





# North Liberty Planning Commission Tuesday, August 3, 2021, 6:30 PM North Liberty City Council Chambers 1 Quail Creek Circle, North Liberty, Iowa 52317

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Call to Order

- 1. Roll Call
- 2. Approval of the Agenda
- **3. Site Plan:** Request of Solum Lang Architects, LLC to approve a Site Plan for new dental office on .66 acres of property located on the east side of Jordan Street approximately 300 feet south of Ashley Court.
  - a. Staff Presentation
  - b. Applicants Presentation
  - c. Public Comments
  - d. Questions and Comments
  - e. Recommendation to the City Council
- **4. Urban Renewal Area Amendment:** Request of the City of North Liberty for an amendment to the North Liberty Urban Renewal Area.
  - a. Staff Presentation
  - b. Public Comments
  - c. Questions and Comments
  - d. Recommendation to the City Council
- 5. Approval of Previous Minutes
- 6. Old Business
- 7. New Business
- 8. Adjournment







- To City of North Liberty Planning Commission
- From Ryan Rusnak, AICP

Date July 30, 2021

Re Request of Solum Lang Architects, LLC to approve a Site Plan for new dental office on .66 acres of property located on the east side of Jordan Street approximately 300 feet south of Ashley Court (1400 Jordan Street).

North Liberty City staff has reviewed the subject submission, and offer comments presented in this memo. The staff review team includes the following personnel: Ryan Heiar, City Administrator Tracey Mulcahey, Assistant City Administrator Grant Lientz, City Attorney Tom Palmer, City Building Official Kevin Trom, City Engineer Ryan Rusnak, Planning Director

# Request Summary:

The site plan proposes to construct a 4,080 square foot dental office and related infrastructure.



# Existing Zoning:

The property is currently zoned C-2-A Highway Commercial District.

# C-2-A Description:

The C-2-A Highway Commercial District is intended to provide for those commercial uses which may take particular advantage of a highway location and/or due to size or other nuisance constraints may be incompatible with the predominantly retail uses permitted in the C-1-A and C-1-B Commercial Districts, and whose service area is not confined to any one neighborhood or community.



# Consistency with Comprehensive Plan:

The property is designated Commercial on the Future Land Use Map.

The C-2-A zoning is consistent with the Commercial designation.



# Approval Standards:

Section 165.04(2) of the North Liberty Code of Ordinances entitled, "Site Plan Requirements" sets forth the approval standards (Ordinance language in *italics* and staff analysis in **bold**).

- Site Plan Requirements. Site plans, which are required for review and approval for any use in any district or elsewhere by this code, shall comply with and illustrate the following:
  - D. All site plans shall clearly illustrate the general methods of development, design, special distribution, location, topography (both existing and proposed), soil erosion control measures, relationship to flood overlay zones, and such other information as necessary to show compliance with the requirements of this code. A preliminary site plan may be submitted for preliminary land use approval; however, the final site plan required by this code shall be submitted, reviewed, and approved prior to the issuance of building or construction permits.

It is staff's opinion that the site plan illustrates the general methods of development, design, special distribution, location, topography (both existing and proposed), soil erosion control measures, and such other information as necessary to show compliance with the requirements of this code.

- E. The site plan shall include the following legal information:
  - (1) Legal property owner's name and description of property.
  - (2) Applicant's name, requested land use, and zoning.
  - (3) If the applicant is other than the legal owner, the applicant's interest shall be indicated and the legal owner's authority to appeal shall be certified. This information has been provided on sheet 120.
- F. The site plan shall clearly illustrate in color perspective and enumerate the following information:
  - Property boundary lines, dimensions, and total area.
     This information has been provided on sheet 120.
  - (2) Contour lines at intervals of not more than five feet, City datum. If substantial topographic change is proposed, the existing topography shall be illustrated on a separate map and the proposed finished topography shown on the final site plan.

This information has been provided on sheet 140.

(3) The availability and location of existing utilities. This information has been provided on sheet 160.

- (4) The proposed location, size, shape, color, and material type of all buildings or structures.
   This information has been provided on the architectural renderings.
- (5) The total square feet of building floor area, both individually and collectively. This information has been provided on sheet 120. The building would be 4,080 square foot in area.
- (6) The number of dwelling units, bedrooms, offices, etc., as required to determine special compliance. This information has been provided on sheet 120.
- (7) The proposed location of identification signs. An identification sign is defined as a sign displaying the name, address, insignia or trademark, and occupant of a building or the name of any building on the premises. Installation shall be in accordance with the Chapter 173 of this code. This information has been provided on the architectural renderings.
- (8) A vicinity sketch showing detailed adjacent land uses within 500 feet of the property and general existing land uses within 1,000 feet of the property. This information has been provided on sheet 120.
- (9) Existing buildings, right-of-way, street improvements, utilities (overhead or underground), easements, drainage courses, vegetation and large trees, etc. This information has been provided on sheets 120 and 160.
- (10) Parking areas, number of parking spaces proposed, number of parking spaces required by this code, type of surfacing to be used, etc. This information has been provided on sheet 120.
- (11) Walkways, driveways, outside lighting, walls, fences, signs, monuments, statues and other manmade features to be used in the landscape.
   Walkways and driveways are shown on sheet 120 and the lighting plan.
   No walls, fences, monuments or statues are proposed.
- (12)Location and type of all plants, grass, trees, or ground cover to be used in the landscape. Landscaping shall be illustrated in elevation and color perspective with the size and exact names of plants, shrubs, or trees to be planted clearly indicated.
  - This information has been provided on sheet L100.

(13)Walls, fences or other artificial screens to be used as buffers shall be shown in elevation and color perspective with proposed height and structural material to be used indicated. See Section 169.02 for the guidelines concerning landscaping.

# Walls, fences or other artificial screens are not proposed.

(14)Traffic considerations, architectural themes, pedestrian movement, etc., and all other considerations pertinent to the proposed use may be requested for illustration or statistical purposes.

There are no traffic concerns. There is a dedicated pedestrian walkway to the Jordan Street sidewalk.

(15)The methods of compliance with all applicable flood plain development standards and flood (overlay) districts as contained in this code. The subject property is not located within a flood hazard area.

# Additional Considerations:

North Liberty Code of Ordinances Section 169.12 entitled, "Design Standards" and Section 169.13 entitled, "Other Design Standards" sets forth certain design standards (applicable Ordinance language in italics and staff analysis in bold).

Section 169.12

- Requirements for All Districts. The following requirements shall be observed for all development in all districts:
  - A. Building design shall be visually harmonious and compatible with the neighborhood character.

It is staff's opinion that the building design would be visually harmonious and compatible with the area. The building would contain window glazing, masonry and board and batten siding.

- Buildings located on property with double frontages shall have similar wall design facing both streets.
   This is not applicable.
- C. Buildings shall have a consistent architectural style throughout the development on each lot, as defined by repetition of exterior building material and colors, and architectural elements.

This is a single-use site. There is a consistent architectural style throughout the development.

- D. Except for the ID, RS RD and R-FB districts, color schemes shall be primarily based on earth tones. Earth tone colors include colors from the palette of browns, tans, greys, greens, and red. Earth tone colors shall be flat or muted. Building trim and accent areas may feature non-earth tone and brighter colors. In any district, the use of high intensity colors, neon or fluorescent color and neon tubing is prohibited. The building would be grey in color.
- E. Special attention shall be taken to incorporate external mechanical equipment into the design such that it does not detract from the aesthetics of the site and building.
   At most, an exterior cooling condenser would be located outside of the building. This will need to be screened by the landscaping.
- F. Except in the R-FB district, a minimum roof pitch of 5:12 shall apply to gable, hip, or shed roofs. This does not apply to portions of a roof that are separate from the structure's primary roof. The color of the roof shall be visually harmonious and compatible with the building color scheme.
   The building would achieve consistency with this requirement.
- G. Roof top equipment shall be screened. No rooftop equipment is proposed.
- H. Reflective surfaces that may cause glare or traffic hazards are not acceptable. Reflective surfaces are not proposed.
- 4. Requirements for Development in Office and Commercial Zoning Districts.
  - A. Commercial zoning districts are intended to enhance public welfare by providing for safe, convenient, high quality pedestrian-oriented commercial centers that contribute to community identity as energetic and attractive focus points. Through development and redevelopment within these districts, the city recognizes the importance of creating high quality development areas to the quality of life for residents of the city, the impact quality development has on the image of the community, and the need to provide restrictions and guidelines to enhance visual appearance and functionality. The objectives addressed through these regulations include the following:

- Design. To achieve appealing aesthetic design through high quality architecture and construction, with attention to placement, relationship, and orientation of structures and amenities to provide both internal cohesiveness and compatibility with surrounding uses.
   The building would contain window glazing, masonry and board and batten siding. It is staff's opinion that the proposed design achieves consistency with this design standard.
- (2) Walkability. To achieve overall development patterns that encourage walking and reduce dependence on the automobile to travel from one business to another, and so reduces the dominance of the automobile within the development. There is a dedicated pedestrian walkway to the Jordan Street sidewalk.

