



PREMIUM QUALITY LIGHTING

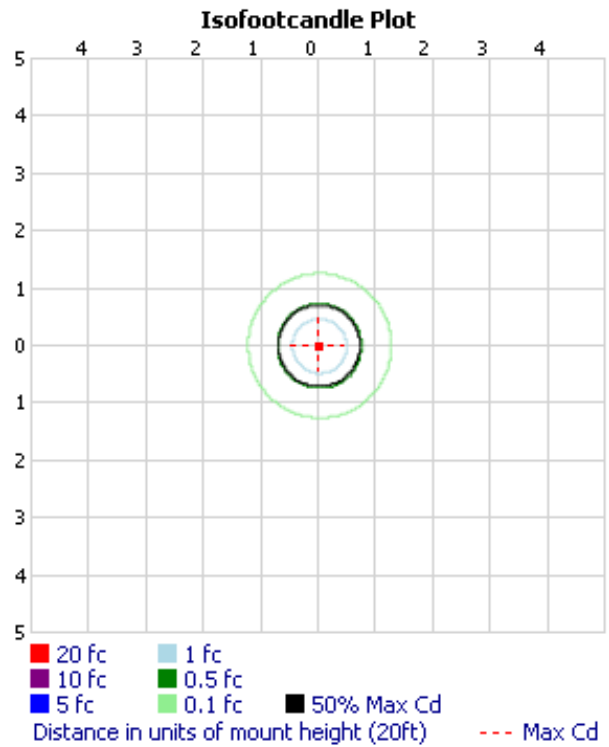
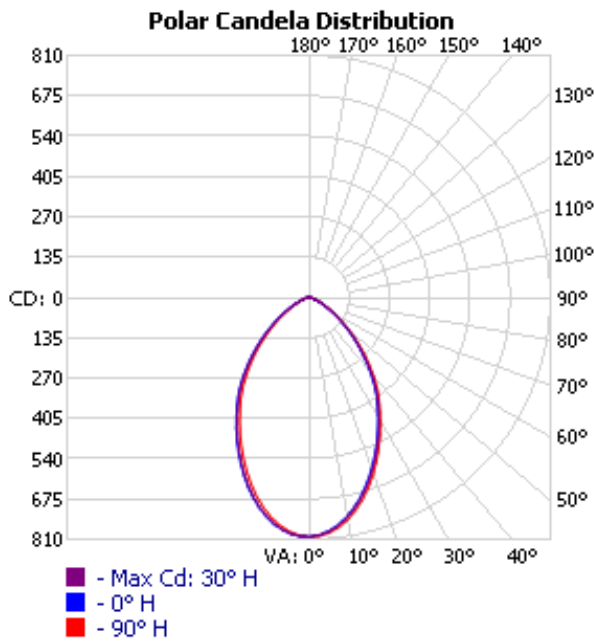
# LED 5/6" RETROFIT CAN

15W / 120V  
PHOTOMETRIC



• VIEW SELL SHEET

MANUFACTURER: PQL, INC.  
 TEST #: 1  
 LUMINAIRE: 90905, 90908  
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 1153.7  
 INPUT WATTAGE: 14.3  
 LUMINOUS OPENING: POINT  
 MAX CD: 801.9 AT HORIZONTAL: 30°, VERTICAL: 0°  
 CUTOFF CLASS: CUTOFF  
 ROADWAY CLASS: TYPE VS  
 EFFICIENCY: 100%



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	518.6	45%	45%
0-40	769.0	6.7%	66.7%
0-60	1,076.1	93.3%	93.3%
60-90	77.6	6.7%	6.7%
70-100	26.8	2.3%	2.3%
90-120	0.0	0%	0%
0-90	1,153.7	100%	100%
90-180	0.0	0%	0%
0-180	1,153.7	100%	100%

### LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	73.9	6.4%	90-100	0.0	0%
10-20	193.5	16.8%	100-110	0	0%
20-30	251.3	21.8%	110-120	0	0%
30-40	250.3	21.7%	120-130	0	0%
40-50	194.0	16.8%	130-140	0	0%
50-60	113.1	9.8%	140-150	0	0%
60-70	50.8	4.4%	150-160	0	0%
70-80	19.8	1.7%	160-170	0	0%
80-90	7.0	0.6%	170-180	0	0%



Note: Energy Star® items are certified at the time of production.  
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## ROADWAY SUMMARY

CUTOFF CLASSIFICATION: CUTOFF  
DISTRIBUTION: TYPE VS  
MAX CD, 90 DEG VERT: 0.8  
MAX CD, 80 TO <90 DEG: 14.0

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	565.9	49%
DOWNWARD HOUSE SIDE:	587.8	51%
DOWNWARD TOTAL:	1,153.7	100%
UPWARD STREET SIDE:	0	0%
UPWARD HOUSE SIDE:	0	0%
UPWARD TOTAL:	0	0%
<b>TOTAL LUMENS:</b>	<b>1,153.7</b>	<b>100%</b>

