

LAKE COUNTY EAST LAKE SPORTS & COMMUNITY COMPLEX PHASE 1 LIGHTING IMPROVEMENTS

FOR
LAKE COUNTY FLORIDA
24809 Wallick Road
Sorrento, FL 32776

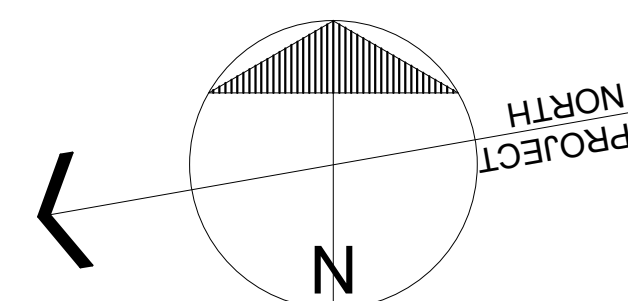
CLIENT PROJECT No. : 2008030007

7/24/2023

DEVELOPMENT REVIEW	
PROJECT #	2008030007 APPLICATION REQUEST #
PROJECT NAME:	East Lake Sports & Community Complex - Phase #1 Lighting Improvements
ALTERNATE KEY #	1802709 ORDINANCE # 2020-10
REVIEWER PLEASE SIGN AND DATE BELOW	
PLANNING & ZONING	
COMMENTS:	
ENVIRONMENTAL	
COMMENTS:	
LANDSCAPE	
COMMENTS:	
PUBLIC SAFETY / EMERGENCY 911	
COMMENTS:	
HEALTH DEPARTMENT	
COMMENTS:	
BUILDING	
COMMENTS:	
FIRE	
COMMENTS:	
CONCURRENCY	
COMMENTS:	
PUBLIC WORKS	
COMMENTS:	
PRELIMINARY/FINAL DEVELOPMENT REVIEW	
APPROVAL	
DATED	DIRECTOR, OFFICE OF PLANNING & ZONING (OR DESIGNEE)



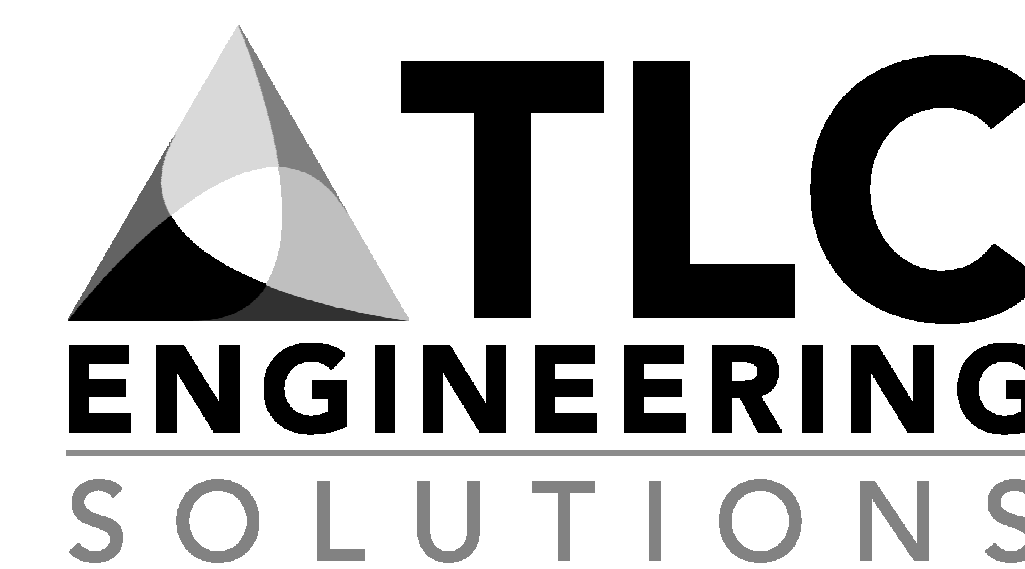
SITE LOCATION MAP



LAKE COUNTY FLORIDA
315 West Main Street
Tavares, FL 32778
352-343-9850

LAKE COUNTY BOARD OF
COUNTY COMMISSIONERS

- District 1 - Douglas B. Shields
- District 2 - Sean M. Parks
- District 3 - Kirby Smith (Chairman)
- District 4 - Leslie Campione
- District 5 - Josh Blake