This leads to an outdoor seating area.

- (3) Human-scale Activity. To achieve a sense of place by emphasizing pedestrian interaction with commercial uses rather than sprawling automobile-dominated designs, both in building architecture and public or private outdoor areas. It is staff's opinion that the proposed design achieves consistency with this design standard.
- (4) Compatible Uses. To achieve the right blend of uses, compact and vielldesigned, that complement each other and provide cohesive overall developments. This is a single-use site.
- B. In addition to requirements of subsection 1 of this section, the following requirements shall be observed for development in the office and commercial zoning districts:
  - (1) Site Layout Requirements.
    - (a) Pedestrian Areas. Each development shall provide a complete network of paths, plazas, and open spaces that interconnect building entrances, parking, sidewalks, other properties, and other pedestrian amenities. These pedestrian areas are expected to constitute a significant portion of development area, and may include plazas, special paving areas between parking and entrances, and outdoor eating patios. Additionally, portions of pedestrian areas should be at least partly covered so that users are protected from rain and intense sun. New developments will be required to connect to paths and sidewalks established by previously-approved developments.

This is a single-use site. However, there is a dedicated pedestrian walkway to the Jordan Street sidewalk. This leads to an outdoor seating area.

- (b) Outdoor Infrastructure Design. Each development shall provide outdoor lighting fixtures, integrated street pavers or patterns, and landscaping that reinforces quality building design and blends with previously-approved developments, when appropriate. Design elements may include decorative lighting, seating with benches, low walls, planters, enhanced paving techniques, and other features complimentary to the development.
   It is staff's opinion that the proposed design achieves consistency with this design standard.
- (c) Parking Areas. Parking areas shall consist of areas that are aesthetically pleasing, landscaped to screen public views, and located so as not to be the dominant feature along any street or within any development. The use of alternate materials to designate pedestrian areas within or adjacent to parking lots is encouraged, and pedestrian areas shall be separated from vehicular traffic with landscaping, decorative posts, special paving, or other measures to clearly define the pedestrian spaces. Property owners are encouraged to establish shared parking zones among uses on one or more lots.
   It is staff's opinion that the proposed design achieves consistency with this design standard.
- (2) Building Materials and Design Requirements.
  - (a) Materials. Exterior vertical building elevations in all commercial districts except for the C-3 district shall be composed of at least 60% brick or other masonry products. Exterior vertical building elevations in the C-3 district shall be composed of at least 90% brick or other masonry products. Exterior walls not composed of masonry products shall not be covered with ribbed metal siding commonly referred to as corrugated metal. The required masonry area shall be based on a net wall surface, defined as the total area between ground level and the soffit or roof line, from farthest outside wall left to farthest outside wall right, with window and door areas subtracted out.

The building would contain window glazing, masonry (at least 60%) and board and batten siding.

(b) Design. Buildings and building features shall be sized and detailed appropriately for pedestrian use. Projected or recessed doorways and windows, awnings, and other architectural features may be used to achieve this design. Traditional strip-retail type frontages featuring long flat frontages with regularly spaced doors and unbroken expanses of concrete approaching the storefronts are specifically disallowed. Side and rear elevations shall be comprised of the same materials and reasonably similar in character and quality as the front elevation unless screened from view from all public streets and residential areas by topography differences, landscaping materials, or other screening devices, in which case building material may be concrete block or tiltup concrete panels.

It is staff's opinion that the proposed design achieves consistency with this design standard.

## Section 169.13

- Parking Lot Screening. All parking lots shall be screened from public streets utilizing plantings and berms to help maintain visually attractive corridors.
   It is staff's opinion that the parking lot screening achieves consistency with this design standard.
- 4. Yards, Ground Cover, and Landscaping. Established grass, either sod or seed, is required for all yards for all new buildings and additions over 500 square feet in area, in addition to trees and screening that may also be required by other code sections, prior to occupancy.
  - B. Tree Requirements for Commercial, Office Park, or Industrial Development. For each Commercial, Office Park, or Industrial Development, one tree will be shown for every 2,000 square feet of building footprint.
     It is staff's opinion that the parking lot screening achieves consistency with

It is staff's opinion that the parking lot screening achieves consistency with this design standard.

## Staff Recommendation:

### Findings:

- The commercial use of the property would be consistent with the current C-2A Highway Commercial District and the Comprehensive Plan Future Land Use Map designation of Commercial; and
- The site plan would achieve consistency with North Liberty Code of Ordinances Section 165.04(2) entitled, "Site Plan Requirements" Section 169.12 entitled "Design Standards, Section 169.13, entitled "Other Design Standards" and other Code of Ordinance requirements.

# Recommendation:

Staff recommends the Planning Commission accept the two listed findings and forward the request to approve a Site Plan on approximately .66 acres for a new dental office at 1400 Jordan Street to the City Council with a recommendation for approval.





0.66 ACRES











PROVIDED
 SCREENING OF MECHANICAL AND TRASH ENCLOSURES.
 PROVIDED

LANDSCAPE LEGEND:

PLANT LIST - TREES NSTALL COMMENT MATURE QTY KEY DOTANICAL NAME COMMON NAME 
 GZZ
 COMMAN
 GZZ

 S' CAL
 5 & 5 & 6
 60 X 50

 S' CAL
 5 & 5
 50 X 50

 S' CAL
 5 & 5
 70 X 50

 1
 66
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 SKYLINE TRARVLESS HANEYLAGUS'

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 LIRIZZENDRAN TULPTERA
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 I LT LIRIZZENDRAN TULIPITERA I GR GLERAUS RUBRA RED DAK I UA ILMUS AMERICANA NEW HARMON NEW HARMONY ELV I CAL DED TOXSO PLANT LIST - SHRUBS, PERENNIALS, ØRNAMENTAL GRASSES & GRØUNDCOVER QTY KEY NSTALL COMMENT MATURE SIZE DOTANICAL NAME COMMON NAME 
 92Z
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 F'HT.
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 15 CA CALAMAGRASTIS x ACUTIFLORA KARL POERSTER KARL FØRRSTER FEATHER REED 68 4 X 91" JS JUNPERUS CHNENSIS 'SEA GREEN
 4 JC JUNPERUS CONFERTA BLLE PACIFIC REA GREEN JUNPER BLUE PACIFIC JUNPER 4 X 6 9" X 6" DIG BLIE LLY TURF GRACILIMUS MADEN GR WALKER'S LOW CATMIN 49 LM LIRIOPE MUSCARI DIO BLUE' 15° X 2' 17 MS MISCANTHUS SINENSIS 'SRACLLINUS' 19 NF NEPETA x PAASGENI WALKER'S LOW 6 X 4 16" X 16" DITLE PRIVESS SPREA PENSE YEW CLOSE ARD/RVITAE 
 24
 SP
 SPRAEA
 JAPONICA
 LITTLE
 PRINCESS'

 5
 TM
 TAUGS × MEDIA
 DENSIFICANIS'

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 TO
 THUA OCCIDENTIALIS
 WOODWARDT
 2 X 9 5 X 5 6 X 6 17 VT VIBURNUM TRILOPUM 'COMPACTA COMPACT AMERICAN CR INUM 24" HT. CON 5 X 5



# NORTH LIBERTY DENTAL CLINIC JULY 1, 2021





# MATERIAL LEGEND

Board & Batten Cement Board Siding





Glazing & Storefront Framing

 Material Totals

 Stone/Masonry:
 61%

 Siding:
 39%

 Glazing omitted in calcs per zoning code.



# NORTH LIBERTY DENTAL CLINIC





# MATERIAL LEGEND

Board & Batten Cement Board Siding



Glazing & Storefront Framing

 Material Totals

 Stone/Masonry:
 61%

 Siding:
 39%

 Glazing omitted in calcs per zoning code.



# NORTH LIBERTY DENTAL CLINIC







# NORTH LIBERTY DENTAL CLINIC





					jth
		1			JTH Lighting Alliance 319 SW 5th St S0309 Des Moines Ia 50309
Calculation Summary Label	CalcType	Units	Avg	Min Avg/Min Max/M	in
parking lot_Planar	Illuminance	FC	0.82 6.0	0.0 N.Ā. N.A.	Revisions
					orth Liberty Dental Analysis

# **OSQ** Series

OSQ<sup>™</sup> LED Area/Flood Luminaire featuring Cree TrueWhite<sup>®</sup> Technology – Large

#### **Product Description**

The OSQ<sup>™</sup> 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. The 'T' input power designator is a suitable upgrade for HID applications up to 750 Watts, and the 'U' input power designator is a suitable upgrade for HID applications up to 1000 Watts.

