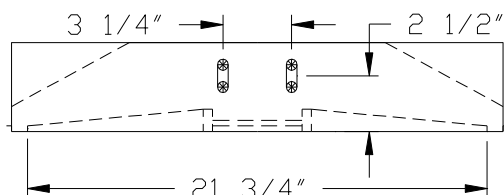
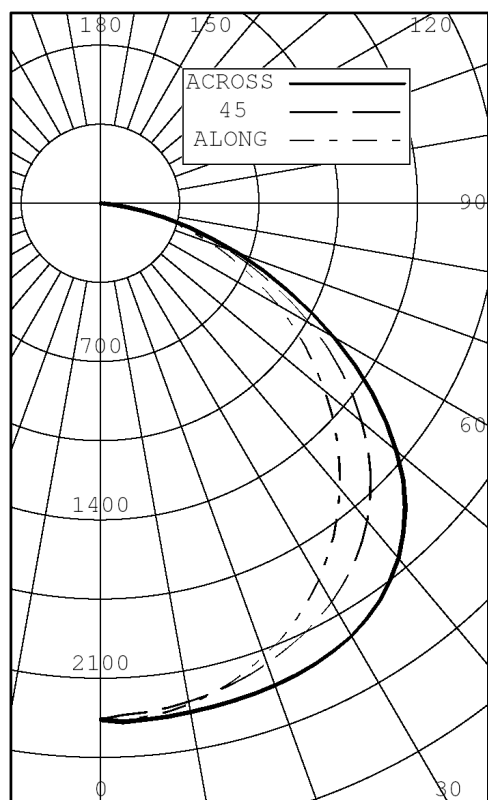




CERTIFIED TEST REPORT No. 26679

FINELITE - 2' X 2' FLUORESCENT RECESSED LUMINAIRE, CAT# HPR-x-2X2-2FT55-DCO
WHITE REFLECTOR, FROSTED PLASTIC SIDE LENSES & FROSTED CENTER LENS
TWO SYLVANIA 55 WATT CFL LAMPS, CAT# F55DL/835. LUMEN RATING = 9600 LMS.
ONE SYLVANIA QTP2X54T5HO/UNV PSN BALLAST OPERATING AT 120 VAC AND 96 WATTS



INTENSITY (CANDLEPOWER) SUMMARY						OUTPUT LUMENS
ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	2283	2283	2283	2283	2283	
5	2282	2268	2260	2284	2293	220
10	2249	2240	2238	2272	2286	
15	2197	2192	2206	2256	2277	627
20	2124	2128	2163	2234	2267	
25	2034	2047	2108	2206	2247	979
30	1924	1947	2037	2160	2211	
35	1794	1828	1947	2090	2147	1223
40	1643	1690	1832	1986	2046	
45	1475	1531	1686	1841	1901	1295
50	1292	1352	1506	1653	1705	
55	1101	1158	1298	1421	1463	1149
60	906	954	1068	1163	1194	
65	712	749	829	895	914	814
70	528	551	598	639	647	
75	351	364	382	398	401	405
80	196	198	200	199	196	
85	72	70	62	57	54	83
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1826	19.02	26.87
0-40	3049	31.76	44.87
0-60	5493	57.22	80.85
0-90	6795	70.78	100.00
40-90	3746	39.02	55.13
60-90	1301	13.56	19.15
90-180	0	0.00	0.00
0-180	6795	70.78	100.00

** EFFICIENCY: 70.8% **

LUMINOUS LENGTH: 22.000 INS
WIDTH: 21.750 INS

LUMINANCE SUMMARY CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	6757	7751	8740
55	6218	7361	8291
65	5458	6379	7029
75	4388	4785	5042
85	2676	2299	2003

CERTIFIED BY:

Ryder Ramsey

DATE:
JAN 29, 2010

PREPARED FOR:

FINELITE
UNION CITY, CA

TESTED IN ACCORDANCE WITH IES PROCEDURES.

LIGHTING SCIENCES, INC.
7826 E. EVANS RD.
SCOTTSDALE, AZ, USA 85260

CERTIFIED TEST REPORT No. 26679

FINELITE - 2' X 2' FLUORESCENT RECESSED LUMINAIRE, CAT# HPR-x-2X2-2FT55V-DCO
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INTENSITY(CANDLEPOWER) DATA
IN 2.5 DEGREE STEPS

