

US: creelighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234 Receptacle • Not for use with PML or pML2 options • Provides 0n/Off witching, dimming, power metering, digital sensor input, and status monitoring of luminaire • Refer to 17-VHO spec sheet for details **SimplySNAP Central Base Station CBSSW-450-0021 Base Station CBSSW-450-0021** and the som-Site Controller (SS450-0021 and • Indoor and Outdoor rated • Refer to <u>CBSSW-450-0022</u> spec sheet for details

(Optional, for increased range, 8dB gain) KIT-ANT420SM

KII-ANI4205M - Kit includes antenna, 20° cable and bracket KIT-ANT360 - Kit includes antenna, 30° cable and bracket KIT-ANT600 - Kit includes antenna 50° cable and bracket

- Kit includes antenna, 50° cable and bracket - Refer to <u>Outdoor antenna spec sheet</u> for details

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RoHS compliant. Consult factory for additional details

Dark Sky Friendly, IDA Approved when ordered with 30K CCT and dire mounts only. Please refer to <u>https://www.darksky.org/our-work/lightii</u> industry/fsa/isa-products/ for most current information

CA RESIDENTS WARNING: Cancer and Reproductive Harm -



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Listinated values are calculated and represent time durations that exceed	
INSTALLATION	
 Designed to easily install in standard 6" (152mm) downlight housings with minimum housing height of 6.5" (165mm) and diameter of 5.75" - 6.25" (146mm - 159mm) 	
 Quick install system utilizes a unique retention feature. Simply attach socket to LR6X. Move light to ready position and slide into housing 	
NOTE: Reference https://www.creelighting.com/products/indoor/ retrofit-downlights/trz-series for detailed installation instructions	

Ambient	Package	LMF	Reported ² LMF	Reported ² LMF	Estimated ³ LMF	Estimated ³ LMF
0°C (32°F)	All	1.03	1.00	0.97	0.95	0.93
5°C (41°F)	All	1.03	1.00	0.97	0.95	0.93
10°C (50°F)	All	1.02	0.99	0.96	0.94	0.92
15°C (59°F)	All	1.01	0.98	0.95	0.93	0.91
20°C (68°F)	7L-24L	1.01	0.98	0.95	0.93	0.91
20 C (68 F)	30L	1.01	0.96	0.92	0.89	0.85
25°C (77°F)	7L-24L	1.00	0.97	0.95	0.92	0.90
25 C [77 F]	30L	1.00	0.95	0.91	0.88	0.84
30°C (86°F)	7L-18L	0.99	0.96	0.94	0.91	0.89
30 C (86 F)	24L-30L	0.99	0.93	0.88	0.83	0.79
35°C (95°F)	7L-18L	0.99	0.96	0.94	0.91	0.89
Umen maintenance values at 25 ¹⁶ (17 ² /F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors. In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 4 x the tested duration in the IES LM-80 report for the LED. ² Estimated values are calculated and represent time durations that are such as a calculated and represent time durations that exceed the 6x test duration of the LED.						

CREE TRUEWHITE® TECHNOLOGY A revolutionary way to generate high-guality white light, Cree TrueWhite®			Total Current (A)				
Technology is a patented approach that delivers an exclusive combination of 90+ CRI, beautiful light characteristics and lifelong color consistency, all while maintaining high luminous efficacy – a true no compromise solution.	Lumen Package	System Watts 120-277V	120V	208V	2	40V	277V
CONSTRUCTION & MATERIALS Durable aluminum housing protects the light source. Adjustable flip 	7L	8	0.08	0.05	0.	.04	0.04
clips provide robust retention for flush ceiling fit	10L	12.5	0.12	0.07	0.	.06	0.05
 Thermal management system uses integral heat sink to conduct heat away from LEDs for optimal performance. LED junction temperatures stay below specified maximum even when installed in with worst case 	18L	20.5	0.19	0.11	0.	.09	0.08
installations	24L	26	0.23	0.13	0.	.11	0.10
 Suitable for insulated and non-insulated ceilings 	30L	32.5	0.26	0.16	0	.14	0.12
 One-piece aluminum lower reflector redirects light while also 	36 32.3 0.20 0.10 0.14 0.12						
conducting heat away from LEDs. It creates a comfortable visual transition from the lens to the ceiling plane and easily accommodates LXT6 snap-in trims	* Electrical data	at 25°C (77°F). Actu	al wattage may	y differ by +/- 10	% when operatin	ig between 120-27	7V +/- 10%
OPTICAL SYSTEM	LRX (LR6X) Series Ambie	ent Adjuste	ed Lumen M	aintenance ¹	I	
 Unique combination of reflective and refractive optical components achieves a uniform, comfortable appearance while eliminating pixelation, hot spots and minimizing glare 	Ambient	Lumen Package	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Estimated ³ LMF	100K hr Estimated ³ LMF
Compared to the set of			-				

