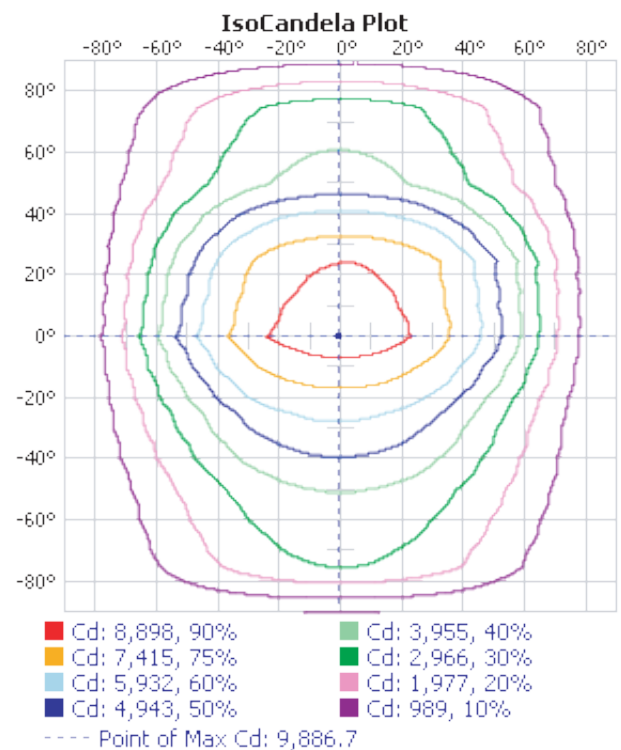
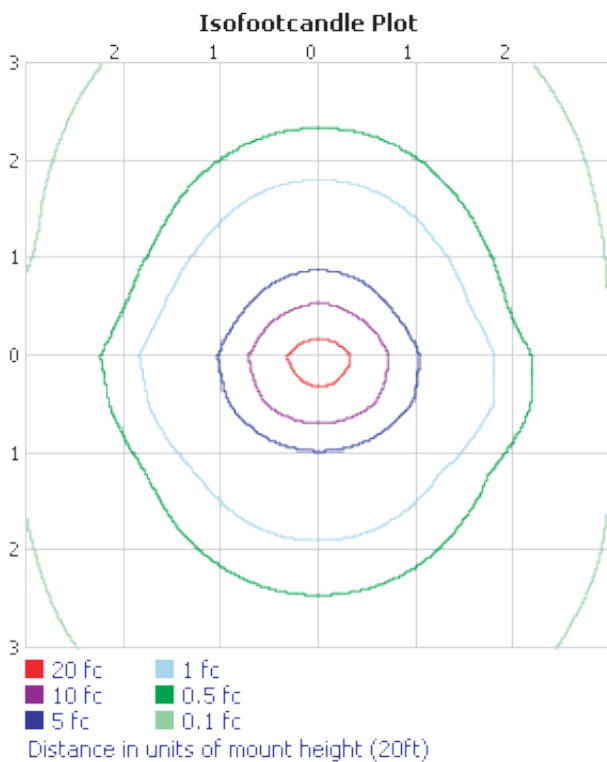
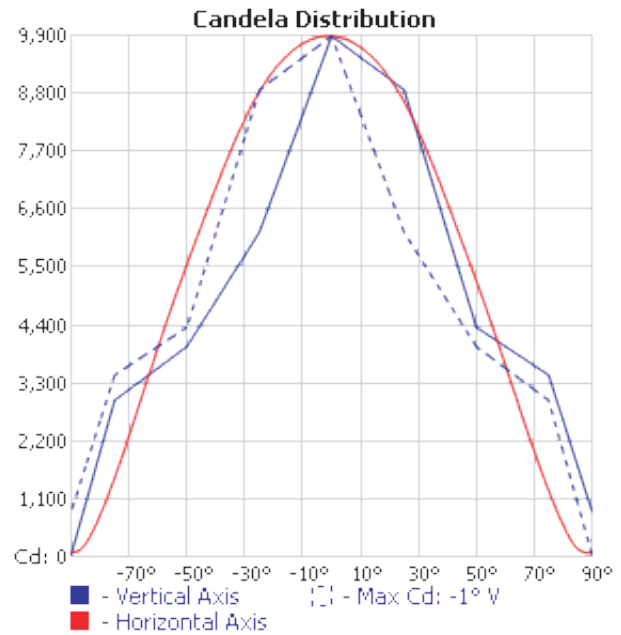
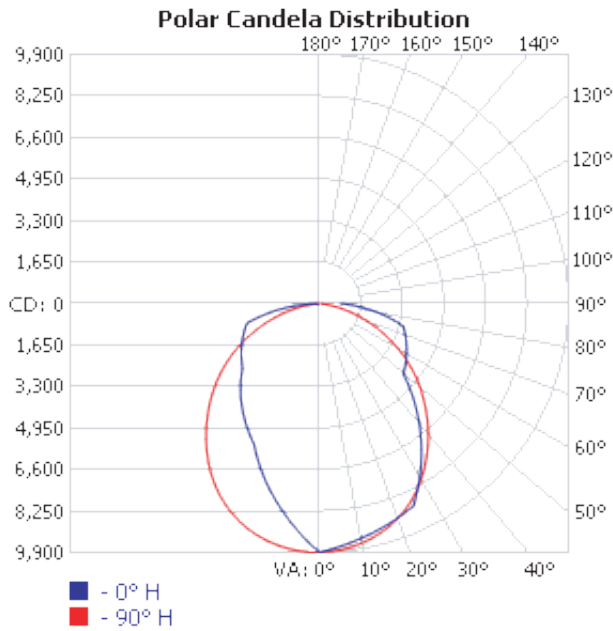


