



Manufacturer: Felt Electric
Lamp Model: High Heat Rated R-30 CFL Reflector
Test Facility: Luminaire Testing Laboratory, Allentown, PA
Date Provided: 8/5/05
Rated Life: 8000

Lumen Maintenance (Interpolated)	
Manufacturer Rated Life (hrs.)	8000
1000 hr.	87.15%
40% of Rated Life	3200
	80.60%

Life and Lumen Maintenance Report

LUMEN DEPRECIATION (values in fc)																												
Date	7/26/04	8/9/04	8/23/04	9/6/04	9/20/04	10/4/04	10/18/04	11/1/04	11/15/04	11/29/04	12/13/04	12/27/04	1/10/05	1/24/05	2/7/05	2/21/05	3/7/05	3/21/05	4/4/05	4/18/05	5/2/05	5/16/05	5/30/05	6/13/05	6/27/05	7/11/05	7/25/05	8/4/05
"ON" hrs.	0.0	382.4	664.8	907.2	1209.6	1512.0	1814.4	2116.8	2419.2	2721.6	3024.0	3326.4	3628.8	3931.2	4233.6	4536.0	4838.4	5140.8	5443.2	5745.6	6048.0	6350.4	6652.8	6955.2	7257.6	7560.0	7862.4	8078.4
Lamp Cell																												
B9	29.95	28.08	26.78	25.97	26.20	26.46	26.35	26.19	26.09	25.01	24.23	23.72	23.67	22.61	22.72	22.86	22.41	22.38	22.66	22.26	22.64	22.37	21.78	21.63	21.91	21.54	21.26	21.31
C10	30.42	27.83	26.22	25.65	25.60	25.31	25.25	25.22	25.71	24.72	24.02	23.54	22.31	22.82	22.62	22.38	22.42	22.33	22.28	22.17	22.18	21.78	21.68	21.55	21.51	21.04	20.93	20.86
D10	28.29	27.03	26.15	25.59	25.51	25.69	25.48	25.37	25.29	24.27	23.82	23.79	23.61	23.39	22.76	22.81	22.47	22.34	22.72	22.49	22.35	22.26	21.82	21.77	21.67	21.08	20.86	20.87
E10	26.61	27.49	26.39	25.75	25.41	25.65	25.39	25.21	25.05	23.83	23.38	23.13	23.07	22.50	22.45	22.51	22.33	22.06	22.17	22.35	22.33	22.06	21.54	21.43	20.92	21.24	20.88	20.83
F9	27.51	25.46	24.74	23.24	23.88	24.00	24.04	23.74	23.09	23.15	22.41	22.08	21.70	21.15	19.89	21.16	21.04	21.01	20.91	20.15	20.35	20.52	19.67	20.10	20.33	20.10	19.49	19.39
F10	29.38	27.82	26.84	26.21	26.24	26.35	26.31	26.16	26.01	25.12	23.98	24.19	23.80	23.27	22.94	23.07	22.95	22.71	23.08	22.81	22.72	22.41	22.05	21.83	21.80	21.44	21.27	20.90
G10	28.47	26.95	25.53	24.73	24.84	24.75	24.63	24.43	24.32	23.46	22.94	22.30	21.51	21.86	21.72	21.75	21.41	21.15	21.56	21.15	21.03	20.81	20.88	20.66	20.36	20.31	19.68	19.81
H10	27.86	26.17	25.61	24.86	24.60	24.63	24.67	24.59	24.76	24.18	23.64	23.32	22.81	22.26	22.53	22.30	21.97	21.25	22.23	21.95	21.97	21.61	21.36	21.10	21.06	20.81	20.62	20.46
I9	26.67	27.40	25.89	24.83	24.35	24.89	24.46	24.35	24.30	23.74	22.92	22.30	22.27	21.18	21.20	20.90	20.33	21.35	21.81	21.47	21.42	21.11	20.84	20.62	20.62	20.19	19.78	19.97
H10	28.66	27.20	25.67	25.07	24.97	25.21	25.01	24.97	25.16	24.31	23.69	23.00	22.96	22.44	22.20	22.12	21.72	21.67	22.02	21.46	21.86	21.55	21.05	20.98	20.98	20.77	20.33	20.32
Average	28.9	27.1	26.0	25.2	25.1	25.3	25.1	25.0	25.0	24.2	23.5	23.1	22.8	22.3	22.1	22.2	21.9	21.8	22.1	21.8	21.9	21.7	21.3	21.2	21.1	20.9	20.5	20.5
Avg. Lumen Maint.	100%	93.9%	89.9%	87.2%	87.0%	87.6%	87.0%	86.6%	86.4%	83.7%	81.4%	80.1%	78.8%	77.3%	76.4%	76.8%	75.8%	75.5%	76.6%	75.5%	75.7%	75.0%	73.6%	73.2%	73.1%	72.1%	71.0%	70.8%

