



SITE LIGHTING
Scale: 1 inch = 20 Ft.

Luminaire Schedule						
Symbol	Tag	Qty	Lum. Watts	Lum. Lumens	LLF	Description
	OB-FT	20	182	19776	0.920	LSI - SSA-LED-21L-ACR-FT-UNV-DIM-40-BRZ-SF / 4SQU-T-S11G-20-S-BRZ / BKS-PTB-2-BRZ

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
NEW PARKING	Fc	1.54	8.3	0.3	5.13	27.67

Catalog # Project
Prepared By Date Type

Commercial Area Small (SSA)

Outdoor LED Area Light



OVERVIEW

Lumen Output Range	9,000 - 21,000
Voltage Range	72 - 182
Efficacy Range (LPW)	106 - 154
CCT (K)	3000K, 4000K, 5000K
Controls	Standalone Sensor, 7-Pin
Weight (lbs.) (kg)	17 (7.8)

QUICK LINKS

- [Ordering Guide](#)
- [Performance](#)
- [Photometrics](#)
- [Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing for maximum durability and reliability.
- IP65 rated luminaire contains integral components from harsh environments.
- Shipping weight: 17.24 lbs in carton.

Optical System

- Premium engineered IP65 rated acrylic optics available in three types (FT or FT+).
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377.
- Minimum CRI of 80.

Electrical

- High-performance driver features shortcircuit and over temperature protection with integral surge protection (6kV).
- 0-10V dimming (10% - 100%) standard.
- Standard Line Voltage (120-277 Vac) input 50/60 Hz or optional High Voltage (347-480 Vac).
- L70 Calculated Life: >50K Hours (See Lumen Maintenance on Page 3)

LSI Industries Inc., 10000 Alliance Rd, Cincinnati, OH 45242 • www.lsicorp.com
(513) 372-3200 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Catalog # Project
Prepared By Date Type

Commercial Area Light Small (SSA)

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SSA LED 12L ACR 5W UNV DIM 50 CR7P BRZ PM

PERFORMANCE

Commercial Area Light Small (SSA)

DELIVERED LUMENS*

Lumen Package	Distribution	CRI	3000K	4000K	5000K											
3	Blank (90)	9135	126	B2-U0-G2	9563	132	B3-U0-G1	9649	133	B3-U0-G1	9683	134	B3-U0-G1	9720	135	B3-U0-G1
5L	Blank (90)	9217	127	B2-U0-G1	9777	121	B2-U0-G2	9189	127	B2-U0-G2	9230	127	B2-U0-G2	9240	127	B2-U0-G2
12L	Blank (90)	11,888	114	B3-U0-G3	12,837	121	B3-U0-G2	12,228	126	B3-U0-G2	13,175	126	B3-U0-G3	13,277	126	B3-U0-G3
18L	Blank (90)	17,154	113	B3-U0-G3	17,356	115	B3-U0-G3	17,274	114	B3-U0-G3	17,297	114	B3-U0-G3	17,311	115	B3-U0-G3
21L	Blank (90)	20,100	110	B3-U0-G3	20,560	111	B3-U0-G2	20,673	110	B3-U0-G2	21,136	114	B4-U0-G2	21,446	118	B4-U0-G2
	Blank (90)				19,776	107	B3-U0-G3				19,990	110	B3-U0-G3			

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*

Lumen Package	Watt	120V	240V	277V	347V	480V	
SL	72	0.60	0.35	0.30	0.26	0.21	0.15
12L	144	1.20	0.70	0.60	0.54	0.42	0.30
18L	151	1.26	0.73	0.63	0.55	0.44	0.31
21L	183	1.52	0.78	0.68	0.60	0.52	0.38

*Electrical data at 27°C (77°F). Actual voltage may differ by +/-10%.

