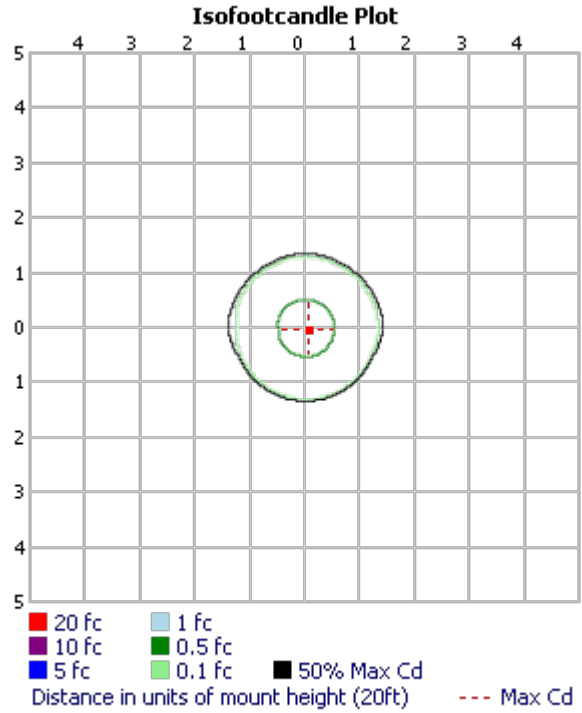
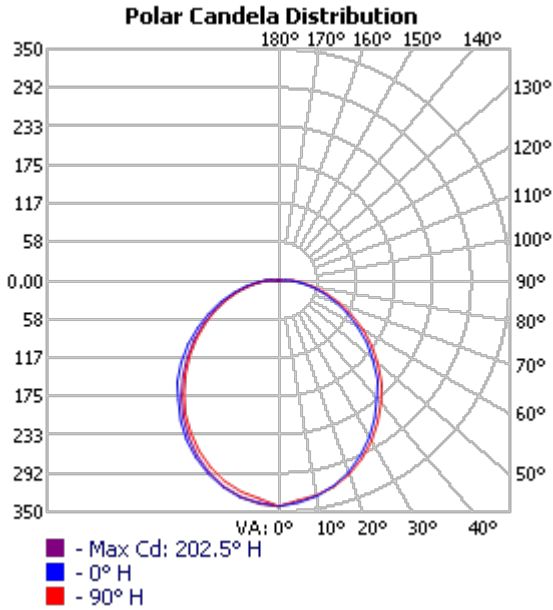


CATALOG: LDL2-6-15-120D-930-WH.IES

MANUFACTURER:
 DESCRIPTION:
 LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 966.9
 INPUT WATTAGE: 15.271
 LUMINOUS OPENING: POINT
 MAX CD: 345.6 AT HORIZONTAL: 202.5°, VERTICAL: 5°
 CUTOFF CLASS: CUTOFF
 ROADWAY CLASS: TYPE VS
 EFFICIENCY: 99.9%



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	259.8	26.9%	26.9%
0-40	420.8	43.5%	43.6%
0-60	730.4	75.5%	75.6%
60-90	224.3	23.2%	23.2%
70-100	120.3	12.4%	12.5%
90-120	9.6	1%	1%
0-90	954.8	98.7%	98.9%
90-180	11.0	1.1%	1.1%
0-180	965.8	99.9%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	32.1	3.3%	90-100	8.9	0.9%
10-20	91.4	9.5%	100-110	0.5	0%
20-30	136.3	14.1%	110-120	0.3	0%
30-40	161.1	16.7%	120-130	0.3	0%
40-50	163.8	17.0%	130-140	0.3	0%
50-60	145.8	15.1%	140-150	0.3	0%
60-70	112.9	11.7%	150-160	0.3	0%
70-80	73.7	7.6%	160-170	0.2	0%
80-90	37.7	3.9%	170-180	0.1	0%

