LUMANIQUE AMBIENT SERIES

New Star Lighting

PRODUCT FEATURES

- Intended for Healthcare Settings, Dentist Offices, Skilled Nursing Facilities, Corridors, Waiting Rooms, and more
- Provides ambient illumination in 1x4, 2x2, and 2x4 dimensions
- Low profile, 4" depth minimizes interference with systems within ceiling plenum
- Dimensional one-piece lens provides an architectural statement
- Optional clear overlay lens provides flat wipe-down surface for easy cleaning (recommended for medical applications)
- Fixture is certified to UL standards by Intertek Testing laboratory for damp locations
- This product was Made in America and complies with the Buy American Act (BAA) requirements

SPDA Series

ORDERING INFORMATION

Example: SPDAR24-HC20-IC20/CA12-WHA-LW40-UN-DM1

SPDA						
Series	**Mounting**	**Size***	**Housing**	**Inset Frame**	**Doorframe Lens***	**Lens**
	R = Recessed (Grid/Flange)	**14ST** = 1x4 Standalone **22** = 2x2 **24** = 2x4 *Nominal Size.	**HC20** = 20Ga. CRS Painted **HA16** = 16Ga. Alum Painted	**IC20** = 20Ga. CRS Painted **IA16** = 16Ga. Alum Painted	**Blank** = No Overlay Lens **CA12** = .125 Clear Acrylic **CP12** = .125 Clear Poly. **CP060** = .060 Clear Poly. *Clear high reflective overlay provides flat wipe-down surface for easy cleaning.	**WHA** = White Acrylic **WHL** = White Linen Pattern* *Linen pattern is on the middle compartment. Edges will be White Acrylic unless other specified. See page 3 for example.

Lumen Output*	Color Temp.	Voltage	Driver Type	Options
LW = Low **HG** = High **CL** = Custom Lumen Output** *Subject to change. **Consult factory. Must be specified at time of quote. Must not exceed fixture maximum output. Must specify "DM1" if selecting dimming.	**30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K* **TW1** = Tunable White 2700K to 5000K** **TW1** = Tunable White 2700K to 6500K** *N/A with 90 CRI. **Available for ambient function.	**12** = 120V **27** = 277V	**DM1** = 0-10V Dimming to 1% **Tunable White Driver*:** **DALI8** = 1-Channel **TW0** = 2-Channel 0-10V *Allows for Inboard/Outboard control.	**FZ1** = Fuse (120V) **FZ2** = Fuse (277V) **EQ** = Earthquake Clips **SD2** = Step Dim. Module (50-100%) **SD3** = Step Dim. Module (30-70-100%) **TH** = Tamper-resistant Torx® head fasteners** *N/A with 5000K **Self tapping screw through latch.

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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![New Star Lighting logo]

SPECIFICATIONS

HOUSING: 20-Gauge formed cold rolled steel housing and frame with continuous seam welds. Optional 16-gauge aluminum. Inset doorframe with latches provides tool-less access for installation and servicing.Optional Inset doorframe with aircraft cables and Phillips flat head fasteners provides IP65 Certification.

LENS: High transmittance matte white acrylic lens for maximum diffusion. Optional decorative pattern over middle section available. Optional clear overlay lens provides flat wipe-down surface for easy cleaning (recommended for medical applications).

LED: Available in four color temperatures 3000K, 3500K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Tunable White also available, from 2700K - 5000K or 2700K- 6500K.Minimum 50,000 hours with 70% lumen maintenance in a 25ºC ambient temperature, compliant with IES LM-80 testing standards

ELECTRICAL: 120-277VAC or 347VAC 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range. Step-Dimming options available.

OPTIONAL TW DRIVERS:

    DALI8- DALI Type 8 (One DALI Address)
    TWD- Two Channel 0-10V dimming; one channel for brightness, one channel for CCT

FINISH: White antimicrobial powder coat finish following multi-stage iron phosphate pretreatment.

INSTALLATION: Universal recessed mounting accommodates Grid and Flange installations.Luminaires will be supplied with adjustable swing arms that can be used for Flange applications or secured to the side of housing for Grid applications. Compatible with 1-1/2" and 15/16" Grid systems. Mounting for custom ceilings available, consult factory.
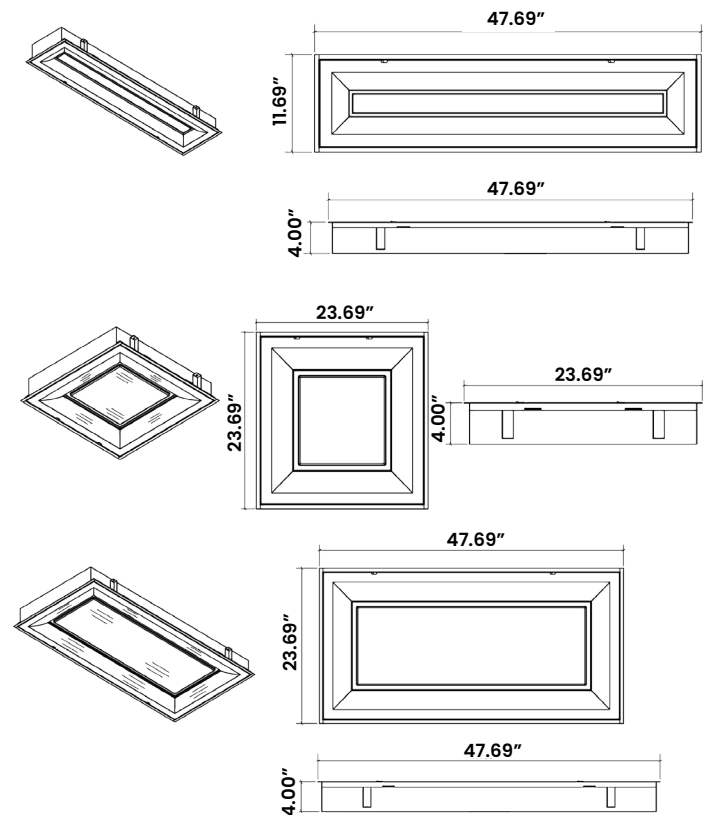
WARRANTY: 5 Year Warranty.

LABEL: Fixture is certified to UL standards by Intertek Testing Laboratories for Damp Location. This product was Made in America and complies with the Buy American Act requirements.

DIMENSIONAL DATA*

*Dimensions are subject to change without notice. Intended for non-IC installations. Thermal protector included and extends 2 inches from housing. Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the SPDA 1x4 is 38lbs. SPDA 2x2 is 30lbs. SPDA 2x4 is 50lbs.

SPDA 1x4 recommended ceiling cut-out: 10.88" x 46.88"
SPDA 2x2 recommended ceiling cut-out: 22.88" x 22.88"
SPDA 2x4 recommended ceiling cut-out: 22.88" x 46.88"

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PERFORMANCE DATA*

*Displayed information is with 80 CRI at 4000°K with a white acrylic lens. LEDs are frequently updated therefore values may change without notice.

SERIES	OUTPUT		LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
SPDA14ST	LW = Low		5700	95	60
	HG = High		12000	100	120
SPDA22	LW = Low		6000	100	60
	HG = High		12000	100	120
SPDA24	LW = Low		12000	100	120
	HG = HIgh		20000	100	200

CCT MULTIPLIERS - 80 CRI

Multipliers for relative lumen values with other series color temperatures

3000K	3500K	4000K	5000K
0.96	0.99	1.00	1.00

New Star Lighting
2225 W Pershing Rd, Chicago, IL 60609
(773) 847-1400
www.newstarlighting.com

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