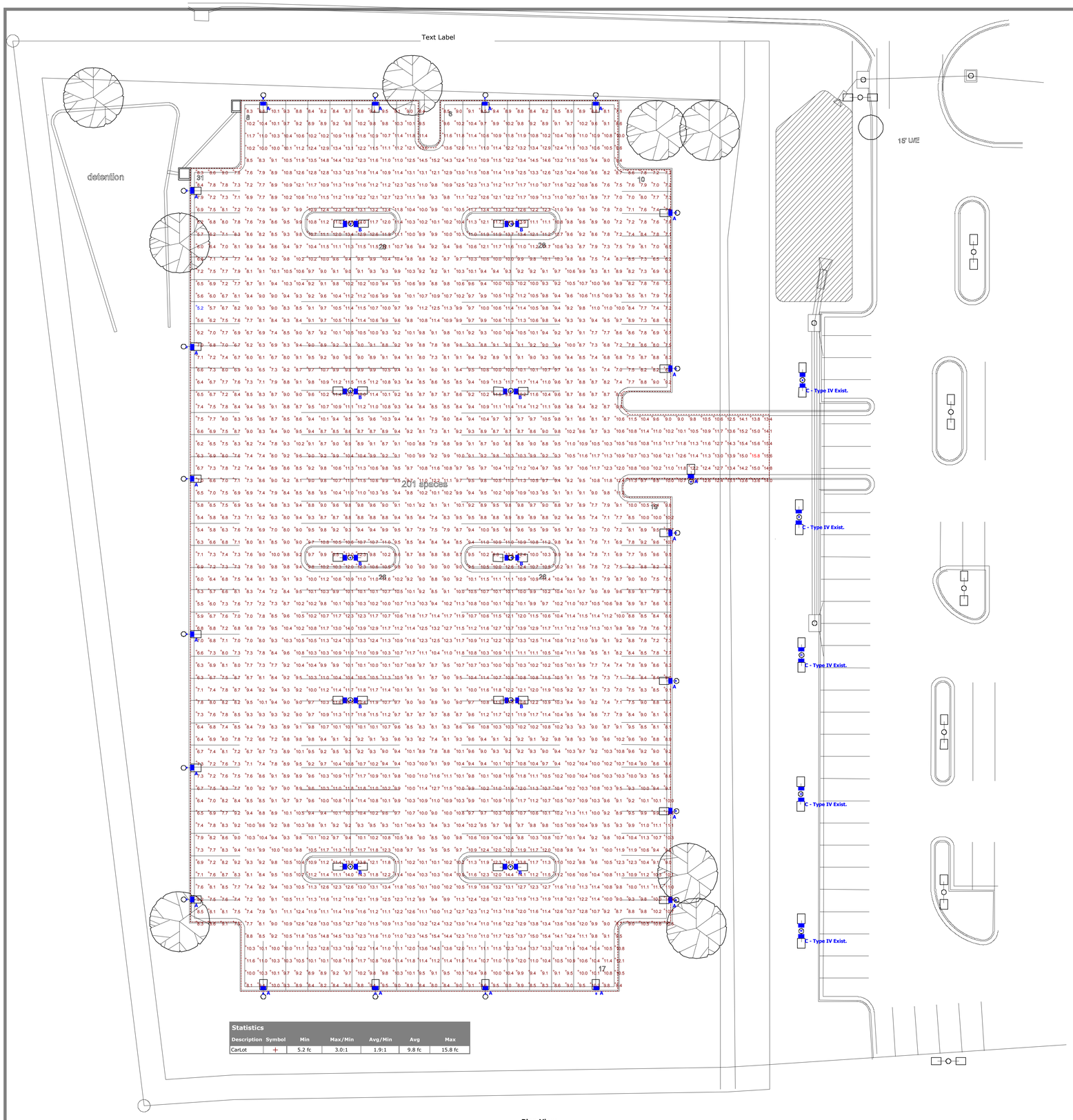


Plan View
Scale - 1" = 20ft

Statistics						
Description	Symbol	Min	Max/Min	Avg/Min	Avg	Max
CarLot	+	5.2 fc	3.0:1	1.9:1	9.8 fc	15.8 fc

OSQ Series

OSQ™ LED Area/Flood Luminaire – 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, weathertight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. 'S' and 'T' Input power designators are a suitable upgrade for HID applications up to 750 Watts. 'U' Input power designator is a suitable upgrade for HID applications up to 1000 Watts.

Applications: Parking lots, walkways, campuses, auto dealerships, office complexes, and internal roadways

Performance Summary

NanoOptic® Precision Delivery Grid™ optic

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

Initial Delivered Lumens: Up to 28,285

Efficacy: Up to 135 LPW

CRI: Minimum 70 CRI (4000K & 5700K); 3000K asymmetric optics); 80 CRI (3000K symmetric optics)

CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)

Limited Warranty[1]: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

[1]See http://lighting.cree.com/warranty for warranty terms

Accessories

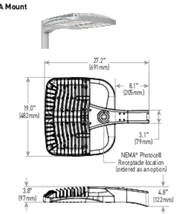
Field-Installed	
Backlight Shield OSQ-BLSLF - Front facing optics OSQ-BLSLR - Rotated optics	**Hand-Held Remote** XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately:
Example: **Mount:** OSQ-AASV + **Luminaire:** OSQ-A-NM-2ME-S-40K-UL-SV

Mount (Luminaire must be ordered separately)		
OSQ-		
OSQ-AA Adjustable Arm **OSQ-DA** Direct Arm	**Color Options:** **SV** Silver **BK** Black	**BZ** Bronze **WH** White

DA Mount



Weight
28.5 lbs. (13kg)