INDOOR PHOTOMETRIC REPORT

CATALOG: 54988

MANUFACTURER: P.Q.L,INC.
 ISSUE DATE: 2013-07-06
 LUMINAIRE: 54988
 LAMP: T5HO 54W
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 26400
 INPUT WATTAGE: 362.9
 LUMINOUS OPENING: RECTANGLE (L: 47.24", W: 16.93")
 CIE CLASS: DIRECT
 MAX CD: 9,886.7 AT HORIZONTAL: -1°, VERTICAL: 0°
 SPACING CRITERION: @ 0 = 1.2 / @ 90 = 1.23
 EFFICIENCY: 94.2%



INDOOR PHOTOMETRIC REPORT
 CATALOG: 54988

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	6,991.8	26.5%	28.1%
0-40	11,138.9	42.2%	44.8%
0-60	18,686.5	70.8%	75.1%
60-90	6,188.5	23.4%	24.9%
0-90	24,875.0	94.2%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	900.9	3.6%
10-20	2,476.7	10.0%
20-30	3,614.2	14.5%
30-40	4,147.1	16.7%
40-50	4,034.9	16.2%
50-60	3,512.7	14.1%
60-70	2,928.3	11.8%
70-80	2,249.0	9.0%
80-90	1,011.2	4.1%

AVERAGE LUMINANCE (CD/M2)

	0	35	70	105	140	175	210	245	280	315	350
0	1780	1780	1780	1780	1780	1780	1780	1780	1780	1780	1780
45	1340	1443	1574	1274	1114	1127	1134	1193	1550	1480	1347
55	1312	1187	1521	1053	1073	1188	1106	1071	1403	1262	1301
65	1625	1362	1245	858	1161	1437	1284	954	1272	1262	1608
75	2401	1895	908	746	1486	2061	1748	904	938	1682	2368
85	3565	2880	1418	585	1779	2101	1948	1220	777	2569	3497