7370 Cabot Court, Suite 103
Melbourne, FL 32940
P 321.636.0274
www.tlc-engineers.com

COA 15

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TLC Project No. : 522236

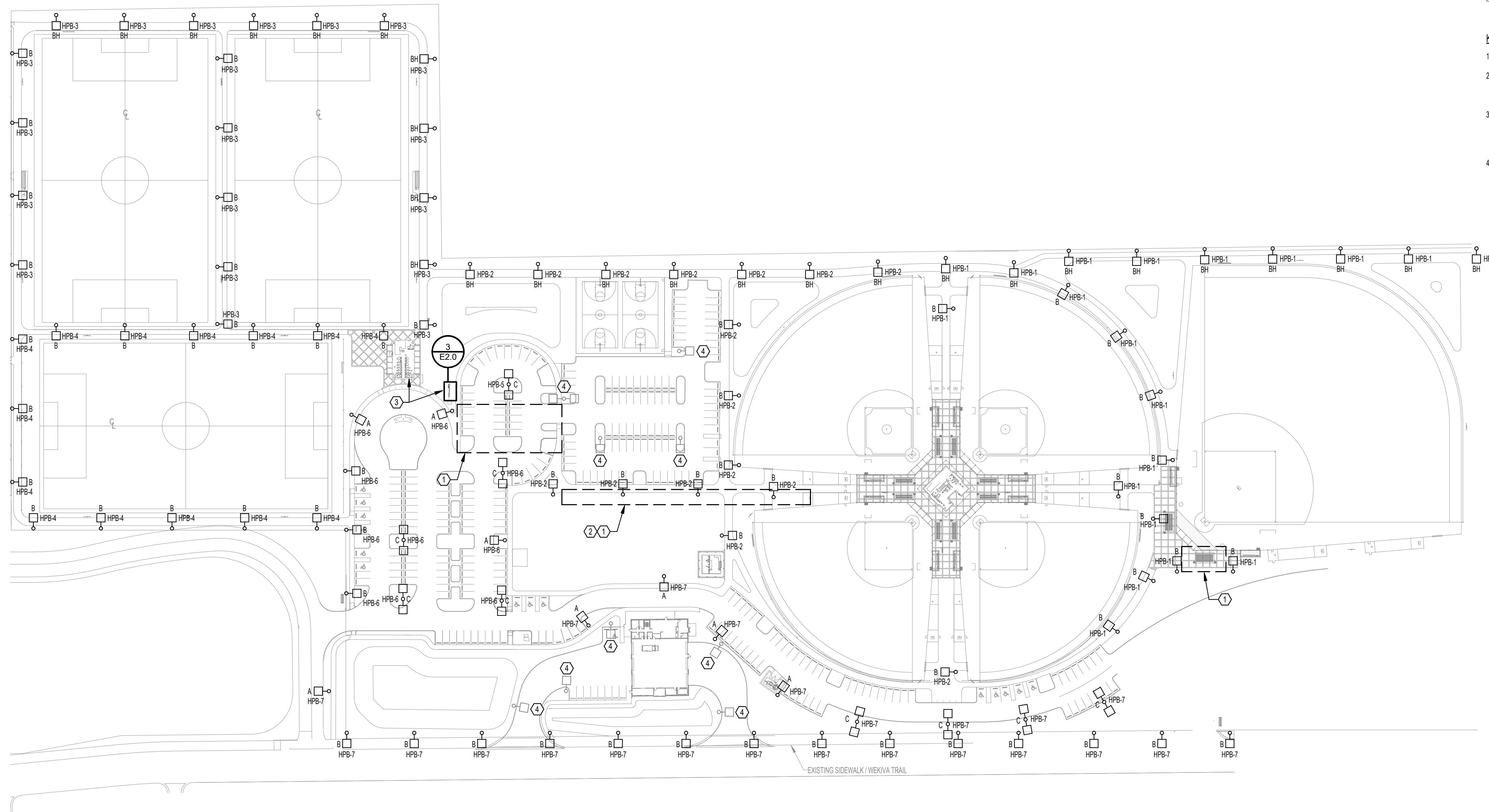
THINK. LISTEN. CREATE.

