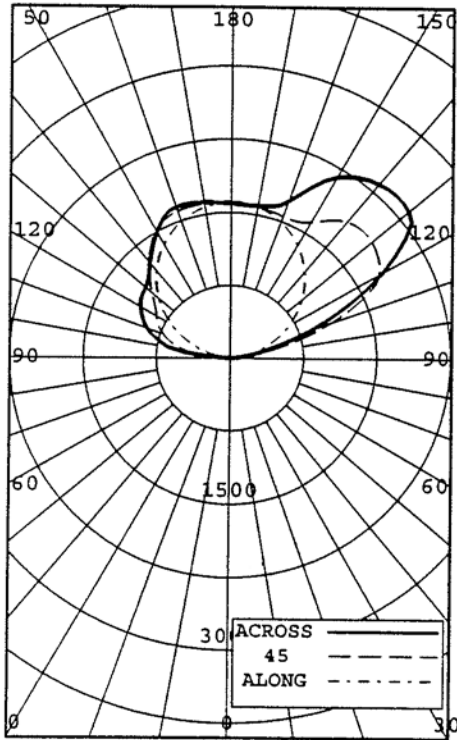




ELECTRIX INC. - FLUORESCENT COVE LUMINAIRE - LUMILEGE, CAT# LLSR7-GTPS-54
WHITE INTERIOR WITH DIFFUSE REFLECTOR AND NO LENS
TWO PHILIPS 54 WATT T5 LAMPS, CAT# F54T5/841/HO. LUMEN RATING = 4500 LMS.
ONE ADVANCE ICN-2S54 BALLAST OPERATING AT 120 VAC AND 120 WATTS

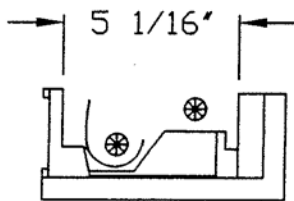
ANGLE	INTENSITY (CANDLEPOWER) SUMMARY					OUTPUT LUMENS
	ALONG	BEAM SIDE			ACROSS	
		67.5	45	22.5		
180	1600	1600	1600	1600	1600	
175	1605	1586	1590	1586	1586	77
170	1583	1566	1581	1588	1597	
165	1548	1536	1569	1598	1623	223
160	1497	1497	1558	1641	1731	
155	1434	1448	1564	1786	1957	377
150	1358	1390	1629	1989	2157	
145	1271	1328	1749	2132	2277	547
140	1172	1269	1846	2220	2351	
135	1065	1229	1888	2258	2385	685
130	949	1217	1884	2263	2369	
125	823	1205	1841	2194	2176	744
120	693	1158	1755	1881	1791	
115	559	1072	1509	1461	1335	610
110	420	945	1105	983	867	
105	287	754	670	556	473	313
100	167	408	313	262	214	
95	65	135	90	64	35	60
90	0	0	0	0	0	



BOTH SIDES
ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-150	1338	14.87	20.83
180-140	2314	25.72	36.03
180-120	4626	51.40	72.01
180-90	6424	71.38	100.00
140-90	4109	45.66	63.97
120-90	1798	19.98	27.99
0-90	0	0.00	0.00
0-180	6424	71.38	100.00

** EFFICIENCY: 71.4% **



CERTIFIED BY:

Tan Lewin

DATE:

JUN 21, 2006

PREPARED FOR:

ELECTRIX INC.
NEW HAVEN, CT

TESTED IN ACCORDANCE WITH IES PROCEDURES.

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

CERTIFIED TEST REPORT No.

21315

ELECTRIX INC. - FLUORESCENT COVE LUMINAIRE - LUMILEGE, CAT# LLSR7-GTPS-54
WHITE INTERIOR WITH DIFFUSE REFLECTOR AND NO LENS
TWO PHILIPS 54 WATT T5 LAMPS, CAT# F54T5/841/HO. LUMEN RATING = 4500 LMS.
ONE ADVANCE ICN-2S54 BALLAST OPERATING AT 120 VAC AND 120 WATTS

