

IES INDOOR REPORT

PHOTOMETRIC FILENAME : HP-2-ID-4FT-V-H-835-F-MLB-ITL85132-KPL2008-6.006.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]ITL85132-KPL2008-6.006 Family Correlation File

[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.

[TESTDATE]08/11/15

[ISSUEDATE]02/10/17

[MANUFAC]FINELITE, INC.

[LUMCAT]FINELITE HP-2-ID-4ft-V-H-835

[OTHER]INPUT ELECTRICAL: 120.0 VOLTS, 64.0 WATTS

[OTHER]INPUT ELECTRICAL: 277.0 VOLTS, 64.0 WATTS

[ABSOLUTE]LUMENS]5727

[OTHER]see www.finelite.com for source files ITL85132 and KPL2008-6. For further details on Finelite family correlation files, go

[more]http://www.finelite.com/download_files/series_downloads/photometry_pdf/FL_Family_Correlation_WhitePaper.pdf

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5725
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	64
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.18 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	293	174	182
55	130	68	77
65	63	34	38
75	33	19	19
85	12	5	5

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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	6084.714	6084.714	6084.714	6084.714	6084.714
2.5	5931.128	5984.797	5959.409	5952.526	5977.540
5.0	5590.252	5668.189	5630.870	5628.692	5661.625
7.5	5074.891	5171.021	5173.090	5180.051	5202.973
10.0	4411.863	4495.088	4637.855	4674.296	4679.336
12.5	3540.109	3674.608	4010.583	4128.040	4135.833
15.0	2845.027	2988.704	3347.990	3589.757	3539.821
17.5	2139.934	2340.391	2842.997	2907.835	2747.839
20.0	1447.170	1664.280	2110.128	2184.938	2138.915
22.5	901.637	1161.566	1549.724	1643.715	1621.376
25.0	530.886	640.355	1063.080	1157.654	1026.383
27.5	315.589	412.605	632.982	643.661	572.499
30.0	178.850	239.130	376.343	358.298	315.106
32.5	88.165	136.700	193.239	186.394	175.295
35.0	41.628	59.370	103.947	104.825	87.667
37.5	27.807	28.779	51.880	50.830	32.481
40.0	22.175	20.036	25.318	20.628	13.954
42.5	17.407	15.743	12.251	9.964	10.952
45.0	13.635	12.157	8.105	7.630	8.455
47.5	10.765	9.209	6.005	5.771	6.487
50.0	8.097	7.016	4.496	4.356	4.994
52.5	6.324	5.328	3.399	3.360	3.803
55.0	4.900	4.091	2.582	2.543	2.901
57.5	3.772	3.135	1.976	1.937	2.217
60.0	2.901	2.435	1.540	1.509	1.727
62.5	2.263	1.859	1.190	1.167	1.346
65.0	1.758	1.447	0.933	0.910	1.058
67.5	1.361	1.112	0.731	0.708	0.801
70.0	1.042	0.856	0.576	0.552	0.622
72.5	0.786	0.646	0.436	0.420	0.451
75.0	0.568	0.474	0.327	0.319	0.319
77.5	0.404	0.342	0.249	0.241	0.249
80.0	0.264	0.241	0.171	0.163	0.148
82.5	0.171	0.140	0.101	0.086	0.086
85.0	0.070	0.062	0.031	0.039	0.031
87.5	0.016	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000
92.5	30.000	30.000	30.000	33.000	33.000
95.0	71.000	68.000	68.000	69.000	70.000
97.5	112.000	109.000	107.000	108.000	108.000
100.0	154.000	149.000	149.000	149.000	148.000
102.5	198.000	194.000	192.000	191.000	191.000
105.0	244.000	241.000	236.000	235.000	234.000
107.5	291.000	288.000	282.000	281.000	280.000
110.0	340.000	337.000	332.000	330.000	327.000
112.5	391.000	386.000	383.000	378.000	375.000
115.0	442.000	439.000	437.000	427.000	425.000
117.5	496.000	491.000	491.000	479.000	477.000
120.0	551.000	543.000	545.000	533.000	529.000
122.5	603.000	595.000	599.000	589.000	582.000
125.0	661.000	649.000	653.000	643.000	638.000
127.5	718.000	705.000	707.000	699.000	697.000
130.0	774.000	761.000	763.000	753.000	754.000
132.5	830.000	816.000	819.000	809.000	809.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : HP-2-ID-4FT-V-H-835-F-MLB-ITL85132-KPL2008-6.006.IES****CANDELA TABULATION - (Cont.)**