10L 12.5W, 1,050 lumens – 84 LPW 18L 20.5W, 1,800 lumens – 88 LPW

24L 26W, 2,400 lumens – 92 LPW

30L 32.5W, 3,000 lumens - 92 LPW

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Components work together to optimize distribution, balancing the delivery of high illuminance levels on horizontal surfaces with an id

univery of high illuminance levels on horizontal surfaces with an ic amount of light on walls and vertical surfaces. This increases the perception of spaciousness

Deep set polycarbonate diffusing lens shields direct view of LEDs and provides greater visual cut-off

Reference <u>https://www.creelighting.com/products/indoor/retrofit-down</u> <u>lights/lrx-series</u> for recommended dimmers

Meets CA Title 20 Appliance Regulations with the exception of 30L lumen

• Meets FCC Part 15, Subpart B, Class B limits for conducted and radiated

Operating Temperature Range: -25°C - +35°C (-13°F - +95°F); For 24L and 30L : -25°C - +30°C (-13°F - +86°F)

Integral, high-efficiency driver and power supply

Total Harmonic Distortion: < 20% (120V)

REGULATORY & VOLUNTARY QUALIFICATIONS

• Meets CA Title 24 JA8 Requirements

Suitable for wet locations for covered ceilings only

ENERGY STAR[®] certified. Please refer to <u>https://www.er</u> productfinder/product/certified-light-fixtures/ results

· RoHS Compliant. Consult factory for additional details

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

• Input Voltage: 120V - 277V Universal, 50/60Hz

120V is dimmable to 5% with most incandescent dimme

277V is dimmable to 5% with most trailing edge dimmers

US: creelighting.com (800) 236-6800

LR6X™ LED Downlight – 6"

Product Specifications

ELECTRICAL SYSTEM

cUL us Classified

Power Factor: > 0.9 [120V]

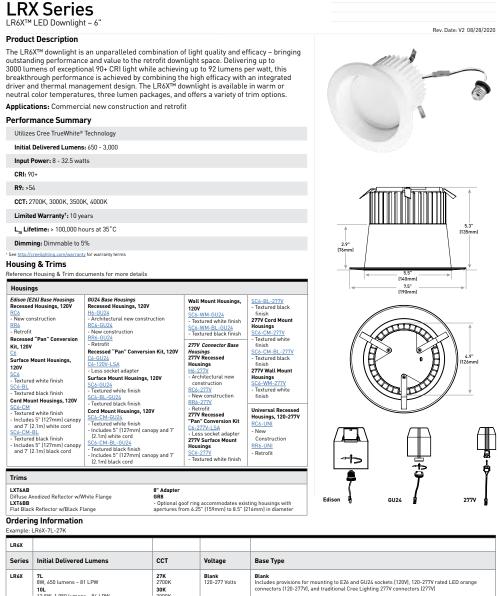
RoHS

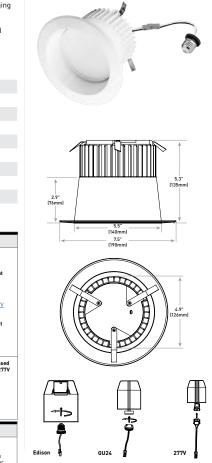
CREE ≑

TRUE WHITE

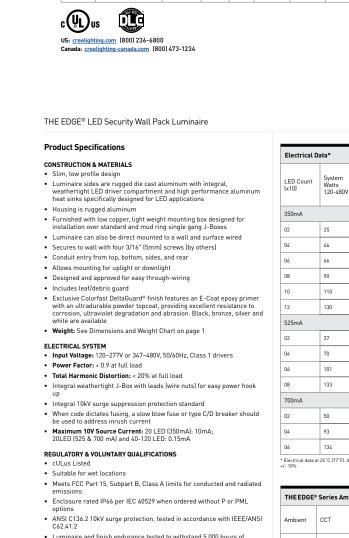
Electrical Data*







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 Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117 DLC qualified with select SKUs. Refer to <u>https://www.designlights.org/search/</u> for most current information

