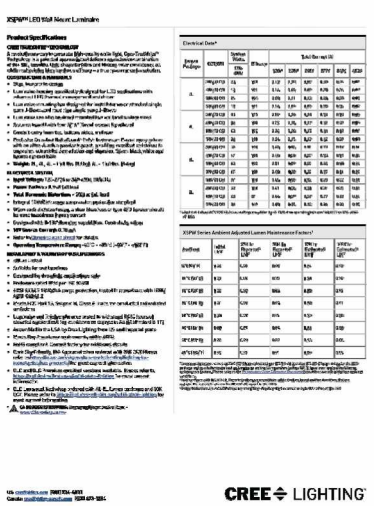
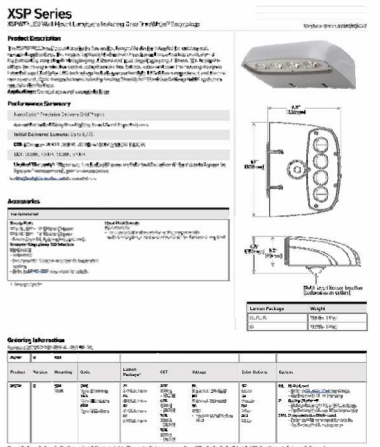
	QTY	LABEL	DESCRIPTION
WALL MOUNTED	5	WP1	XSPW-B-WM-3ME-8L-40K-UL-XX
	4	WP2	XSPW-B-WM-4ME-8L-40K-UL-XX

ADDITIONAL FIXTURE INFO



CREE LIGHTING

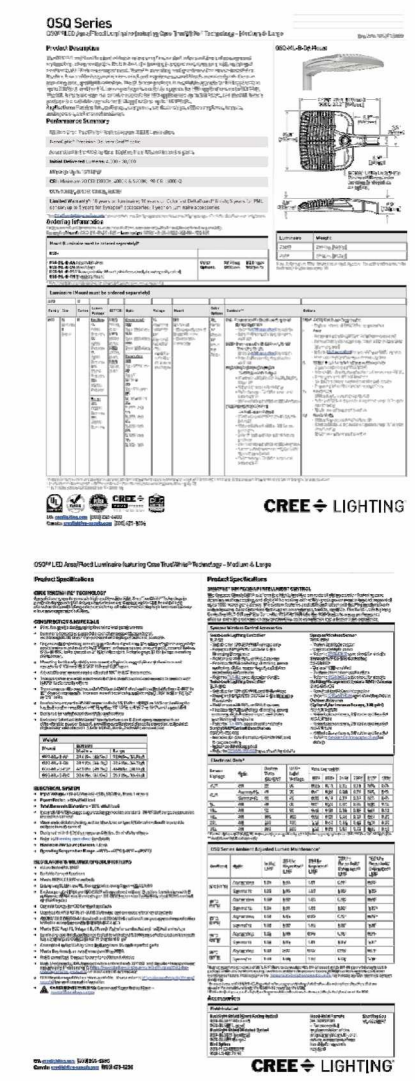
ADDITIONAL FIXTURE INFO



CREE LIGHTING

	QTY	LABEL	DESCRIPTION
AREA	1	A3	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-3M-UL-NM-XX
	5	A3B	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-3M-UL-NM-XX + OSQ-BLSMF
	2	A4B	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-4M-UL-NM-XX + OSQ-BLSMF

