



LUMEN LOCATION SUMMARY			LUMINAIRE LOCATION SUMMARY		
LUM. NO.	LABEL	MTG. HT.	LUM. NO.	LABEL	MTG. HT.
1	A1	20.5	38	D1	9
2	B1	20.5	39	D1	9
3	B3	20.5	40	D1	9
4	B1	20.5	41	D1	9
5	B1	20.5	42	D1	9
6	B1	20.5	43	D1	9
7	B1	20.5	44	D1	9
8	B3	20.5	45	D1	9
9	B3	20.5	46	D1	9
10	C2	17.11	47	D1	9
11	C2	17.11	48	D1	9
12	C2	17.11	49	D1	9
13	C2	17.11	50	D1	9
14	C2	21.53	51	D1	9
15	C2	21.53	52	D1	9
16	C2	21.53	53	D1	9
17	C2	21.53	54	D1	9
18	C2	21.53	55	D1	9
19	C2	21.53	56	D1	9
20	C2	17.11	57	D1	9
21	C2	17.11	58	D1	9
22	C2	19.32	59	D1	9
23	C2	17.11	60	D1	9
24	C2	17.11	61	D1	9
25	C2	19.32	62	D2	13.5
26	C2	19.32	63	D2	13.5
27	C2	19.32	64	S1	9
28	C2	19.32	65	S1	9
29	C2	19.32	66	S2	8.5
30	C2	19.32	67	S2	8.5
31	C2	21.53	68	W1	15
32	C2	17.11	69	W2	15
33	C2	17.11	70	W2	15
34	D1	9	71	W2	15
35	D1	9	72	W1	15
36	D1	9	73	W1	8
37	D1	13.5			

NOTE:
 - FOOTCANDLE LEVELS CALCULATED AT GRADE USING PREDICTED LUMEN VALUES AFTER 25K HOURS OF OPERATION
 - ALL AREA LIGHTS ON 20 FT. POLES MOUNTED ON 6 IN. CONCRETE BASES
 - ALL CONCRETE BASES TO BE LOCATED 5 FT. BEHIND CURB

FOOTCANDLE CALCULATION SUMMARY					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
CANOPY	33.34	53	13	2.56	4.08
DELIVERY	5.99	8.7	4.1	1.46	2.12
ENTRANCES & EXITS	4.10	7.9	0.9	4.56	8.78
PAVED	2.96	8.8	0.2	14.75	44.00
UNDEFINED	0.77	26.1	0.0	N.A.	N.A.

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ILLUMINATION LEVELS ARE THE RESULT OF REQUESTS BY OTHERS
 RED LEONARD ASSOCIATES IS NOT RESPONSIBLE
 FOR INCIDENTS CAUSED BY INSUFFICIENT LIGHTING
 AND DOES NOT RECOMMEND THESE LEVELS FOR
 SECURITY AND SAFETY REASONS

SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	ARR. WATTS	TOTAL WATTS	MANUFACTURER	DESCRIPTION
1	1	A1	SINGLE	12019	0.980	134.2	134.2	Cree Lighting	ARE-EDG-3M-DA-06-E-UL-WH-700-57K
4	4	B1	SINGLE	12678	0.960	134	536	Cree Inc.	ARE-EDG-4M-DA-06-E-UL-WH-700-57K
3	3	B3	2 @ 90 DEGREES	12678	0.980	268	804	Cree Inc.	ARE-EDG-4M-DA-06-E-UL-WH-700-57K
24	24	C2	SINGLE	13251	0.960	134	3216	CREE, INC.	CAN-304-SL-RD-06-E-UL-WH-700
28	28	D1	SINGLE	1652	1.000	27.2	761.6	Cree Inc.	KR6-20L-35K-120V + KR6T-SSGC-FF
2	2	D2	SINGLE	980	1.000	19.5	39	USA ILLUMINATION	DL2 3230-10-2-LRTA4-8320-C1-30-NC-120V-
2	2	S1	SINGLE	2011	1.000	46.9	93.8	SCOTT ARCHITECTURAL LIGHTING	WC1 SCOTT S9131-L23-35K-BS
2	2	S2	SINGLE	2011	1.000	46.9	93.8	SCOTT ARCHITECTURAL LIGHTING	WC1 SCOTT S9131-L23-35K-BS
3	3	W1	SINGLE	4210	0.960	43	129	CREE, INC.	SEC-EDG-3M-WM-04-E-UL-WH-350
3	3	W2	SINGLE	7593	0.960	92	276	CREE, INC.	SEC-EDG-4M-WM-04-E-UL-WH-700-57K

REV	BY	DATE	DESCRIPTION
R1	LMP	11/01/16	REMOVED AREA FIXTURES FROM LANDSCAPE ISLANDS. REVISED PER UPDATED SITE PLAN
R2	LMP	01/25/17	REVISED PER UPDATED SITE PLAN
R3	LMP	07/18/18	REVISED PER UPDATED SITE PLAN & ADDED WALL FIXTURE TO DUMPSTER ENCLOSURE
R4	LMP	09/04/18	REVISED PER COMMENTS

PROJECT NAME: **WAWA OCALA, FL**
 DRAWING NUMBER: **RL-4154-S1-R4**

SCALE: 1" = 30'
 DATE: 11/04/16
 LAYOUT BY: LMP
 DRAWN BY: D