LED AREA LIGHTS - LSI PRACTICA SMALL (PLCS)

Optional tiltable bracket available

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 - PLCS						
		Lumens (Nominal)		LPW		Watts
		S/Clear	S/Diffused	S/Clear	S/Diffused	
5000K	SS	16,641	14,580	133	117	125
	HO	21,987	19,188	139	122	158
4000K	SS	16,122	14,084	130	114	124
	HO	20,927	18,201	133	116	157

LED Chips are frequently updated therefore values may increase.

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

ENERGY SAVING CONTROL - 0-10 volt dimming standard, enabled with controls by others.

LEDS - Select high-brightness LEDs in 5000K or 4000K color temperature, 70 CRI.

DISTRIBUTION/PERFORMANCE - Type S (Standard Symetric). Exceptional uniformity creates bright environment at lower light levels. House Side Shield available for improved backlight control without sacrificing street side performance.

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 or optional diffused (DFL) 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 brackets are available for both direct fixture to bracket mounting and for use with tiltable tenon slipfitter. 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. Tenon Slipfitter Bracket available and tiltable up to 90° (BKA-XNM-PLCS-ADJ-*-CLR). Fits 2" pipe (2 3/8" O.D. Tenon). 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 PCR is available. Photocell must be ordered separately.

DRIVER - Available in SS (Super Saver) and HO (High Output). Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed. IP65 rated driver.

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 single pack only. One Adjustable Bracket: 5 lbs. (2.3 kg). One Wall Mount Bracket: 7 lbs. (3.2 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   c(UL)us LISTED wet location   RoHS COMPLIANT   IP65

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

Project Name _____

Catalog # _____

Fixture Type _____

LED AREA LIGHTS - LSI PRACTICA SMALL (PLCS)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE:	PLCS	S	LED	SS	50	UE	BLK	PCR

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
PLCS	S - Symmetric	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	PCR - Photoelectric Control Receptacle DFL - Diffused Lens

LUMINAIRE EPA CHART - PLCS

Horizontal Mounting Only

▬	Single	0.4
▬ ▪ ▬	D180°	0.8
▪▬	D90°	0.6
▪▬▪	T90°	1.4
	TN120°	1.4
▪▬▪	Q90°	1.6

Vertical Mounting with Tiltable Bracket 90°

▮	Single	3.8

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

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
PLCS-S-HSS House Side Shield (Black only)	603162BLK[1]	PC347 Photocell	159516[7]
X4RPP Round Pole Plate for 4" Poles	379967CLR	PC480 Photocell	1225180[7]
X5RPP Round Pole Plate for 5" Poles	379968CLR	PQMH-KIT-CLR Square Pole Quick Mount Horizontal Bracket	582328CLR
FK120 Single Fusing (120V)	FK120[2]	PQM15-KIT-CLR Square Pole Quick Mount Bracket w/fixed 15° Angle	582329CLR
FK277 Single Fusing (277V)	FK277[2]	BKA-XNM-PLCS-ADJ -*- CLR (90° tiltable)[3]	626315CLR
DFK208, 240 Double Fusing (208V, 240V)	DFK208, 240[2]	BKS-BO-WM-W/BKS-FBO-5[3]	628675CLR
DFK480 Double Fusing (480V)	DFK480[2]	BKS-XBO-WM-*-CLR Wall Mount Bracket[4]	382132CLR
FK347 Single Fusing (347V)	FK347[2]	SPL-PLCS-BKS-NM-4ISF-*-CLR[5]	630804CLR
PC120 Photocell	122514[7]	SPL-PLCS-BKS-NM-5ISF-*-CLR[5]	630808CLR
PC208-277 Photocell for 208V, 240V, 277V	122515[7]	KIT HSS 3,FT,S	603162BLK

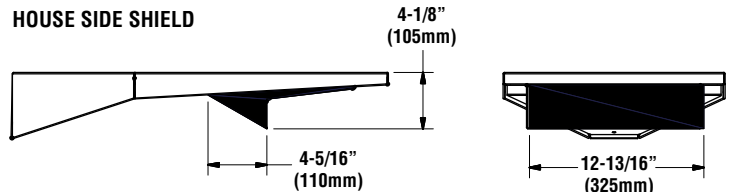**FOOTNOTES:**

1 - Photocell must be ordered separately - see accessories.

