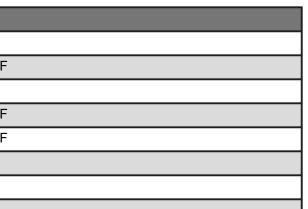
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		be     1.6     1.3     1.0       b.2     0.5     2.3     3.0     3.4     3.8     2.4     1.8     1.3     1.1	66				° \	1.3 1.9 1.7 1.4 b. b.5 b.2 1.3 1.4 1.5 1.2 (1991) b.5 b.2			
		0.1 3.7 3.3 3.2 3.3 2.4 1.5 1.1	65 D 30 30 30 30		26 B 23	3.4 , 16 D.8	0.8 1.1 1.8 3.0 3.8	2.8 1.7 1.3 1. 0.6 0.4 0.2	b.1 b.1 b.0 b.0 b.0 b.0	0.0 0.0	
	b.o b.o b.o b.o b.o b.1 b.1	0.1 2.4 3.6 3.2 3.2 3.3 2.4 1.5 1.2	61				C +25	<b>5.0 3.6 1.5 0.9 0.6 0.3 0.2</b>	1   1	0 0.0 0.0	
	ba ba ba ba ba ba b.1 b.1	b.1     b.3     b.3     3.4     3.2     4.0     2.6     1.8     1.4     1.2       b.1     b.1     b.1     b.1     1.6     1.5     1.2					36 ×1 ×2 39	32			
		0.1 0.1 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4			13 A4BT		55 to tas	52 C	Y   [ [ Y ]		
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SEPTIC		b.1 b.2 b.5 d.0 24 22 1.8 1.8 1.6 1.8								b. b. b	NORTH
SYSTEM		b.1     b.3     b.6     b0     2.7     3.6     2.6     2.4     2.6     3.0       b.1     b13     b.7     b1     2.8     2.9     3.8     3.3     3.6     3.5		$\checkmark$					0.2 d.1 b.1 b.0 b.0 b.0	0. 0.0 0.0 5. č.o č.o	GRAPHIC SCALE
		12 ABT b.1 b.3 b.7 b.6 3.0 2.7 33 3.8 3.1 3.1			2.6 2.8 2.4 2.3 2.	.4 1.8 1.6 1.6		i.7 i.6 i.5 i.6 i.3 i.7 i.4		- b.o	
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Y A	00 00 00 00 00 00 00 00 00 00	uu uu 0.0 01 0.1 02 02 02 00 0.0 bo bo bo bo b1 b.1 b.1 b.1 b.1 b.1	0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2	b.0	1.4 1.6 1.4 2.00 2	3.0 3.9 4.1 2.5 2.9 3.0	3.0 2.9 2.0 1.5 1.8	1.9 2.0 1.9 1.7 1.4 00 0.4 6 A4B 1.5 2.0 1.8 1.5 1.9 1.0 0.5	0.2     0.1     0.0     0.0     0.0     0.0       0.2     0.1     0.0     0.0     0.0     0.0     0.0		FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES
		b.0     b.0     b.0     b.1     b.1 <td>0.1 0.1 0.1 0.1 0.1 0.1 0.1</td> <td>\v_1 \v_1 \v_1 \v_1 \v_1 \v_1 \v_1 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2</td> <td>2 0.2 0.2 0.0 0.0 0.</td> <td>0 00 21 22</td> <td>1.8 1.4 1.2</td> <td><b>T</b> 1.3 1.4 1.1 1.0 0.6 0.3</td> <td>0.1 0.1 0.0 0.0 0.0 0.0</td> <td>b</td> <td>LABEL AVG MAX MIN AVG/MIN MAX/MIN</td>	0.1 0.1 0.1 0.1 0.1 0.1 0.1	\v_1 \v_1 \v_1 \v_1 \v_1 \v_1 \v_1 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2 \v_2	2 0.2 0.2 0.0 0.0 0.	0 00 21 22	1.8 1.4 1.2	<b>T</b> 1.3 1.4 1.1 1.0 0.6 0.3	0.1 0.1 0.0 0.0 0.0 0.0	b	LABEL AVG MAX MIN AVG/MIN MAX/MIN
		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			$\smile$ - $\lor$						SITE PAVED AREA     2.53     18.7     0.6     4.22     31.17
		00 00 00 00 00 00 00 00 00 00 00 00 00									UNDEFINED     0.20     4.2     0.0     N.A.     N.A.       UNDER DIESEL CANOPY     36.09     50     20     1.80     2.50
MIMD	bo bo bo bo bo bo bo										UNDER DIESEL CANOPY     36.09     50     20     1.80     2.50       UNDER NORTH AUTO CANOPY     41.09     50     25     1.64     2.00
MIMEGAR BROOK	ođ ođ ođ ođ ođ ođ ođ	að að að að að að að að að									UNDER SOUTH AUTO CANOPY     40.97     50     25     1.64     2.00
-nook		ad ad ad ad ad ad ad ad									
			0.0 0.0 0.0 0.0 0.0			0.0	v.v v.v U.U U.U				NOTES:
											- ALL AREA LIGHTS ON NEW 25 FT. POLE MOUNTED ON CONCRETE BASE, TOP OF CONCRETE BASE AT GRADE.
									\ \		
		LUMINAIRE SCHEDULE									
		SYMBOL QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
		3	АЗВ	SINGLE	7575		B1-U0-G2	72	216	Cree Inc	OSQ-ML-B-AA-XX + OSQM-B-11L-50K9-3M-UL-NM-XX-w_OSQ-BLSMF
		2	A4	SINGLE	9599		B2-U0-G2	72	144	Cree Inc	OSQ-ML-B-AA-XX + OSQM-B-11L-50K9-4M-UL-NM-XX
			A4B A4BT	SINGLE	7374		B1-U0-G2 B1-U0-G2	72 72	216 1296	Cree Inc Cree Inc	OSQ-ML-B-AA-XX + OSQM-B-11L-50K9-4M-UL-NM-XX-w_OSQ-BLSMF OSQ-ML-B-AA-XX + OSQM-B-11L-50K9-4M-UL-NM-XX-w_OSQ-BLSMF
			В	SINGLE	1378		B1-U0-G0	15.06	256.02	TROY-CSL LIGHTING	RH20-LED1540-XX-FG-3-LL23-XX
		24	С	SINGLE	10225		B3-U0-G1	86	2064	Cree Lighting	CPY250-C-13L-50K9-F-UL-DM-XX
		8	D	SINGLE	10225	1.020	B3-U0-G1	86	688	Cree Lighting	CPY250-C-13L-50K9-F-UL-DM-XX