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.12	1.12	1.12	1.12	1.10	1.10	1.10	.94	1.05	1.05	1.05	1.00	1.00	1.00	.96	.96	.96	.94
1	1.01	.96	.92	.88	.99	.94	.90	.78	.90	.87	.84	.87	.84	.81	.83	.81	.79	.77
2	.92	.84	.77	.71	.89	.82	.76	.65	.79	.73	.69	.75	.71	.67	.73	.69	.66	.63
3	.84	.74	.66	.59	.81	.72	.65	.55	.69	.63	.58	.67	.61	.57	.64	.60	.56	.53
4	.77	.65	.57	.50	.75	.64	.56	.48	.62	.55	.49	.59	.53	.49	.57	.52	.48	.46
5	.71	.58	.50	.43	.69	.57	.49	.42	.55	.48	.43	.53	.47	.42	.52	.46	.42	.40
6	.65	.53	.44	.38	.64	.52	.44	.37	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
7	.61	.48	.40	.34	.59	.47	.39	.33	.46	.39	.33	.44	.38	.33	.43	.37	.33	.31
8	.57	.44	.36	.30	.55	.43	.36	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28
9	.53	.40	.33	.27	.52	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25
10	.50	.37	.30	.25	.49	.37	.30	.24	.36	.29	.25	.35	.29	.25	.34	.29	.24	.23

INDOOR PHOTOMETRIC REPORT
 CATALOG: 54988

CANDELA TABLE - TYPE B

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	133	140	155	251	391	526	650	754	829	865	858	765	637	496	351	222	149	136	129	
80	131	212	548	952	1377	1781	2131	2392	2546	2588	2535	2349	2058	1695	1285	862	471	167	126	
70	126	291	822	1416	2012	2567	3041	3387	3583	3631	3551	3314	2934	2445	1882	1284	700	214	121	
60	118	376	977	1643	2294	2886	3380	3737	3941	3995	3905	3661	3266	2747	2142	1486	834	277	113	
50	110	462	1133	1870	2576	3204	3719	4087	4299	4359	4260	4008	3598	3049	2402	1689	969	341	105	
40	105	529	1439	2471	3457	4390	5192	5747	6060	6165	6059	5738	5165	4336	3395	2383	1337	433	101	
30	100	596	1746	3072	4338	5576	6664	7407	7821	7971	7858	7468	6733	5624	4388	3078	1706	525	96	
20	94	662	1980	3494	4934	6338	7582	8437	8910	9076	8941	8485	7629	6359	4956	3470	1913	577	91	
10	88	728	2141	3739	5245	6676	7945	8837	9327	9481	9308	8788	7855	6543	5100	3560	1960	590	85	
0	81	793	2302	3983	5556	7013	8307	9238	9744	9886	9675	9092	8081	6727	5243	3650	2007	603	80	
-10	72	691	1993	3429	4766	6015	7111	7877	8288	8395	8210	7716	6869	5714	4433	3075	1684	512	73	
-20	62	589	1684	2875	3975	5017	5914	6516	6831	6904	6745	6340	5657	4701	3623	2500	1361	421	66	
-30	56	490	1403	2394	3313	4184	4921	5410	5667	5726	5592	5259	4703	3916	3012	2074	1130	353	60	
-40	52	394	1151	1986	2779	3515	4133	4559	4797	4860	4752	4472	4008	3358	2601	1798	992	308	55	
-50	48	298	898	1578	2246	2846	3344	3708	3926	3995	3912	3685	3313	2801	2190	1522	853	263	51	
-60	46	215	739	1345	1948	2501	2970	3319	3525	3586	3509	3286	2923	2439	1875	1268	671	181	48	
-70	43	133	580	1113	1650	2155	2595	2930	3124	3177	3106	2886	2532	2077	1559	1014	488	98	45	
-80	42	75	348	678	1015	1336	1620	1838	1963	1995	1950	1804	1572	1277	948	605	278	52	42	
-90	41	42	41	41	41	42	42	42	41	41	41	41	41	41	41	41	41	41	42	40