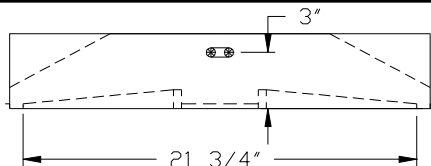
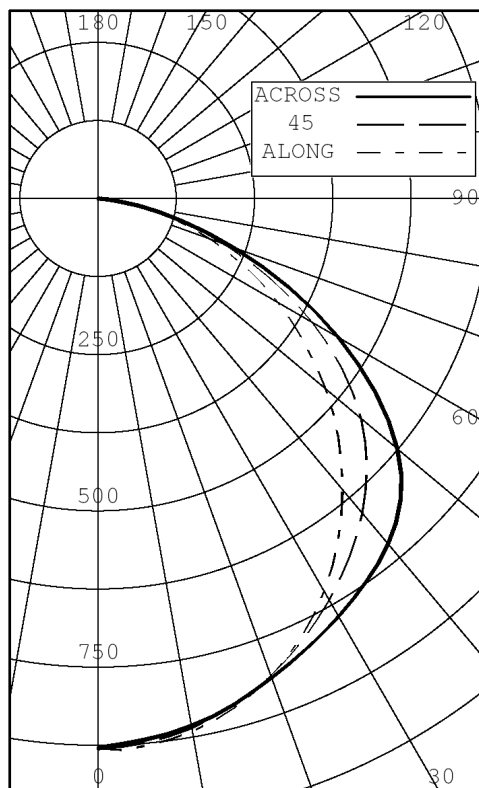




CERTIFIED TEST REPORT No. 26732

FINELITE - 2' X 2' FLUORESCENT RECESSED LUMINAIRE, CAT# HPR-x-2X2-1FT40-DCO
WHITE REFLECTOR, FROSTED PLASTIC SIDE LENSES & FLAT FROSTED CENTER LENS
ONE SYLVANIA 40 WATT CFL LAMP, CAT# FT40DL/835/RS. LUMEN RATING = 3150 LMS.
ONE SYLVANIA QHE1X40DL/UNV ISN SC BALLAST OPERATING AT 120 VAC AND 35.0 WATTS



LUMINANCE SUMMARY CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	2486	2791	3140
55	2271	2695	3063
65	1994	2338	2590
75	1591	1697	1770
85	929	719	645

INTENSITY (CANDLEPOWER) SUMMARY OUTPUT LUMENS

ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	880	880	880	880	880	
5	880	877	875	871	869	84
10	866	863	861	859	857	
15	843	841	840	839	839	237
20	811	809	811	814	815	
25	771	770	777	787	793	359
30	723	725	740	760	771	
35	668	673	700	733	748	440
40	607	617	656	701	721	
45	543	558	607	659	683	468
50	474	492	548	602	624	
55	402	421	475	521	540	420
60	331	348	394	427	442	
65	260	273	304	326	337	297
70	191	199	215	227	233	
75	127	130	135	139	141	144
80	70	69	68	66	65	
85	25	22	19	17	17	27
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	680	21.57	27.45
0-40	1119	35.53	45.21
0-60	2008	63.74	81.10
0-90	2476	78.60	100.00
40-90	1357	43.07	54.79
60-90	468	14.86	18.90
90-180	0	0.00	0.00
0-180	2476	78.60	100.00

** EFFICIENCY: 78.6% **

LUMINOUS LENGTH: 22.000 INS
WIDTH: 21.750 INS

S/MH: 1.3
SC(ALONG): 1.2, SC(ACROSS): 1.3

CERTIFIED BY: *Ryder Tunnay* DATE: FEB 23, 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. 26732

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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	880	880	880	880	880	880	
2.5	883	881	878	875	874	878	
5.0	880	877	875	871	869	874	84
7.5	874	871	869	866	865	868	
10.0	866	863	861	859	857	861	
12.5	856	853	851	849	849	852	
15.0	843	841	840	839	839	840	237
17.5	829	826	826	826	827	826	
20.0	811	809	811	814	815	812	
22.5	792	790	794	800	804	796	
25.0	771	770	777	787	793	779	359
27.5	748	749	759	774	782	762	
30.0	723	725	740	760	771	743	
32.5	696	700	720	747	759	724	
35.0	668	673	700	733	748	703	440
37.5	638	646	679	718	735	682	
40.0	607	617	656	701	721	660	
42.5	575	588	632	682	704	635	
45.0	543	558	607	659	683	609	468
47.5	509	526	579	633	657	580	
50.0	474	492	548	602	624	548	
52.5	438	457	513	564	584	511	
55.0	402	421	475	521	540	472	420
57.5	366	385	436	475	493	431	
60.0	331	348	394	427	442	389	
62.5	295	311	349	377	390	345	
65.0	260	273	304	326	337	300	297
67.5	225	235	259	276	284	256	
70.0	191	199	215	227	233	213	
72.5	158	164	174	181	185	173	
75.0	127	130	135	139	141	135	144
77.5	97	98	100	100	101	99	
80.0	70	69	68	66	65	67	
82.5	45	43	40	37	36	40	
85.0	25	22	19	17	17	20	27
87.5	9	7	6	6	6	6	
90.0	0	0	0	0	0	0	