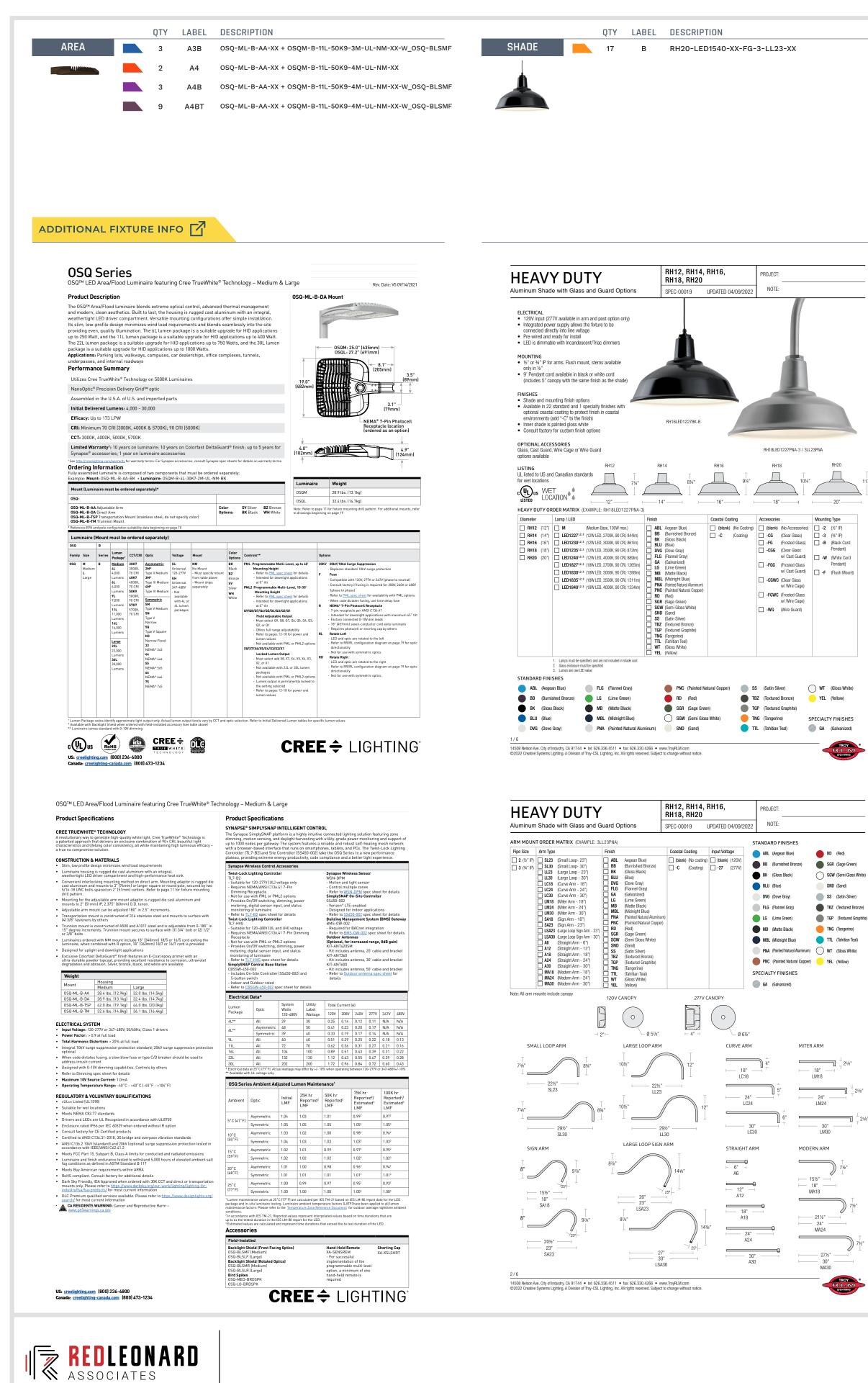
DISCLAIMER ANY SITE PLAN(S), FLOOR PLAN(S), RENDERING(S), LIGHTING LAYOUT(S) AND PHOTOMETRIC PLAN(S) INCLUDING BUT NOT LIMITED TO ANY PROJECT(S) CREATED/PRODUCED BY RED LEONARD ASSOCIATES INC., ARE ONLY INTENDED FOR ILLUSTRATION AND QUOTING PURPOSES ONLY. RED LEONARD ASSOCIATES HAS THE RIGHT TO USE THIRD PARTY LASERS, SCANNERS, AND CAMERAS BUT ACTUAL PROJECT CONDITIONS, DIMENSIONS, AND ACCURACY OF MEASUREMENTS MAY DIFFER FROM THESE OR ANY PARAMETERS. RED LEONARD ASSOCIATES INC. ASSUMES NO LIABILITY FOR WHAT IS CREATED/PRODUCED IN THESE RECREATIONS. THIS INCLUDES BUT IS NOT LIMITED TO THE USE OF, INSTALLATION OF AND/OR INTEGRITY OF EXISTING BUILDING(S), SURROUNDING AREA FOR PRODUCT(S) SUCH AS EXISTING POLE(S), ANCHOR BOLT(S), BASE(S), ARCHITECTURAL AND SIGNAGE STRUCTURE(S), LANDSCAPING PLAN(S), LIGHTING PLAN(S), FIXTURE SELECTION(S) AND PLACEMENT, MATERIAL(S), COLOR ACCURACY, TEXTURE(S), AND ANYTHING ATTRIBUTED TO PHOTO REALISM THAT IS CREATED. FURTHERMORE, RED LEONARD ASSOCIATES INC., DOES NOT ASSUME LIABILITY WHATSOEVER FOR ANY PURCHASES MADE BY CLIENT BEFORE, DURING, OR AT THE CONCLUSION OF THE PUBLISHED WORK. THE CUSTOMER, ITS RELATIVE AFFILIATES, AS WELL AS ANY OTHER PERSON(S) IN VIEWING OF THIS PRODUCT IS RESPONSIBLE FOR VERIFYING COMPLIANCE WITH ANY BUT NOT LIMITED TO ALL CODES, PERMITS, RESTRICTIONS, INSTRUCTIONS, PURCHASES, AND INSTALLATIONS OF OBJECTS VIEWED WITHIN THIS DOCUMENT(S) OR PROJECT(S). SYMBOLS ARE NOT DRAWN TO SCALE. SIZE IS FOR CLARITY PURPOSES ONLY. SIZES AND DIMENSIONS ARE APPROXIMATE, ACTUAL MEASUREMENTS MAY VARY. DRAWINGS ARE NOT INTENDED FOR ENGINEERING OR CONSTRUCTION USE. THIS DOCUMENT, ANY RED LEONARD DRAWING(S), OR PROJECT(S) IS NOT TO BE USED AND/OR INTENDED FOR ENGINEERING OR CONSTRUCTION PURPOSES, BUT FOR ILLUSTRATIVE PURPOSES ONLY. ANY LOCATIONS OF EMERGENCY LIGHTING SHOWN WERE PROVIDED BY OTHERS. RED LEONARD ASSOCIATES IS NOT RESPONSIBLE FOR INSUFFICIENT LIGHTING AN EMERGENCY EVENT. ANY USE OF THIS DOCUMENTATION AND/OR OTHER ARTICLES PRODUCED BY RED LEONARD WITHOUT WRITTEN AUTHORIZATION FROM JAYME J. LEONARD IS STRICTLY PROHIBITED.