RECOMMENDED LUMEN MAINTENANCE (L-25L)

Ambient Temperature °C	Initial L	25K hrs. *	50K hrs. *	75K hrs. *	100K hrs. *
-10	100	100	100	100	100

1 - Lumen maintenance values at 25°C are calculated per TM-21 based on LM-04 data and in-situ testing.
2 - In accordance with ENA TM-21-11. Projected Values represent interpolated data based on time data from LM-04 and in-situ testing. Actual lumen maintenance values will vary based on operating conditions.
3 - Lumen maintenance values at 25°C are calculated per TM-21 based on LM-04 data and in-situ testing times the ENA LM-04-06 total test duration for the device under testing.

ACCESSORY ORDERING INFORMATION*

CONTROLS ACCESSORIES

Description	Order Number*
CR7P - Pole Mount for use with CR7P series (120v)	122515
FC200-277 Protocol for use with CR7P series (240V 277V)	122516
Trust Lock Protocol (24V) for use with CR7P series	122517
Trust Lock Controller (24V)	122518
Act as 3 Pole Lock Controller	61493
Wood Brace at Minimum IC Pole, Pole Finish	700440
Shoring Pole for use with CR7P	140228

MOUNTING ACCESSORIES

Description	Order Number*
Blank Pole Adapter for SSAMM or 4" or 5" Pole	122519
Found Pole Adapter for SSAMM or 4" or 5" Pole	122520
Quick Pole Mount Bracket (Square Pole)	122521
Quick Pole Mount Bracket (Round Pole)	122522
Wood Brace at Minimum IC Pole, Pole Finish	700440
Shoring Pole for use with CR7P	140228

FUSING ACCESSORIES*

Description	Order Number*
Single Fusing (120V)	122523
Single Fusing (277V)	122524
Double Fusing (480V)	122525

FOOTNOTES:

- 1 - Control device or shoring cap must be ordered separately. See Accessory Ordering Information.
- 2 - CR7P is a full duplex ballast. It must be ordered separately.
- 3 - BMS is a full duplex ballast. It must be ordered separately.
- 4 - Fusing must be located near the pole.

Luminaire Shown with CR7P 

Luminaire Shown with IMS 

LSI Industries Inc., 10000 Alliance Rd, Cincinnati, OH 45242 • www.lsicorp.com
(513) 372-3200 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Catalog # Project
Prepared By Date Type

Commercial Area Light Small (SSA)

Commercial Area Light Small (SSA)

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SSA LED 12L ACR 5W UNV DIM 50 CR7P BRZ PM

PERFORMANCE

Commercial Area Light Small (SSA)

DELIVERED LUMENS*

Lumen Package	Distribution	CRI	3000K	4000K	5000K											
3	Blank (90)	9135	126	B2-U0-G2	9563	132	B3-U0-G1	9649	133	B3-U0-G1	9683	134	B3-U0-G1			
5L	Blank (90)	9217	127	B2-U0-G1	9777	121	B2-U0-G2	9189	127	B2-U0-G2	9230	127	B2-U0-G2			
12L	Blank (90)	11,888	114	B3-U0-G3	12,837	121	B3-U0-G2	12,228	126	B3-U0-G2	13,175	126	B3-U0-G3			
18L	Blank (90)	17,154	113	B3-U0-G3	17,356	115	B3-U0-G3	17,274	114	B3-U0-G3	17,297	114	B3-U0-G3			
21L	Blank (90)	20,100	110	B3-U0-G3	20,560	111	B3-U0-G2	20,673	110	B3-U0-G2	21,136	114	B4-U0-G2			
	Blank (90)				19,776	107	B3-U0-G3				19,990	110	B3-U0-G3			

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*

Lumen Package	Watt	120V	240V	277V	347V	480V	
SL	72	0.60	0.35	0.30	0.26	0.21	0.15
12L	144	1.20	0.70	0.60	0.54	0.42	0.30
18L	151	1.26	0.73	0.63	0.55	0.44	0.31
21L	183	1.52	0.78	0.68	0.60	0.52	0.38

*Electrical data at 27°C (77°F). Actual voltage may differ by +/-10%.