 Meets Buy American requirements within ARRA CA RESIDENTS WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov 06 * Electrical data at 25°C (77° F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V +/- 10% THE EDGE® Series Ambient Adjusted Lumen Mainter Initial 25K hr 51 LMF Reported² R 30K/40K/50K/57K 1.04 1.01 5°C (41°F) 1.06 1.06 TRL 30K/40K/50K/57K 1.03 1.00 0.98 TRL 1.04 1.04 30K/40K/50K/57K 1.02 0.99 1.03 1.03 TRL 30K/40K/50K/57K 1.01 0.98 0. 20°C (68°F) TRL 1.01 1.01 1.01 30K/40K/50K/57K 1.00 0.97 0.95 TRL

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1.00 1.00 intenance values at 25°C (77°F) are calculated per IES TM-21 b in fin-situ luminaire testing. Luminaire ambient temperature fact e factors. Please refer to the <u>Temperature Zone Reference Doc</u>

ons. cordance with IES TM-21, Reported values represent interpolated values based on time durations tha x the tested duration in the IES LM-80 report for the LED. ated values are calculated and represent time durations that exceed the 6x test duration of the LED.

 25
 0.21
 0.13
 0.11

 46
 0.36
 0.23
 0.21

 66
 0.52
 0.31
 0.28

 90
 0.75
 0.44
 0.38

 110
 0.92
 0.53
 0.47
 08 130 1.10 0.63 0.55 525mA 37 0.30 0.19

Electrical Data*

08

04

700mA

Mounting Count Series Voltage Color Drive (v10) Voltage Options Current Product Optic Options SEC-EDG 2M DIM 0-10V Dimming - Control by others WM 02 Wall Mount 04 UL Universal 120-277V Type II Medium 2MB 2MB Type II Medium w/BLS 2S II Short w/BLS 3M Type III Medium 3MB 3MB Type III Medium w/BLS 4M Type II Medium w/BLS 4M 4MB 525mA -Available with 20-80 LEDs UH Universal 347-480V -Available with 20-80 LEDS 700 700mA -Available with 20-60 LEDs 34 WH 347V White Type IV Medium w/BLS

CCT: 4000K (+/- 300K), 5700K (+/- 500K) standard Limited Warranty⁺: 10 years on luminaire/10 years on Colorfast DeltaGuard[®] finish nty for warranty terms Accessories Field-Installed Bird Spikes XA-BRDSPK Hand-Held Rem 2" (305mm) Square WM-PLT14** - 14" (356mm) Square - Covers holes left by incumbent wall packs programmable multi-level option, a m of one hand-held remote is required "Must specify color Ordering Information

THE EDGE[®] wall mount luminaire has a slim, low profile design. The luminaire end caps are made from rugged die cast aluminum with integral, weathertight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged aluminum. Includes a lightweight mounting box for installation over standard and mud ring single gang J-Boxes. Secures to wall with four 3/16" (Smm) screws [by others]. Conduit entry from top, bottom, sides and rear. Allows mounting the standard s

for uplight or downlight. Designed and approved for easy through-wiring. Includes leaf/debris guard.

THE EDGE[®] Series LED Security Wall Pack Luminaire Product Description

Applications: General area and security lighting

Patented NanoOptic® Product Technology

CRI: Minimum 70 CRI

Assembled in the U.S.A. of U.S. and imported parts

Performance Summary

SEC-EDG



SOFFIT 11 L LR6X-7L-30K

QTY LABEL DESCRIPTION

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PROJECT NAME: **CIRCLE K** MESA, AZ DRAWING NUMBER: RL-7391-S1-R1

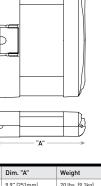


perating t	Jetween 120-2774	01 347-4004
ance1		
Chr Iorted² F	75K hr Estimated ³ LMF	100K hr Estimated LMF
	0.98	0.96
	1.06	1.06
	0.97	0.95
	1.04	1.04
	0.96	0.94
	1.03	1.03
	0.95	0.93
	1.01	1.01
	0.94	0.92
	1.00	1.00
rs (LATF)	5 LM-80 report da have been applied outdoor average n	to all lumen

