



PREMIUM QUALITY LIGHTING

83152

LED 60W MEDIUM WALL PACK

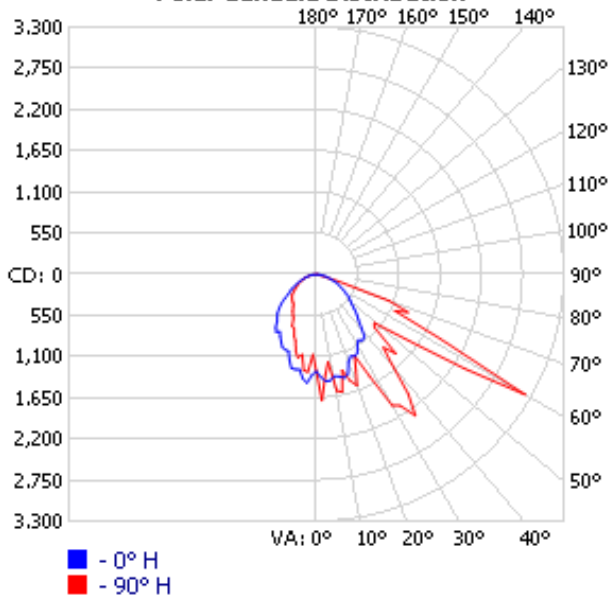
PHOTOMETRIC



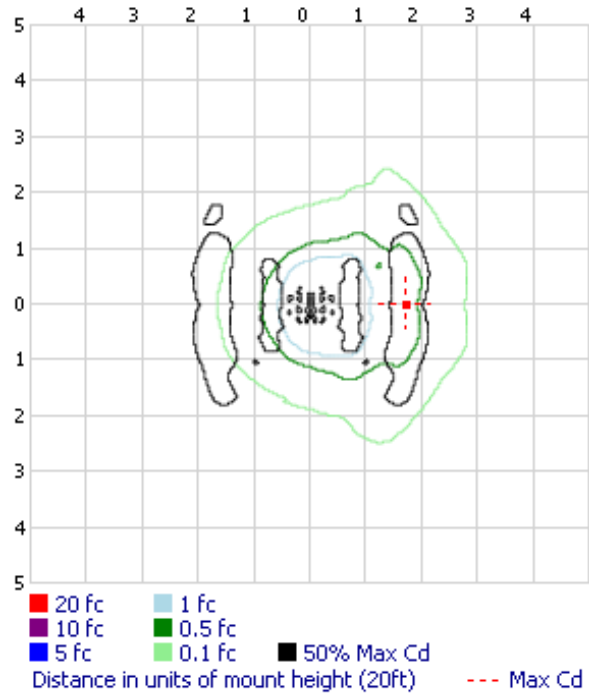
• VIEW SELL SHEET

MANUFACTURER: PQL. INC.
 TEST #: 1
 LUMINAIRE: 83152
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 4329.3
 LUMINOUS OPENING: POINT
 MAX CD: 3,214.0 AT HORIZONTAL: 90°, VERTICAL: 60°
 CUTOFF CLASS: CUTOFF
 ROADWAY CLASS: SHORT, TYPE III
 EFFICIENCY: 99.1%

Polar Candela Distribution



Isofootcandle Plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,041.6	24.1%	24.3%
0-40	1,750.2	40.4%	40.8%
0-60	3,205.8	74%	74.7%
60-90	1,085.1	25.1%	25.3%
0-90	4,290.9	99.1%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	130.9	3.1%
10-20	376.3	8.8%
20-30	534.4	12.5%
30-40	708.6	16.5%
40-50	730.3	17.0%
50-60	725.3	16.9%
60-70	769.5	17.9%
70-80	280.5	6.5%
80-90	35.0	0.8%