Drawing Title:
COVER SHEET

Drawing No.:
C0.1

C:\Revit\2022\Local\622236 Lake County East Lake Complex Lig_MEP_R02_carnie.morrell.rvt

8/9/2023 5:32:26 PM



PLAN NOTES:

- A. UNLESS OTHERWISE NOTED, ALL CONDUIT ROUTED ON SITE SHALL BE 1" MINIMUM.
- B. ALL RISERS SHALL BE PVC COATED RIGID GALVANIZED STEEL (RGS). ALL ELLS BELOW GRADE SHALL BE PVC COATED RIGID GALVANIZED STEEL (RGS). PROVIDE WITH PVC TO STEEL ADAPTORS AS NECESSARY (THIS SHALL NOT APPLY TO LIGHT FIXTURE POLE BASES).
- C. ALL ELECTRICAL WORK AND FEES ASSOCIATED WITH UTILITIES SHALL BE VERIFIED AND COORDINATED WITH LOCAL SERVICE PROVIDER PRIOR TO BID.
- D. CONTRACTOR SHALL REFERENCE ALL RELATED CONTRACT DOCUMENTS, SITE SURVEY, AND OTHER RESOURCES FOR POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES. AT UTILITY CROSSINGS, CONTRACTOR SHALL VERIFY UTILITY DEPTHS AND COORDINATE CONDUIT ROUTING AS NECESSARY.
- E. CONTRACTOR SHALL VERIFY AND COORDINATE EXISTING CONDITIONS OF PROJECT SITE PRIOR TO BID.
- F. REPAIR SIDEWALK TO MATCH EXISTING WHERE AFFECTED BY CONSTRUCTION.
- G. PROVIDE PULL BOXES EVERY 200 FEET.
- H. BASKETBALL COURT SPORTS & PARKING LOT LIGHTING, BASEBALL DIAMOND SPORTS LIGHTING, AND FIRE STATION LIGHTING IS EXISTING TO REMAIN AND IS NOT IN CONTRACT.
- I. PARKING LOT LIGHTING AND PATHWAY LIGHTING SHALL BE CONTROLLED SEPARATELY.

KEYED NOTES:

- 1. EXISTING WOOD POLES IN THIS AREA TO BE REMOVED BY OWNER.
- 2. CONTRACTOR SHALL TAKE SPECIAL NOTICE OF LARGE VOLUME OF EXISTING UTILITY LINES IN THIS AREA TO AVOID ROUTING CONFLICTS OR DAMAGE TO EXISTING UTILITIES.
- 3. PROVIDE MANUAL SWITCH FOR PARK LIGHTING IN ELECTRICAL ROOM INSIDE EXISTING RESTROOM BUILDING IF SPARE 3/4" CONDUIT IS AVAILABLE BETWEEN BUILDING AND ELECTRICAL YARD. IF SPARE CONDUIT IS NOT AVAILABLE, LOCATE SWITCH IN ELECTRICAL YARD AND PROVIDE WEATHERPROOF ENCLOSURE.
- 4. EXISTING LIGHT POLE TO REMAIN.



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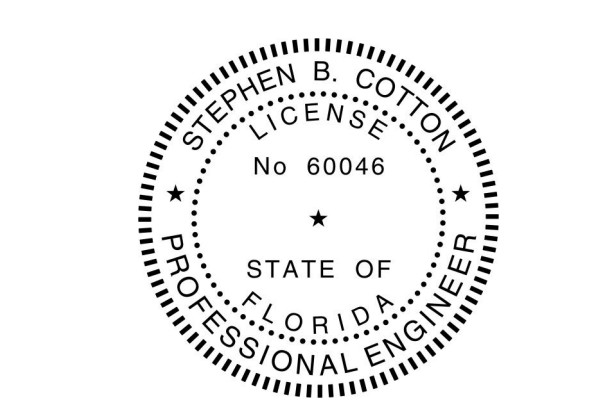
COA 15
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TLC Project No.: 522236
THINK. LISTEN. CREATE.

**LAKE COUNTY EAST LAKE
SPORTS & COMMUNITY
COMPLEX PHASE 1
LIGHTING IMPROVEMENTS**
24809 Wallick Road
Sorrento, FL 32776

Consultants:

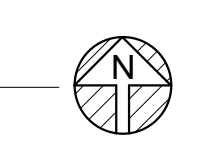
Revisions:		
No.	Date	Description

Seal



Project No.:	522236
Issue Date:	7/24/2023
Drawn By:	CLM
Approved By:	SBC
Scale:	1" = 80'-0"
Drawing Title:	SITE LIGHTING PLAN

1 SITE LIGHTING PLAN
E1.0 1" = 80'-0"



Drawing No.: **E1.0**

Project Name: Lake County East Lake Complex Site Lighting Part Number: SAS-15L-U-40-T4-UMBR-BLK Type: A