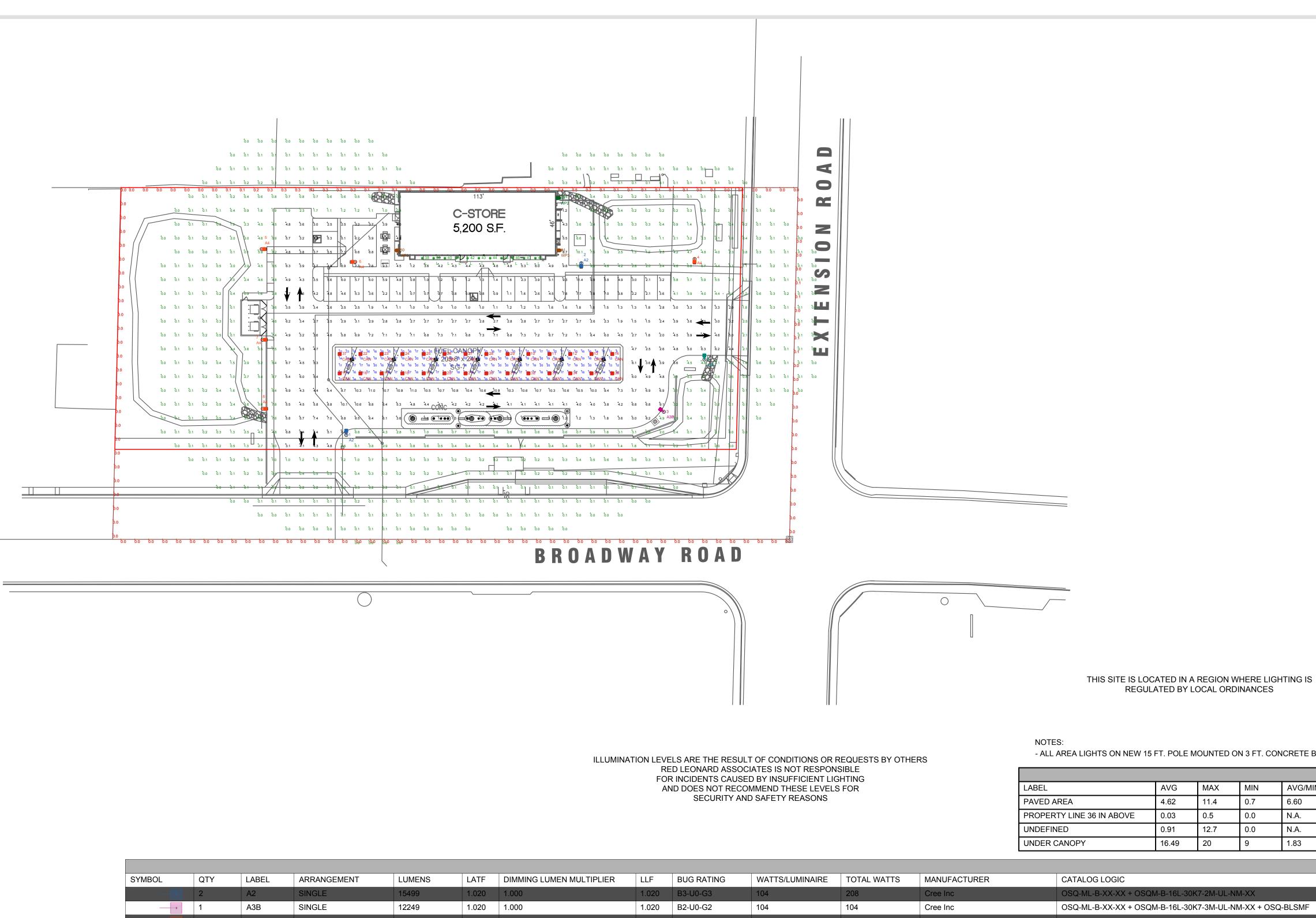
trical Da	irical Data*								
	-	Total Curr	Total Current (A)						
Count	System Watts 120-480V	120V	208V	240V	277V	347V	480V		
hΑ									
	25	0.21	0.13	0.11	0.10	0.08	0.07		
	46	0.36	0.23	0.21	0.20	0.15	0.12		
	66	0.52	0.31	0.28	0.26	0.20	0.15		
	90	0.75	0.44	0.38	0.34	0.26	0.20		
	110	0.92	0.53	0.47	0.41	0.32	0.24		
	130	1.10	0.63	0.55	0.48	0.38	0.28		
hΑ									
	37	0.30	0.19	0.17	0.16	0.12	0.10		
	70	0.58	0.34	0.31	0.28	0.21	0.16		
	101	0.84	0.49	0.43	0.38	0.30	0.22		
	133	1.13	0.66	0.58	0.51	0.39	0.28		
A									
	50	0.41	0.25	0.22	0.20	0.15	0.12		
	93	0.78	0.46	0.40	0.36	0.27	0.20		
	134	1.14	0.65	0.57	0.50	0.39	0.29		
al data at 25°C (72°E). Actual wattana may differ by / 10% when exercise between 120, 272V or 247, 490V									