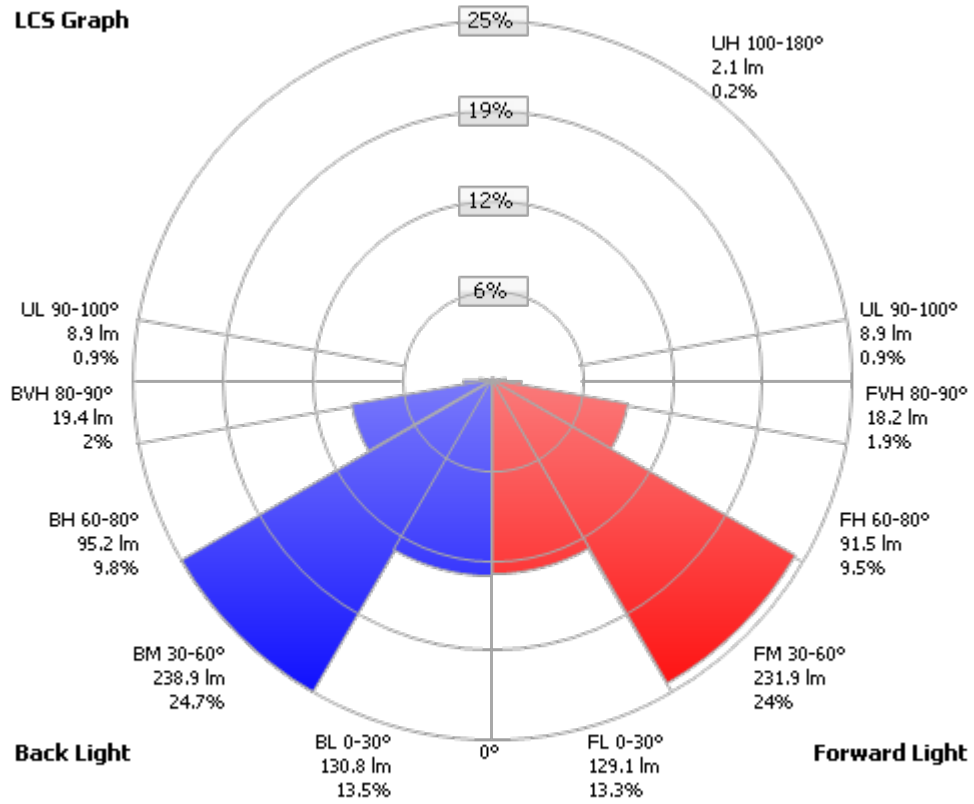
ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF	
DISTRIBUTION:	TYPE VS	
MAX CD, 90 DEG VERT:	23.2	
MAX CD, 80 TO <90 DEG:	54.3	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	470.7	48.7%
DOWNWARD HOUSE SIDE:	484.5	50.1%
DOWNWARD TOTAL:	955.2	98.8%
UPWARD STREET SIDE:	5.7	0.6%
UPWARD HOUSE SIDE:	5.3	0.6%
UPWARD TOTAL:	11.0	1.1%
TOTAL LUMENS:	966.2	99.9%

LCS TABLE

BUG RATING	B1 - U1 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	129.1	13.3%
MEDIUM(30-60):	231.9	24%
HIGH(60-80):	91.5	9.5%
VERY HIGH(80-90):	18.2	1.9%
BACK LIGHT		
LOW(0-30):	130.8	13.5%
MEDIUM(30-60):	238.9	24.7%
HIGH(60-80):	95.2	9.8%
VERY HIGH(80-90):	19.4	2%
UPLIGHT		
LOW(90-100):	8.9	0.9%
HIGH(100-180):	2.1	0.2%
TRAPPED LIGHT:	0.7	0.1%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0.7lm, 0.1%