SKYLINE AREA LIGHT SERIES



407-478-3759 www.ilp-inc.com

Product Overview

SCAN ME

• Specification Grade die-cast aluminum housing
• Bronze polyester powder coat finish (standard)
• Custom and factory select colors available
• 5 Optical Distributions with Highest Uniformity in their product class
• Factory Rotatable Type 2, 3, 4, 5 Square, & Automotive Front Row Optics
• Optional Spill Light Control Integral Shield (HSS)
• Universal Quick Pole Mount Allows for 1 man installation on existing poles with no drilling required
• 9 Different Optional Mounting Methods (3G Rated)¹
• Single Fastener hinged door driver access
• 120-277V Universal Voltage or 347-480V High Voltage
• 0-10V Dimmable Driver (std)
• PIR Occupancy, Photocell, & Bi-Level Dimming Sensors Available
• 3-Pin & 7-Pin ANSI C136-41 Control Receptacle Options
• Wireless control of integrated luminaire
• 3000K, 4000K & 5000K CCT
• >70 Color Rendering Index (CRI)
• Calculated L80 >100,000 hrs @ 25°C per TM-21-11
• IP65 Rated Luminaire
• Dark Sky Compliant²
• 5 Year Warranty, 10 Year Optional Warranty³
• ETL Listed for Wet Locations
• DesignLights Consortium⁴ Premium Qualified Luminaire

1 3000K is ICA Listed 2 Must select UMB, WFM, or HTM mounting options to qualify TRN & SFP 1.5G Rated 3 Requires additional Surge Protection (SP1, SP2, SP480V2). For additional details see General Terms and Conditions.

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SUITABLE APPLICATIONS

• Parking Lots • Parking Structure • Parks • Education • Hospitals • Car Dealerships • Roadways • Shopping Centers

ORDERING GUIDE

SERIES	LUMENS	VOLTAGE	CCT	DISTRIBUTION	ORIENTATION	MOUNTING	FINISH	WARRANTY
<input checked="" type="checkbox"/> SAS Small	<input type="checkbox"/> 9L 9,000 lm	<input checked="" type="checkbox"/> U 120-277V	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> T2 Type 2	<input checked="" type="checkbox"/> (Blank) Standard	<input type="checkbox"/> SLFP Adjustable Slip Fitter	<input type="checkbox"/> BRZ	<input checked="" type="checkbox"/> (Blank) 5YR
	<input type="checkbox"/> 12L 12,000 lm	<input checked="" type="checkbox"/> HV 347-480V	<input checked="" type="checkbox"/> 40 4000K	<input type="checkbox"/> T3 T3 - Type 3	<input type="checkbox"/> L Optics Rotated Left	<input type="checkbox"/> UMB Universal Fixed	<input checked="" type="checkbox"/> BLK	<input type="checkbox"/> 10YR* 10YR
	<input type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> S0 5000K	<input type="checkbox"/> T4 T4 - Type 4	<input type="checkbox"/> R Optics Rotated Right	<input checked="" type="checkbox"/> UMBR Universal Mount Sgr/ Rnd pole 3"-6"	<input type="checkbox"/> WHI	<input type="checkbox"/> SLV	
	<input checked="" type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UAB Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WFM Wall Fixed Mount	<input type="checkbox"/> RALxxxx*	
	<input type="checkbox"/> 18L 18,000 lm	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UABR Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WAM Wall Adjustable Mount	<input type="checkbox"/> TRN Trunnion Mount	<input type="checkbox"/> HTM Horizontal Tenon Mount	
<input type="checkbox"/> SAM Med	<input type="checkbox"/> 24L 24,000 lm							
	<input type="checkbox"/> 30L 30,000 lm							
	<input type="checkbox"/> 36L 36,000 lm							
	<input type="checkbox"/> 42L 42,000 lm							
	<input type="checkbox"/> 50L 50,000 lm							