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Rev. Date: V7 10/28/2020



SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LATF	DIMMING LUMEN MULTIPLIER	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
	2	A2	SINGLE	15499	1.020	1.000	1.020	B3-U0-G3	104	208	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-2M-UL-NM-XX
	1	A3B	SINGLE	12249	1.020	1.000	1.020	B2-U0-G2	104	104	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-3M-UL-NM-XX + OSQ-BLSMF
	5	A4	SINGLE	15498	1.020	1.000	1.020	B3-U0-G3	104	520	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-4M-UL-NM-XX
	1	A4B	SINGLE	11924	1.020	1.000	1.020	B2-U0-G2	104	104	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-4M-UL-NM-XX + OSQ-BLSMF
	28	CAN	SINGLE	10641	1.020	0.550	0.561	B3-U0-G1	64.68	1811.04	BETALED, A DIVISION OF RU	CAN-228-SL-RM-06-E-UL-XX-700-30K (SET DIAL @ 1)
	11	L	SINGLE	650	1.020	1.000	1.020	B1-U0-G0	7.5	82.5	Cree Lighting	LR6X-7L-30K
	1	WP2	SINGLE	1946	1.020	0.240	0.245	B1-U0-G1	5.75	5.75	Cree Inc.	SEC-EDG-4M-WM-02-E-UL-XX-350-30K-DIM (SET @ 1.1V)
	2	WP3	SINGLE	9674	1.020	1.000	1.020	B2-U0-G2	101	202	Cree Inc.	SEC-EDG-4M-WM-06-E-UL-XX-525-30K

* LUMENS ARE BASED ON CCT=5700K X .763 SCALE FACTOR FOR CCT=3000K



BY DATE FNE 6/1/21

REV.

R1

DESCRIPTION REVISED PER UPDATED SITE PLAN & POWER DENSITY REQUIREMENTS.

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1" = 40' FNE DWG SIZE: DATE: D