2 - House Side Shields add to fixture EPA. Consult factory.

3 - Fusing must be located in the hand hole of pole.

4 - If BKA-XNM-PLCS-ADJ is required for wall mount application, BKS-BO-WM-W/BKS-FBO-5-CLR bracket is also required.

5 - Use this bracket for direct fixture to wall bracket mounting.

6 - Provides standard 2 3/8" O.D. Tenon.

7 - Factory installed PCR option required.

DIMENSIONS

16-5/16"
(414mm)

27-11/16"
(703mm)

9"
(228mm)

4-7/8"
(123mm)   18°

1-15/16"
(49mm)

7/8"
(23mm)

HOUSE SIDE SHIELD

4-1/8"
(105mm)

4-5/16"
(110mm)

12-13/16"
(325mm)
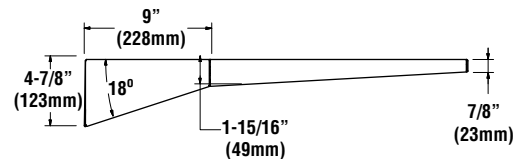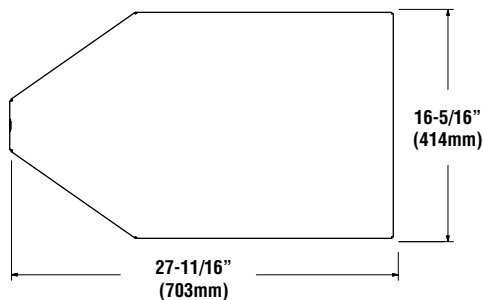
BKA-XNM-PLCS-ADJ-*-CLR

BKS-BO-WM-W/BKS-FBO-5-CLR

BKS-XBO-WM-*-CLR

SPL-PLCS-BKS-NM-4ISF-*-CLR
SPL-PLCS-BKS-NM-5ISF-*-CLR

Not compatible for use with Slice Fixtures (XLCS, XLCM, XLCL).
Improper use will void warranty.

Project Name _____

Catalog # _____

Fixture Type _____

10/19/16

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LSI INDUSTRIES INC.

LED AREA LIGHTS - LSI PRACTICA SMALL (PLCS)

BUG LISTING

PLCS - TYPE S

Drive Current	Color Temp.[1]	Lumens	Watts	LER	BUG Rating
HO	40	20,927	157	133	B4-U0-G2
	40-DFL[2]	18,201	157	116	B4-U0-G2
	40-DFL-HSS	9818	157	63	B3-U0-G2
	40-HSS[3]	11,176	157	71	B3-U0-G1
	50	21,987	158	139	B4-U0-G2
	50-DFL[2]	19,188	157	122	B4-U0-G2
	50-DFL-HSS	10,323	158	66	B3-U0-G2
	50-HSS[3]	11,688	158	74	B3-U0-G1
SS	40	16,122	124	130	B3-U0-G1
	40-DFL[2]	14,084	124	114	B3-U0-G1
	40-DFL-HSS	7581	124	61	B2-U0-G2
	40-HSS[3]	8548	124	69	B2-U0-G1
	50	16,641	125	133	B3-U0-G1
	50-DFL[2]	14,580	125	117	B3-U0-G1
	50-DFL-HSS	7821	121	64	B2-U0-G1
	50-HSS[3]	8798	124	71	B3-U0-G1

1- Color Temperature: 40-4000K, 50-5000K
2- DFL: Diffused Lens
3- HSS: House side Shield