BASIC CONTROLS		ADVANCED CONTROLS	
<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> FAO ¹ Field Adjustable Output	<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> SYN ¹ Synapse Control System
<input type="checkbox"/> CR3P ² 3-Pin NEMA Control Receptacle	<input type="checkbox"/> CR7P ² 7-Pin NEMA Control Receptacle	<input type="checkbox"/> SYNS/LX ^{1A} Synapse Control System w/ Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LC ^{1A} Enlighted 55 Individual Lighting (IL) Sensor with Control Unit
<input type="checkbox"/> FSP-311/LX ^{1A} Legrand FSP-311 120-277V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> FSP-321/LX ^{1A} Legrand FSP-321 347-480V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LOT ^{1A} Enlighted 55 Internet of Things (IoT) Sensor with Control Unit	<input type="checkbox"/> ZLD12 ^{1A} Leviton ZLD12 120-277V Bluetooth Groupable Sensor (16 Devices with 8-20' & 20-40' lens included)
<input type="checkbox"/> CR3P/FAO ² Universal 3-Pin control receptacle (See acc. for photo) with Field Adjustable Output - 7 level selection connected to 0-10V dimming wires	<input type="checkbox"/> CR7P/FAO ² Universal 7-Pin control receptacle with FSP Sensor (X = Mounting Height 3'-20', 7'-40') (Controls provided by others)	<input type="checkbox"/> TL7/HVG ^{1A} Synapse Twist Lock Mesh Network 480V	<input type="checkbox"/> TL7/HVG ^{1A} Synapse Twist Lock Mesh Network 480V
<input type="checkbox"/> CR7P/FSP/LX ² Universal 7-Pin control receptacle with FSP Sensor (X = Mounting Height 3'-20', 7'-40') (Controls provided by others)		<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell
<input type="checkbox"/> SP1 ¹ 10A Surge Protection Device	<input checked="" type="checkbox"/> SAx/BIRD Bird Spikes (x= fixture size)	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell	<input type="checkbox"/> ILP PAINT CHIP PACK ILP Standard Color Paint Chips
<input type="checkbox"/> SP2 ¹ 20A Surge Protection Device	<input type="checkbox"/> SAx/GS ¹ Rotatable Glare Shield (x= fixture size)		
<input type="checkbox"/> SP1HV ¹ 100A Max 480V Surge Protector	<input type="checkbox"/> TL7/B21 ^{1A} Synapse Twist Lock Mesh Network 120-277V		
<input type="checkbox"/> SP480V2 ¹ 20A Max 480V Surge Protector	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell		
<input type="checkbox"/> HSS ¹ Rotatable House Side Shield			
<input type="checkbox"/> FUSE/XXXK FUSE 120V, 277V, 347V (x= voltage)			
<input type="checkbox"/> FUSE/DOXX FUSE 200V, 240V, 480V (x= voltage)			

Options - Factory Installed: (Blank) None, SP1 10A Surge Protection Device, SP2 20A Surge Protection Device, SP1HV 100A Max 480V Surge Protector, SP480V2 20A Max 480V Surge Protector, HSS Rotatable House Side Shield, FUSE/XXXK FUSE 120V, 277V, 347V (x= voltage), FUSE/DOXX FUSE 200V, 240V, 480V (x= voltage)

Accessories: (Blank) None, SAx/BIRD Bird Spikes (x= fixture size), SAx/GS Rotatable Glare Shield (x= fixture size), TL7/B21 Synapse Twist Lock Mesh Network 120-277V, TLP/C/UNV 120-277V Twist Lock Photocell, ILP PAINT CHIP PACK ILP Standard Color Paint Chips, TL7/HVG Synapse Twist Lock Mesh Network 480V, TLP/C/UNV 120-277V Twist Lock Photocell

Notes: ¹ Control Factory for Site Layout. For HV models contact Factory for pricing. ² Requires additional Surge Protection (SP1, SP2, SP480V2). ³ Requires additional Surge Protection (SP1, SP2, SP480V2). ⁴ Requires Bluetooth Enabled device for programming (provided by others). Only Compatible with CR3P and CR7P. *Only one control option allowed.

Project Name: Lake County East Lake Complex Site Lighting Part Number: SAS-6L-U-40-T4-UMBR-BLK Type: B

SKYLINE AREA LIGHT SERIES



407-478-3759 www.ilp-inc.com

Product Overview

SCAN ME

• Specification Grade die-cast aluminum housing
• Bronze polyester powder coat finish (standard)
• Custom and factory select colors available
• 5 Optical Distributions with Highest Uniformity in their product class
• Factory Rotatable Type 2, 3, 4, 5 Square, & Automotive Front Row Optics
• Optional Spill Light Control Integral Shield (HSS)
• Universal Quick Pole Mount Allows for 1 man installation on existing poles with no drilling required
• 9 Different Optional Mounting Methods (3G Rated)¹
• Single Fastener hinged door driver access
• 120-277V Universal Voltage or 347-480V High Voltage
• 0-10V Dimmable Driver (std)
• PIR Occupancy, Photocell, & Bi-Level Dimming Sensors Available
• 3-Pin & 7-Pin ANSI C136-41 Control Receptacle Options
• Wireless control of integrated luminaire
• 3000K, 4000K & 5000K CCT
• >70 Color Rendering Index (CRI)
• Calculated L80 >100,000 hrs @ 25°C per TM-21-11
• IP65 Rated Luminaire
• Dark Sky Compliant²
• 5 Year Warranty, 10 Year Optional Warranty³
• ETL Listed for Wet Locations
• DesignLights Consortium⁴ Premium Qualified Luminaire

1 3000K is ICA Listed 2 Must select UMB, WFM, or HTM mounting options to qualify TRN & SFP 1.5G Rated 3 Requires additional Surge Protection (SP1, SP2, SP480V2). For additional details see General Terms and Conditions.

