

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)



DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XLCS							
		Lumens (Nominal)					Watts (Nominal)
		Type 3	Type FT	Type 5	Type5E	TypeFTE	
Cool White	SS	10100	11400	11400	8200	7800	97
	HO	14000	15500	15700	11600	10600	140
Neutral White	SS	9700	10400	10800	7900	7500	97
	HO	13400	14700	15200	11000	10500	140

LED Chips are frequently updated therefore values may increase.

US & Int'l. patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTION - DIM - 0-10 volt dimming enabled with controls by others.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Select high-brightness LEDs in Cool White (5000K), or Neutral White (4000K) color temperature, 70 CRI.

DISTRIBUTION/PERFORMANCE - Types 3, FT, 5 and enhanced 5E and FTE. Exceptional uniformity creates bright environment at lower light levels. Internal Louver (IL) option available for improved backlight control without sacrificing street side performance for FT distribution.

HOUSING - One-piece, die-formed aluminum housing contains factory prewired driver. Wiring access door (with safety lanyard) located underneath.

OPTICAL UNIT - Clear tempered flat glass lens permanently sealed to weather-tight aluminum optic frame creates an IP65 rated optical unit (includes pressure-stabilizing breather).

MOUNTING - Tapered rear design allows fixtures to be mounted in 90° and 120° configurations without the need for extension arms. Use with 3" reduced drilling pattern. A round pole plate is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-* -CLR). Proprietary pole quick mount accessories available with horizontal mounting or fixed 15° angled mounting (PQMH-KIT-CLR and PQM15-KIT-CLR) for mounting to square poles. See Accessory Ordering Information chart for all brackets.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277 VAC (50/60Hz input), and 347-480 VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVER - Available in SS (Super Saver) and HO (High Output) drive currents. Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Available in black, bronze and white. Other standard LSI finishes available. Consult factory.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - One fixture: 17.5 lbs. (7.9 kg). Packed two per carton: 30 lbs. (13.6 kg).

LISTING - UL listed to U.S. and international safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

ARRA
Funding Compliant



RoHS
COMPLIANT



FC IP65

Fixtures comply with ANSI C136.31-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 1.5G requirements.



Project Name _____ Fixture Type _____

Catalog # _____

10/16/17

© 2017

LSI INDUSTRIES INC.

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XLCS S LED SS 50 UE BLK PCR**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
XLCS	3 - Type III 5 - Type V FT - Forward Throw 5E - Type V Enhanced FTE - Forward Throw Enhanced	LED	SS - Super Saver HO - High Output	50 - 5000K 40 - 4000K	UE - Universal Voltage (120-277V) 347-480 Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White	DIM - 0-10V Dimming (from external signal) Button Type Photocells PCI120 - 120V PCI208-277V - 208-277V PCI347 - 347V IL - Internal Louver (available with FT distribution only) PCR 7P - Photoelectric Control Receptacle ³

LUMINAIRE EPA CHART - PLCS

Horizontal Mounting Only

Mounting Style	EPA
Single	0.4
D180°	0.8
D90°	0.6
T90°	1.4
TN120°	1.4
Q90°	1.6

Note: House Side Shield adds to fixture EPA. Consult Factory.

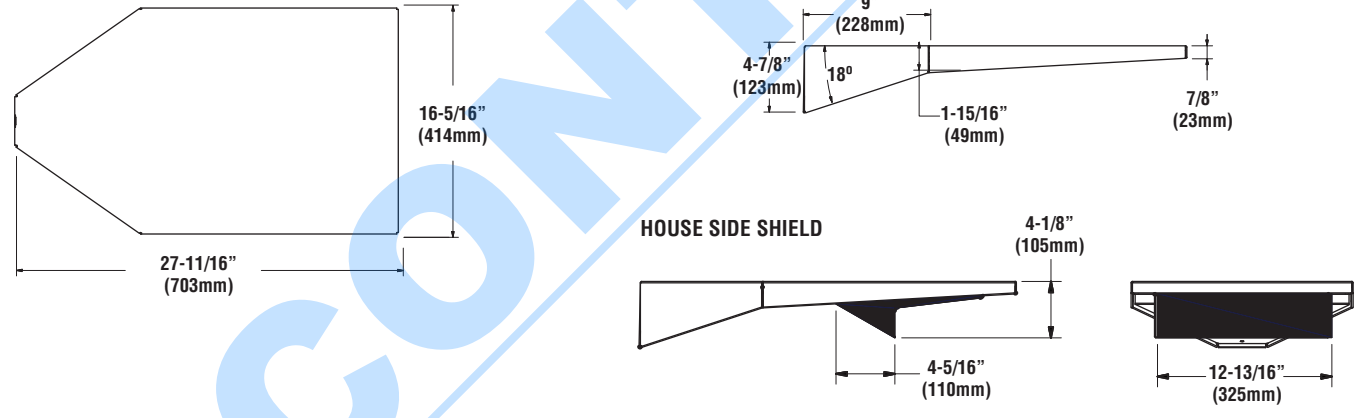
ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