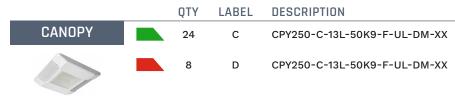
LUMINAIRE LO	DCATION SUMM	ARY
LUM NO.	LABEL	MTG. HT.
1	АЗВ	25
2	A3B	25
3	A3B	25
4	A4	25
5	A4	25
6	A4B	25
7	A4B	25
8	A4B A4BT	25 25
9 10	A4BT A4BT	25
10	A4BT	25
12	A4BT	25
12	A4BT	25
14	A4BT	25
15	A4BT	25
16	A4BT	25
17	A4BT	25
18	В	12
19	В	12
20	В	12
21	В	12
22	В	12
23	В	12
24	В	12
25	В	12
26	В	12
27	В	12
28	В	12
29	В	12
30	В	13.25
31	В	13.25
32	В	13.25
33	В	13.25
34	В	13.25
35	С	15
36	С	15
37	С	15
38	С	15
39	С	15
40	С	15
41	С	15
42	С	15
43	C C	15 15
44	C	15 15
45	C	15
40	C	15
48	C	15
49	С	15
50	C	15
51	C	15
52	C	15
53	C	15
54	C	15
55	C	15
56	С	15
57	С	15
58	С	15
59	D	18
60	D	18
61	D	18
62	D	18
63	D	18
	i	i
64	D	18
64 65	D D	18 18