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SUITABLE APPLICATIONS

• Parking Lots • Parking Structure • Parks • Education • Hospitals • Car Dealerships • Roadways • Shopping Centers

ORDERING GUIDE

SERIES	LUMENS	VOLTAGE	CCT	DISTRIBUTION	ORIENTATION	MOUNTING	FINISH	WARRANTY
<input checked="" type="checkbox"/> SAS Small	<input type="checkbox"/> 9L 9,000 lm	<input checked="" type="checkbox"/> U 120-277V	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> T2 Type 2	<input checked="" type="checkbox"/> (Blank) Standard	<input type="checkbox"/> SLFP Adjustable Slip Fitter	<input type="checkbox"/> BRZ	<input checked="" type="checkbox"/> (Blank) 5YR
	<input type="checkbox"/> 12L 12,000 lm	<input checked="" type="checkbox"/> HV 347-480V	<input checked="" type="checkbox"/> 40 4000K	<input type="checkbox"/> T3 T3 - Type 3	<input type="checkbox"/> L Optics Rotated Left	<input type="checkbox"/> UMB Universal Fixed	<input checked="" type="checkbox"/> BLK	<input type="checkbox"/> 10YR* 10YR
	<input type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> S0 5000K	<input type="checkbox"/> T4 T4 - Type 4	<input type="checkbox"/> R Optics Rotated Right	<input checked="" type="checkbox"/> UMBR Universal Mount Sgr/ Rnd pole 3"-6"	<input type="checkbox"/> WHI	<input type="checkbox"/> SLV	
	<input checked="" type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UAB Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WFM Wall Fixed Mount	<input type="checkbox"/> RALxxxx*	
	<input type="checkbox"/> 18L 18,000 lm	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UABR Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WAM Wall Adjustable Mount	<input type="checkbox"/> TRN Trunnion Mount	<input type="checkbox"/> HTM Horizontal Tenon Mount	
<input type="checkbox"/> SAM Med	<input type="checkbox"/> 24L 24,000 lm							
	<input type="checkbox"/> 30L 30,000 lm							
	<input type="checkbox"/> 36L 36,000 lm							
	<input type="checkbox"/> 42L 42,000 lm							
	<input type="checkbox"/> 50L 50,000 lm							

BASIC CONTROLS		ADVANCED CONTROLS	
<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> FAO ¹ Field Adjustable Output	<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> SYN ¹ Synapse Control System
<input type="checkbox"/> CR3P ² 3-Pin NEMA Control Receptacle	<input type="checkbox"/> CR7P ² 7-Pin NEMA Control Receptacle	<input type="checkbox"/> SYNS/LX ^{1A} Synapse Control System w/ Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LC ^{1A} Enlighted 55 Individual Lighting (IL) Sensor with Control Unit
<input type="checkbox"/> FSP-311/LX ^{1A} Legrand FSP-311 120-277V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> FSP-321/LX ^{1A} Legrand FSP-321 347-480V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LOT ^{1A} Enlighted 55 Internet of Things (IoT) Sensor with Control Unit	<input type="checkbox"/> ZLD12 ^{1A} Leviton ZLD12 120-277V Bluetooth Groupable Sensor (16 Devices with 8-20' & 20-40' lens included)
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<input type="checkbox"/> SP1 ¹ 10A Surge Protection Device	<input checked="" type="checkbox"/> SAx/BIRD Bird Spikes (x= fixture size)	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell	<input type="checkbox"/> ILP PAINT CHIP PACK ILP Standard Color Paint Chips
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<input type="checkbox"/> SP480V2 ¹ 20A Max 480V Surge Protector	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell		
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Options - Factory Installed: (Blank) None, SP1 10A Surge Protection Device, SP2 20A Surge Protection Device, SP1HV 100A Max 480V Surge Protector, SP480V2 20A Max 480V Surge Protector, HSS Rotatable House Side Shield, FUSE/XXXK FUSE 120V, 277V, 347V (x= voltage), FUSE/DOXX FUSE 200V, 240V, 480V (x= voltage)