SCALE: LAYOUT BY: 5/14/21

PROJECT NAME: CIRCLE K MESA, AZ DRAWING NUMBER: RL-7391-S1-R1

MAX	MIN	AVG/MIN	MAX/MIN
11.4	0.7	6.60	16.29
0.5	0.0	N.A.	N.A.
12.7	0.0	N.A.	N.A.
20	9	1.83	2.22

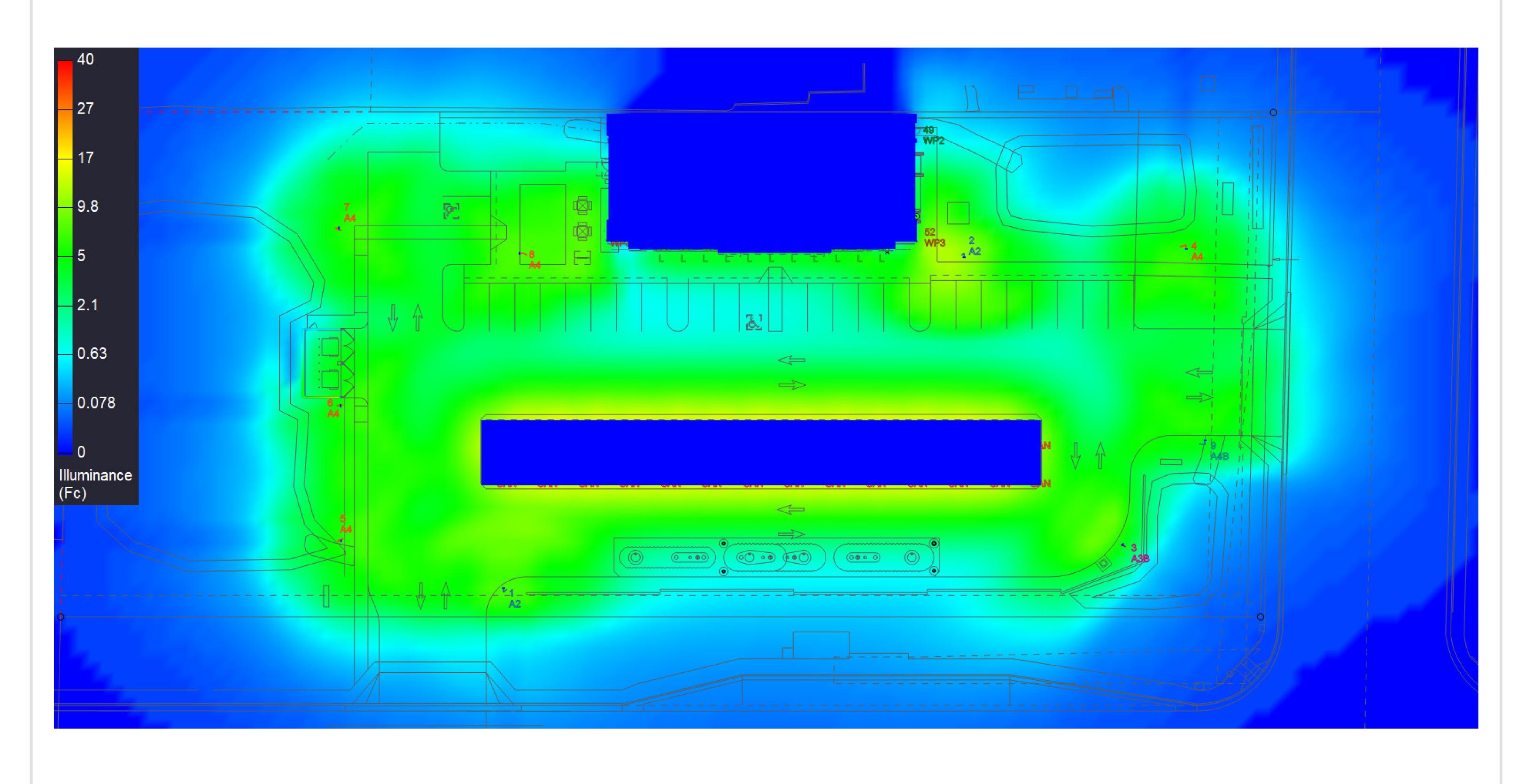
E MOUNTED	ON 3 FT.	CONCRET	E BASE

1	A2	18
2	A2	18
3	A3B	18
4	A4	18
5	A4	18
6	A4	18
7	A4	18
8	A4	18
9	A4B	18
10	CAN	17.5
11	CAN	17.5
12	CAN	17.5
13	CAN	17.5
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	L	12
39	L	12
40	L	12
41	L	12
42	L	12
43	L	12
44	L	12
45	L	12
46	L	12
47	L	12
48	L	12
49	WP2	14.5
50	WP3	14.5
51	WP3	14.5

LUM NO.

LABEL

MTG. HT.