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

#### **Performance Summary**

Utilizes Cree TrueWhite® Technology on 5000K Luminaires

NanoOptic<sup>®</sup> Precision Delivery Grid<sup>™</sup> optic

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

Initial Delivered Lumens: Up to 29,700

Efficacy: Up to 173 LPW

CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

CCT: 3000K, 4000K, 5000K, 5700K

Limited Warranty<sup>+</sup>: 10 years on luminaire; 10 years on Colorfast DeltaGuard<sup>®</sup> finish; up to 5 years for Synapse<sup>®</sup> accessories; 1 year on luminaire accessories

\* See http://creelighting.com/warranty for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.



Weight 32.4 lbs. (14.7kg)

#### **Ordering Information**

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

Mount (Luminaire must be ordered separately)*			
050-			
OSQ-B-AA Adjustable Arm OSQ-DA Direct Arm OSQ-L-TSP Transportation Mount (stainless steel; do not specify color) OSQ-TM Trunnion Mount	Color Options:	SV Silver BK Black	<b>BZ</b> Bronze <b>WH</b> White

\* Reference EPA and pole configuration suitability data beginning on page 10

Lumina	ire (Mour	nt must be o	ordered separately)							
OSQ	A	NM								
Product	Version	Mounting	Optic	Input Power Designator	сст	Voltage	Color Options	Options		
050	A	NM No Mount	Asymmetric 2ME* 4ME* Type II Type IV Medium Medium 3ME* Type III Medium Symmetric 5ME 250 Type V 25° Medium Flood 5SH 40D Type V 40° Short Flood 5SO 60D Type V 60° Square Flood WSN 120D Wide 120° Wide 120° Sign Flood 15° Flood	T 132W U 202W	30K 3000K, 70 CRI 40K 4000K, 70 CRI 50K 5000K, 90 CRI 57X 5700K, 70 CRI	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	<ul> <li>F Fuse <ul> <li>Compatible only with 120V, 277V or 347V</li> <li>(phase to neutral)</li> <li>Consult factory if fusing is required for 208V, 240V or 480V (phase to phase)</li> <li>Refer to PML spec sheet for availability with PML options</li> <li>When code dictates fusing, use time delay fuse</li> </ul> </li> <li>PML Programmable Multi-Level, up to 40' Mounting Height <ul> <li>Refer to PML spec sheet for details</li> <li>Intended for downlight applications at 0° tilt</li> </ul> </li> <li>PML2 Programmable Multi-Level, 10-30' Mounting Height <ul> <li>Refer to PML spec sheet for details</li> <li>Intended for downlight applications at 0° tilt</li> </ul> </li> <li>PML2 Programmable Multi-Level, 10-30' Mounting Height <ul> <li>Refer to PML spec sheet for details</li> <li>Intended for downlight applications at 0° tilt</li> </ul> </li> <li>PML2 Programmable Multi-Level, 10/30' Mounting Height <ul> <li>Refer to PML spec sheet for details</li> <li>Intended for downlight applications at 0° tilt</li> </ul> </li> <li>PML2 Programmable Multi-Level, 10/30' Mounting Height <ul> <li>Refer to PML spec sheet for details</li> <li>Intended for downlight applications at 0° tilt</li> </ul> </li> <li>PML6 Adjustable Output <ul> <li>Must select 0?, 08, 07, 06, 05, 04, 03, 02, or 01</li> <li>Offers full range adjustability</li> <li>Refer to pages 12-13 for power and lumen values</li> <li>Not available with PML or PML2 options</li> </ul> </li> </ul>	R	<ul> <li>NEMA® 7-Pin Photocell Receptacle</li> <li>7-pin receptacle per ANSI C136.41</li> <li>Intended for downlight applications with maximum 45° tilt</li> <li>Factory connected 0-10V dim leads</li> <li>18" (457mm) seven-conductor cord exits luminaire</li> <li>Requires photocell or shorting cap by others</li> <li>Rotate Left</li> <li>LED and optic are rotated to the left</li> <li>Refer to RR/RL configuration diagram on page 14 for optic directionality</li> <li>Not for use with symmetric optics</li> <li>Rotate Right</li> <li>LED and optic are rotated to the right</li> <li>Refer to RR/RL configuration diagram on page 14 for optic directionality</li> <li>Not for use with symmetric optics</li> </ul>

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



# CREE 🜩 LIGHTING

Rev. Date: V28 03/23/2021

**C** '

#### **Product Specifications**

#### **CREE TRUEWHITE® TECHNOLOGY**

A revolutionary way to generate high-quality white light, Cree TrueWhite® 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.

#### **CONSTRUCTION & MATERIALS**

- · Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high-performance heat sink
- Convenient interlocking mounting method on direct arm mount. Mounting adaptor is rugged die cast aluminum and mounts to 3" (76mm) or larger square or round pole, secured by two 5/16-18 UNC bolts spaced on 2" (51mm) centers
- Mounting for the adjustable arm mount adaptor is rugged die cast aluminum and mounts to 2" (51mm) IP, 2.375" (60mm) O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5° increments
- Transportation mount is constructed of 316 stainless steel and mounts to surface with (4) 3/8" fasteners by others
- Trunnion mount is constructed of A500 and A1011 steel and is adjustable from 0-180° in 15° degree increments. Trunnion mount secures to surface with (1) 3/4" bolt or (2) 1/2" or 3/8" bolts
- Includes 18" (340mm) 18/5 or 16/5 cord exiting the luminaire. When ordered with R option, 18" (340mm) 18/7 or 16/7 cord is provided
- Designed for uplight and downlight applications
- 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. Silver, bronze, black, and white are available
- Weight: OSQ-DA: 32.4 lbs. (14.7kg); OSQ-B-AA: 32.0 lbs. (14.5kg); OSQ-L-TSP: 44 lbs. (20.0kg); OSQ-TM: 36.1 lbs. (16.4kg)

#### ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Designed with 0-10V dimming capabilities. Controls by others
- Refer to Dimming spec sheet for details
- 10V Source Current: 0.15mA
- **Operating Temperature Range:** -40°C +40°C (-40°F +104°F)

#### **REGULATORY & VOLUNTARY QUALIFICATIONS**

- cUL us Listed
- Suitable for wet locations •
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards with AA, DA, TM, and TSP mounts. For adjustable arm applications requiring ANSI C136.31-2001 3G vibration certification, ensure that existing or new adjustable arm mount model number matches OSQ-B-AA for all OSQ large housing luminaires with power designations "T", and "U"
- ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2
- 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
- DLC and DLC Premium qualified versions available. Some exceptions apply. Please refer to https://www.designlights.org/search/ for most current information
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT and direct or transportation mounts only. Please refer to https://www.darksky. org/our-work/lighting/lighting-for-industry/fsa/fsa-products/ for most current information
- CA RESIDENTS WARNING: Cancer and Reproductive Harm -CA RESIDENCE -www.p65warnings.ca.gov

#### **Product Specifications**

#### SYNAPSE® SIMPLYSNAP INTELLIGENT CONTROL

The Synapse SimplySNAP platform is a highly intuitive connected lighting solution featuring zone dimming, motion sensing, and daylight harvesting with utility-grade power monitoring and support of up to 1000 nodes per gateway. The system features a reliable and robust self-healing mesh network with a browser-based interface that runs on smartphones, tablets, and PCs. The Twist-Lock Lighting Controller (TL7-B2) and Site Controller (SS450-002) take the OSQ Series to a new performance plateau, providing extreme energy productivity, code compliance and a better light experience.

#### Electrical Data\*

Input Power System Watts Designator 120-480V	System Watts	Total Cur	Total Current (A)							
	120V	208V	240V	277V	347V	480V				
Т	132	1.12	0.63	0.55	0.47	0.39	0.28			
U	202	1.72	0.96	0.84	0.72	0.60	0.43			

ata at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V +/-10%

#### OSQ Series Ambient Adjusted Lumen Maintenance<sup>1</sup>

Ambient	Optic	Initial LMF	25K hr Reported <sup>2</sup> LMF	50K hr Reported <sup>2</sup> LMF	75K hr Reported <sup>2</sup> /Estimated <sup>3</sup> LMF	100K hr Reported <sup>2</sup> /Estimated <sup>3</sup> LMF
	Asymmetric	1.04	1.03	1.01	0.99 <sup>2</sup>	0.97 <sup>2</sup>
5 C (41 F)	Symmetric	1.05	1.05	1.05	1.05 <sup>3</sup>	1.05 <sup>3</sup>
10°C	Asymmetric	1.03	1.02	1.00	0.98 <sup>2</sup>	0.96 <sup>2</sup>
(50°F)	Symmetric	1.04	1.03	1.03	1.03 <sup>3</sup>	1.03 <sup>3</sup>
15°C	Asymmetric	1.02	1.01	0.99	0.97 <sup>2</sup>	0.95 <sup>2</sup>
(59°F)	Symmetric	1.02	1.02	1.02	1.02 <sup>3</sup>	1.02 <sup>3</sup>
20°C	Asymmetric	1.01	1.00	0.98	0.96 <sup>2</sup>	0.94 <sup>2</sup>
(68°F)	Symmetric	1.01	1.01	1.01	1.01 <sup>3</sup>	1.01 <sup>3</sup>
25°C	Asymmetric	1.00	0.99	0.97	0.95 <sup>2</sup>	0.93 <sup>2</sup>
(77°F)	Symmetric	1.00	1.00	1.00	1.00 <sup>3</sup>	1.00 <sup>3</sup>