RECOMMENDED LUMEN MAINTENANCE (L-25L)

Ambient Temperature °C	Initial L	25K hrs. *	50K hrs. *	75K hrs. *	100K hrs. *
-10	100	100	100	100	100

1 - Lumen maintenance values at 25°C are calculated per TM-21 based on LM-04 data and in-situ testing.
2 - In accordance with ENA TM-21-11. Projected Values represent interpolated data based on time data from LM-04 and in-situ testing. Actual lumen maintenance values will vary based on operating conditions.
3 - Lumen maintenance values at 25°C are calculated per TM-21 based on LM-04 data and in-situ testing times the ENA LM-04-06 total test duration for the device under testing.

ACCESSORY ORDERING INFORMATION*

CONTROLS ACCESSORIES

Description	Order Number*
CR7P - Pole Mount for use with CR7P series (120v)	122515
FC200-277 Protocol for use with CR7P series (240V 277V)	122516
Trust Lock Protocol (24V) for use with CR7P series	122517
Trust Lock Controller (24V)	122518
Act as 3 Pole Lock Controller	61493
Wood Brace at Minimum IC Pole, Pole Finish	700440
Shoring Pole for use with CR7P	140228

MOUNTING ACCESSORIES

Description	Order Number*
Blank Pole Adapter for SSAMM or 4" or 5" Pole	122519
Found Pole Adapter for SSAMM or 4" or 5" Pole	122520
Quick Pole Mount Bracket (Square Pole)	122521
Quick Pole Mount Bracket (Round Pole)	122522
Wood Brace at Minimum IC Pole, Pole Finish	700440
Shoring Pole for use with CR7P	140228

FUSING ACCESSORIES*

Description	Order Number*
Single Fusing (120V)	122523
Single Fusing (277V)	122524
Double Fusing (480V)	122525

FOOTNOTES:

- 1 - Control device or shoring cap must be ordered separately. See Accessory Ordering Information.
- 2 - CR7P is a full duplex ballast. It must be ordered separately.
- 3 - BMS is a full duplex ballast. It must be ordered separately.
- 4 - Fusing must be located near the pole.

Luminaire Shown with CR7P 

Luminaire Shown with IMS 

LSI Industries Inc., 10000 Alliance Rd, Cincinnati, OH 45242 • www.lsicorp.com
(513) 372-3200 • ©2020 LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.

Catalog # Project
Prepared By Date Type

Commercial Area Light Small (SSA)

Commercial Area Light Small (SSA)

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SSA LED 12L ACR 5W UNV DIM 50 CR7P BRZ PM

PERFORMANCE

Commercial Area Light Small (SSA)

DELIVERED LUMENS*

Lumen Package	Distribution	CRI	3000K	4000K	5000K											
3	Blank (90)	9135	126	B2-U0-G2	9563	132	B3-U0-G1	9649	133	B3-U0-G1	9683	134	B3-U0-G1			
5L	Blank (90)	9217	127	B2-U0-G1	9777	121	B2-U0-G2	9189	127	B2-U0-G2	9230	127	B2-U0-G2			
12L	Blank (90)	11,888	114	B3-U0-G3	12,837	121	B3-U0-G2	12,228	126	B3-U0-G2	13,175	126	B3-U0-G3			
18L	Blank (90)	17,154	113	B3-U0-G3	17,356	115	B3-U0-G3	17,274	114	B3-U0-G3	17,297	114	B3-U0-G3			
21L	Blank (90)	20,100	110	B3-U0-G3	20,560	111	B3-U0-G2	20,673	110	B3-U0-G2	21,136	114	B4-U0-G2			
	Blank (90)				19,776	107	B3-U0-G3				19,990	110	B3-U0-G3			

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*

Lumen Package	Watt	120V	240V	277V	347V	480V	
SL	72	0.60	0.35	0.30	0.26	0.21	0.15
12L	144	1.20	0.70	0.60	0.54	0.42	0.30
18L	151	1.26	0.73	0.63	0.55	0.44	0.31
21L	183</						