



PREMIUM QUALITY LIGHTING

83120

LED 60W MEDIUM WALL PACK

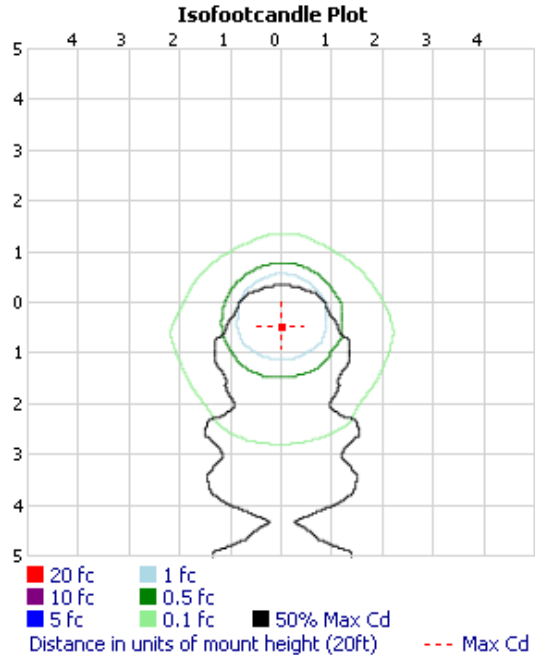
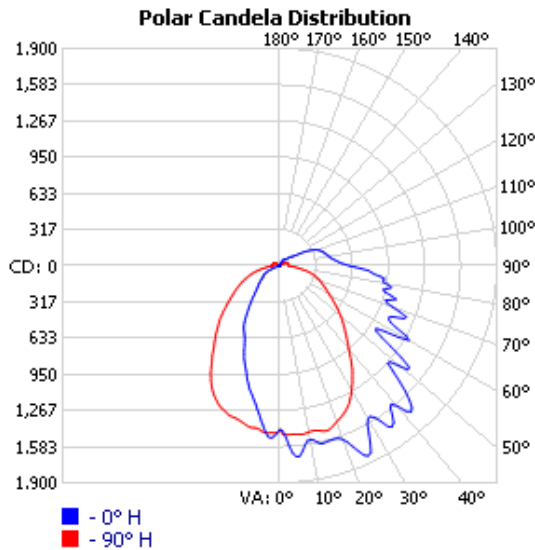
PHOTOMETRIC



• VIEW SELL SHEET

MANUFACTURER: PQL INC.
 TEST #: LCZP12080080
 LUMINAIRE: 83120
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 4655.3
 INPUT WATTAGE: 57.12
 LUMINOUS OPENING: RECTANGLE W/LUMINOUS SIDES
 (L: 11.81", W: 7.28", H: 2.17")

MAX CD: 1,833.4 AT HORIZONTAL: 0°, VERTICAL: 25°
 CUTOFF CLASS: NONCUTOFF
 ROADWAY CLASS: VERY SHORT, TYPE IV
 EFFICIENCY: 100%



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,102.4	23.7%	23.7%
0-40	1,754.0	37.7%	37.7%
0-60	2,962.9	63.6%	63.6%
60-90	1,188.0	25.5%	25.5%
70-100	881.2	18.9%	18.9%
90-120	411.6	8.8%	8.8%
0-90	4,150.8	89.2%	89.2%
90-180	504.3	10.8%	10.8%
0-180	4,655.1	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	143.1	3.1%	90-100	181.9	3.9%
10-20	388.5	8.3%	100-110	135.5	2.9%
20-30	570.8	12.3%	110-120	94.2	2%
30-40	651.6	14.0%	120-130	48.0	1%
40-50	645.7	13.9%	130-140	24.2	0.5%
50-60	563.2	12.1%	140-150	12.6	0.3%
60-70	488.7	10.5%	150-160	5.0	0.1%
70-80	397.4	8.5%	160-170	2.0	0%
80-90	301.9	6.5%	170-180	0.8	0%