SCALE: LAYOUT BY: 1" = 40' DAR DWG SIZE: DATE: D 4/27/22





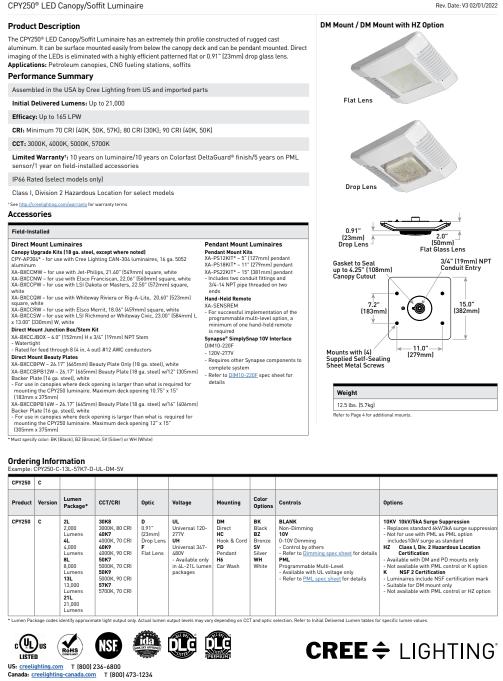
1340 Kemper Meadow Dr, Forest Park, OH 45240 513-574-9500 redleonard.com