CANDELA TABLE - TYPE C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	341	341	341	341	341	341	341	341	341	341	341	341	341	341	341	341	341
5	337	342	341	342	334	341	340	338	337	346	343	343	331	339	337	338	337
10	331	333	336	335	329	337	336	333	333	339	337	337	324	332	331	331	331
15	321	326	326	326	322	329	327	326	323	331	328	329	314	322	321	321	321
20	309	314	314	313	312	317	315	314	311	317	316	316	301	308	309	308	309
25	292	296	297	298	297	303	300	298	296	302	300	301	284	292	292	291	292
30	274	280	279	276	281	285	283	280	279	283	284	283	266	272	273	273	274
35	253	258	258	259	261	265	262	260	258	264	261	263	246	252	252	253	253
40	231	236	235	235	241	243	240	238	236	240	239	241	223	229	231	231	231
45	212	212	212	211	220	220	217	214	217	217	215	217	199	205	207	208	212
50	186	187	188	187	196	195	192	189	193	192	191	192	175	180	181	183	186
55	163	162	162	163	172	169	167	164	167	166	166	167	151	156	157	158	163
60	137	137	138	137	147	143	142	140	141	140	141	141	127	132	133	134	137
65	113	114	113	113	121	119	117	115	117	116	116	116	105	108	109	111	113
70	90	90	91	90	98	95	93	91	93	92	93	93	82	86	87	88	90
75	69	69	69	69	75	73	72	70	70	70	71	71	63	66	66	67	69
80	49	49	49	50	54	53	52	51	51	51	52	52	45	47	48	48	49
85	33	33	33	33	37	36	35	34	35	34	35	35	30	31	32	32	33
90	20	20	20	20	23	23	22	22	22	22	22	22	19	19	20	20	20
95	11	10	3.34	0.63	0	0	4.59	11	11	11	6.68	0.21	0	0.42	5.85	10	11
100	0.21	0.42	0.63	1.04	4.39	1.25	1.04	0	0	0	0.21	1.04	1.88	0.63	0.42	0.21	0.21
105	0.42	0.63	0.63	0.63	0	0	0.21	0.21	0.21	0.21	0.21	0	0.21	0.63	0.42	0.63	0.42
110	0.21	0.42	0.63	0.42	0	0	0	0	0	0.21	0	0	0.42	0.21	0.63	0.42	0.21
115	0.42	0.42	0.42	0.42	0.21	0	0	0	0	0	0	0.21	0.21	0.63	0.63	0.42	0.42
120	0.42	0.42	0.42	0.63	0.21	0.42	0.21	0	0.21	0	0.21	0.21	0.21	0.42	0.42	0.63	0.42
125	0.42	0.42	0.63	0.42	0.21	0.21	0.21	0	0.21	0	0.21	0	0.21	0.42	0.63	0.42	0.42
130	0.42	0.63	0.63	0.63	0.21	0.21	0.21	0	0.21	0.21	0	0.21	0.21	0.63	0.42	0.42	0.42
135	0.63	0.63	0.63	0.63	0.42	0.21	0.42	0.21	0.42	0	0.42	0.21	0.21	0.42	0.42	0.63	0.63
140	0.63	0.63	0.63	0.84	0	0.42	0.42	0.42	0.42	0.21	0.42	0.42	0.21	0.42	0.63	0.84	0.63
145	0.42	0.63	0.63	0.84	0.21	0.42	0.63	0.21	0.42	0.42	0.42	0.42	0.21	0.63	0.63	0.84	0.42
150	0.63	0.63	0.63	0.63	0.63	0.63	0.21	0.42	0.42	0.42	0.63	0.21	0.42	0.63	0.84	0.84	0.63
155	0.84	0.63	0.63	0.63	0.42	0.63	0.63	0.63	0.21	0.42	0.84	0.42	0.42	0.84	0.63	0.63	0.84
160	0.63	0.84	0.63	0.63	0.42	0.42	0.63	0.63	0.21	0.84	0.42	0.42	0.42	0.84	0.84	0.42	0.63
165	0.63	0.84	0.63	0.63	0.63	0.63	0.63	0.42	0.42	0.42	0.42	0.42	0.42	0.84	0.63	0.42	0.63
170	0.63	0.63	0.42	0.84	0.63	0.42	0.63	0.63	0.63	0.63	0.63	0.42	0.42	0.63	0.63	0.63	0.63
175	0.84	0.63	0.84	0.63	0.42	0.63	0.42	0.63	0.63	0.63	0.63	0.63	0.21	0.84	0.42	0.63	0.84
180	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6