Color & Finish - The color be customized (dark bronze, black, white, gray, brown etc.); the housing can be coated in matt, shiny, sanding finish or polyester powdercoated.
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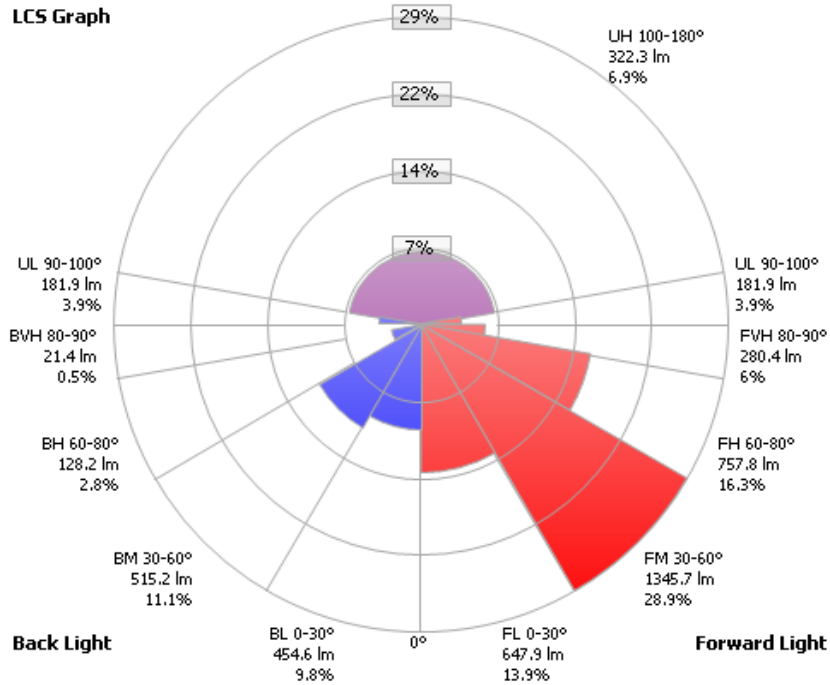
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	TYPE IV, VERY SHORT	
MAX CD, 90 DEG VERT:	613.1	
MAX CD, 80 TO <90 DEG:	966.8	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	3,031.8	65.1%
DOWNWARD HOUSE SIDE:	1,119.3	24%
DOWNWARD TOTAL:	4,151.1	89.2%
UPWARD STREET SIDE:	459.2	9.9%
UPWARD HOUSE SIDE:	45.0	1%
UPWARD TOTAL:	504.2	10.8%
TOTAL LUMENS:	4,655.3	100%

LCS TABLE

BUG RATING	B1 - U3 - G3	
FORWARD LIGHT	LUMEN	LUMENS %
LOW(0-30):	647.9	13.9%
MEDIUM(30-60):	1,345.7	28.9%
HIGH(60-80):	757.8	16.3%
VERY HIGH(80-90):	280.4	6%
BACK LIGHT		
LOW(0-30):	454.6	9.8%
MEDIUM(30-60):	515.2	11.1%
HIGH(60-80):	128.2	2.8%
VERY HIGH(80-90):	21.4	0.5%
UPLIGHT		
LOW(90-100):	181.9	3.9%
HIGH(100-180):	322.3	6.9%
TRAPPED LIGHT:	0	0%