<sup>1</sup> Lumen maintenance values at 25°C (77°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 lumer maintenance factors. Please refer to the <u>Temperature Zone Reference Document</u> for outdoor average nighttime aml conditions. nent for outdoor average nighttime ambient

<sup>2</sup> In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED. <sup>3</sup> Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

#### 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	Bird Spikes OSQ-LG-BRDSPK	Shorting Cap XA-XSLSHRT
Synapse Wireless Cont	rol Accessories		
Twist-Lock Lighting Cor TL7-B2 - Suitable for 120-277V ( Requires NEMA/ANSI ( Dimming Receptacle - Not for use with PML o - Provides On/Off switch metering, digital sensor	troller UL) voltage only 2136.41 7-Pin r PML2 options ing, dimming, power r input, and status	Synapse Wireless 5 WSN-DPM - Motion and light s - Control multiple z - Refer to <u>WSN-DP</u> SimplySNAP 0n-Si SS450-002 - Verizon <sup>®</sup> LTE-ena	Sensor :ones M spec sheet for details <b>te Controller</b> bled

monitoring of luminaire Refer to TL7-B2 spec sheet for details

#### Twist-Lock Lighting Controller TL7-HVG

- Suitable for 120-480V (UL and UH) voltage • Requires NEMA/ANSI C136.41 7-Pin Dimming Receptacle
- Not for use with PML or PML2 options
- -Provides On/Off switching, dimming, power
- metering, digital sensor input, and status
- monitoring of luminaire Refer to TL7-HVG spec sheet for details SimplySNAP Central Base Station

#### CBSSW-450-002

- Includes On-Site Controller (SS450-002) and
- 5-button switch Indoor and Outdoor rated
- Refer to CBSSW-450-002 spec sheet for details

- Designed for indoor applications
- Refer to SS450-002 spec sheet for details
- Building Management System (BMS) Gateway BMS-GW-002 - Required for BACnet integration
- Refer to <u>BMS-GW-002</u> spec sheet for details Outdoor Antennas

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

- 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 Refer to <u>Outdoor antenna spec sheet</u> for details



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#### 2ME





CESTL Test Report #: PL07701-001A OSQ-A-\*\*-2ME-U-40K-UL Initial Delivered Lumens: 26,946

OSQ-A-\*\*-2ME-U-40K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 29,100 Initial FC at grade

Type II Medium Distribution											
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)				
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11									
Т	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3			
U	27,800	B3 U0 G3	29,100	B3 U0 G3	22,300	B3 U0 G3	29,100	B3 U0 G3			

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf. Valid with no tilt





CESTL Test Report #: PL07700-001A 0SQ-A-\*\*-2ME-U-57K-UL w/0SQ-BLSLF Initial Delivered Lumens: 22,822 OSQ-A-\*\*-2ME-U-40K-UL w/OSQ-BLSLF Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 22,300 Initial FC at grade

Type II Medium w/BLS Distribut	Type II Medium w/BLS Distribution											
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)					
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11				
Т	15,900	B2 U0 G2	17,000	B3 U0 G2	14,250	B2 U0 G2	17,000	B3 U0 G2				
U	21,400	B3 U0 G3	22,300	B3 U0 G3	17,100	B3 U0 G2	22,300	B3 U0 G3				

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

# CREE 🚓 LIGHTING

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: http://creelighting.com/products/outdoor/area/osq-series

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DTC Test Report #: PL15529-001A OSQ-A-\*\*-3ME-U-40K-UL Initial Delivered Lumens: 30,584

OSQ-A-\*\*-3ME-U-40K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 29,100 Initial FC at grade

Type III Medium Distribution										
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)			
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11								
Т	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3		
U	27,800	B3 U0 G4	29,100	B3 U0 G4	22,300	B3 U0 G3	29,100	B3 U0 G4		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt



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OSQ-A-\*\*-3ME-U-40K-UL w/OSQ-BLSLF Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 23,000 Initial FC at grade

Type III Medium w/BLS Distribution											
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)				
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11									
Т	16,300	B2 U0 G2	17,500	B2 U0 G3	14,650	B2 U0 G2	17,500	B2 U0 G3			
U	21,900	B3 U0 G3	23,000	B3 U0 G3	17,600	B2 U0 G3	23,000	B3 U0 G3			

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

# CREE 🗧 LIGHTING

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#### 4ME





CESTL Test Report #: PL07690-001A OSQ-A-\*\*-4ME-U-40K-UL Initial Delivered Lumens: 27,527

OSQ-A-\*\*-4ME-U-40K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 29,100 Initial FC at grade

Type IV Medium Distribution										
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)			
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11								
Т	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3		
U	27,800	B4 U0 G3	29,100	B4 U0 G4	22,300	B3 U0 G3	29,100	B4 U0 G4		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt



30" / herizontal angle of maximum candlepower. CESTL Test Report #: PL07692-001A 0SQ-A-\*\*-4ME-U-57K-UL w/0SQ-BLSLF Initial Delivered Lumens: 22,793



OSQ-A-\*\*-4ME-U-40K-UL w/OSQ-BLSLF Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 22,300 Initial FC at grade

Type IV Medium w/BLS Distribution											
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)				
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11									
Т	15,900	B2 U0 G3	17,000	B2 U0 G3	14,250	B2 U0 G3	17,000	B2 U0 G3			
U	21,400	B3 U0 G3	22,300	B3 U0 G3	17,100	B2 U0 G3	22,300	B3 U0 G3			

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

# CREE 🗢 LIGHTING

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#### 5ME



DTC Test Report #: PL15486-001A OSQ-A-\*\*-5ME-U-40K-UL Initial Delivered Lumens: 26,918



OSQ-A-\*\*-5ME-U-40K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 27,800 Initial FC at grade

Type V Medium Distribution								
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11						
Т	20,200	B5 U0 G5	21,700	B5 U0 G5	19,800	B5 U0 G5	21,700	B5 U0 G5
U	26,600	B5 U0 G5	27,800	B5 U0 G5	23,600	B5 U0 G5	27,800	B5 U0 G5

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf. Valid with no tilt

#### 5SH



CESTL Test Report #: PL10754-001A OSQ-A-\*\*-5SH-U-40K-UL Initial Delivered Lumens: 25,679

0SQ-A-\*\*-5SH-U-40K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 29,700 Initial FC at grade

Type V Short Distribution								
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11						
Т	21,300	B5 U0 G3	22,900	B5 U0 G3	20,900	B5 U0 G3	22,900	B5 U0 G3
U	28,400	B5 U0 G4	29,700	B5 U0 G4	25,200	B5 U0 G3	29,700	B5 U0 G4

\*\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <a href="https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf">https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</a>. Valid with no tilt

# CREE 🔶 LIGHTING

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: https://creelighting.com/products/outdoor/area/osq-series

#### 55Q



RESTL Test Report #: PL14561-001B OSQ-A-\*\*-5SQ-U-57K-UL Initial Delivered Lumens: 28,716



OSQ-A-NM-5SQ-U-57K-UL Mounting Height: 25' (7.6m) A.F.G. Initial Delivered Lumens: 29,700 Initial FC at grade

Type V Square Distribution								
	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
Input Power Designator	Initial Delivered Lumens	BUG Ratings** Per TM-15-11						
Т	21,300	B4 U0 G2	22,900	B5 U0 G3	20,900	B4 U0 G2	22,900	B5 U0 G3
U	28,400	B5 U0 G3	29,700	B5 U0 G3	25,200	B5 U0 G3	29,700	B5 U0 G3

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

15D



CESTL Test Report #: PL07689-001A OSQ-A-\*\*-15D-U-30K-UL Initial Delivered Lumens: 23,254



OSQ-A-\*\*-15D-U-40K-UL Mounting Height: 25' (7.6m) A.F.G., 60° Tilt Initial Delivered Lumens: 29,700 Initial FC at grade

Type 15° Flood Distribution						
	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)		
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*		
т	21,300	22,900	20,900	22,900		
U	28,400	29,700	25,200	29,700		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt



All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: http://creelighting.com/products/outdoor/area/osq-series

#### 25D



18.3 12.2 6.1 Bm 6.1 12.2 18.3 24.4 12.2 18.3 24.4 30.5 36.6 42.7 48.8 54.9

CESTL Test Report #: PL07696-001A OSQ-A-\*\*-25D-U-30K-UL 0SQ-A-\*\*-25D-U-40K-UL Mounting Height: 25' (7.6m) A.F.G., 60° Tilt Initial Delivered Lumens: 29,700 Initial Delivered Lumens: 23,265 Initial FC at grade

Type 25° Flood Distribution

	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
Т	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

#### 40D



CESTL Test Report #: PL07697-001A OSQ-A-\*\*-40D-U-30K-UL Initial Delivered Lumens: 22,943