## LCS TABLE

### BUG RATING

#### FORWARD LIGHT

	LUMEN	LUMENS %
LOW(0-30):	256.5	22.2%
MEDIUM(30-60):	271.3	23.5%
HIGH(60-80):	34.7	3%
VERY HIGH(80-90):	3.3	0.3%

#### BACK LIGHT

	LUMEN	LUMENS %
LOW(0-30):	262.3	22.7%
MEDIUM(30-60):	286.0	24.8%
HIGH(60-80):	35.9	3.1%
VERY HIGH(80-90):	3.7	0.3%

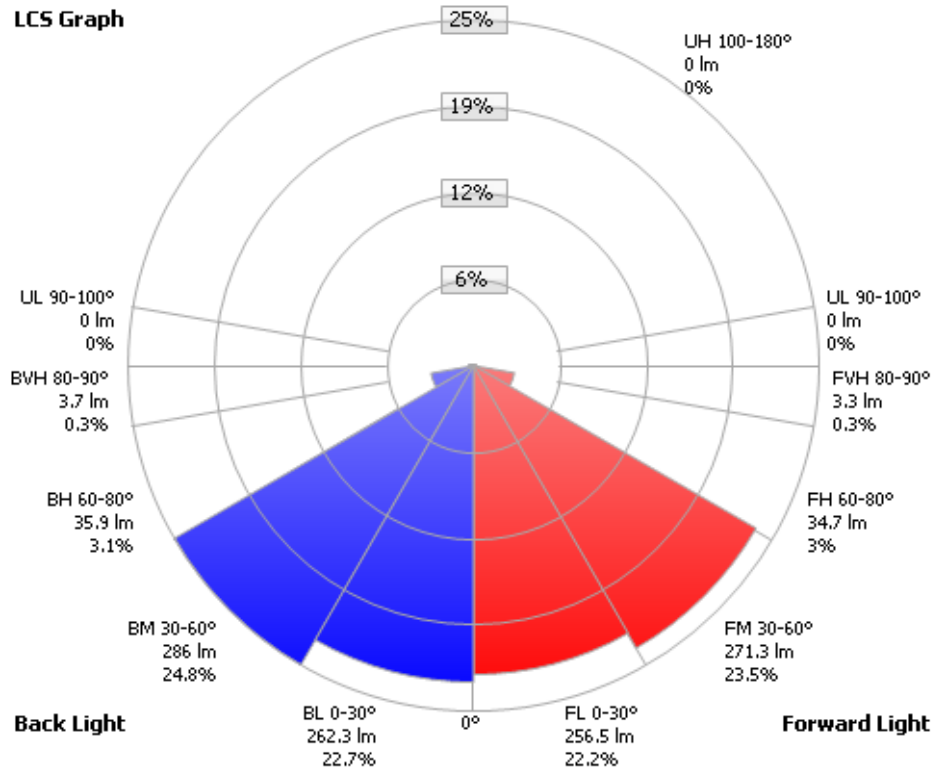
#### UPLIGHT

LOW(90-100):	0	0%
HIGH(100-180):	0	0%

#### TRAPPED LIGHT:

### B1 - U0 - G0

LCS Graph



Scale = Max LCS %

☉ Trapped Light: 0lm, 0%



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CANDELA TABLE - TYPE C

	0	20	40	60	80	90	110	130	150	170	180	200	220	240	260	280	300	320	340	360
0	800	800	801	802	801	799	802	800	799	801	800	800	801	801	801	799	801	800	800	800
5	784	782	783	785	785	785	787	787	789	791	791	790	792	792	791	791	792	792	790	791
10	742	741	743	744	746	749	748	751	752	754	755	755	757	757	757	758	758	759	756	755
15	681	684	686	687	689	690	692	694	694	698	700	699	701	702	702	704	703	703	702	700
20	611	614	617	618	621	620	623	623	625	630	631	631	633	633	635	636	635	635	637	633
25	538	540	542	543	545	546	548	550	551	554	556	556	558	560	561	562	562	562	562	560
30	464	465	467	469	470	472	473	476	477	479	481	481	483	485	487	487	488	488	487	486
35	393	394	397	399	400	402	403	404	405	408	409	410	412	414	416	416	417	417	415	414
40	315	318	321	323	325	326	328	329	329	333	335	336	338	340	342	342	343	342	341	339
45	242	244	246	248	250	250	252	253	254	257	258	260	262	263	265	265	266	265	265	263
50	175	177	178	180	181	182	183	184	185	188	189	190	192	194	195	195	195	195	194	193
55	120	121	122	122	123	124	125	126	127	129	130	132	133	134	135	136	135	135	134	133
60	77	78	79	79	80	80	81	82	82	84	85	86	87	87	87	87	87	87	86	85
65	49	49	50	50	51	51	52	52	53	53	53	54	54	54	54	54	53	53	52	51
70	29	30	30	31	31	32	32	32	33	33	33	33	33	33	33	32	32	31	31	30
75	18	18	18	18	18	18	19	19	19	19	19	19	19	18	18	18	17	17	17	16
80	13	13	13	13	14	14	14	14	14	14	14	14	14	13	13	13	13	12	12	12
85	6	6	6	7	7	7	7	8	8	8	8	8	8	8	8	8	7	7	7	7
90	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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