

AREA	QTY	LABEL	DESCRIPTION
	2	A2	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-2M-UL-NM-XX
	1	A3B	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-3M-UL-NM-XX + OSQ-BLSMF
	5	A4	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-4M-UL-NM-XX
	1	A4B	OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-4M-UL-NM-XX + OSQ-BLSMF

OSQ Series

OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology - Medium & Large

Product Description

The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, lightweight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low profile design minimizes wind load requirements and blends seamlessly into the site using even, quality aluminum. The 4L lumen package is a suitable upgrade for HID applications up to 250 Watts, and the 1L lumen package is a suitable upgrade for HID applications up to 400 Watt. The 2XL lumen package is a suitable upgrade for HID applications up to 750 Watts, and the 30L lumen package is a suitable upgrade for HID applications up to 3000 Watts.

Applications: Parking lots, walkways, campuses, car dealerships, office complexes, tunnels, universities, and internal roadways.

Performance Summary

Utilizes Cree TrueWhite® Technology on 3000K Luminaire

Standardized Precursor Delivery (SPD) Type

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

Initial Delivered Lumens: 4,000 - 30,000

Efficacy: Up to 172 LPW

CR1 Minimum 70 CR (3000K, 4000K & 5000K); 90 CR (5000K)

Limited Warranty: 10 years on luminaire; 10 years on Colorfast DataGuard® finish; up to 5 years for Synapse® accessories; 1 year on luminaire accessories.

For complete information on components of two components that must be ordered separately, please visit www.creeled.com for warranty terms. For complete information, consult Synapse user guide for details on warranty terms.

Ordering Information

Example: OSQ-ML-B-XX-XX + OSQM-B-16L-30K7-2M-UL-NM-XX

Luminaire Mount must be ordered separately*

OSQ-ML-B-XX-XX: Adjustable Arm
OSQ-ML-B-XX-XX: Fixed Mount (not specified)
OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

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OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

OSQ-ML-B-XX-XX: Fixed Mount (not specified)

CANOPY	QTY	LABEL	DESCRIPTION
	28	CAN	CAN-228-SL-RM-06-E-UL-XX-700-30K (SET DIAL @ 1)

228 Series™

LED Recessed Canopy Luminaire

Product Description

Sim, low profile, easy mounting from below or above the deck. Luminaire sides are rugged cast aluminum with high performance extruded aluminum heat sinks specifically designed for LED. Luminaire mounts directly to the canopy deck and is secured in place with compression molded trim. Frame, luminaire housing is provided with factory applied beam spreader and provides for a weatheright seal between luminaire housing and canopy deck. Suitable for use in single or double sink configurations with 12", 200mm and 14" (34mm) wide panels. Designed for canopies of 16-22 gauge (thickness 0.063") 11.6mm thickness.

Applications: Petroleum stations, convenience stores, drive-thru banks and restaurants, retail and grocery.

Performance Summary

Patented NanoGrip® Product Technology

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

CR1 Minimum 70 CR

CCT: 4000K (4-3000K, 5000K (4-5000K) standard

Limited Warranty: 10 years on luminaire/10 years on Colorfast DataGuard® finish

For complete information on components of two components that must be ordered separately, please visit www.creeled.com for warranty terms.

Ordering Information

Example: CAN-228-SL-RM-06-E-UL-XX-700-30K

Example: CAN-228-SL-RM-06-E-UL-XX-700-30K

Example: CAN-228-SL-RM-06-E-UL-XX-700-30K

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Example: CAN-228-SL-RM-06-E-UL-XX-700-30K

Example: CAN-228-SL-RM-06-E-UL-XX-700-30K

SOFFIT	QTY	LABEL	DESCRIPTION
	11	L	LR6X-7L-30K

LRX Series

LR6X™ LED Downlight - 6"

Product Description

The LR6X™ downlight is an unparalleled combination of light quality and efficacy - bringing outstanding performance and value to the retrofit downlight space. Delivering up to 8000 lumens, exceptional 90+ CRI light while achieving up to 70 lumens per watt, this breakthrough performance is achieved by combining the high efficacy with an integrated driver and thermal management design. The LR6X™ downlight is available in warm or neutral color temperatures, three lumen packages, and offers a variety of trim options.

Applications: Commercial retail new construction and retrofit.

Performance Summary

Utilizes Cree TrueWhite® Technology

Initial Delivered Lumens: 450 - 1,000

CR1 90+

Power Factor: 0.95

CCT: 2700K, 3000K, 3500K, 4000K

Limited Warranty: 10 years

Dimming: Dimmable to 5%

For complete information on components of two components that must be ordered separately, please visit www.creeled.com for warranty terms.

Housing & Trims

Refer to Housing & Trims documents for more details.

Refer to Housing & Trims documents for more details.

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Refer to Housing & Trims documents for more details.

WALL MOUNTED	QTY	LABEL	DESCRIPTION
	1	WP2	SEC-EDG-4M-WM-02-E-UL-XX-350-30K-DIM (SET @ 1V)
	2	WP3	SEC-EDG-4M-WM-06-E-UL-XX-525-30K

THE EDGE® Series

LED Security Wall Pack Luminaire

Product Description

The EDGE® wall mount luminaire has a slim, low profile design. The luminaire end caps are made from rugged die cast aluminum with integral, lightweight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged aluminum. Includes a lightweight mounting base for installation over standard and multi-ring single gang 1" boxes. Secures to wall with 3/16" 30mm screws by offset. Conducts energy from top, bottom, sides and rear. Allows mounting for offset or downlight. Designed and approved for use through wiring. Includes adjustment gasket.