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0SQ-A-\*\*-40D-U-40K-UL Mounting Height: 25' (7.6m) A.F.G., 60° Tilt Initial Delivered Lumens: 29,700 Initial FC at grade

Type 40° Flood Distribution						
	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)		
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*		
Т	21,300	22,900	20,900	22,900		
U	28,400	29,700	25,200	29,700		

\*\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/ uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt



All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: http://creelighting.com/products/outdoor/area/osq-series

#### 60D



CESTL Test Report #: PL08100-001B OSQ-A-\*\*-60D-B-30K-UL Initial Delivered Lumens: 10,079

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0SQ-A-\*\*-60D-U-40K-UL Mounting Height: 25' (7.6m) A.F.G., 60° Tilt Initial Delivered Lumens: 29,700 Initial FC at grade

Type 60° Flood Distribution						
	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)		
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*		
Т	21,300	22,900	20,900	22,900		
U	28,400	29,700	25,200	29,700		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered \*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit:
https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf. Valid with no tilt

#### 120D



**RESTL Test Report #**: PL15731-001A OSQ-A-\*\*-120D-U-40K-UL Initial Delivered Lumens: 25.501



Mounting Height: 25' (7.6m) A.F.G., 60° Tilt Initial Delivered Lumens: 29,700 Initial FC at grade

Type 120° Flood Distribution						
	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)		
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*		
т	21,300	22,900	20,900	22,900		
U	28,400	29,700	25,200	29,700		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

Summers \* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt

#### WSN



CESTL Test Report #: PL07695-001A OSQ-A-\*\*-WSN-U-30K-UL Initial Delivered Lumens: 23,116

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OSQ-A-\*\*-WSN-U-40K-UL Mounting Height: 25' (7.6m) A.F.G., 60° tilt Initial Delivered Lumens: 29,700 Initial FC at grade

Wide Sign Distribution						
	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)		
Input Power Designator	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*		
т	21,300	22,900	20,900	22,900		
U	28,400	29,700	25,200	29,700		

\* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
\*\* For more information on the IES BUG [Backlight-Uplight-Glare] Rating visit:
<u>https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf</u>. Valid with no tilt



#### OSQ<sup>™</sup> LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Large

#### Luminaire EPA

Single2 @ 90°3 @ 90°3 @ 120°3 @ 180°4 @ 180°4 @ 90° <b>General SeriesGeneral SeriesPe</b> -1A*: PC <b>Pe</b> -2A*: PD-2A4(90; PD-2A1(180; P	Adjustable Arm Mount – OSQ-B-AA Weight: 32.0 lbs. (14.5kg)								
Tenon Configuration 's "of " Titl); If used with cree Lighting tenors, bease add tenors EPA with minime EPA with with with with with with with with	Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 180°	4 @ 90°	
Pe-1A*, PT-1; PW- h2*Pe-2A*, PD-2A4(90) P2-409Pe-3A*, PD-3A4(90) P1-3(90)Pe-3A*, PD-3A4(90) PB-3A*, P	Tenon Configuration (0°-80° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA								
0*Tit0.801.611.262.061.683.334.662.5210*Tit0.811.611.622.422.324.406.083.4420*Tit1.441.642.423.135.687.804.0830*Tit1.442.443.249.976.889.404.884.643.249.976.889.404.894.5*Tit2.203.003.005.078.551.646.006.6*Tit2.643.245.738.43.646.87.7*Tit2.823.624.245.731.411.127.42.7*Tit	PB-1A*; PT-1; PW- 1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*; PD-2A4[90]; PT-2[90]	PB-3A*; PD-3A4(90); PT-3(90)	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375; PD-4A4(90); PT-4(90)	
0.801.611.262.061.683.334.662.5210° Tilt0.811.611.622.422.324.406.083.2420° Tilt1.241.612.042.843.135.687.804.0830° Tilt3.243.976.889.404.884.662.443.243.976.889.404.884.65 Tilt2.203.003.805.078.5511.646.0060° Tilt2.433.435.739.843.366.6670° Tilt2.823.624.425.7310.4114.127.242.71	0° Tilt								
10° Tilt0.811.611.622.422.324.406.083.24 $20^{\circ}$ Tilt1.241.612.042.843.135.687.804.08 $30^{\circ}$ Tilt1.641.642.443.249.976.889.404.88 $5^{\circ}$ Tilt2.202.203.003.805.078.551.646.00 $6^{\circ}$ Tilt2.632.433.434.235.739.841.366.86 $7^{\circ}$ Tilt2.822.823.624.425.7310.411.4127.24Tilt	0.80	1.61	1.26	2.06	1.68	3.33	4.66	2.52	
0.811.611.622.422.324.406.083.2420* Tite1.241.612.042.843.135.687.804.0930* Tite1.641.642.443.243.976.889.404.884.5* Tite2.202.023.003.805.078.551.646.006.0* Tite2.632.633.434.235.739.841.366.8670* Tite2.823.624.425.7310.411.4127.248.6* Tite	10° Tilt	10° Tilt							
$20^{\circ}$ Tilt $1.24$ $1.61$ $2.04$ $2.84$ $3.13$ $5.68$ $7.80$ $4.08$ $30^{\circ}$ Tilt $1.64$ $2.44$ $3.24$ $3.97$ $6.88$ $9.40$ $4.88$ $45^{\circ}$ Tilt $2.20$ $3.00$ $3.80$ $5.07$ $8.55$ $1.44$ $6.00$ $60^{\circ}$ Tilt $1.64$ $3.43$ $4.23$ $5.73$ $9.84$ $13.36$ $6.86$ $70^{\circ}$ Tilt $1.64$ $3.62$ $4.23$ $5.73$ $9.84$ $13.46$ $6.86$ $70^{\circ}$ Tilt $1.82$ $3.62$ $4.42$ $5.73$ $10.41$ $14.12$ $7.24$ $80^{\circ}$ Tilt $1.81$ $1.82$ $1.82$ $1.82$ $1.84$ $1.84$ $1.84$	0.81	1.61	1.62	2.42	2.32	4.40	6.08	3.24	
1.241.612.042.843.135.687.804.08 <b>30° Tit</b> 1.441.642.443.243.976.889.404.88 <b>45° Tit</b> 2.202.023.003.805.078.551.646.00 <b>60° Tit</b> 2.332.633.434.235.739.841.366.86 <b>7° Tit</b> 2.822.823.624.425.731.041.4127.24 <b>60° Tit</b>	20° Tilt								
90° Tilt1.641.642.443.243.976.889.404.88 $45^\circ$ Tilt2.202.023.003.805.078.5511.646.00 $60^\circ$ Tilt2.632.633.434.235.739.8413.366.86 $70^\circ$ Tilt2.822.823.624.425.7310.1114.127.24 $70^\circ$ Tilt $70^\circ$	1.24	1.61	2.04	2.84	3.13	5.68	7.80	4.08	
1.641.642.443.243.976.889.404.88 $45^{\circ}$ Tilt2.202.003.003.805.078.5511.646.00 $60^{\circ}$ Tilt2.632.633.434.235.739.8413.366.86 $70^{\circ}$ Tilt2.822.823.624.425.7310.4114.127.2480^{\circ} Tilt $$	30° Tilt								
45° Tilt2.202.203.003.805.078.5511.646.0060° Tilt2.632.633.434.235.739.8413.366.8670° Tilt2.822.823.624.425.7310.1114.127.2480° Tilt	1.64	1.64	2.44	3.24	3.97	6.88	9.40	4.88	
2.20         3.00         3.80         5.07         8.55         11.64         6.00           60° Titt         2.63         3.43         4.23         5.73         9.84         13.36         6.86 <b>70° Titt</b> 2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24           2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24	45° Tilt								
60° Tilt           2.63         2.63         3.43         4.23         5.73         9.84         13.36         6.86           70° Tilt           2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24           80° Tilt	2.20	2.20	3.00	3.80	5.07	8.55	11.64	6.00	
2.63         2.63         3.43         4.23         5.73         9.84         13.36         6.86 <b>70° Tilt</b> 2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24 <b>80° Tilt</b>	60° Tilt								
70° Tilt           2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24           80° Tilt	2.63	2.63	3.43	4.23	5.73	9.84	13.36	6.86	
2.82         2.82         3.62         4.42         5.73         10.41         14.12         7.24           80° Tilt         Image: Second Sec	70° Tilt								
80° Tilt	2.82	2.82	3.62	4.42	5.73	10.41	14.12	7.24	
	80° Tilt								
2.93 2.93 3.73 4.53 5.73 10.74 14.56 7.46	2.93	2.93	3.73	4.53	5.73	10.74	14.56	7.46	
Tenon Configuration (90° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA									
PB-1A*: PT-1: PW- 1A3**         PB-2A*: PB-2R2:375; PD-2A4(180); PT-2(180); PW-2A3**         PB-2A*         PB-3A*:         PB-3A*: PT-3(120)         PB-3A*; PB-3R2:375         PB-4A*(180)         PB-4A*(90); PB-4R2:375	PB-1A*; PT-1; PW- 1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*	PB-3A*	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375	
90° Tilt	90° Tilt								
2.95 2.95 4.84 6.52 5.73 10.81 14.64 11.19	2.95	2.95	4.84	6.52	5.73	10.81	14.64	11.19	

\* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation \*\* These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

#### **Tenon EPA**

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A*(180)	2.22
PB-4A*(90)	1.11
PB-2R2.375	0.92
PB-3R2.375	1.62
PB-4R2.375	2.32
PD Series Tenons	0.09
PT Series Tenons	0.10
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25
WM-DM	None

#### Tenons and Brackets<sup>‡</sup> (must specify color)

Square Internal Mount Vertical Tenons (Steel) - Mounts to 3-6" (76-152mm) square aluminum or steel poles PB-1A\* - Single

PB-4A\*(90) - 90° Quad PB-2A\* – 180° Twin PB-3A\* – 180° Triple PB-4A\*(180) - 180° Quad

Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-2A4(90) - 90° Twin PD-2A4(180) - 180° Twin PD-4A4(90) - 90° Quad

#### Wall Mount Brackets

- Mounts to wall or roof WM-2 – Horizontal for OSQ-B-AA mount WM-4 – L-Shape for OSQ-B-AA mount WM-DM – Plate for OSQ-DA mount

#### Round External Mount Vertical Tenons (Steel)

- Mounts to 2.375" (60mm) 0.D. round aluminum or steel poles or tenons PB-2R2.375 - Twin

PB-4R2.375 - Quad

#### Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles

or tenons - Mounts to square pole with PB-1A\* tenon PT-1 – Single (Vertical) PT-2(90) – 90° Twin

PT-3(90) – 90° Triple PT-3(120) – 120° Triple PT-2(180) - 180° Twin PT-4(90) - 90° Quad

PW-2A3\*\* - Double

#### Mid-Pole Bracket - Mounts to square pole

PB-3R2.375 - Triple

PW-1A3\*\* - Single

#### **Ground Mount Post**

- For ground-mounted flood luminaires PGM-1 - for OSQ-B-AA mount

<sup>‡</sup> Refer to the <u>Bracket and Tenons spec sheet</u> for more details

\* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation \*\* These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

US: creelighting.com (800) 236-6800 Canada: creelighting-canada.com (800) 473-1234

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#### Luminaire EPA

Direct Arm Mount – OSQ-D					
Single	2 @ 180°	2 @ 90°	3@90°	3 @ 120°	4 @ 90°
- <b>-</b>				***	
0.80	1.61	1.26	2.06	1.68	2.52

#### **Direct Mount Configurations**

Compatibility with OSQ-DA Direct Mount Bracket							
Input Power Designator	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°		
3" Square							
T & U	N/A	✓	N/A	N/A	N/A		
3" Round	3" Round						
T & U	N/A	$\checkmark$	N/A	N/A	N/A		
4" Square							
T & U	$\checkmark$	$\checkmark$	$\checkmark$	N/A	$\checkmark$		
4" Round							
T & U	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
5" Square							
T & U	$\checkmark$	$\checkmark$	$\checkmark$	N/A	✓		
5" Round							
T & U	✓	$\checkmark$	✓	$\checkmark$	$\checkmark$		
6" + Square							
T & U	$\checkmark$	$\checkmark$	$\checkmark$	N/A	$\checkmark$		
6" + Round							
T & U	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		

#### Luminaire EPA

Trunnion Mount – OSQ-TM Weight: 36.1 lbs. (16.4kg)
Single
0° Tilt
0.81
15° Tilt
1.12
30° Tilt
1.74
45° Tilt
2.35
60° Tilt
2.59
75° Tilt
2.83
90° Tilt
3.07



### Field Adjustable Output (Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1) Option Description:

The Field Adjustable Output option enables the OSQ area luminaires to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected Q setting and will be fully adjustable between the nine settings.

Q	CCT/ CRI	System Watts	Lumen Values						Optics Qualified on DLC QPL		
Option Setting		120- 480V	Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/ BLS	3ME w/ BLS	4ME w/BLS	Standard	Premium	
Q9	30K7		20,700	20,200	21,300	15,900	16,300	15,900	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
	40K7	1	22,100	21,700	22,900	17,000	17,500	17,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	50K9	132	18,600	19,800	20,900	14,250	14,650	14,250	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7	1	22,100	21,700	22,900	22,300	17,500	22,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		19,300	18,800	19,800	14,775	15,200	14,775	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
	40K7	1	20,600	20,200	21,300	15,800	16,300	15,800	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
US US	50K9	122	17,300	18,400	19,400	13,250	13,625	13,250	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7	1	20,600	20,200	21,300	15,800	16,300	15,800	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		18,600	18,200	19,200	14,300	14,675	14,300	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
07	40K7		19,900	19,500	20,600	15,300	15,800	15,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
Q/	50K9		16,700	17,800	18,800	12,825	13,175	12,825	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7	]	19,900	19,500	20,600	15,300	15,800	15,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		17,200	16,800	17,700	13,200	13,525	13,200	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
04	40K7	109	18,300	18,000	19,000	14,100	14,525	14,100	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
Qo	50K9	108	15,400	16,400	17,300	11,825	12,150	11,825	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7	1	18,300	18,000	19,000	14,100	14,525	14,100	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		16,800	16,400	17,300	12,875	13,200	12,875	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
05	40K7	- 104	17,900	17,600	18,500	13,775	14,175	13,775	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
G.J	50K9		15,100	16,000	16,900	11,550	11,875	11,550	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7		17,900	17,600	18,500	13,775	14,175	13,775	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		16,100	15,800	16,600	12,400	12,725	12,400	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
0(	40K7	99	17,200	16,900	17,900	13,250	13,650	13,250	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
Q4	50K9	77	14,500	15,400	16,300	11,125	11,425	11,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7		17,200	16,900	17,900	13,250	13,650	13,250	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		14,700	14,350	15,100	11,300	11,575	11,300	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
02	40K7	00	15,700	15,400	16,300	12,075	12,425	12,075	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
GO CIO	50K9	07	13,200	14,050	14,850	10,125	10,400	10,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7		15,700	15,400	16,300	12,075	12,425	12,075	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		13,250	12,925	13,625	10,175	10,425	10,175	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
02	40K7	00	14,150	13,900	14,650	10,875	11,200	10,875	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
Q2	50K9	80	11,900	12,675	13,375	9,125	9,375	9,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7		14,150	13,900	14,650	10,875	11,200	10,875	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	30K7		10,975	10,700	11,300	8,425	8,650	8,425	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH	
01	40K7	66	11,725	11,500	12,125	9,000	9,275	9,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	50K9		9,850	10,500	11,075	7,550	7,775	7,550	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	
	57K7		11,725	11,500	12,125	9,000	9,275	9,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	

# Q Option Power & Lumen Data – Designator T

# CREE 🗧 LIGHTING

#### Field Adjustable Output (Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1) Option Description:

The Field Adjustable Output option enables the OSQ area luminaires to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected Q setting and will be fully adjustable between the nine settings.

# Q Option Power & Lumen Data – Designator U

Q	CCT/	System Watts	Lumen Value	5					Optics Qualified on DLC QPL		
Option Setting	CRI	120- 480V	Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/ BLS	3ME w/ BLS	4ME w/BLS	Standard	Premium	
	30K7		27,800	26,600	28,400	21,400	21,900	21,400	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
Q9	40K7		29,100	27,800	29,700	22,300	23,000	22,300	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
	50K9	202	22,300	23,600	25,200	17,100	17,600	17,100	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7	]	29,100	27,800	29,700	22,300	23,000	22,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		27,000	25,800	27,500	20,800	21,200	20,800	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	40K7	101	28,200	27,000	28,800	21,600	22,300	21,600	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
U8	50K9	191	21,600	22,900	24,400	16,600	17,100	16,600	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7	]	28,200	27,000	28,800	21,600	22,300	21,600	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		25,600	24,500	26,100	19,700	20,100	19,700	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
07	40K7	101	26,800	25,600	27,300	20,500	21,200	20,500	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
Q/	50K9	181	20,500	21,700	23,200	15,700	16,200	15,700	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7	]	26,800	25,600	27,300	20,500	21,200	20,500	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		24,700	23,700	25,300	19,000	19,500	19,000	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
0(	40K7	170	25,900	24,700	26,400	19,800	20,500	19,800	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
Qo	50K9	1/3	19,800	21,000	22,400	15,200	15,700	15,200	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		25,900	24,700	26,400	19,800	20,500	19,800	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7	159	22,800	21,800	23,300	17,500	18,000	17,500	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
OF	40K7		23,900	22,800	24,400	18,300	18,900	18,300	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
Q5	50K9		18,300	19,400	20,700	14,025	14,425	14,025	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		23,900	22,800	24,400	18,300	18,900	18,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		21,100	20,200	21,600	16,300	16,600	16,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
0(	40K7	1/2	22,100	21,100	22,600	16,900	17,500	16,900	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
Q4	50K9	145	16,900	17,900	19,200	13,000	13,375	13,000	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		22,100	21,100	22,600	16,900	17,500	16,900	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		18,900	18,100	19,300	14,550	14,900	14,550	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
02	40K7	120	19,800	18,900	20,200	15,200	15,600	15,200	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
43	50K9	120	15,200	16,000	17,100	11,625	11,975	11,625	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		19,800	18,900	20,200	15,200	15,600	15,200	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		17,000	16,200	17,300	13,050	13,350	13,050	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
02	40K7	11/	17,800	17,000	18,100	13,600	14,025	13,600	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
QZ	50K9	] 114	13,600	14,400	15,400	10,425	10,725	10,425	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		17,800	17,000	18,100	13,600	14,025	13,600	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
	30K7		15,300	14,625	15,600	11,775	12,050	11,775	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	
01	40K7	101	16,000	15,300	16,300	12,275	12,650	12,275	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME	
	50K9		12,275	12,975	13,850	9,400	9,675	9,400	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A	
	57K7		16,000	15,300	16,300	12,275	12,650	12,275	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME	