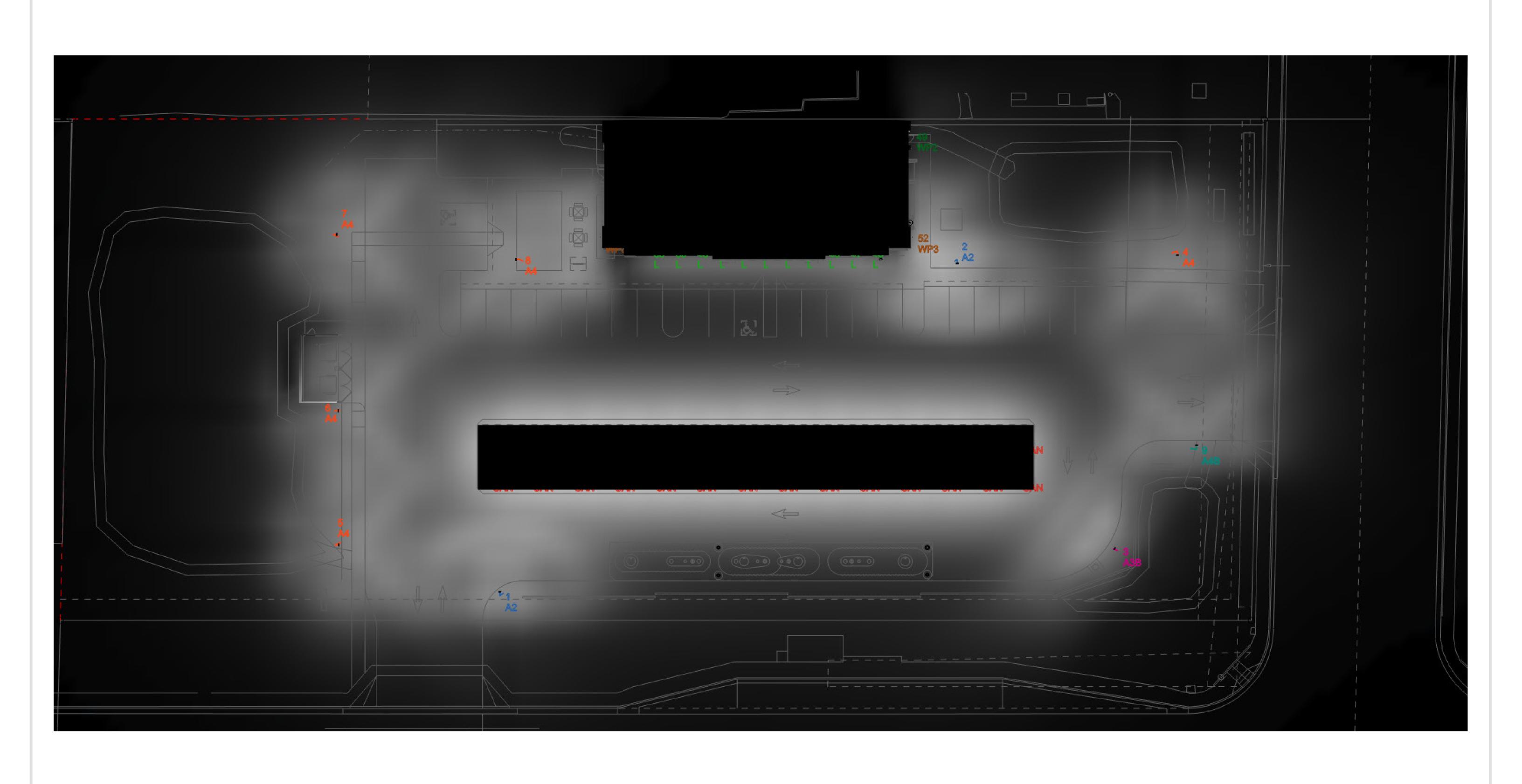




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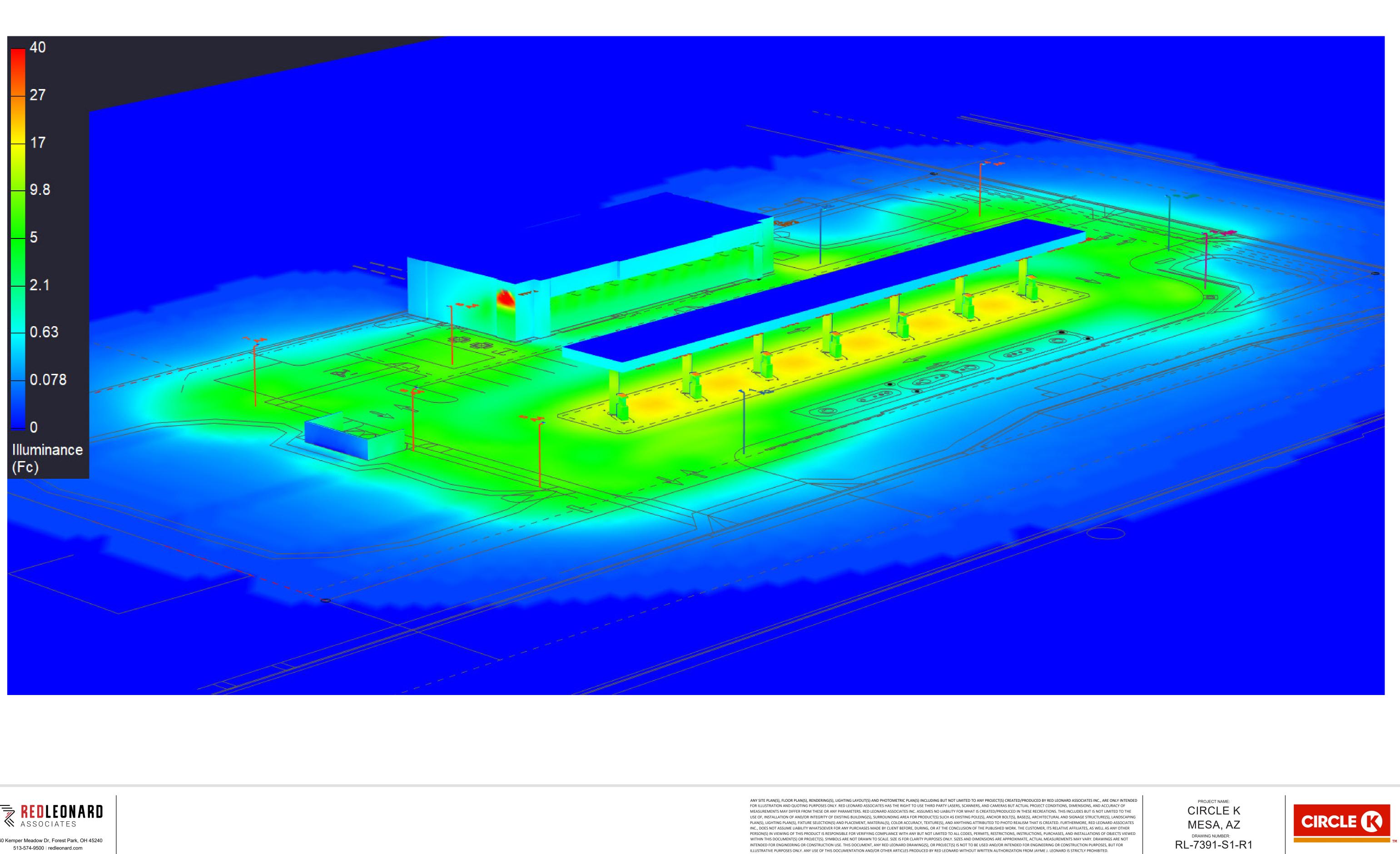