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CONSORTIUM

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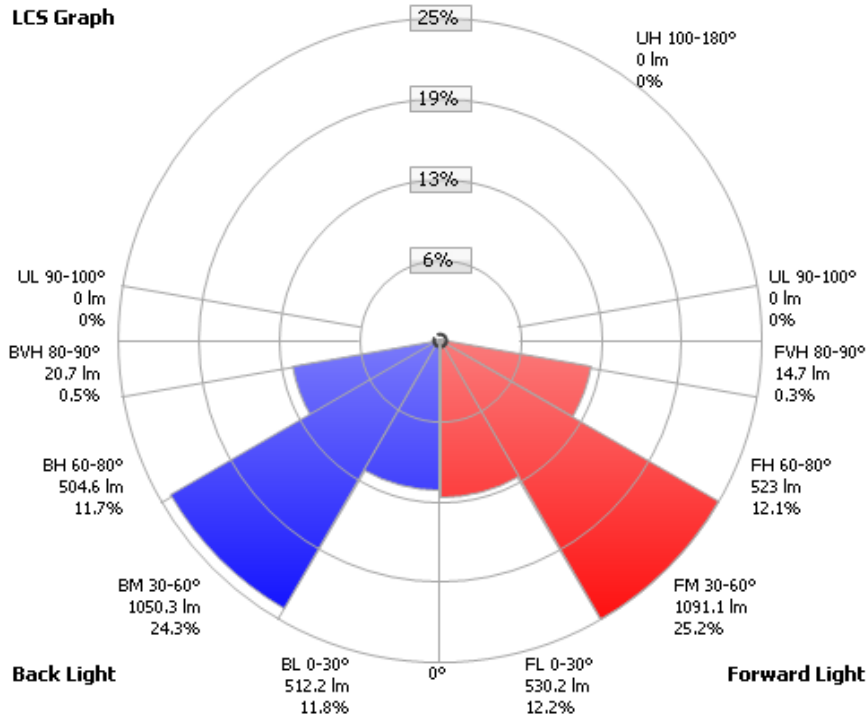
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE III SHORT	
MAX CD, 90 DEG VERT:	19.5	
MAX CD, 80 TO <90 DEG:	392.3	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	2,158.9	49.9%
DOWNWARD HOUSE SIDE:	2,087.8	48.2%
DOWNWARD TOTAL:	4,246.7	98.1%
TOTAL LUMENS:	4,246.7	98.1%

LCS TABLE

BUG RATING	B2 - UX - G2	
FORWARD LIGHT	LUMEN	LUMENS %
LOW(0-30):	530.2	12.2%
MEDIUM(30-60):	1,091.1	25.2%
HIGH(60-80):	523.0	12.1%
VERY HIGH(80-90):	14.7	0.3%
BACK LIGHT		
LOW(0-30):	512.2	11.8%
MEDIUM(30-60):	1,050.3	24.3%
HIGH(60-80):	504.6	11.7%
VERY HIGH(80-90):	20.7	0.5%
TRAPPED LIGHT:	82.6	1.9%

LCS Graph



Scale = Max LCS %

Trapped Light: 82.6lm, 1.9%



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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	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	1295
5	1435	1528	1791	1767	1591	1620	1357	1528	1372	1538	1623	1642	1457	1165	1148	1396	1279	1316	1311	1379	1257	1211	1138
10	1379	1754	1521	1282	1406	1365	1586	1338	1535	1189	1306	1806	1291	1153	1377	1243	1204	1067	1089	1140	1231	1340	1257
15	1430	1733	1177	1516	1652	1569	1326	1457	1618	1723	1238	1508	1296	1313	1255	1121	1272	1050	1065	1092	1199	1165	1408
20	1250	1533	1618	1645	1416	1618	1581	1676	1555	1462	1681	1304	1089	1206	1092	1036	931	892	872	887	958	1128	1082
25	1211	1240	1530	1377	1562	1399	1199	1389	1447	1423	1401	1082	1075	1072	1094	846	777	780	768	760	846	860	1075
30	1092	1138	1328	1482	1374	1672	2022	1820	1321	1433	1194	1087	965	924	921	712	687	626	624	626	714	755	962
35	1072	1077	1148	1284	2242	2239	2305	2220	2083	1167	1194	1053	938	882	763	621	590	536	541	536	604	658	799
40	936	1106	1272	1552	2020	2003	1567	2049	2064	1589	1206	1053	811	721	643	531	507	480	490	487	524	551	692
45	765	926	1262	2074	1581	1418	1499	1396	1552	1937	1143	870	736	616	543	465	458	448	456	453	470	478	568
50	614	843	1165	1491	1277	1038	1009	1094	1316	1482	992	755	614	497	453	407	419	407	417	409	429	412	468
55	529	697	1382	1676	1097	1309	1652	1313	1001	1438	1067	655	458	397	380	358	373	344	348	344	375	356	380
60	414	602	1065	1084	2152	2641	3214	2578	1852	1031	1133	504	363	314	314	307	322	280	292	283	314	297	305
65	319	468	999	2047	1769	1659	1155	1711	1759	1428	1131	392	275	239	253	249	253	227	239	224	253	239	241
70	234	456	1194	953	885	1311	1036	1316	980	1101	1121	307	197	175	197	188	195	171	185	166	190	171	183
75	151	704	283	553	210	219	56	256	300	504	348	334	134	117	141	127	141	115	129	107	129	122	122
80	83	224	90	78	41	41	22	41	46	132	141	392	80	66	80	63	80	54	71	46	68	46	63
85	34	44	22	27	17	19	12	19	19	37	32	80	34	19	29	12	22	7	17	5	17	2	15
90	5	10	7	12	7	10	10	10	10	15	12	19	2	0	2	0	2	0	2	0	2	2	



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