BEAM SIDE
INTENSITY (CANDLEPOWER) DATA
IN 2.5 DEGREE STEPS

ANGLE	PLANE						OUTPUT LUMENS
	ALONG	67.5	45	22.5	ACROSS	AVERAGE	
180.0	1600	1600	1600	1600	1600	1600	
177.5	1611	1593	1595	1588	1586	1594	
175.0	1605	1586	1590	1586	1586	1589	77
172.5	1596	1577	1586	1587	1590	1586	
170.0	1583	1566	1581	1588	1597	1581	
167.5	1567	1552	1575	1592	1606	1576	
165.0	1548	1536	1569	1598	1623	1572	223
162.5	1524	1518	1563	1612	1660	1571	
160.0	1497	1497	1558	1641	1731	1577	
157.5	1467	1473	1557	1698	1836	1595	
155.0	1434	1448	1564	1786	1957	1623	377
152.5	1398	1420	1586	1891	2069	1658	
150.0	1358	1390	1629	1989	2157	1691	
147.5	1316	1359	1687	2070	2224	1721	
145.0	1271	1328	1749	2132	2277	1746	547
142.5	1222	1298	1806	2180	2322	1764	
140.0	1172	1269	1846	2220	2351	1774	
137.5	1120	1246	1874	2243	2372	1777	
135.0	1065	1229	1888	2258	2385	1775	685
132.5	1008	1221	1893	2265	2387	1769	
130.0	949	1217	1884	2263	2369	1756	
127.5	887	1214	1866	2240	2323	1731	
125.0	823	1205	1841	2194	2176	1685	744
122.5	758	1185	1808	2063	1990	1607	
120.0	693	1158	1755	1881	1791	1509	
117.5	627	1119	1672	1681	1574	1393	
115.0	559	1072	1509	1461	1335	1247	610
112.5	489	1013	1314	1218	1102	1085	
110.0	420	945	1105	983	867	919	
107.5	352	866	879	758	648	751	
105.0	287	754	670	556	473	590	313
102.5	225	585	476	393	330	433	
100.0	167	408	313	262	214	294	
97.5	113	256	187	154	111	177	
95.0	65	135	90	64	35	85	60
92.5	26	56	28	18	9	30	
90.0	0	0	0	0	0	0	

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

CERTIFIED TEST REPORT No.

21315

ELECTRIX INC. - FLUORESCENT COVE LUMINAIRE - LUMILEdge, CAT# LLSR7-GTPS-54
WHITE INTERIOR WITH DIFFUSE REFLECTOR AND NO LENS
TWO PHILIPS 54 WATT T5 LAMPS, CAT# F54T5/841/HO. LUMEN RATING = 4500 LMS.
ONE ADVANCE ICN-2SS4 BALLAST OPERATING AT 120 VAC AND 120 WATTS

OPPOSITE SIDE TO BEAM
INTENSITY(CANDLEPOWER) DATA
IN 2.5 DEGREE STEPS

ANGLE	PLANE						OUTPUT LUMENS
	ALONG	112.5	135	157.5	ACROSS	AVERAGE	
180.0	1600	1600	1600	1600	1600	1600	
177.5	1611	1601	1609	1604	1600	1605	
175.0	1605	1601	1614	1614	1611	1609	78
172.5	1596	1598	1618	1625	1623	1613	
170.0	1583	1592	1621	1634	1632	1614	
167.5	1567	1583	1621	1642	1643	1613	
165.0	1548	1570	1619	1650	1654	1610	227
162.5	1524	1556	1617	1652	1658	1604	
160.0	1497	1538	1611	1647	1655	1593	
157.5	1467	1518	1599	1637	1647	1578	
155.0	1434	1495	1581	1603	1608	1550	356
152.5	1398	1469	1561	1553	1558	1515	
150.0	1358	1441	1524	1499	1505	1474	
147.5	1316	1410	1472	1442	1450	1427	
145.0	1271	1376	1413	1384	1394	1376	430
142.5	1222	1337	1354	1326	1335	1324	
140.0	1172	1294	1292	1266	1280	1270	
137.5	1120	1248	1228	1213	1230	1216	
135.0	1065	1195	1163	1160	1183	1160	448
132.5	1008	1134	1100	1117	1150	1108	
130.0	949	1066	1040	1087	1129	1058	
127.5	887	995	983	1069	1120	1013	
125.0	823	923	935	1055	1107	970	434
122.5	758	851	898	1034	1086	926	
120.0	693	780	871	1006	1058	883	
117.5	627	710	845	972	1025	838	
115.0	559	644	812	934	988	791	391
112.5	489	582	771	893	949	741	
110.0	420	528	726	849	904	691	
107.5	352	485	679	796	851	640	
105.0	287	442	626	733	785	585	306
102.5	225	394	565	662	713	522	
100.0	167	341	497	588	650	458	
97.5	113	282	415	423	478	354	
95.0	65	218	250	224	272	215	119
92.5	26	110	80	64	87	78	
90.0	0	0	0	0	0	0	

