

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HPO-P-D-4FT-S-835-RB-ITL93794.301.IES

DESCRIPTION INFORMATION (From Photometric File)

[TEST]ITL93794.301 Family Correlation File
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.
[ISSUE DATE]08/19/20
[TEST DATE]09/08/20
[MANUFACT]FINELITE, INC.
[LUMCAT]FINELITE HPO-P-D-4ft-S-835-RB
[INPUT_ELECTRICAL]120.0 VOLTS, 13.5 WATTS
[INPUT_ELECTRICAL]277.0 VOLTS, 14.6 WATTS
[ABSOLUTE LUMENS]1703
[OTHER]see www.finelite.com for source file ITL93794. For further details on Finelite family correlation files, go to
[more]http://www.finelite.com/download_files/series_downloads/photometry_pdf/FL_Family_Correlation_WhitePaper.pdf
[CONVERT] Photometric web converted from original test data

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1703
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	13.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.20 ft
Luminous Height	0.04 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6522	5924	5853
55	6142	5445	5508
65	5650	5026	5375
75	5046	4967	5871
85	4048	6665	8129

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : HPO-P-D-4FT-S-835-RB-ITL93794.301.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	546.478	546.478	546.478	546.478	546.478
2.5	545.660	545.660	545.660	545.660	545.660
5.0	543.204	543.613	543.613	544.022	544.022
7.5	539.929	539.519	540.338	540.748	541.157
10.0	534.607	534.198	536.245	537.063	536.654
12.5	528.876	527.239	530.104	531.742	531.333
15.0	521.099	518.643	523.146	525.192	524.783
17.5	512.503	508.818	514.959	517.824	517.005
20.0	501.450	498.585	504.725	508.818	508.409
22.5	489.988	487.123	494.082	498.585	497.766
25.0	476.480	474.024	482.620	486.714	487.532
27.5	462.972	460.515	469.521	474.024	474.843
30.0	447.826	445.779	456.013	461.334	461.744
32.5	431.452	430.633	440.457	446.598	447.826
35.0	415.487	414.669	425.312	431.042	433.089
37.5	398.295	397.885	408.938	415.487	417.534
40.0	379.465	380.693	391.336	399.523	401.569
42.5	361.044	363.091	374.143	382.740	385.605
45.0	343.033	344.261	356.541	364.728	368.822
47.5	322.975	325.431	338.121	347.536	352.038
50.0	302.917	306.192	318.881	329.934	335.255
52.5	283.268	286.952	300.461	313.151	318.472
55.0	263.210	266.076	281.221	295.549	302.507
57.5	243.152	246.427	262.391	278.765	286.134
60.0	221.047	226.369	243.152	263.210	270.988
62.5	200.580	206.311	225.550	247.246	256.661
65.0	179.703	185.844	208.767	232.100	242.743
67.5	159.645	166.195	192.393	219.001	230.053
70.0	139.178	147.365	176.429	206.311	218.182
72.5	119.529	129.354	162.101	195.668	207.948
75.0	99.881	111.342	149.821	185.844	199.761
77.5	81.051	95.378	139.587	178.066	191.984
80.0	62.630	81.460	130.172	171.107	185.844
82.5	45.438	69.998	124.032	166.195	181.341
85.0	29.064	61.811	119.120	162.101	177.657
87.5	12.280	57.309	116.255	160.055	176.429
90.0	0.000	55.671	115.436	159.645	175.610

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HPO-P-D-4FT-S-835-RB-ITL93794.301.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	199.05	N.A.	11.70
0-30	420.82	N.A.	24.70
0-40	685.96	N.A.	40.30
0-60	1212.21	N.A.	71.20
0-80	1579.17	N.A.	92.70
0-90	1702.62	N.A.	100.00
10-90	1650.98	N.A.	97.00
20-40	486.91	N.A.	28.60
20-50	761.15	N.A.	44.70
40-70	734.39	N.A.	43.10
60-80	366.97	N.A.	21.60
70-80	158.83	N.A.	9.30
80-90	123.45	N.A.	7.30
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	1702.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	51.64
10-20	147.40
20-30	221.77
30-40	265.14
40-50	274.24
50-60	252.02
60-70	208.14
70-80	158.83
80-90	123.45
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