#### OSQ<sup>™</sup> LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Large





**RR/RL** Configuration



**TSP Mount** 

Weight

44.0 lbs. (20.0kg)









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**CREE**  LIGHTING

A COMPANY OF **IDEAL INDUSTRIES, INC.** 

SET DATE FOR HEARING ON EXPANDED URBAN RENEWAL AREA DESIGNATION AND URBAN RENEWAL PLAN AMENDMENT

421033-82

North Liberty, Iowa

July 13, 2021

The City Council of the City of North Liberty, Iowa, met on July 13, 2021, at \_\_\_\_\_\_ o'clock, \_\_\_.m., at the \_\_\_\_\_\_, in the City, for the purpose of setting a date for a public hearing on the designation of an expanded urban renewal area and on a proposed urban renewal plan amendment. The Mayor presided and the roll being called, the following members of the Council were present and absent:

Present: \_\_\_\_\_\_\_ Absent: \_\_\_\_\_\_

The Mayor announced that an amendment to the boundaries of the North Liberty Urban Renewal Area had been prepared, along with an amendment to the urban renewal plan for the area, and that it was now necessary to set a date for a public hearing on the proposed amended area and proposed amendment to the urban renewal plan. Accordingly, Council Member \_\_\_\_\_ moved the adoption of the following resolution entitled "Resolution Setting Date for a Public Hearing on Designation of the Expanded North Liberty Urban Renewal Area and on Urban Renewal Plan Amendment." and the motion was seconded by Council Member Following due consideration, the Mayor put the \_\_\_\_. guestion on the motion and the roll being called, the following named Council Members voted:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_\_.

Whereupon, the Mayor declared the resolution duly adopted as follows:

# Resolution No. 2021-67

# RESOLUTION SETTING DATE FOR PUBLIC HEARING ON DESIGNATION OF THE EXPANDED NORTH LIBERTY URBAN RENEWAL AREA AND ON URBAN RENEWAL PLAN AMENDMENT

**WHEREAS,** this City Council of the City of North Liberty, Iowa (the "City") by resolution previously established the North Liberty Urban Renewal Area (the "Urban Renewal Area") and adopted an urban renewal plan (the "Plan") for the governance of projects and initiatives therein; and

**WHEREAS,** a proposal has been made which shows the desirability of expanding the Urban Renewal Area to add and include all the property (the "Property") lying within the legal description set out in Exhibit A; and

**WHEREAS,** this City Council is desirous of obtaining as much information as possible from the residents of the City before making this decision; and

WHEREAS, an amendment (the "Amendment") to the Plan has been prepared which (1) covers the addition of the Property to the Urban Renewal Area; and (2) authorizes the undertaking of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing improvements to Penn Meadows Park; and (b) using tax increment financing to pay the costs of constructing arterial and collector street improvements; and

**WHEREAS,** it is now necessary that a date be set for a public hearing on the designation of the expansion of the Urban Renewal Area and on the Amendment;

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of North Liberty, Iowa, as follows:

Section 1. This City Council will meet at the Council Chambers, North Liberty, Iowa, on August 10, 2021, at 6:30 p.m., at which time and place it will hold a public hearing on the designation of the expanded Urban Renewal Area described in the preamble hereof and on the Amendment.

Section 2. The City Clerk shall publish notice of said hearing, the same being in the form attached hereto, which publication shall be made in a legal newspaper of general circulation in North Liberty, which publication shall be not less than four (4) and not more than twenty (20) days before the date set for hearing.

Section 3. Pursuant to Section 403.5 of the Code of Iowa, the City Administrator and/or the Assistant City Administrator are hereby designated as the City's

representatives in connection with the consultation process which is required under that section of the urban renewal law. It is hereby directed that representatives of Johnson County and the Clear Creek Amana Community School District be invited to participate in the consultation.

Section 4. The proposed Amendment is hereby submitted to the City's Planning and Zoning Commission for review and recommendations, as required by Section 403.5, Code of Iowa.

**APPROVED AND ADOPTED** this 13th day of July, 2021.

# CITY OF NORTH LIBERTY:

TERRY L. DONAHUE, MAYOR

ATTEST:

I, Tracey Mulcahey, City Clerk of the City of North Liberty, hereby certify that at a meeting of the City Council of said City, held on the above date, among other proceedings, the above was adopted.

TRACEY MULCAHEY, CITY CLERK

# NOTICE OF PUBLIC HEARING ON DESIGNATION OF EXPANDED NORTH LIBERTY URBAN RENEWAL AREA AND ON PROPOSED URBAN RENEWAL PLAN AMENDMENT

Notice Is Hereby Given: That at 6:30 p.m., at the Council Chambers, North Liberty, Iowa, on August 10, 2021, the City Council of the City of North Liberty will hold a public hearing on the question of amending the urban renewal plan (the "Plan") for the North Liberty Urban Renewal Area and designating expanded North Liberty Urban Renewal Area"), pursuant to Chapter 403, Code of Iowa, by adding and including all the property described as follows:

All of the public right-of-way of St. Andrews Drive from and including its intersection with Kansas Avenue on the west and continuing east to and including its intersection with the Centennial Park East Driveway.

The proposed amendment to the Plan brings the property described above under the Plan and makes it subject to the provisions of the Plan. The amendment includes the authorization of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing improvements to Penn Meadows Park; and (b) using tax increment financing to pay the costs of constructing arterial and collector street improvements.

At said hearing any interested person may file written objections or comments and may be heard orally with respect to the subject matters of the hearing.

Tracey Mulcahey City Clerk • • • • •

On motion and vote the meeting adjourned.

TERRY L. DONAHUE, MAYOR

Attest:

TRACEY MULCAHEY, CITY CLERK

# EXHIBIT A Legal Description Expanded North Liberty Urban Renewal Area (August, 2021 Addition)

All of the public right-of-way of St. Andrews Drive from and including its intersection with Kansas Avenue on the west and continuing east to and including its intersection with the Centennial Park East Driveway.

# STATE OF IOWA JOHNSON COUNTY CITY OF NORTH LIBERTY

SS:

I, the undersigned, City Clerk of the City of North Liberty do hereby certify that pursuant to the resolution of its City Council fixing a date of public hearing on the question of designating the expanded North Liberty Urban Renewal Area for the City and on a proposed urban renewal plan amendment, the notice, of which the printed slip attached to the publisher's affidavit hereto attached is a true and complete copy, was published on the date and in the newspaper specified in such affidavit, which newspaper has a general circulation in the City, and copies were sent to the county and school district.

WITNESS my hand this \_\_\_\_\_ day of \_\_\_\_\_\_, 2021.

TRACEY MULCAHEY, CITY CLERK

(Attach here publisher's affidavit of publication of notice.)

(PLEASE NOTE: This certificate must not be dated until the publication has been made and you have reviewed it to be sure that the notice was published on the date indicated in the attached affidavit.)

# STATE OF IOWA JOHNSON COUNTY CITY OF NORTH LIBERTY

SS:

I, the undersigned, City Clerk of the City of North Liberty, do hereby certify that as such I have in my possession or have access to the complete corporate records of the City and of its officers; and that I have carefully compared the transcript hereto attached with those records and that the attached is a true, correct and complete copy of the corporate records relating to the action taken by the City Council preliminary to and in connection with setting a date for public hearing on the question of designating the expanded North Liberty Urban Renewal Area for the City and on an urban renewal plan amendment.

WITNESS my hand this \_\_\_\_ day of \_\_\_\_\_, 2021.

TRACEY MULCAHEY, CITY CLERK



July 8, 2021

# VIA EMAIL

Ryan Heiar City Administrator/City Hall North Liberty, IA

> Re: North Liberty Urban Renewal Area (August, 2021 Addition) Our File No. 421033-82

Dear Ryan:

We have prepared the attached materials which will enable the City Council to act on July 13, 2021 to set August 10, 2021 as the date for a public hearing on the expansion of the North Liberty Urban Renewal Area and on an amendment to the existing urban renewal plan for the Area.