8 D CPY250-C-13L-50K9-F-UL-DM-XX

## ADDITIONAL FIXTURE INFO

## **CPY Series - Version C** CPY250<sup>®</sup> LED Canopy/Soffit Luminaire



Ρ	roduct Specifications
С	DNSTRUCTION & MATERIALS
•	Slim, low profile design
•	Easy mounting and servicing from below the deck
•	Luminaire housing is constructed of rugged cast aluminum with integral heat sink specifically designed for LED
•	Flat lens is 0.125" tempered Solite® glass
•	Drop lens is 0.157" molded borosilicate glass
•	Direct mount is suitable for use in single or double skin canopies with a minimum 4.0" (102mm) wide panels and a minimum 22 gauge, $0.030^\circ$ (0.7mm canopy thickness
•	Direct mount luminaire mounts directly to the canopy deck with the drilling of a single 2" to 4" [51mm to 102nm] round hole, is secured in place with self-sealing screws that provide a weathertight seal and includes 3/4" [19mm conduit entry for direct wire feed
	Hook and cord mount includes a 3' $\left[0.91m\right]$ cord out of the luminaire and is intended to hang from the single hook
•	Standard pendant mount includes a mounting bracket and a J-Box for customer wiring and is intended to be mounted by 3/4 IP pendant (by others) Hazardous location pendant mount has a threaded hub which accepts 3/4"
•	NPT conduit (by others) and secures with a 1/4"-20 set screw
•	H6 mount includes cable gland with 3' (0.91m) cord out of the luminaire and is intended to hang from the single hook
•	Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
•	Weight: 12.5 lbs. (5.7kg)
	ECTRICAL SYSTEM
•	Input Voltage: 120-277V or 347-480V, 50/60Hz Power Factor: > 0.9 at full load
•	Total Harmonic Distortion: < 20% at full load
•	Integral 6kV/3kA surge suppression protection standard; 10kV/5kA surge
	suppression protection optional
•	When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
-	NTROLS 10V option provides continuous dimming to 10% with 0-10V DC control protocol
•	Maximum 10V Source Current: 1mA
•	Use only lighting controls with neutral connection or controls intended for use with LED fixtures
•	Reference LED Dimming spec sheet for additional dimming information
RI	EGULATORY & VOLUNTARY QUALIFICATIONS
	cULus Listed
•	Suitable for wet locations when ordered with DM, DM mount w/HZ option, PD mount w/HZ option, and H6 mounts. Covered ceiling required only when not used with cULus Listed, wet location junction box or XA-BXCCJBOX accessory
•	Suitable for damp locations when ordered with HC and PD mounts. Designed for indoor use only
•	Enclosure meets IP66 requirements per IEC 60529 when ordered with DM and H6 mounts
•	ANSI C136.2 6kV/3kA [standard] and 10kV/5kA (optional) surge protection, tested in accordance with IEEE/ANSI C62.41.2. PML option includes 10kV surge protection
•	Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
•	Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
•	Meets Buy American requirements within ARRA
•	RoHS compliant. Consult factory for additional details
•	Class I, Division 2 Hazardous Location rated when ordered with the DM or PD mount and the HZ option. Not available with K or PML options. Rated for Groups A, B, C & D. Bears a T3C (160 °C) temperature classification within a 25 °C ambient
•	NSF Certified when ordered with DM mount and K option. Not available with HZ or PML options. Refer to http://info.nsf.org/Certified/Food/ for additional details
•	Dark Sky Friendly, IDA Approved when ordered with 30K CCT and Flat Lens (F). Please refer to <u>https://www.darksky.org/our-work/lighting/lighting-for- industry/fsa/fsa-products/</u> for most current information
•	DLC Premium qualified for Fuel Pump Canopies. DLC Standard qualified for High-Bay/Low Bay Luminaires when ordered with 8L and 30K8, 40K9 and 50K9 CCTs, 13L or 21L lumen packages with all CCTs. Please refer to https:// www.desionlights.cor/search/ for most current information

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Lumen Package	System Watts	Total C	Total Current (A)							
	120-480V**	120V	208V	240V	277V	347V	480V			
2L	14	0.11	0.07	0.06	0.05	N/A	N/A			
4L	31	0.26	0.15	0.13	0.11	0.09	0.07			
8L	53	0.45	0.26	0.22	0.19	0.15	0.11			
13L	86	0.73	0.42	0.36	0.32	0.25	0.19			
21L	132	1.13	0.64	0.56	0.49	0.38	0.28			

CPY Series (Version C) Ambient Adjusted Lumen Maintenance <sup>1</sup>							
Ambient	Luminaire Mounting Surface	Initial LMF	25K hr Reported <sup>2</sup> LMF	50K hr Reported <sup>2</sup> LMF	75K hr Estimated <sup>3</sup> LMF	100K hr Estimated <sup>3</sup> LMF	
5°C	2L-13L Plywood/ 2L-21L Metal	1.02	0.99	0.96	0.94	0.92	
(41°F)	21L Plywood	1.02	0.99	0.96	0.93	0.90	
10°C	2L-13L Plywood/ 2L-21L Metal	1.02	0.98	0.96	0.93	0.91	
(50°F)	21L Plywood	1.02	0.98	0.95     0.92     0.91       0.95     0.92     0.91       0.95     0.92     0.92       0.95     0.92     0.81       0.95     0.92     0.91       0.95     0.92     0.91       0.94     0.91     0.83	0.90		
15°C (59°F)	2L-13L Plywood/ 2L-21L Metal	1.01	0.98	0.95	0.93	0.91	
	21L Plywood	1.01	0.98	0.95	0.92	0.89	
20°C (68°F)	2L-13L Plywood/ 2L-21L Metal	1.01	0.97	0.95	0.92	0.90	
	21L Plywood	1.01	0.97	0.94	0.91	0.89	
25°C	2L-13L Plywood/ 2L-21L Metal	1.00	0.97	0.94	0.92	0.90	
(77°F)	21L Plywood	1.00	0.96	0.94	0.91	0.88	
30°C	2L-13L Plywood/ 2L-21L Metal	0.99	0.96	0.94	0.91	0.89	
(86°F)	21L Plywood	0.99	0.96	1.9     1.9       0.96     0.93       0.95     0.92       0.95     0.92       0.95     0.92       0.95     0.92       0.95     0.92       0.94     0.91       0.94     0.91       0.94     0.91       0.94     0.91       0.94     0.91       0.94     0.91       0.94     0.91       0.93     0.90       0.94     0.91       0.93     0.90       0.94     0.91       0.95     0.92       0.94     0.91       0.93     0.91       0.94     0.91       0.95     0.92       0.90     0.84       0.92     0.90       0.84     0.92	0.90	0.87	
35°C	2L-13L Plywood/ 2L-21L Metal	0.99	0.95	0.93	0.91	0.88	
(95°F)	21L Plywood	0.99	0.93	0.89	0.84	0.80	
40°C (104°F)	2L-13L Plywood/ 2L-21L Metal	0.98	0.95	0.92	0.90	0.88	
45°C (113°F)	2L-4L Plywood/ 2L-13L Metal	0.98	0.93	0.89	0.86	0.82	
50°C (122°F)	2L-4L Metal	0.97	0.90	0.84	0.78	0.73	
package and	ntenance values at 25°C (77°F) are c in-situ luminaire testing. Luminaire factors. Please refer to the <u>Temper</u>	ambient t	emperature fac	tors (LATF) ha	ve been applied	to all lumen	