LCS Graph



Scale = Max LCS %
 Trapped Light: 0lm, 0%



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• VIEW SELL SHEET

CANDELA TABLE - TYPE C

	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330
0	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433	1433
5	1677	1674	1660	1634	1591	1535	1478	1394	1445	1494	1487	1472	1458	1456	1470	1488	1484	1433	1465	1514	1573	1615	1645
10	1544	1538	1547	1597	1638	1610	1475	1371	1428	1344	1278	1242	1226	1229	1275	1350	1440	1430	1437	1592	1641	1563	1517
15	1593	1582	1587	1522	1509	1593	1498	1349	1332	1169	1101	1088	1065	1075	1117	1171	1301	1383	1395	1582	1494	1513	1576
20	1617	1602	1549	1536	1512	1480	1454	1263	1136	1046	957	915	901	909	960	1024	1141	1310	1366	1450	1446	1511	1552
25	1833	1813	1649	1527	1432	1381	1383	1163	989	897	816	753	730	750	814	896	997	1203	1306	1353	1412	1465	1636
30	1543	1559	1701	1563	1370	1311	1255	1029	863	747	668	633	631	636	659	750	859	1068	1197	1281	1350	1513	1680
35	1715	1672	1488	1524	1306	1173	1106	872	728	617	559	520	499	518	559	617	725	917	1039	1166	1290	1529	1426
40	1605	1555	1553	1272	1243	1007	937	722	600	503	446	399	371	391	446	502	608	773	893	1036	1218	1273	1539
45	1556	1503	1402	1337	1137	892	808	602	489	399	339	300	285	292	335	403	491	641	774	924	1175	1301	1400
50	1363	1272	1227	1126	954	789	699	504	392	301	254	245	234	235	245	302	393	518	660	823	1001	1168	1298
55	1087	1130	1125	975	949	698	596	419	308	223	193	195	189	186	187	220	305	415	549	731	912	989	1139
60	1302	1163	954	887	805	676	500	348	230	160	150	159	161	151	145	158	225	339	461	651	851	955	965
65	1061	999	868	807	697	644	429	269	166	118	111	119	123	115	108	118	161	262	383	636	690	747	896
70	1045	1015	972	626	614	544	370	192	121	89	72	64	62	62	71	88	116	188	313	538	598	638	947
75	1013	1004	853	599	514	500	309	134	94	55	28	14	11	13	27	53	88	130	245	471	498	602	837
80	967	915	746	563	438	417	225	92	65	31	13	7	7	7	13	31	64	89	167	387	442	578	746
85	827	797	640	494	394	327	140	67	52	26	12	8	8	8	12	26	53	65	103	318	383	505	658
90	613	582	475	381	316	207	84	61	47	22	10	8	9	8	10	23	48	59	65	217	333	398	495
95	499	468	382	277	214	134	73	59	40	17	9	8	8	8	9	18	40	57	63	134	239	292	388
100	445	425	339	240	159	110	75	55	32	14	8	8	8	8	8	14	31	54	67	97	161	241	341
105	412	397	319	215	143	105	75	48	24	11	7	8	8	8	7	11	24	46	65	94	133	207	316
110	383	358	283	187	127	95	68	38	18	9	7	7	8	7	7	9	18	37	60	90	122	178	280
115	332	301	228	150	103	80	57	29	13	7	6	7	7	7	7	7	13	29	52	80	105	149	223
120	239	218	167	114	84	61	44	21	10	5	5	6	6	6	5	6	10	21	42	66	88	114	165
125	150	145	118	91	72	42	32	13	6	4	5	5	5	5	5	4	7	15	29	48	77	93	120
130	122	112	98	78	54	29	22	8	4	3	3	4	4	4	3	3	4	10	19	33	60	80	95
135	87	83	79	66	37	17	13	5	3	3	3	3	3	3	3	3	6	11	21	42	69	79	
140	74	71	68	52	21	10	8	3	3	3	3	3	3	3	3	3	4	7	13	26	56	66	
145	70	68	59	35	7	7	5	3	4	4	4	4	4	4	4	4	4	4	5	8	9	39	60
150	56	51	39	18	5	5	5	4	4	5	5	5	5	5	5	5	5	4	4	6	6	21	41
155	36	32	20	5	6	6	6	5	5	5	5	6	6	5	6	5	5	5	5	6	5	5	22
160	11	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
165	7	8	7	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7
170	8	8	8	8	8	9	9	8	8	8	8	8	8	8	8	8	7	7	7	9	8	8	8
175	9	9	9	9	9	9	10	8	9	9	9	9	9	9	9	9	9	8	8	9	9	9	9
180	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9



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