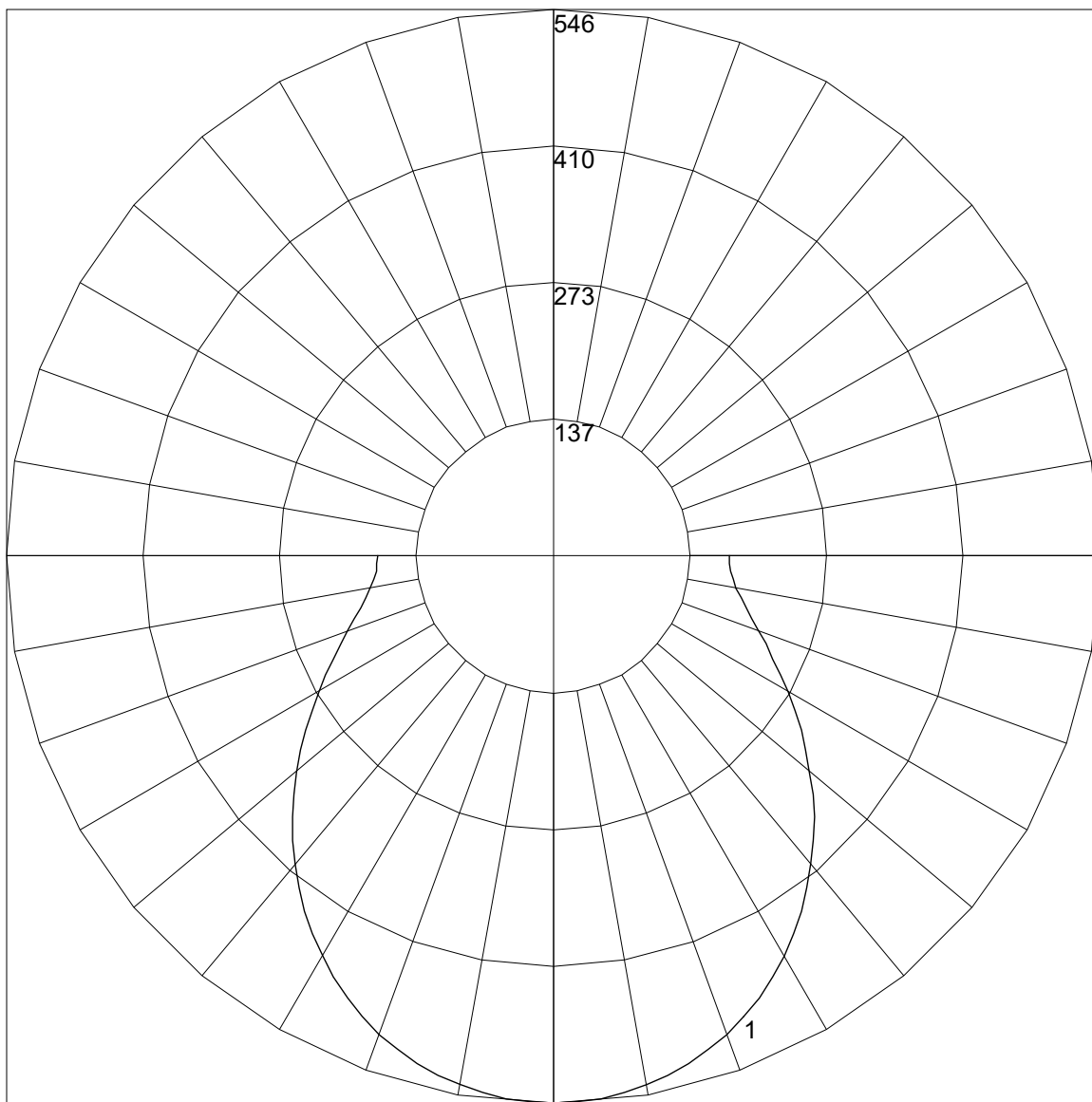
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HPO-P-D-4FT-S-835-RB-ITL93794.301.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	96	87	79	72	93	85	77	71	81	75	70	78	72	68	74	70	66	64
3	87	76	67	59	85	74	66	59	71	64	58	68	62	57	65	60	56	53
4	80	67	57	50	77	65	57	50	63	55	49	60	54	48	58	52	48	45
5	73	60	50	43	71	58	49	43	56	48	42	54	47	42	52	46	41	39
6	68	54	44	37	66	53	44	37	51	43	37	49	42	37	47	41	36	34
7	63	49	39	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27
9	55	41	32	26	53	40	32	26	39	31	26	38	31	26	37	31	26	24
10	51	38	29	24	50	37	29	24	36	29	24	35	28	24	34	28	24	22

POLAR GRAPH



Maximum Candela = 546.478 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)