Operating Temperature Range							
lumen	Direct Mount to	Direct Mount to Sheet	Class 1, Division 2 Hazardous Locatio				
Package	Plywood	Metal/Suspended	Direct Mount to Plywood	Direct Mount to She Metal/Suspended			
2L	-40°C to +45°C	-40°C to +50°C					
4L	-40°C to +45°C	-40°C to +50°C					
8L	-40°C to +40°C	-40°C to +45°C	-40°C to +25°C				
13L	-40°C to +40°C	-40°C to +45°C					
21L	-40°C to +35°C	-40°C to +40°C					
NOTE: Standard luminaires are UL rated at 40°C, and hazardous location luminaires are UL rated at 25°C, but will operate in the aminents listed above WARNING: Exceeding maximum operating temperature may result in thermal foldback							

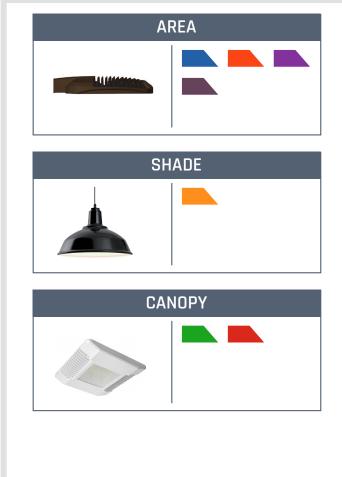
In accordance with IES TM-21, Reported values represent interpolated values based on the tested duration in the IES LM-80 report for the LED.

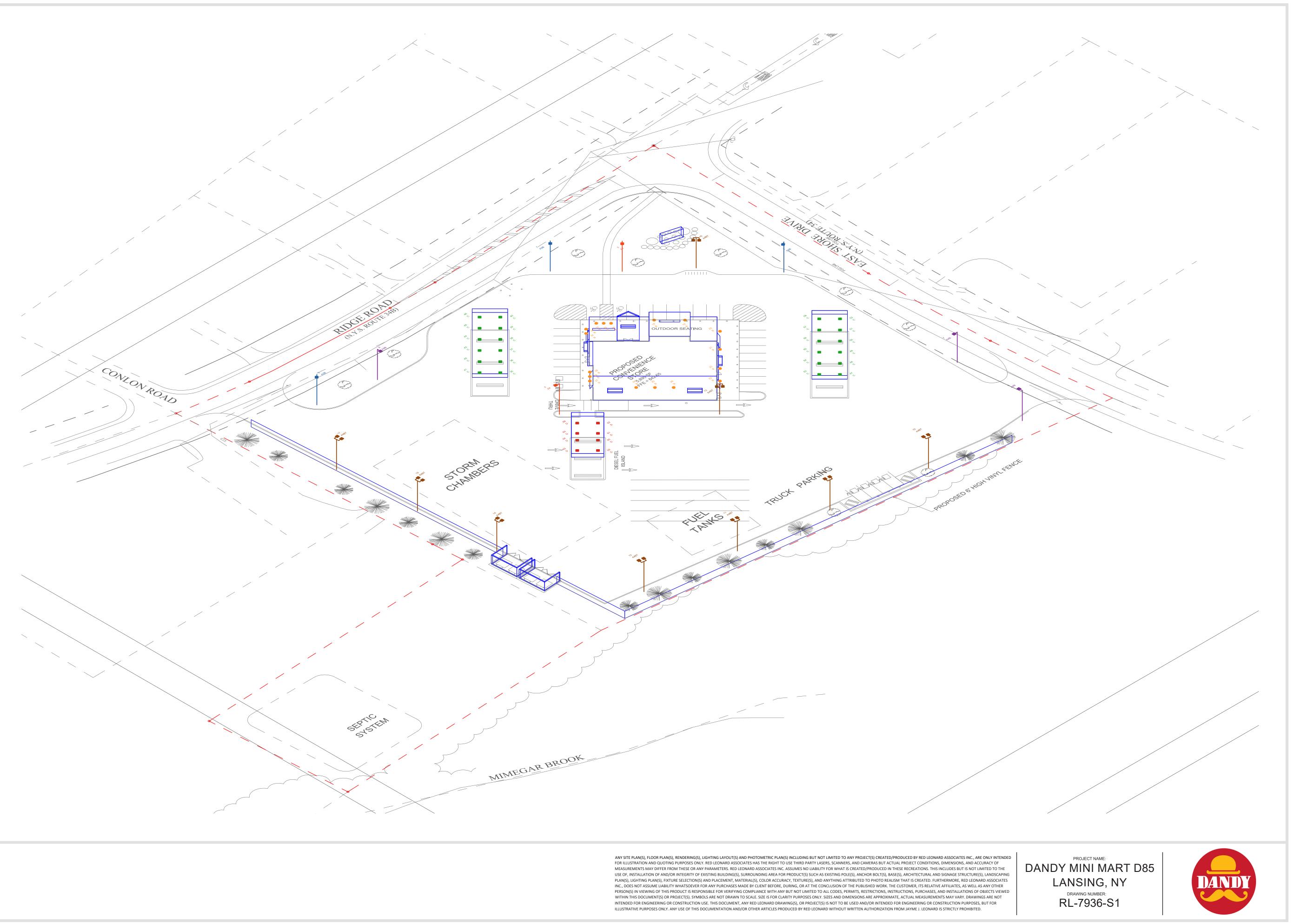
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s that exceed the 6x test duration of the LED.