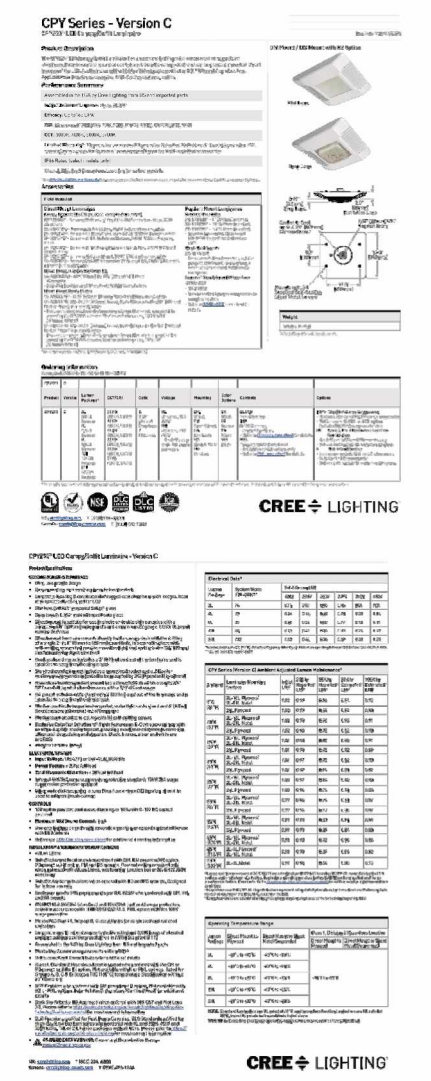
ADDITIONAL FIXTURE INFO



CREE LIGHTING

	QTY	LABEL	DESCRIPTION
CANOPY	24	C13	CPY250-C-13L-57K7-F-UL-DM-XX

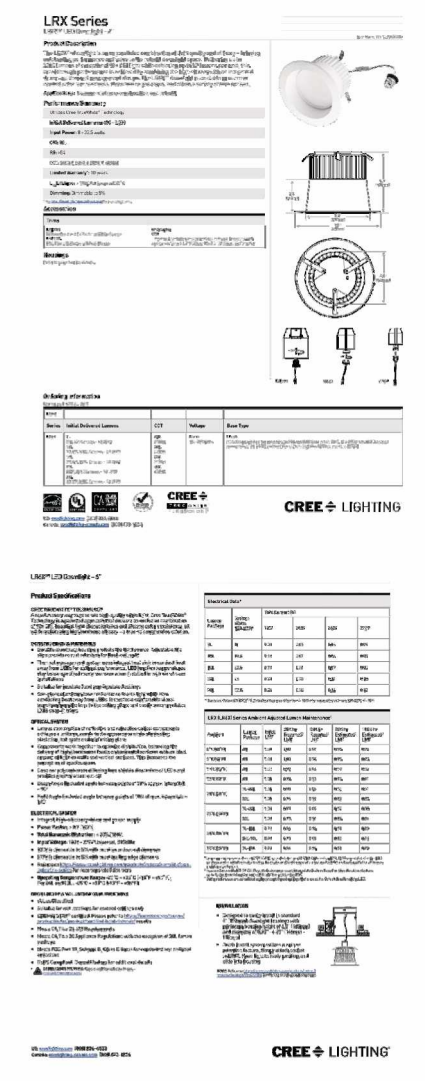
ADDITIONAL FIXTURE INFO



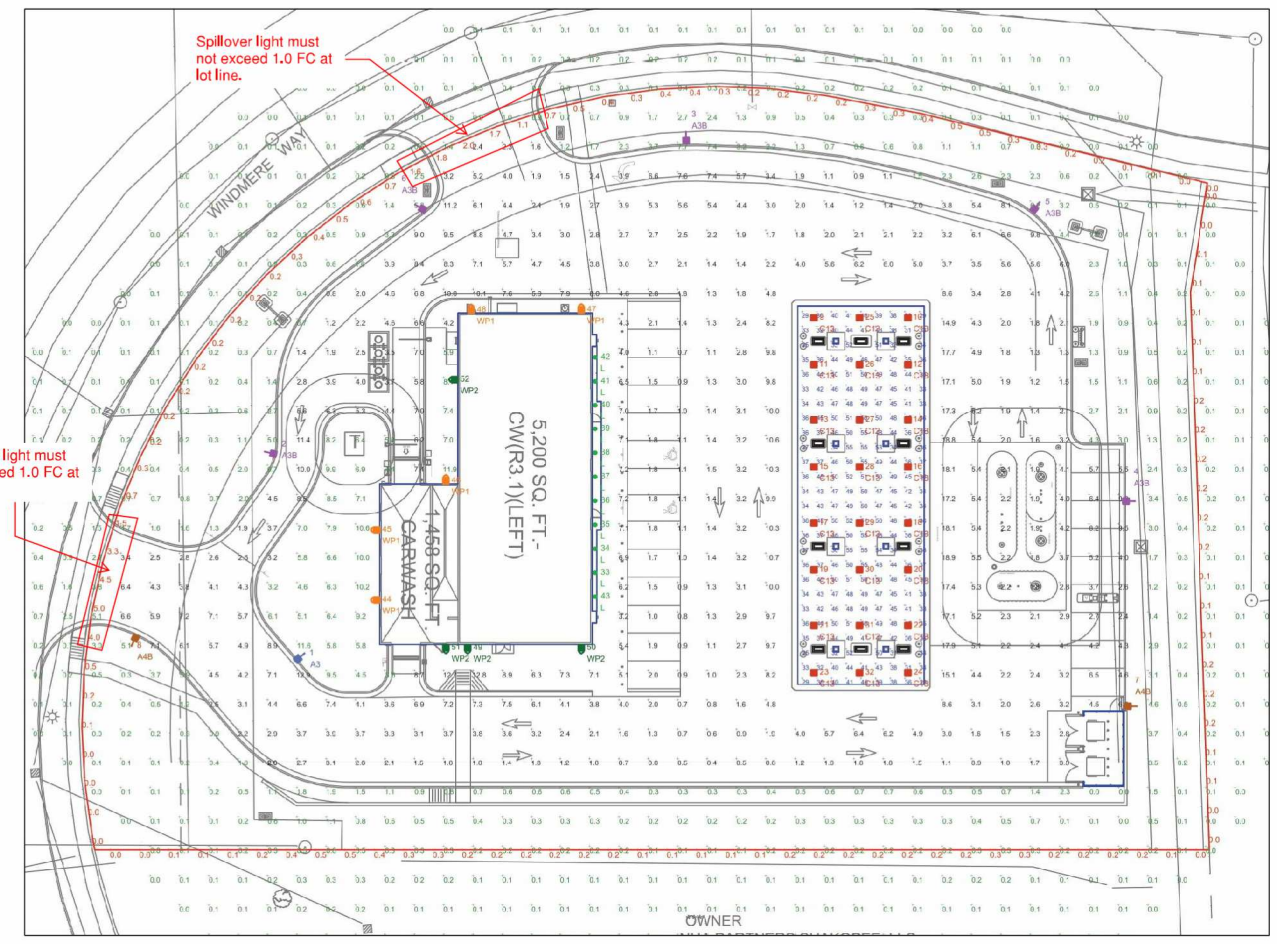
CREE LIGHTING

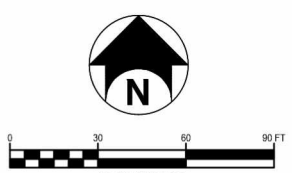
	QTY	LABEL	DESCRIPTION
SOFFIT	11	L	LR6X-18L-40K-120W

ADDITIONAL FIXTURE INFO



CREE LIGHTING





LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A3	18
2	A3B	18
3	A3B	18
4	A3B	18
5	A3B	18
6	A3B	18
7	A4B	18
8	A4B	18
9	C13	15.5
10	C13	15.5
11	C13	15.5
12	C13	15.5
13	C13	15.5
14	C13	15.5
15	C13	15.5
16	C13	15.5
17	C13	15.5
18	C13	15.5
19	C13	15.5
20	C13	15.5
21	C13	15.5
22	C13	15.5
23	C13	15.5
24	C13	15.5
25	C13	15.5
26	C13	15.5
27	C13	15.5
28	C13	15.5
29	C13	15.5
30	C13	15.5
31	C13	15.5
32	C13	15.5
33	L	12
34	L	12
35	L	12
36	L	12
37	L	12
38	L	12
39	L	12
40	L	12
41	L	12
42	L	12
43	L	12
44	WP1	14.5
45	WP1	14.5
46	WP1	14.5
47	WP1	14.5
48	WP1	14.5
49	WP2	14.5
50	WP2	14.5
51	WP2	14.5
52	WP2	14.5

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	4.38	18.9	0.4	10.95	47.25
PROEPRTY LINE	0.42	5.0	0.0	N.A.	N.A.
UNDEFINED	0.77	11.9	0.0	N.A.	N.A.