ANGLE	PLANE						OUTPUT LUMENS
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	
0.0	2283	2283	2283	2283	2283	2283	
2.5	2289	2275	2265	2287	2296	2280	
5.0	2282	2268	2260	2284	2293	2275	220
7.5	2268	2257	2251	2279	2290	2267	
10.0	2249	2240	2238	2272	2286	2255	
12.5	2226	2219	2225	2264	2281	2240	
15.0	2197	2192	2206	2256	2277	2223	627
17.5	2164	2163	2186	2246	2272	2203	
20.0	2124	2128	2163	2234	2267	2180	
22.5	2083	2089	2136	2221	2258	2154	
25.0	2034	2047	2108	2206	2247	2125	979
27.5	1980	1998	2074	2184	2232	2091	
30.0	1924	1947	2037	2160	2211	2053	
32.5	1860	1889	1994	2129	2183	2008	
35.0	1794	1828	1947	2090	2147	1959	1223
37.5	1719	1760	1892	2042	2101	1901	
40.0	1643	1690	1832	1986	2046	1838	
42.5	1560	1610	1762	1917	1978	1764	
45.0	1475	1531	1686	1841	1901	1686	1295
47.5	1386	1445	1600	1754	1811	1599	
50.0	1292	1352	1506	1653	1705	1502	
52.5	1199	1259	1408	1544	1590	1401	
55.0	1101	1158	1298	1421	1463	1290	1149
57.5	1005	1058	1188	1297	1333	1178	
60.0	906	954	1068	1163	1194	1059	
62.5	811	853	952	1032	1056	943	
65.0	712	749	829	895	914	822	814
67.5	619	649	712	765	779	706	
70.0	528	551	598	639	647	594	
72.5	436	453	485	513	517	482	
75.0	351	364	382	398	401	380	405
77.5	268	275	283	290	291	282	
80.0	196	198	200	199	196	198	
82.5	129	127	124	116	112	122	
85.0	72	70	62	57	54	63	83
87.5	25	22	19	20	19	21	
90.0	0	0	0	0	0	0	

LIGHTING SCIENCES, INC.
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AVERAGE LUMINANCE DATA

CD./SQ.M (FOOTLAMBERTS)

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	7396(2158)	7396(2158)	7396(2158)	7396(2158)	7396(2158)
30	7197(2100)	7301(2131)	7638(2229)	8097(2363)	8271(2414)
40	6948(2027)	7163(2090)	7753(2263)	8421(2458)	8653(2525)
45	6757(1972)	7022(2049)	7751(2262)	8460(2469)	8740(2550)
50	6511(1900)	6837(1995)	7588(2214)	8353(2437)	8591(2507)
55	6218(1814)	6552(1912)	7361(2148)	8051(2349)	8291(2420)
60	5867(1712)	6202(1810)	6926(2021)	7556(2205)	7733(2257)
65	5458(1593)	5746(1677)	6379(1861)	6884(2009)	7029(2051)
70	5001(1459)	5238(1528)	5682(1658)	6061(1769)	6124(1787)
75	4388(1280)	4571(1334)	4785(1396)	4995(1457)	5042(1471)
80	3664(1069)	3714(1084)	3751(1094)	3721(1086)	3648(1064)
85	2676(781)	2594(757)	2299(671)	2124(620)	2003(584)

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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	90				80				70				50				30				10				0
	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																									
0	0.860	0.860	0.860	0.86	0.840	0.840	0.840	0.84	0.820	0.820	0.820	0.82	0.790	0.790	0.79	0.750	0.750	0.75	0.720	0.720	0.72	0.71			
1	0.800	0.760	0.730	0.71	0.780	0.750	0.720	0.69	0.760	0.730	0.710	0.68	0.700	0.680	0.66	0.670	0.660	0.64	0.650	0.630	0.62	0.61			
2	0.730	0.680	0.630	0.59	0.710	0.660	0.620	0.58	0.700	0.650	0.610	0.57	0.620	0.590	0.56	0.600	0.570	0.55	0.580	0.560	0.54	0.52			
3	0.670	0.600	0.540	0.49	0.650	0.580	0.530	0.49	0.640	0.570	0.530	0.49	0.550	0.510	0.48	0.530	0.500	0.47	0.520	0.490	0.46	0.45			
4	0.620	0.530	0.470	0.43	0.600	0.520	0.470	0.42	0.590	0.520	0.460	0.42	0.500	0.450	0.41	0.480	0.440	0.41	0.470	0.430	0.40	0.39			
5	0.570	0.480	0.410	0.36	0.550	0.470	0.410	0.36	0.540	0.460	0.400	0.36	0.440	0.390	0.36	0.430	0.390	0.35	0.420	0.380	0.35	0.33			
6	0.520	0.430	0.360	0.32	0.510	0.420	0.360	0.31	0.500	0.410	0.350	0.31	0.400	0.350	0.31	0.390	0.340	0.31	0.380	0.330	0.30	0.29			
7	0.480	0.380	0.320	0.28	0.470	0.370	0.310	0.27	0.460	0.370	0.310	0.27	0.360	0.300	0.27	0.350	0.300	0.26	0.340	0.300	0.26	0.25			
8	0.440	0.340	0.280	0.24	0.430	0.340	0.280	0.24	0.420	0.330	0.280	0.24	0.320	0.270	0.24	0.310	0.270	0.23	0.310	0.260	0.23	0.22			
9	0.410	0.310	0.250	0.21	0.400	0.310	0.250	0.21	0.390	0.300	0.250	0.21	0.290	0.240	0.21	0.290	0.240	0.20	0.280	0.240	0.20	0.19			
10	0.380	0.280	0.220	0.18	0.370	0.280	0.220	0.18	0.360	0.270	0.220	0.18	0.270	0.220	0.18	0.260	0.210	0.18	0.250	0.210	0.18	0.17			

LUMINAIRE INPUT WATTS 96.0

LABORATORY RESULTS MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST AND FIELD FACTORS HAVE NOT BEEN APPLIED.

TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST
LUMINOUS OPENING OF LUMINAIRE.