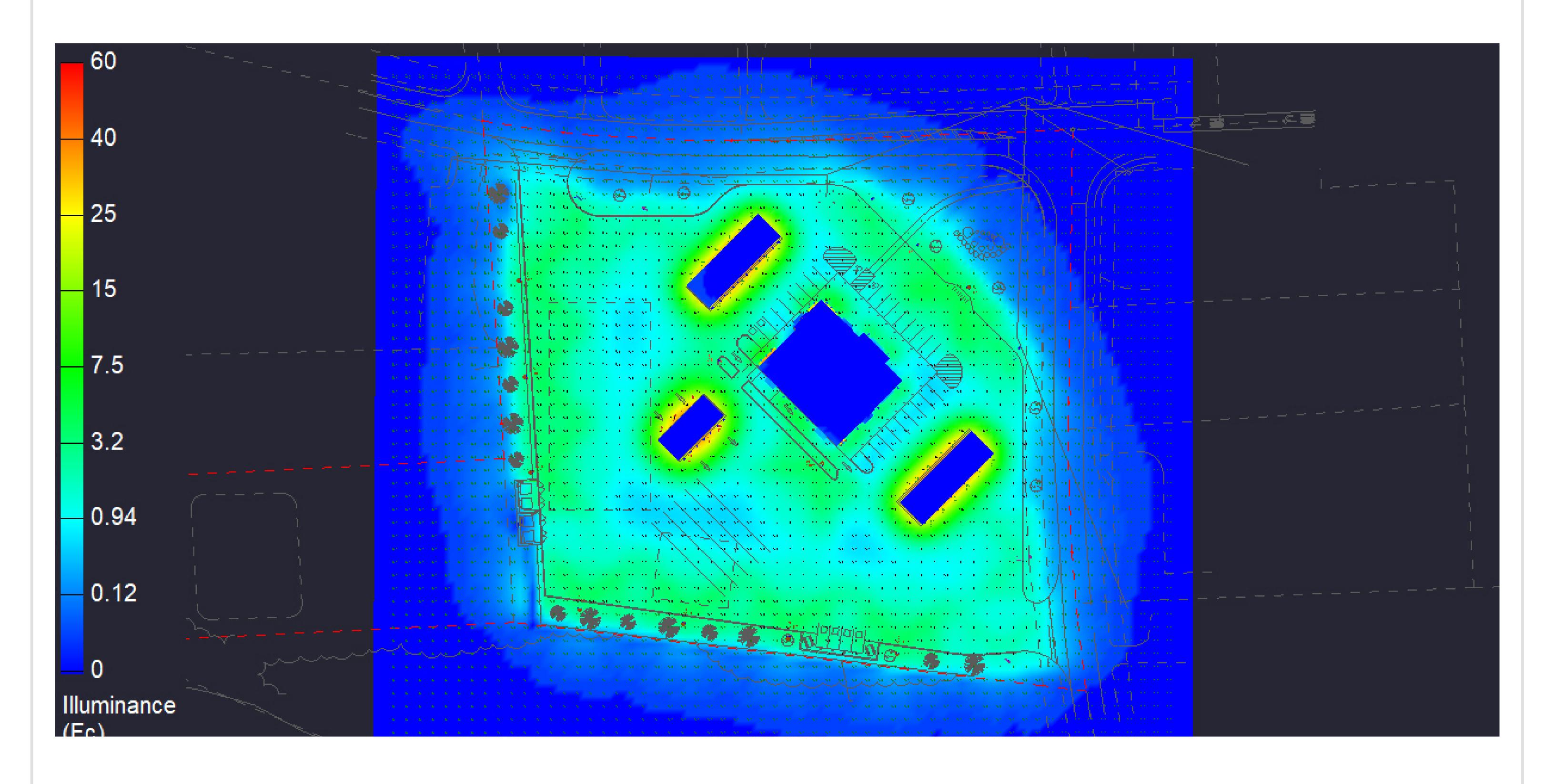
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