



ILLUMINATION LEVELS ARE THE RESULT OF CONDITIONS OR 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

- NOTES:
- ALL AREA LIGHTS ON NEW 15 FT. POLE MOUNTED ON 3 FT. CONCRETE BASE
 - ALL LUMINAIRES HAVE ZERO LUMENS ABOVE 90 DEGREES

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	2.77	9.9	0.5	5.54	19.80
UNDEFINED	0.83	9.4	0.0	N.A.	N.A.
UNDER CANOPY	15.02	20	10	1.50	2.00

LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LATF	DIMMING LUMEN MULTIPLIER	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
	3	A3B	SINGLE	8824	1.040	1.000	1.040	B1-U0-G2	72	216	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-3M-UL-NM-XX + OSQ-BLSMF
	1	A4-2	BACK-BACK	11174	1.040	1.000	1.040	B2-U0-G2	72	144	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX
	2	A4-9	2 @ 90 DEGREES	11174	1.040	1.000	1.040	B2-U0-G2	72	288	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX
	7	A4B	SINGLE	8574	1.040	1.000	1.040	B1-U0-G2	72	504	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX + OSQ-BLSMF
	28	CAN	SINGLE	10847	1.040	0.510	0.530	B3-U0-G1	44.55	1247.4	BETALED, A DIVISION OF RUUD LIGHTING	CAN-228-SL-RM-06-E-UL-XX-525-57K (SET DIAL @ 2)
	11	L	SINGLE	1800	1.040	1.000	1.040	B1-U0-G0	20.5	225.5	Cree Lighting	LR6X-18L-40K-120V
	3	WP1	SINGLE	6094	1.040	1.000	1.040	B1-U0-G2	46.95	140.85	Cree Inc	XSPW-B-WM-3ME-6L-40K-UL-XX
	10	WP2	SINGLE	6100	1.040	1.000	1.040	B2-U0-G2	47	470	Cree Inc	XSPW-B-WM-4ME-6L-40K-UL-XX

LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A3B	18
2	A3B	18
3	A3B	18
4	A4-2	18
5	A4-9	18
6	A4-9	18
7	A4B	18
8	A4B	18
9	A4B	18
10	A4B	18
11	A4B	18
12	A4B	18
13	A4B	18
14	CAN	17.5
15	CAN	17.5
16	CAN	17.5
17	CAN	17.5
18	CAN	17.5
19	CAN	17.5
20	CAN	17.5
21	CAN	17.5
22	CAN	17.5
23	CAN	17.5
24	CAN	17.5
25	CAN	17.5
26	CAN	17.5
27	CAN	17.5
28	CAN	17.5
29	CAN	17.5
30	CAN	17.5
31	CAN	17.5
32	CAN	17.5
33	CAN	17.5
34	CAN	17.5
35	CAN	17.5
36	CAN	17.5
37	CAN	17.5
38	CAN	17.5
39	CAN	17.5
40	CAN	17.5
41	CAN	17.5
42	L	12
43	L	12
44	L	12
45	L	12
46	L	12
47	L	12
48	L	12
49	L	12
50	L	12
51	L	12
52	L	12
53	WP1	14.5
54	WP1	14.5
55	WP1	14.5
56	WP2	14.5
57	WP2	14.5
58	WP2	14.5
59	WP2	14.5
60	WP2	14.5
61	WP2	14.5
62	WP2	14.5
63	WP2	14.5
64	WP2	14.5
65	WP2	14.5

REV.	BY	DATE	DESCRIPTION
R1	FNE	7/15/21	MOVED LUMINAIRE #4 AWAY FROM RETURN TANKS
R2	FNE	3/14/22	REVISED PER UPDATED SITE PLAN

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SCALE:
1" = 40'
DWG SIZE:
D

LAYOUT BY:
FNE
DATE:
6/29/21

PROJECT NAME:
CIRCLE K
FALCON, CO
DRAWING NUMBER:
RL-7499-S1-R2