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AVERAGE LUMINANCE DATA

CD./SQ.M (FOOTLAMBERTS)

ANGLE	ALONG		22.5		45		67.5		ACROSS	
0	2849 (	831)	2849 (	831)	2849 (	831)	2849 (	831)	2849 (	831)
30	2705 (	789)	2719 (	793)	2774 (	809)	2851 (	832)	2882 (	841)
40	2567 (	749)	2617 (	763)	2778 (	810)	2971 (	867)	3048 (	889)
45	2486 (	725)	2559 (	746)	2791 (	814)	3030 (	884)	3140 (	916)
50	2388 (	697)	2489 (	726)	2760 (	805)	3041 (	887)	3142 (	917)
55	2271 (	663)	2383 (	695)	2695 (	786)	2951 (	861)	3063 (	894)
60	2143 (	625)	2265 (	661)	2553 (	745)	2775 (	810)	2865 (	836)
65	1994 (	582)	2092 (	610)	2338 (	682)	2509 (	732)	2590 (	756)
70	1810 (	528)	1892 (	552)	2045 (	596)	2157 (	629)	2207 (	644)
75	1591 (	464)	1634 (	476)	1697 (	495)	1741 (	508)	1770 (	516)
80	1299 (379)	1285 (375)	1266 (369)	1226 (357)	1219 (355)
85	929 (271)	838 (244)	719 (209)	651 (190)	645 (188)

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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	0.960	0.960	0.960	0.96	0.940	0.940	0.940	0.94	0.910	0.910	0.910	0.91	0.870	0.870	0.87	0.840	0.840	0.84	0.800	0.800	0.80	0.79			
1	0.880	0.850	0.820	0.79	0.860	0.830	0.800	0.77	0.840	0.810	0.790	0.76	0.780	0.760	0.74	0.750	0.730	0.71	0.720	0.710	0.69	0.68			
2	0.810	0.750	0.700	0.65	0.790	0.740	0.690	0.65	0.780	0.720	0.680	0.64	0.690	0.660	0.62	0.670	0.640	0.61	0.650	0.620	0.60	0.58			
3	0.750	0.660	0.600	0.55	0.730	0.650	0.590	0.55	0.710	0.640	0.590	0.54	0.620	0.570	0.53	0.600	0.560	0.52	0.580	0.540	0.51	0.50			
4	0.690	0.590	0.520	0.48	0.670	0.580	0.520	0.47	0.650	0.570	0.520	0.47	0.550	0.500	0.46	0.540	0.490	0.46	0.520	0.480	0.45	0.43			
5	0.640	0.530	0.460	0.41	0.620	0.520	0.450	0.40	0.600	0.510	0.450	0.40	0.500	0.440	0.40	0.480	0.430	0.39	0.470	0.430	0.39	0.37			
6	0.580	0.470	0.400	0.36	0.570	0.470	0.400	0.35	0.550	0.460	0.400	0.35	0.440	0.390	0.35	0.430	0.380	0.34	0.420	0.370	0.34	0.32			
7	0.530	0.420	0.350	0.31	0.520	0.420	0.350	0.31	0.510	0.410	0.350	0.30	0.400	0.340	0.30	0.390	0.340	0.30	0.380	0.330	0.29	0.28			
8	0.490	0.380	0.320	0.27	0.480	0.380	0.310	0.27	0.470	0.370	0.310	0.27	0.360	0.300	0.26	0.350	0.300	0.26	0.340	0.300	0.26	0.25			
9	0.460	0.350	0.280	0.23	0.450	0.340	0.280	0.23	0.440	0.340	0.280	0.23	0.330	0.270	0.23	0.320	0.270	0.23	0.310	0.260	0.23	0.22			
10	0.420	0.320	0.250	0.21	0.410	0.310	0.250	0.21	0.410	0.310	0.250	0.21	0.300	0.240	0.21	0.290	0.240	0.20	0.290	0.240	0.20	0.19			

LUMINAIRE INPUT WATTS 35.0

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.