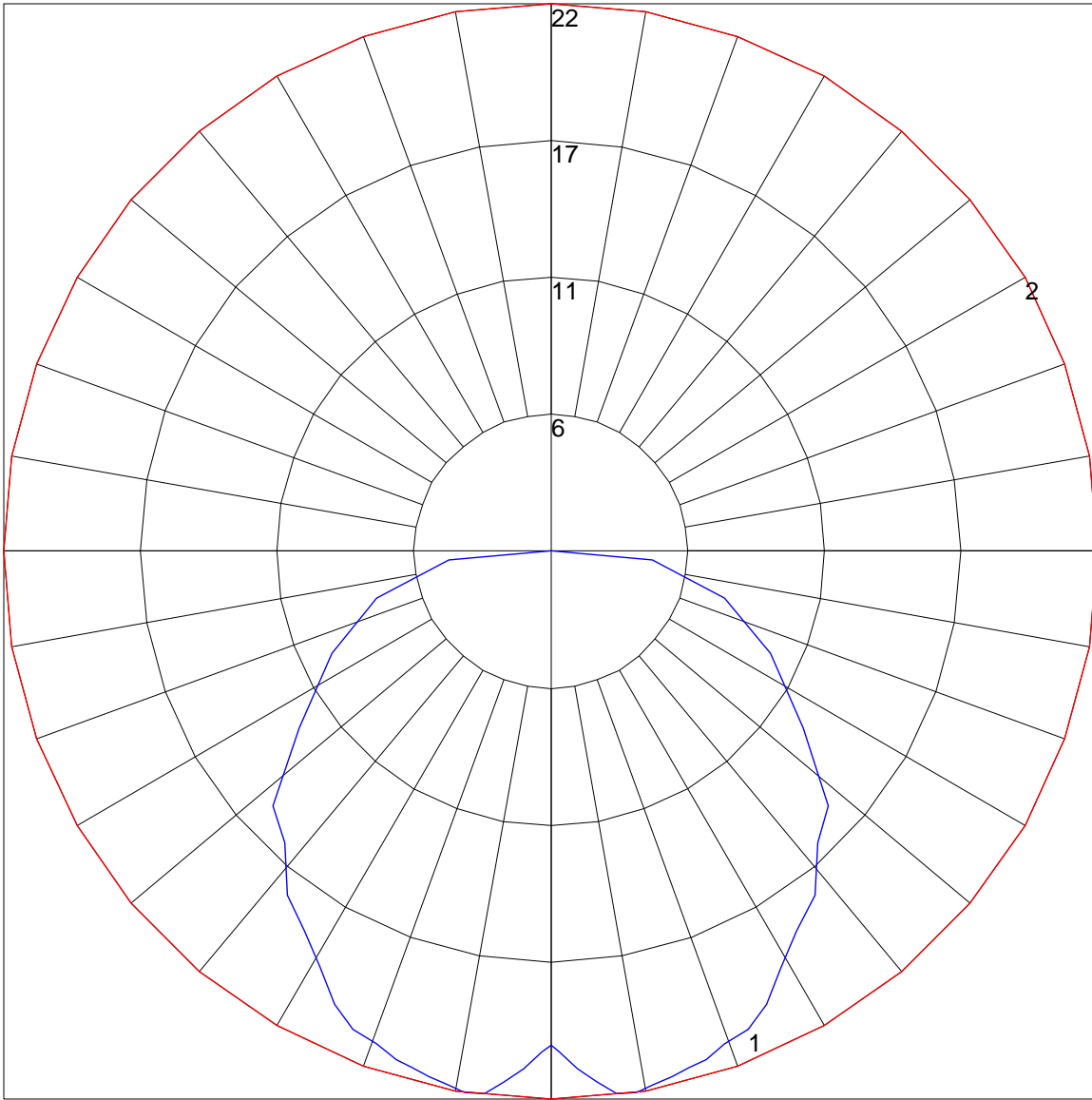
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L09124501.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	100
1	105	98	93	87	102	96	91	86	92	87	83	88	84	80	84	81	78	76
2	94	84	75	68	91	82	74	67	78	72	66	75	69	64	71	67	63	60
3	85	73	63	55	82	71	62	55	68	60	54	65	58	53	62	57	52	49
4	78	64	54	46	75	63	53	46	60	52	45	57	50	45	55	49	44	41
5	71	57	47	40	69	56	46	39	54	45	39	51	44	38	49	43	38	36
6	66	51	41	34	64	50	41	34	48	40	34	46	39	33	45	38	33	31
7	61	46	37	30	59	45	36	30	44	36	30	42	35	30	41	34	29	27
8	57	42	33	27	55	42	33	27	40	32	27	39	32	26	38	31	26	24
9	53	39	30	24	52	38	30	24	37	29	24	36	29	24	35	28	24	22
10	50	36	27	22	48	35	27	22	34	27	22	33	26	22	32	26	21	20

POLAR GRAPH



Maximum Candela = 22.15 Located At Horizontal Angle = 0, Vertical Angle = 9  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (9) (Through Max. Cd.)