135.0	884.000	871.000	875.000	866.000	866.000
137.5	939.000	926.000	930.000	922.000	921.000
140.0	994.000	981.000	984.000	979.000	976.000
142.5	1046.000	1032.000	1036.000	1031.000	1027.000
145.0	1099.000	1084.000	1088.000	1084.000	1077.000
147.5	1148.000	1133.000	1138.000	1132.000	1125.000
150.0	1195.000	1180.000	1186.000	1179.000	1173.000
152.5	1240.000	1225.000	1231.000	1225.000	1219.000
155.0	1283.000	1268.000	1275.000	1269.000	1263.000
157.5	1320.000	1306.000	1314.000	1308.000	1302.000
160.0	1356.000	1343.000	1350.000	1344.000	1338.000
162.5	1387.000	1376.000	1381.000	1377.000	1373.000
165.0	1415.000	1405.000	1408.000	1406.000	1403.000
167.5	1436.000	1430.000	1432.000	1430.000	1429.000
170.0	1455.000	1452.000	1453.000	1451.000	1450.000
172.5	1471.000	1470.000	1470.000	1469.000	1469.000
175.0	1482.000	1482.000	1482.000	1482.000	1481.000
177.5	1488.000	1489.000	1489.000	1489.000	1488.000
180.0	1492.000	1492.000	1492.000	1492.000	1492.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : HP-2-ID-4FT-V-H-835-F-MLB-ITL85132-KPL2008-6.006.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1394.52	N.A.	24.40
0-30	1831.07	N.A.	32.00
0-40	1898.25	N.A.	33.20
0-60	1909.6	N.A.	33.40
0-80	1911.25	N.A.	33.40
0-90	1911.32	N.A.	33.40
10-90	1406.69	N.A.	24.60
20-40	503.74	N.A.	8.80
20-50	512.01	N.A.	8.90
40-70	12.56	N.A.	0.20
60-80	1.65	N.A.	0.00
70-80	0.44	N.A.	0.00
80-90	0.07	N.A.	0.00
90-110	329.21	N.A.	5.80
90-120	759.73	N.A.	13.30
90-130	1340.41	N.A.	23.40
90-150	2691.63	N.A.	47.00
90-180	3813.36	N.A.	66.60
110-180	3484.15	N.A.	60.90
0-180	5724.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	504.63
10-20	889.89
20-30	436.56
30-40	67.18
40-50	8.27
50-60	3.08
60-70	1.21
70-80	0.44
80-90	0.07
90-100	77.06
100-110	252.15
110-120	430.52
120-130	580.67
130-140	672.56
140-150	678.67
150-160	584.78
160-170	396.44
170-180	140.51