Applications: General area and security lighting.

Performance Summary

Patented NanoGrip® Product Technology

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

CR1 Minimum 70 CR

CCT: 4000K (4-3000K, 5000K (4-5000K) standard

Limited Warranty: 10 years on luminaire/10 years on Colorfast DataGuard® finish

For complete information on components of two components that must be ordered separately, please visit www.creeled.com for warranty terms.

Ordering Information

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

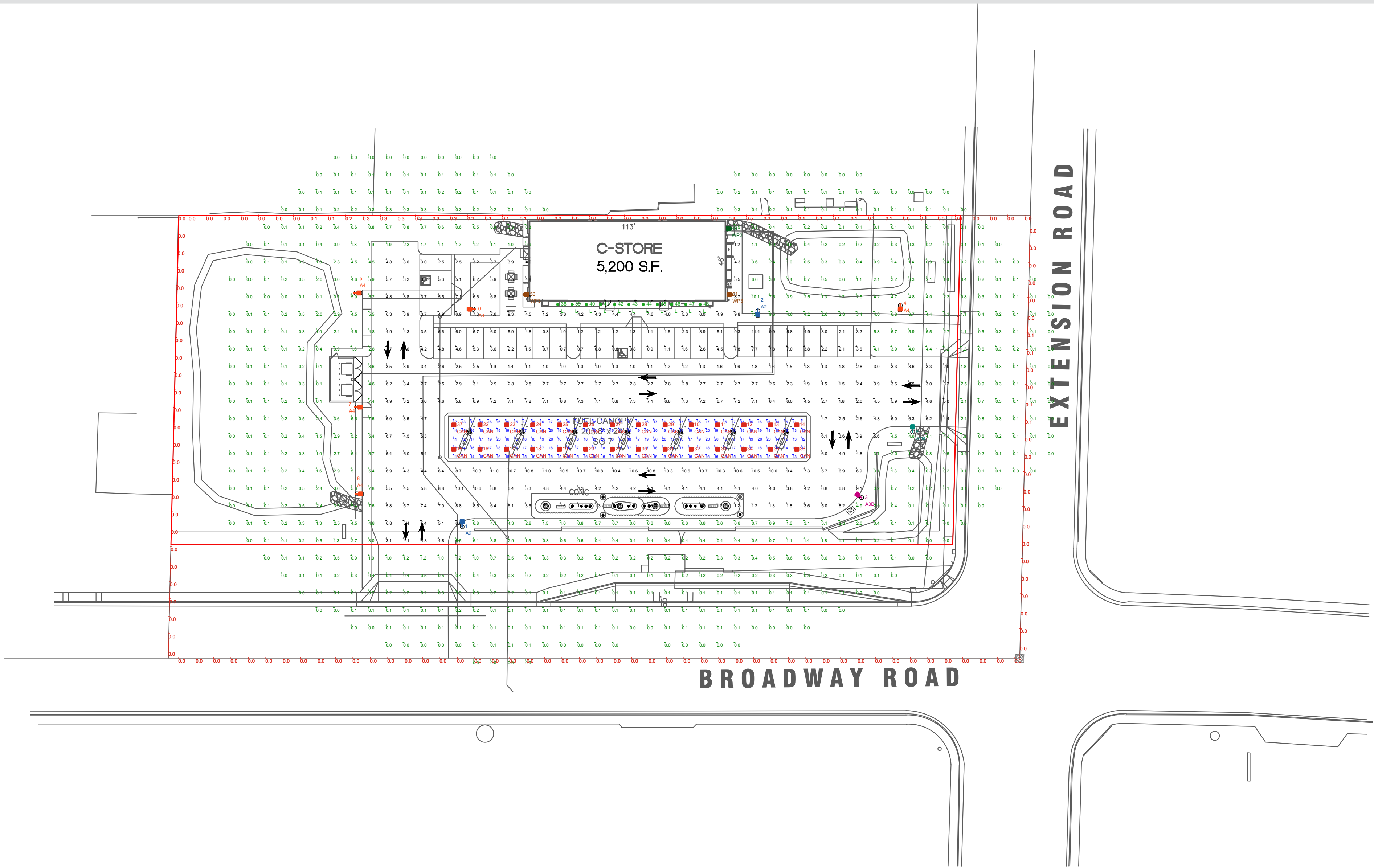
Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example: SEC-EDG-4M-WM-02-E-UL-XX-350-30K

Example:



THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS REGULATED BY LOCAL ORDINANCES

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

LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	4.62	11.4	0.7	6.60	16.29
PROPERTY LINE 36 IN ABOVE	0.03	0.5	0.0	N.A.	N.A.
UNDEFINED	0.91	12.7	0.0	N.A.	N.A.
UNDER CANOPY	16.49	20	9	1.83	2.22

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



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

REV.	BY	DATE
R1	FNE	6/1/21

DESCRIPTION
REVISED PER UPDATED SITE PLAN &
POWER DENSITY REQUIREMENTS.

DISCLAIMER

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SCALE:
1" = 40'
DWG SIZE:
D

LAYOUT BY:
FNE
DATE:
5/14/21

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