UNDER CANOPY	42.40	55	29	1.46	1.90

LUMINAIRE SCHEDULE										
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
	1	A3	Single	16100	1.040	B3-U0-G3	104	104	Cree Lighting	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-3M-UL-NM-XX
	5	A3B	Single	12699	1.040	B2-U0-G2	104	520	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-3M-UL-NM-XX + OSQ-BLSMF
	2	A4B	Single	12349	1.040	B2-U0-G2	104	208	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-57K7-4M-UL-NM-XX + OSQ-BLSMF
	24	C13	Single	14015	1.020	B3-U0-G1	86.4	2073.6	Cree Lighting	CPY250-C-13L-57K7-F-UL-DM-XX
	11	L	SINGLE	1800	1.030	B1-U0-G0	20.5	225.5	Cree Lighting	LR6X-18L-40K-120V
	5	WP1	SINGLE	8543	1.030	B2-U0-G2	70.56	352.8	Cree Inc	XSPW-B-WM-3ME-8L-40K-UL-XX
	4	WP2	Single	8873	1.030	B2-U0-G2	70.82	283.28	Cree Inc	XSPW-B-WM-4ME-8L-40K-UL-XX

REDLEONARD ASSOCIATES
1340 Kemper Meadow Dr, Forest Park, OH 45240
513-574-9500 | redleonard.com

REV.	BY	DATE	DESCRIPTION
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SCALE: 1" = 30'
LAYOUT BY: FNW
DWG SIZE: D
DATE: 4/5/23

PROJECT NAME:
CIRCLE K
SHAKOPEE, MN
DRAWING NUMBER:
RL-8745-S1

CIRCLE K

LIGHTING PLAN (BY RED LEONARD)

C140