Accessories: (Blank) None, SAx/BIRD Bird Spikes (x= fixture size), SAx/GS Rotatable Glare Shield (x= fixture size), TL7/B21 Synapse Twist Lock Mesh Network 120-277V, TLP/C/UNV 120-277V Twist Lock Photocell, ILP PAINT CHIP PACK ILP Standard Color Paint Chips, TL7/HVG Synapse Twist Lock Mesh Network 480V, TLP/C/UNV 120-277V Twist Lock Photocell

Notes: ¹ Control Factory for Site Layout. For HV models contact Factory for pricing. ² Requires additional Surge Protection (SP1, SP2, SP480V2). ³ Requires additional Surge Protection (SP1, SP2, SP480V2). ⁴ Requires Bluetooth Enabled device for programming (provided by others). Only Compatible with CR3P and CR7P. *Only one control option allowed.

Project Name: Lake County East Lake Complex Site Lighting Part Number: SAS-15L-U-40-TSS-UMBR-BLK Type: C

SKYLINE AREA LIGHT SERIES



407-478-3759 www.ilp-inc.com

Product Overview

SCAN ME

• Specification Grade die-cast aluminum housing
• Bronze polyester powder coat finish (standard)
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• 5 Optical Distributions with Highest Uniformity in their product class
• Factory Rotatable Type 2, 3, 4, 5 Square, & Automotive Front Row Optics
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• 0-10V Dimmable Driver (std)
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SUITABLE APPLICATIONS

• Parking Lots • Parking Structure • Parks • Education • Hospitals • Car Dealerships • Roadways • Shopping Centers

ORDERING GUIDE

SERIES	LUMENS	VOLTAGE	CCT	DISTRIBUTION	ORIENTATION	MOUNTING	FINISH	WARRANTY
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	<input type="checkbox"/> 12L 12,000 lm	<input checked="" type="checkbox"/> HV 347-480V	<input checked="" type="checkbox"/> 40 4000K	<input type="checkbox"/> T3 T3 - Type 3	<input type="checkbox"/> L Optics Rotated Left	<input type="checkbox"/> UMB Universal Fixed	<input checked="" type="checkbox"/> BLK	<input type="checkbox"/> 10YR* 10YR
	<input type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> S0 5000K	<input type="checkbox"/> T4 T4 - Type 4	<input type="checkbox"/> R Optics Rotated Right	<input checked="" type="checkbox"/> UMBR Universal Mount Sgr/ Rnd pole 3"-6"	<input type="checkbox"/> WHI	<input type="checkbox"/> SLV	
	<input checked="" type="checkbox"/> 15L 15,000 lm	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> T5S Type 5 Square	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UAB Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WFM Wall Fixed Mount	<input type="checkbox"/> RALxxxx*	
	<input type="checkbox"/> 18L 18,000 lm	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> FTA Forward Throw Automotive	<input type="checkbox"/> UABR Universal Adjustable Sgr/Rnd pole 3"-6"	<input type="checkbox"/> WAM Wall Adjustable Mount	<input type="checkbox"/> TRN Trunnion Mount	<input type="checkbox"/> HTM Horizontal Tenon Mount	
<input type="checkbox"/> SAM Med	<input type="checkbox"/> 24L 24,000 lm							
	<input type="checkbox"/> 30L 30,000 lm							
	<input type="checkbox"/> 36L 36,000 lm							
	<input type="checkbox"/> 42L 42,000 lm							
	<input type="checkbox"/> 50L 50,000 lm							