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

CERTIFIED TEST REPORT No. 21315

ELECTRIX INC. - FLUORESCENT COVE LUMINAIRE - LUMILEGE, CAT# LLSR7-GTPS-54
WHITE INTERIOR WITH DIFFUSE REFLECTOR AND NO LENS
TWO PHILIPS 54 WATT T5 LAMPS, CAT# F54T5/841/HO. LUMEN RATING = 4500 LMS.
ONE ADVANCE ICN-2S54 BALLAST OPERATING AT 120 VAC AND 120 WATTS

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC	90				80				70				50				30				10				0											
WALL	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0							
RCR																																				
0	0.780	0.780	0.780	0.78	0.680	0.680	0.680	0.68	0.580	0.580	0.580	0.58	0.400	0.400	0.400	0.40	0.230	0.230	0.230	0.23	0.070	0.070	0.070	0.07	0.00											
1	0.710	0.680	0.640	0.62	0.620	0.590	0.560	0.54	0.530	0.500	0.480	0.46	0.350	0.330	0.32	0.32	0.200	0.190	0.19	0.19	0.060	0.060	0.060	0.06	0.00											
2	0.640	0.590	0.540	0.50	0.560	0.510	0.470	0.44	0.480	0.440	0.410	0.38	0.300	0.280	0.26	0.26	0.170	0.160	0.15	0.15	0.060	0.050	0.050	0.05	0.00											
3	0.590	0.520	0.460	0.41	0.510	0.450	0.400	0.37	0.440	0.390	0.350	0.32	0.270	0.240	0.22	0.22	0.150	0.140	0.13	0.13	0.050	0.050	0.040	0.04	0.00											
4	0.540	0.450	0.390	0.35	0.470	0.400	0.350	0.31	0.400	0.340	0.300	0.27	0.230	0.210	0.19	0.19	0.140	0.120	0.11	0.11	0.040	0.040	0.040	0.04	0.00											
5	0.490	0.390	0.340	0.29	0.430	0.340	0.300	0.26	0.360	0.300	0.260	0.23	0.210	0.180	0.16	0.16	0.120	0.110	0.09	0.09	0.040	0.030	0.030	0.03	0.00											
6	0.450	0.360	0.290	0.25	0.390	0.310	0.260	0.22	0.330	0.270	0.220	0.19	0.190	0.160	0.14	0.14	0.110	0.090	0.08	0.08	0.030	0.030	0.030	0.03	0.00											
7	0.410	0.320	0.260	0.21	0.360	0.280	0.230	0.19	0.310	0.240	0.200	0.17	0.170	0.140	0.12	0.12	0.100	0.080	0.07	0.07	0.030	0.030	0.020	0.02	0.00											
8	0.380	0.290	0.230	0.19	0.330	0.250	0.200	0.17	0.280	0.220	0.170	0.14	0.150	0.120	0.10	0.10	0.090	0.070	0.06	0.06	0.030	0.020	0.020	0.02	0.00											
9	0.350	0.260	0.200	0.16	0.310	0.230	0.180	0.14	0.260	0.190	0.150	0.13	0.130	0.110	0.09	0.09	0.080	0.060	0.05	0.05	0.030	0.020	0.020	0.02	0.00											
10	0.330	0.230	0.180	0.14	0.280	0.210	0.160	0.13	0.240	0.180	0.140	0.11	0.120	0.100	0.08	0.08	0.070	0.060	0.05	0.05	0.020	0.020	0.020	0.02	0.00											

LUMINAIRE INPUT WATTS = 120.0

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.