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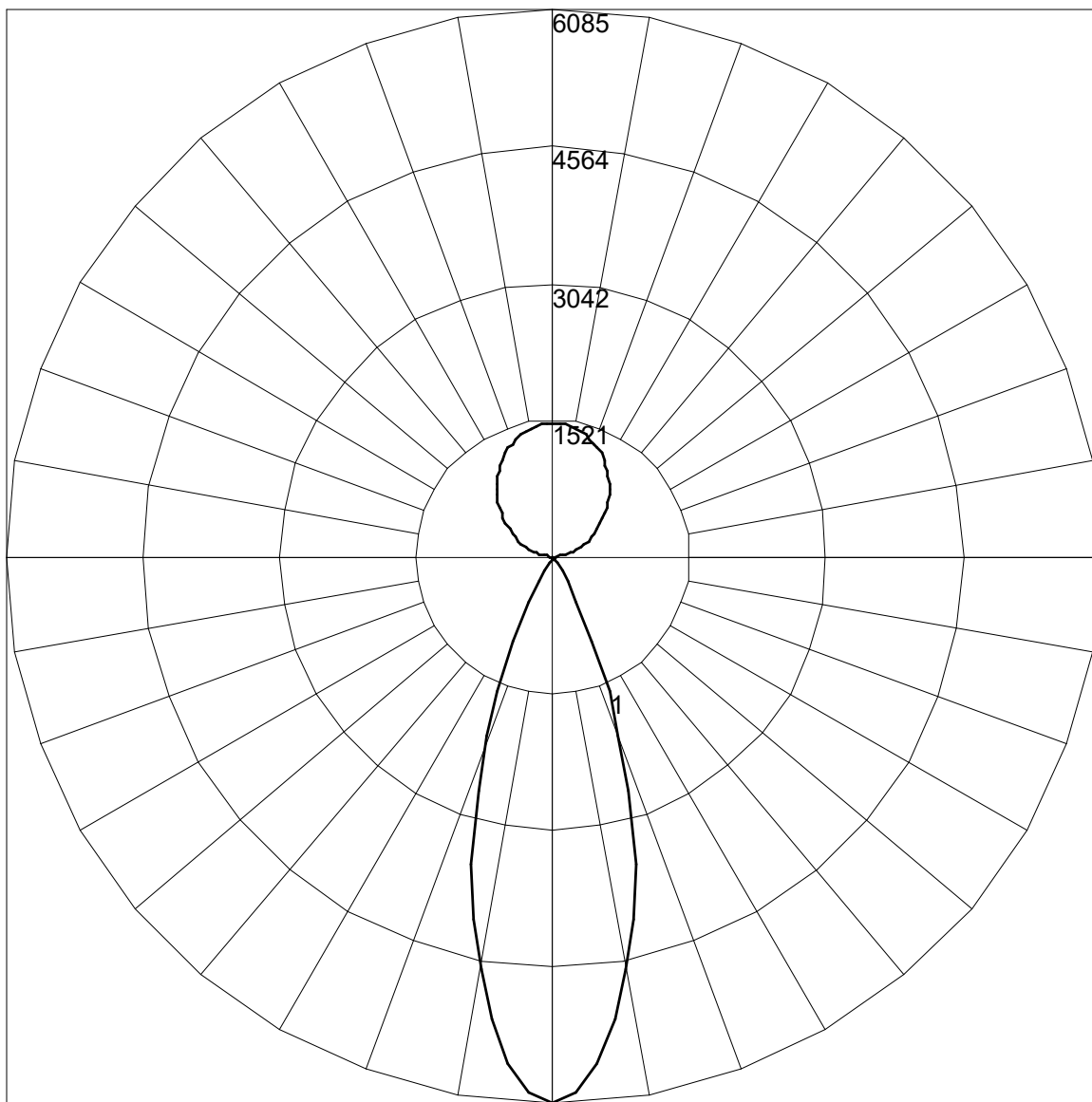
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41	33
1	96	93	90	87	87	84	81	79	68	66	65	53	52	51	39	39	38	32
2	89	84	79	75	81	76	72	69	62	60	57	49	48	47	37	37	36	31
3	83	76	70	66	76	70	65	61	58	54	52	46	44	43	36	35	34	30
4	78	70	63	59	71	64	59	55	53	50	47	44	41	40	34	33	32	29
5	73	64	58	53	67	59	54	50	50	46	43	41	39	37	33	32	31	27
6	69	59	53	48	63	55	49	45	47	43	40	39	37	35	32	30	29	27
7	65	55	49	44	59	51	46	42	44	40	37	37	35	33	31	29	28	26
8	61	51	45	41	56	48	43	39	41	38	35	35	33	31	29	28	27	25
9	58	48	42	38	53	45	40	36	39	35	33	34	31	29	28	27	26	24
10	55	45	40	36	51	43	38	34	37	34	31	32	30	28	27	26	25	23

POLAR GRAPH



Maximum Candela = 6084.714 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)