BASIC CONTROLS		ADVANCED CONTROLS	
<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> FAO ¹ Field Adjustable Output	<input checked="" type="checkbox"/> (Blank) None	<input type="checkbox"/> SYN ¹ Synapse Control System
<input type="checkbox"/> CR3P ² 3-Pin NEMA Control Receptacle	<input type="checkbox"/> CR7P ² 7-Pin NEMA Control Receptacle	<input type="checkbox"/> SYNS/LX ^{1A} Synapse Control System w/ Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LC ^{1A} Enlighted 55 Individual Lighting (IL) Sensor with Control Unit
<input type="checkbox"/> FSP-311/LX ^{1A} Legrand FSP-311 120-277V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> FSP-321/LX ^{1A} Legrand FSP-321 347-480V Sensor (X = Mounting Height 3'-10"-20', 7'-20'-40')	<input type="checkbox"/> SU/SS/LR/LOT ^{1A} Enlighted 55 Internet of Things (IoT) Sensor with Control Unit	<input type="checkbox"/> ZLD12 ^{1A} Leviton ZLD12 120-277V Bluetooth Groupable Sensor (16 Devices with 8-20' & 20-40' lens included)
<input type="checkbox"/> CR3P/FAO ² Universal 3-Pin control receptacle (See acc. for photo) with Field Adjustable Output - 7 level selection connected to 0-10V dimming wires	<input type="checkbox"/> CR7P/FAO ² Universal 7-Pin control receptacle with FSP Sensor (X = Mounting Height 3'-20', 7'-40') (Controls provided by others)	<input type="checkbox"/> TL7/HVG ^{1A} Synapse Twist Lock Mesh Network 480V	<input type="checkbox"/> TL7/HVG ^{1A} Synapse Twist Lock Mesh Network 480V
<input type="checkbox"/> CR7P/FSP/LX ² Universal 7-Pin control receptacle with FSP Sensor (X = Mounting Height 3'-20', 7'-40') (Controls provided by others)		<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell
<input type="checkbox"/> SP1 ¹ 10A Surge Protection Device	<input checked="" type="checkbox"/> SAx/BIRD Bird Spikes (x= fixture size)	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell	<input type="checkbox"/> ILP PAINT CHIP PACK ILP Standard Color Paint Chips
<input type="checkbox"/> SP2 ¹ 20A Surge Protection Device	<input type="checkbox"/> SAx/GS ¹ Rotatable Glare Shield (x= fixture size)		
<input type="checkbox"/> SP1HV ¹ 100A Max 480V Surge Protector	<input type="checkbox"/> TL7/B21 ^{1A} Synapse Twist Lock Mesh Network 120-277V		
<input type="checkbox"/> SP480V2 ¹ 20A Max 480V Surge Protector	<input type="checkbox"/> TLP/C/UNV ^{1A} 120-277V Twist Lock Photocell		
<input type="checkbox"/> HSS ¹ Rotatable House Side Shield			
<input type="checkbox"/> FUSE/XXXK FUSE 120V, 277V, 347V (x= voltage)			
<input type="checkbox"/> FUSE/DOXX FUSE 200V, 240V, 480V (x= voltage)			

Options - Factory Installed: (Blank) None, SP1 10A Surge Protection Device, SP2 20A Surge Protection Device, SP1HV 100A Max 480V Surge Protector, SP480V2 20A Max 480V Surge Protector, HSS Rotatable House Side Shield, FUSE/XXXK FUSE 120V, 277V, 347V (x= voltage), FUSE/DOXX FUSE 200V, 240V, 480V (x= voltage)

Accessories: (Blank) None, SAx/BIRD Bird Spikes (x= fixture size), SAx/GS Rotatable Glare Shield (x= fixture size), TL7/B21 Synapse Twist Lock Mesh Network 120-277V, TLP/C/UNV 120-277V Twist Lock Photocell, ILP PAINT CHIP PACK ILP Standard Color Paint Chips, TL7/HVG Synapse Twist Lock Mesh Network 480V, TLP/C/UNV 120-277V Twist Lock Photocell

Notes: ¹ Control Factory for Site Layout. For HV models contact Factory for pricing. ² Requires additional Surge Protection (SP1, SP2, SP480V2). ³ Requires additional Surge Protection (SP1, SP2, SP480V2). ⁴ Requires Bluetooth Enabled device for programming (provided by others). Only Compatible with CR3P and CR7P. *Only one control option allowed.

500 Series

- Spun square
- 1/10" taper per foot
- Available in heights up to 30'

Pole Dimensions

Pole No.	[A] Above Ground Height	[B] Burial Depth	[C] Tip Diameter	[D] Base Diameter	Est. Pole Weight (lbs)*
D512	12	4	5"	6.2"	550
D514	14	4	5"	6.4"	575
D515	15	4	5"	6.5"	600
D520	20	5	5"	7"	875
D523	23	5	5"	7.3"	1,000
D524	24	5	5"	7.4"	1,050
D525	25	5	5"	7.5"	1,100
D528	28	6	5"	7.8"	1,200
D530	30	6	5"	8"	1,300

*Pole weight may vary based on color of aggregate.

Pole Code

Mounting Type	Series + Above Ground Height	Color	Finish	Sealer	Options
(A) Anchor Base	514	(S) Silky Gray (P) Pearl Gray (SP) Salt & Pepper (CN) Cinnamon (B) Bronze (CB) Charcoal Black (M) Midnight Sky Black (E) Eclipse Black (DB) Dark Black (SR) Sedona Red (AR) Antique Red (RG) Red Granite (TC) Terra Cotta (KG) Kelly Green			