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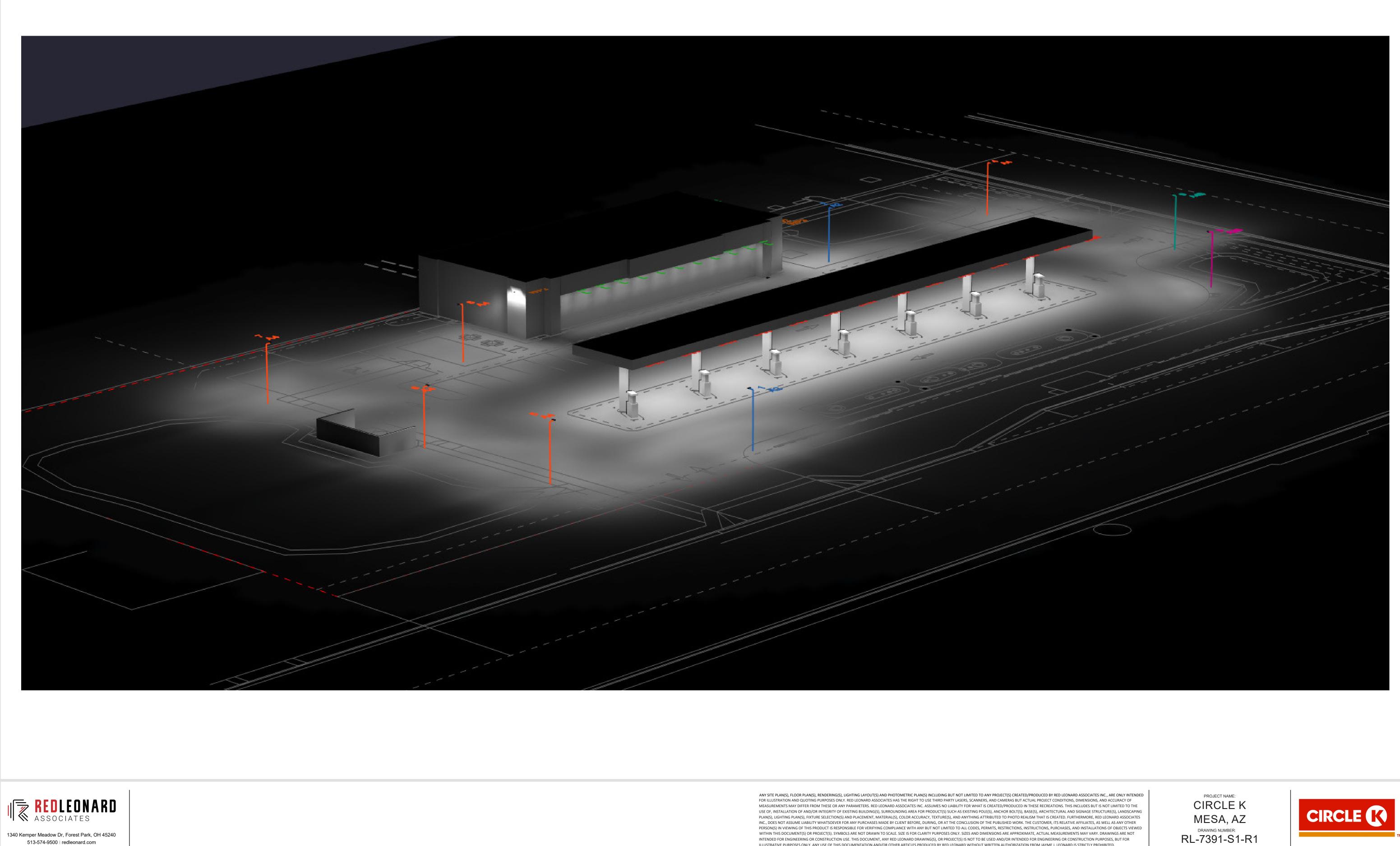
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