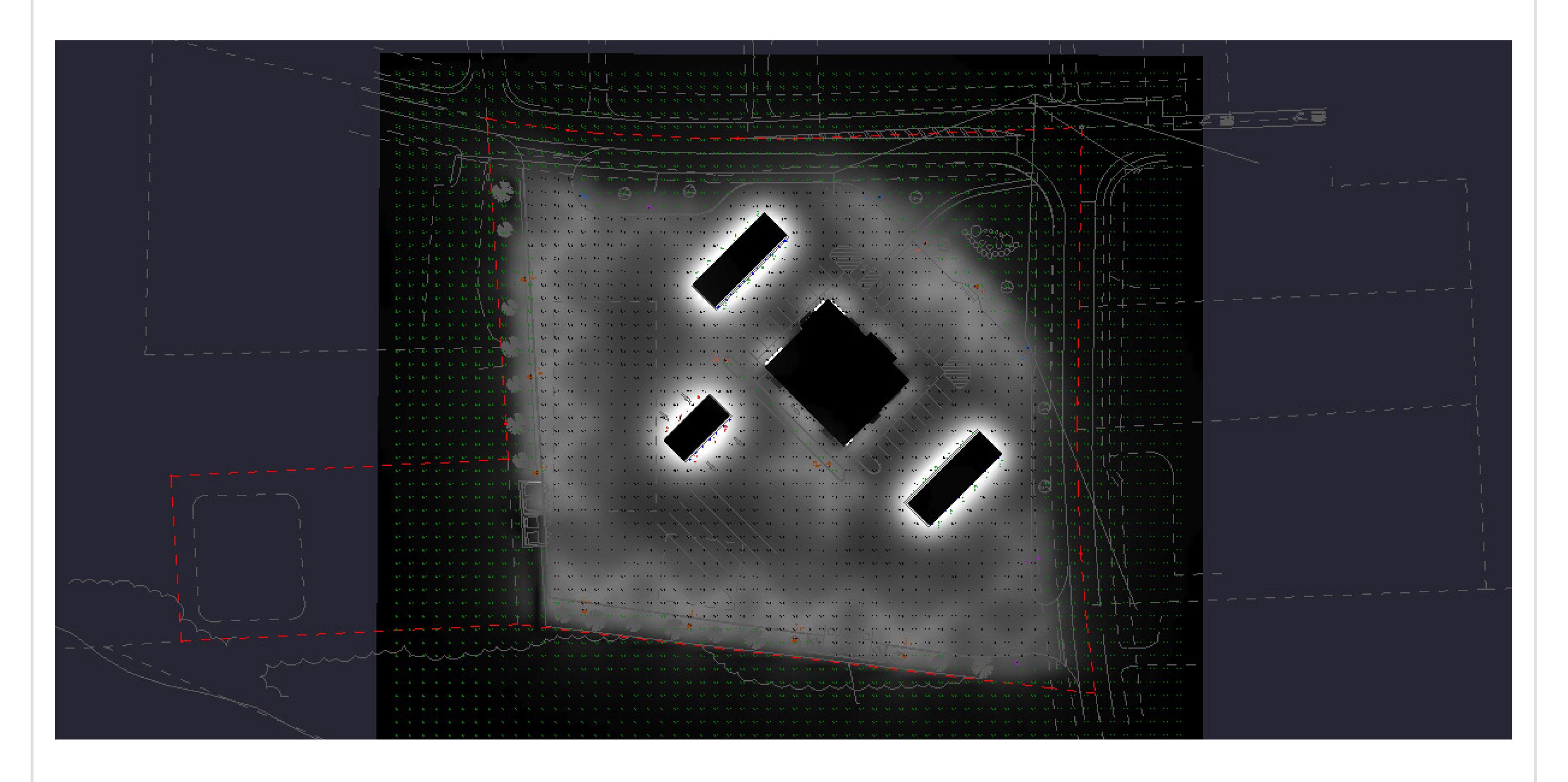






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