The notice which is included in the attached resolution must be published once, not less than four (4) and not more than twenty (20) days prior to the date selected for the hearing. The last date on which the notice can effectively be published is August 6, 2021. Please print a separate copy of the notice for delivery to the newspaper, and please email a copy of the published notice orngard.severie@dorsey.com.

In addition to publishing the notice of a hearing, a copy of the amendment to the urban renewal plan must be submitted to the Planning and Zoning Commission, and the Commission must provide a written recommendation to the City Council with respect to whether the amendment is in conformance with the City's general or comprehensive plans.

Also, a "consultation session" must be set up with Johnson County and the Clear Creek Amana Community School District. Please refer to my separate letter attached for further details.

Please return one fully executed set of these proceedings, once all the actions have been taken, and contact John Danos, Severie Orngard, or me if you have any questions.

Kind regards,

Amy Bjork

Attachments

cc: Tracey Mulcahey



July 8, 2021

# VIA EMAIL

Ryan Heiar City Administrator/City Hall North Liberty, IA

> Re: North Liberty Urban Renewal Area Amendment/Consultation Session Our File Number: 421033-82

Dear Ryan:

The Iowa Urban Renewal Law requires that the City provide information concerning a proposed urban renewal plan amendment to certain other governmental bodies which might be affected by the use of tax increment financing within the amended urban renewal area. Specifically, the City must send a copy of the urban renewal plan amendment and an invitation to attend a meeting to discuss the urban renewal plan amendment to any county and school district whose jurisdiction covers any property to be included within the amended urban renewal area. This consultation must be held at least two weeks before the public hearing on August 10, 2021.

It is our understanding that the property within the City's amended urban renewal area would affect Johnson County and the Clear Creek Amana Community School District.

Attached is a draft letter which you may use in order to provide notification to these governmental entities of the date, time and place of a meeting at which they may discuss the urban renewal plan amendment. The law does not require that this be a meeting of the City Council, and you may use your discretion about who represents the City at the meeting.

Along with the letter, you should send a copy of the urban renewal plan amendment and a copy of the notice of the public hearing on the urban renewal plan amendment.

According to our records, here are the mailing addresses for the individuals who should receive the notification letter and the enclosures:

Board of Supervisors c/o Johnson County Auditor Administration Building 913 South Dubuque Street, Suite 101 Iowa City, Iowa 52240



Page 2

Superintendent Clear Creek Amana Community School District 486 Highway 6 NW PO Box 487 Oxford, Iowa 52322

Please call John Danos, Severie Orngard, or me if you have questions.

Kind regards,

Amy Bjork

Attachment

cc: Tracey Mulcahey

# [City letterhead]

DATE:	
TO:	Board of Supervisors, Johnson County Superintendent, Clear Creek Amana Community School District
FROM:	City Council City of North Liberty, Iowa

RE: North Liberty Urban Renewal Area Amendment

The City of North Liberty is in the process of expanding its North Liberty Urban Renewal Area, and amending the urban renewal plan for the area and, pursuant to Section 403.5 of the Code of Iowa, the City is sending you the enclosed copy of its urban renewal plan amendment and scheduling a meeting at which you will have the opportunity to discuss this amendment.

The meeting to discuss our urban renewal plan amendment has been set for \_\_\_\_\_\_, 2021, at \_\_\_\_\_\_ o'clock \_\_.m. at the \_\_\_\_\_\_ in North Liberty. If you are unable to send a representative to the meeting, we invite your written comments. In addition, Section 403.5 gives your designated representative the right to make written recommendations concerning the urban renewal plan amendment no later than seven days

following the date of the meeting.

The City Council will also hold a public hearing on this urban renewal plan amendment at \_\_\_\_\_\_ o'clock \_\_\_.m. on August 10, 2021, and a copy of the notice of hearing is enclosed for your information.

Please call our City Administrator at (319) 626-5712 if you have questions.

Enclosure



July 14, 2021

To: City of North Liberty, Iowa Planning & Zoning Commission

Re: North Liberty Urban Renewal Area/Urban Renewal Plan Amendment

A public hearing will be held by the City Council on August 10, 2021 on a proposed amendment to the urban renewal plan for the North Liberty Urban Renewal Area to add the property legally described in the proposed amendment and to approve a new urban renewal project. I have prepared this memorandum to assist the Commission in performing its role in this process.

Section 403.5 of the Code of Iowa requires that, before they hold a public hearing, the City Council must submit a copy of the proposed plan amendment to the Commission, "for review and recommendations as to its conformity with the general plan for the development" of the City. The statute does not require that the Commission hold a hearing on the proposed plan amendment, nor does it require that the Commission take any action to either approve or reject the proposed plan amendment. It directs that the Commission review the plan amendment and comment to the City Council as to whether the plan amendment conforms to, or is consistent with, the City's Comprehensive Plan. Please complete your review and submit any comments to the City Council by Noon on August 10, 2021.

Please call John Danos or me at (515) 283-1000 if you have questions about the statutory process.

Kind regards,

Amy Bjork



# North Liberty Planning Commission Minutes July 6, 2021

## <u>Roll Call</u>

Chair Rebecca Keogh called the July 6, 2021 Planning Commission to order at 6:30 p.m. Commission members present: Barry A'Hearn, Jason Heisler, Rebecca Keogh, Joesy Bathke, David Willer; absent: Patrick Staber, Jessica Marks.

Other Present: Grant Lientz, Ryan Rusnak, Ben Mitchell, Derek Blackman, Carter Kurdlre, and other interested citizens.

# Approval of the Agenda

A'Hearn moved, seconded by Heisler, to approve the agenda. The vote was all ayes. Agenda approved.

## **Election of Chairperson**

Bathke moved, seconded by Heisler, to appoint Keogh as Chairperson. The vote was all ayes. Motion carried.

## Election of Vice-Chairperson.

Keogh moved, seconded by A'Hearn, to appoint Bathke as Vice-Chairperson. The vote was all ayes. Motion carried.

# Liberty Door Site Plan

## Staff Presentation

Rusnak presented the request of the 13,045 square foot building addition, a 12,000 square foot standalone building, and related infrastructure. The proposed use of the buildings is contractor bays. Staff recommends that the Planning Commission accept the two listed findings:

- 1. The proposed use of the property would be consistent with the current I-1 Light Industrial District; and
- 2. The site plan would achieve consistency with North Liberty Code of Ordinances Section 165.04(2) entitled, "Site Plan Requirements "Section 169.12 entitled "Design Standards, Section 169.13, entitled "Other Design Standards" and other Code of

Ordinances requirements, respectively; and forward the request to approve the Site Plan to the City Council with a recommendation for approval.

Applicants Presentation Ben Mitchell, from MMS Consultants was available for questions.

Public Comments No public comment was offered.

Questions and Comments

The Commission had no discussion on the application.

# Recommendation to the City Council

Bathke moved, seconded by Heisler, that the Planning Commission accept the two findings listed and forward the site plan to the City Council with a recommendation for approval. The vote was: ayes–Bathke, Keogh, Heisler, A'Hearn, Willer; nays–none; absent–Marks, Staber. Motion carried.

# Zoning Map Amendment

# Staff Presentation

Rusnak presented the City-initiated zoning map amendment which is located on 1.72 acres, more or less, from I-1 Light Industrial District to C-2-A Highway Commercial District on property located at the southwest corner of Highway 965 and 240th Street (625 240th St). Staff's opinion is that this property is located on a primary corridor of North Liberty, and without this amendment the City would not have legal authority to deny a site plan, which is consistent with the I-1 District and industrial design guidelines. Staff recommends the Planning Commission accept the two listed findings:

- 1. Section 165.08 pf the North Liberty Code of Ordinances empowers the City to initiate zoning map amendments; and
- 2. The zoning map amendment would be consistent with the North Liberty Comprehensive Plan Future Land Use Map; respectively, and

forward the request to approve the Zoning Amendment and recommend approval to the City Council.

Public Hearing was opened at 6:45 p.m. Staff has not received any formal objection to the request. The hearing was closed.

# Public Comments

No public comments were offered.

A'Hearn moved, seconded by Willer, that the Planning Commission accept the two listed findings and forward the zoning map amendment to the City Council with a recommendation for approval. The vote was: ayes—A'Hearn, Heisler, WIller Bathke, Keogh; nays—none; absent— Marks, Staber. Motion carried.

# **Approval of Previous Minutes**

Heisler moved, seconded by A'Hearn to approve the minutes of the June 1, 2021 Planning Commission meeting. The vote was all ayes. Minutes approved.

# **Old Business**

No old business was presented.

## **New Business**

No old business was presented.

## Adjournment

At 6:50 p.m. Heisler moved, A'Hearn seconded to adjourn the meeting. All ayes. Meeting adjourned.

Minutes by Mary Byers, Deputy City Clerk