

HE1 4FT 228T5

Delivered Lumens= 5,100Lm

Total System Watts= 62W

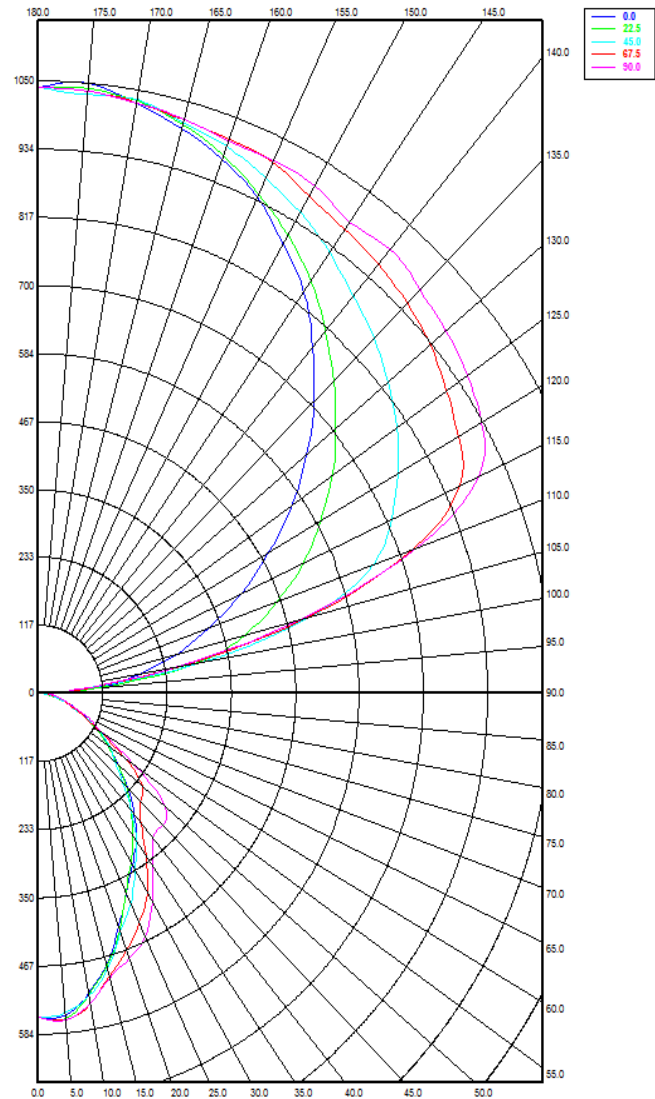
Optical Efficiency = 87.8%

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0- 30	378	6.5	7.4
0- 40	578	10.0	11.3
0- 60	918	15.8	18.0
0- 90	1074	18.5	21.1
90-120	1248	21.5	24.5
90-150	3177	54.8	62.4
90-180	4017	69.3	78.9
0-180	5091	87.8	100.0

ZONAL LUMENS

Cone	Between	Lumens
1.25	0.00 - 2.50	3.31
5.00	2.50 - 7.50	26.61
10.00	7.50 - 12.50	50.49
15.00	12.50 - 17.50	69.62
20.00	17.50 - 22.50	83.87
25.00	22.50 - 27.50	94.06
30.00	27.50 - 32.50	99.86
35.00	32.50 - 37.50	101.01
40.00	37.50 - 42.50	97.89
45.00	42.50 - 47.50	95.02
50.00	47.50 - 52.50	90.04
55.00	52.50 - 57.50	76.71
60.00	57.50 - 62.50	58.61
65.00	62.50 - 67.50	44.82
70.00	67.50 - 72.50	32.24
75.00	72.50 - 77.50	22.85
80.00	77.50 - 82.50	15.21
85.00	82.50 - 87.50	8.70
90.00	87.50 - 92.50	6.84
95.00	92.50 - 97.50	47.09
100.00	97.50 - 102.50	141.35
105.00	102.50 - 107.50	237.91
110.00	107.50 - 112.50	305.21
115.00	112.50 - 117.50	339.31
120.00	117.50 - 122.50	348.32
125.00	122.50 - 127.50	349.11
130.00	127.50 - 132.50	343.25
135.00	132.50 - 137.50	330.84
140.00	137.50 - 142.50	312.59
145.00	142.50 - 147.50	288.65
150.00	147.50 - 152.50	259.67
155.00	152.50 - 157.50	225.82
160.00	157.50 - 162.50	186.69
165.00	162.50 - 167.50	143.82
170.00	167.50 - 172.50	98.05
175.00	172.50 - 177.50	49.59
178.75	177.50 - 180.00	6.21



Photometrics

Candela Distribution:

	0.0	22.5	45.0	67.5	90.0
0.0	554.27	554.27	554.27	554.27	554.27
5.0	554.31	559.53	550.17	560.53	561.76
10.0	522.30	524.72	526.26	539.94	539.48
15.0	480.18	482.70	487.65	500.23	504.49
20.0	425.83	431.25	434.90	469.10	482.64
25.0	377.33	375.80	396.39	433.63	459.51
30.0	340.16	335.73	350.29	394.78	413.10
35.0	309.11	299.30	310.01	340.69	361.21
40.0	270.85	261.40	262.42	289.99	324.10
45.0	229.76	227.10	216.74	262.49	318.85
50.0	187.80	187.30	181.10	245.71	299.53
55.0	155.60	151.72	157.44	190.31	212.14
60.0	119.76	120.73	125.16	122.59	130.95
65.0	89.91	90.18	87.30	87.61	101.74
70.0	66.79	62.50	60.24	62.02	64.38
75.0	43.54	38.54	41.53	46.08	49.47
80.0	25.52	22.62	27.03	33.24	34.05
85.0	11.29	10.68	14.22	21.10	24.19
90.0	8.19	6.43	11.54	17.79	20.11
95.0	104.62	110.42	75.75	70.61	71.72
100.0	186.87	287.16	291.32	253.89	243.19
105.0	261.77	388.70	519.40	509.80	497.23
110.0	329.87	462.09	650.47	725.87	733.71
115.0	408.23	531.24	708.83	846.25	883.19
120.0	482.82	590.16	755.17	882.79	931.10
125.0	559.69	650.26	796.71	906.54	953.44
130.0	635.69	706.12	830.30	931.49	968.13
135.0	707.15	757.69	863.72	948.48	981.66
140.0	774.36	810.53	891.45	961.90	995.43
145.0	840.83	862.99	922.75	972.17	988.27
150.0	889.63	906.87	951.61	984.32	1004.62
155.0	939.03	946.16	974.59	1005.08	1008.02
160.0	974.50	981.26	998.48	1011.69	1009.02
165.0	1003.66	1010.81	1013.84	1018.45	1020.35
170.0	1026.72	1031.26	1033.78	1028.46	1027.33
175.0	1050.30	1040.52	1031.27	1036.92	1036.92
180.0	1038.39	1038.39	1038.39	1038.39	1038.39