Luminaire (Mount must be ordered separately)								
OSQ	**A**	**NM**						
Product	**Version**	**Mounting**	**Optic**	**Input Power Designator**	**CCT**	**Voltage**	**Color Options**	**Options**
OSQ	**A**	**NM** No Mount	**Asymmetric** **2ME*** Type II Medium **3ME*** Type III Medium **Symmetric** **5ME** Type V Medium **5SH** Type V Short **W5H** Wide Sign **15D** 15° Flood **25D** 25° Flood **40D** 40° Flood **60D** 60° Flood	**S** 222W **U** 215W **T** 177W **U** 215W	**30K** 3000K **40K** 4000K **57K** 5700K	**UL** Universal: 120-277V **UH** Universal: 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**DIM** **0-10V Dimming** - Control by others - Refer to Dimming spec sheet for details - Can't exceed wattage of specified input power designator **F** **Fuse** - When code dictates fusing, use time delay fuse **ML** **Multi-Level** - Refer to ML spec sheet for details - High: 100%, Low: 30% - Available with UL voltage only - Intended for downlight applications at 0° tilt **PML** **Programmable Multi-Level, 20-40' Mounting Height** - Refer to PML spec sheet for details - Available with UL voltage only - Intended for downlight applications at 0° tilt **PML2** **Programmable Multi-Level, 10-30' Mounting Height** - Refer to PML spec sheet for details - Available with UL voltage only - Intended for downlight applications at 0° tilt **Q9** **Field Adjustable Output** - Refer to Field Adjustable Output spec sheet for details **R** **NEMA® Photocell Receptacle** - Intended for downlight applications with maximum 47° tilt - 3-pin receptacle per ANSI C136.10 - Photocell and shorting cap by others **RL** **Rotate Left** - LED and optic are rotated to the left **RR** **Rotate Right** - LED and optic are rotated to the right

* Available with Backlight Shield when ordered with field-installed accessory (see table above)

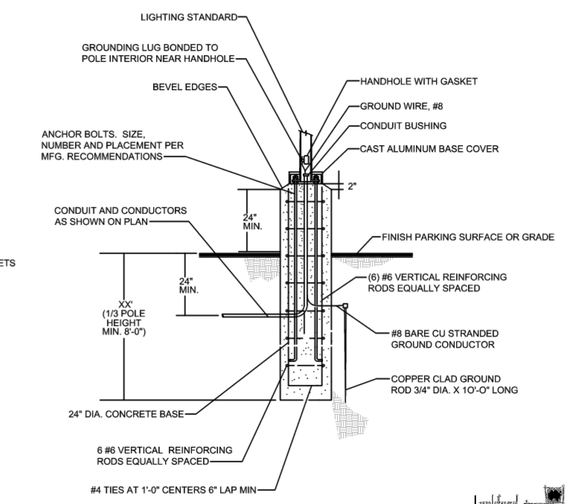
US: lighting.cree.com/lighting T (800) 236-6800 F (262) 504-5415

Rev. Date: V1.0 09/01/2016

Canada: www.cree.com/canada

CREE
T (800)473-1234 F (800)890-7507

Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	21	Cree Inc	OSQ A xx 4ME S 57K CONFIGURED FROM OSQ A xx 4ME S 40K	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, S Input Power Designator, 4000K	CONFIGURED FROM Sixteen type MDA 4000K LEDs	1	OSQ A xx 4ME S 57K_CONFIGURED.ies	22706	0.92	223
	B	10	Cree Inc	OSQ A xx 4ME S 57K CONFIGURED FROM OSQ A xx 4ME S 40K	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, S Input Power Designator, 4000K	CONFIGURED FROM Sixteen type MDA 4000K LEDs	1	OSQ A xx 4ME S 57K_CONFIGURED.ies	22706	0.92	446
			Cree Inc	OSQ A xx 4ME S 57K CONFIGURED FROM OSQ A xx 4ME S 40K	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, S Input Power Designator, 4000K	CONFIGURED FROM Sixteen type MDA 4000K LEDs	1	OSQ A xx 4ME S 57K_CONFIGURED.ies	22706	0.92	223
			Cree Inc	OSQ A xx 4ME S 57K CONFIGURED FROM OSQ A xx 4ME S 40K	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, S Input Power Designator, 4000K	CONFIGURED FROM Sixteen type MDA 4000K LEDs	1	OSQ A xx 4ME S 57K_CONFIGURED.ies	22706	0.92	223



*POLE BASE SHALL BE CALCULATED USING THE FOLLOWING CRITERIA:

WWD LOADING 80MPH
(104 GUST)

TOTAL EPA OF LUMINARIES
+TOTAL EPA OF BRACKETS
=TOTAL EPA OF LUMINAIRES/BRACKETS

SELECT POLE BASED ON MAXIMUM EPA LISTED IN MANUFACTURERS CATALOG.

IN ANY CASE MIN. POLE BASE DEPTH SHALL BE 81". FINAL DEPTH OF POLE BASE SHALL BE VERIFIED WITH STRUCTURAL ENGINEER PRIOR TO PLACEMENT.

1 LIGHTING POLE BASE DETAIL
NO SCALE

Lankford Fender + associates
1200 Holland Street Kansas City, Missouri 64116
2525 Frederick Avenue, St. Joseph, Missouri 64506
2600 College Boulevard Suite 100, Overland Park, Kansas 66211
Phone: 816.221.1411 | Fax: 816.221.1420
LANKFORD FENDER + ASSOCIATES, LEGAL NAME: MCCARTHY/LANGLAND, INC.
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PARKING LOT EXPANSION
Lee's Summit Honda
401 NE Colbern, RD
Lee's Summit, MO 64086

Designer

Date
9/13/2016
Scale
Not to Scale
Drawing No.

Summary
Permit