Description	Order Number	Description	
BKS-XBO-WM-* - CLR Wall Mount Bracket	382132CLR	DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240 ²
XLCS-3/FT-HSS (Black only)	603162BLK ¹	DFK480 Double Fusing (480V)	DFK480 ²
X3RPP Round Pole Plate for 3" RTP Poles	408273CLR	FK347 Single Fusing (347V)	FK347 ²
X4RPP Round Pole Plate for 4" Poles	379967CLR	PQMH-KIT-CLR Square Pole Quick Mount Horizontal Bracket	582328CLR
X5RPP Round Pole Plate for 5" Poles	379968CLR	PQM15-KIT-CLR Square Pole Quick Mount Bracket w/fixed 15° Angle	582329CLR
FK120 Single Fusing (120V)	FK120 ²	ALSC UNV TL5 - AirLink 5 Pin Twist Lock Controller	661409
FK120 Single Fusing (120V)FK	FK277 ²	ALSC UNV TL7 - AirLink 7 Pin Twist Lock Controller	661410

FOOTNOTES
 1 - House Side Shields add to fixture EPA. Consult factory.
 2 - Fusing must be located in the hand hole of pole.
 3 - Photocell must be ordered separately. 7 pin standard. See Accessories.

DIMENSIONS



Project Name _____ Fixture Type _____
 Catalog # _____

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

BUG LISTING

XLCS - Type 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	14,020	143	98	B3-U0-G2
	CW-HSS	8815	146	60	B2-U0-G2
	NW	13,421	143	94	B3-U0-G2
SS	CW	10,126	97	105	B3-U0-G2
	NW	9719	97	101	B3-U0-G2

XLCS - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	15,535	139	112	B3-U0-G2
	CW-HSS	12,489	139	90	B1-U0-G2
	CW-IL	14,384	138	104	B3-U0-G2
	NW	14,694	146	100	B3-U0-G2
	NW-HSS	10,499	144	73	B1-U0-G2
	NW-IL	12,763	144	89	B2-U0-G2
SS	CW	11,383	96	118	B2-U0-G2
	CW-HSS	9099	96	95	B1-U0-G2
	CW-IL	10,509	96	109	B2-U0-G2
	NW	10,410	96	108	B2-U0-G2
	NW-HSS	7699	99	78	B1-U0-G2
	NW-IL	9328	98	95	B2-U0-G2

XLCS - Type 5E

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	11,581	146	79	B4-U0-G2
	NW	10,996	146	75	B4-U0-G2
SS	CW	8202	96	85	B3-U0-G2
	NW	7908	96	82	B3-U0-G2

XLCS - Type 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	15,674	138	113	B4-U0-G2
	NW	15,184	146	104	B4-U0-G2
SS	CW	11,449	96	119	B3-U0-G2
	NW	10,762	96	112	B3-U0-G1

XLCS - Type FTE

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	10585	141	75	B2-U0-G2
	CW-HSS	7810	146	53	B1-U0-G2
	NW	10,499	146	72	B2-U0-G2
	NW-HSS	7721	146	53	B1-U0-G2
SS	CW	7752	96	81	B1-U0-G2
	CW-HSS	5676	96	59	B1-U0-G2
	NW	7493	96	78	B1-U0-G2
	NW-HSS	5517	96	57	B1-U0-G2

* Color Temperature: NW-4000K, CW-5000K



Project Name _____ Fixture Type _____

Catalog # _____

10/16/17
© 2017
LSI INDUSTRIES INC.



AirLink™
enabled by Synapse®



Wireless Lighting Controller 5 Pin & 7 Pin Twist Lock

The 5 Pin Twist Lock Controller (TL5) & The 7 Pin Twist Lock Controller (TL7) are intelligent wireless lighting controllers with exceptional fault tolerance & a multitude of features. Each TL5 & TL7 provides intelligent On/Off switching, dimming, control, highly accurate power metering, status monitoring of your lighting fixtures & digital sensor input (TL7 only).

Features

- Integrated Photocell
- ANSI C136.41 Dimming Receptacle Support
- Utility grade power monitoring
- Remote control and scheduling
- Flexible Dimming Controls
- Secure, over-the-air upgrades to support future enhancements
- Seamless integration into the AirLink Site Manager system
- Digital sensor input for motion sensing (TL7 only)

Power and Performance

- Operating environmental: -40°F to 158°F (-40°C to 70°C); 20% to 90% RH non-condensing; IP66

Contact LSI Controls



Sales
controls.sales@lsi-industries.com



Support
controls.support@lsi-industries.com
1 (800) 436-7800 (support, option 8)



More information
For more information on AirLink, visit our website at www.lsi-airlink.com/airlink

- Input power: 100–277 VAC +/- 10% (Max 305V)50/60 Hz
- Switched output: Default ON
- Load rating: 5A @ 100V to 277V (+/- 10%)
- Dimming control: 0–10V with short circuit protection
- Dimming output: maximum current 10mA
- Sensor input: One digital input that can be used for motion-based lighting controls (TL7 only)
- Power monitoring: Utility grade - 2% accuracy
- Power readings: Voltage, Watts

Other

- Dimensions: 4.53" W x 2.68" H (115mm W x 68mm H)
- Radio: SNAP 2.4 GHz; 802.15.4; +20 dBm Transmit Power; -104 dBm Receive Sensitivity
- Warranty: 5 years

Wiring

