

Somari Horizontal

Overview

SOMARI COLLECTION



Specifications

LIGHTING	Integrated LED light source offering high efficacy. Color consistency of 3 SDCM. See additional information summarizing lumen distribution, wattage, and efficacy on following pages. Tunable white option available.	MOUNTING	Hung from 2(50L) or 3(72L and 98L) aircraft cables, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft.
LUMEN MAINTENANCE	Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours	ELECTRICAL	120-277V constant current, dimming driver standard. Can be wired dimming or non-dimming. 0-10v dimming input with a range of 1%-100%. Dim-to-Off standard. Driver can be accessed from the fixture. Power factor of > .95. Total Harmonic Distortion (THD) of < 20%.
CONSTRUCTION	Shiro - PLA All Others - PETG (translucent colors) PVC free power cord	CLEANING & CARE	Lightly dust with CO2 canister or swiffer type duster
PHOTOMETRICS	Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.	CERTIFICATIONS	Luminaire is CSA listed conforming to UL Standard 1598 in the U.S. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.73 (G), this luminaire contains an internal driver disconnect. Damp Location Rated. All electronic components are RoHS compliant, and the mechanical components of the luminaire have been verified to meet RoHS Directive 2002/95/EC.
HARDWARE	TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.	WARRANTY	5 year warranty on all standard components.



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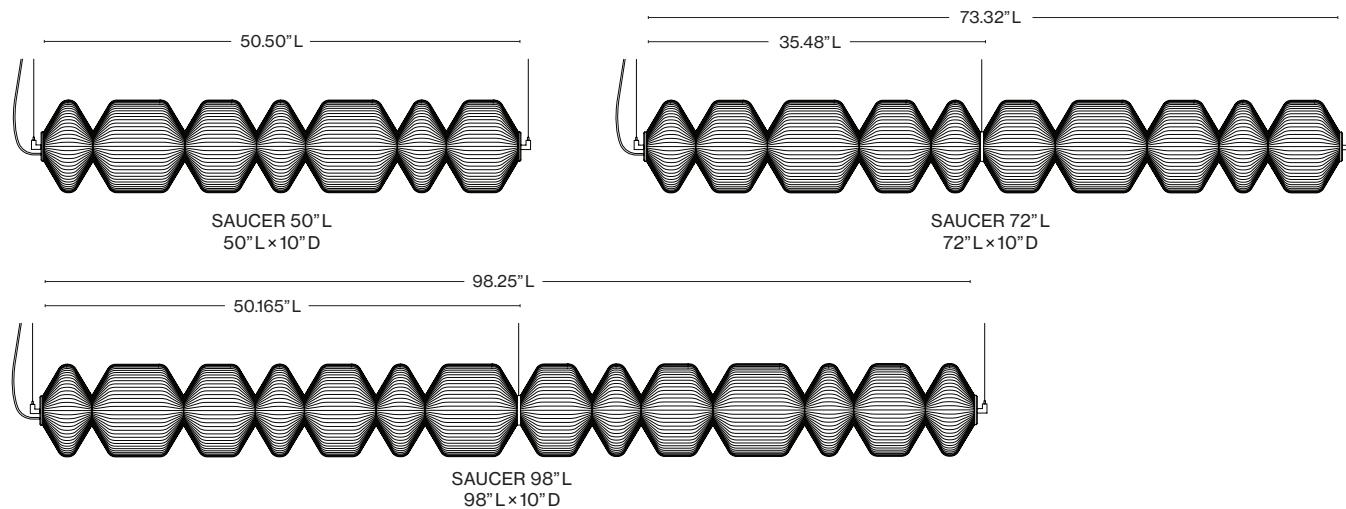
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Fixture Options

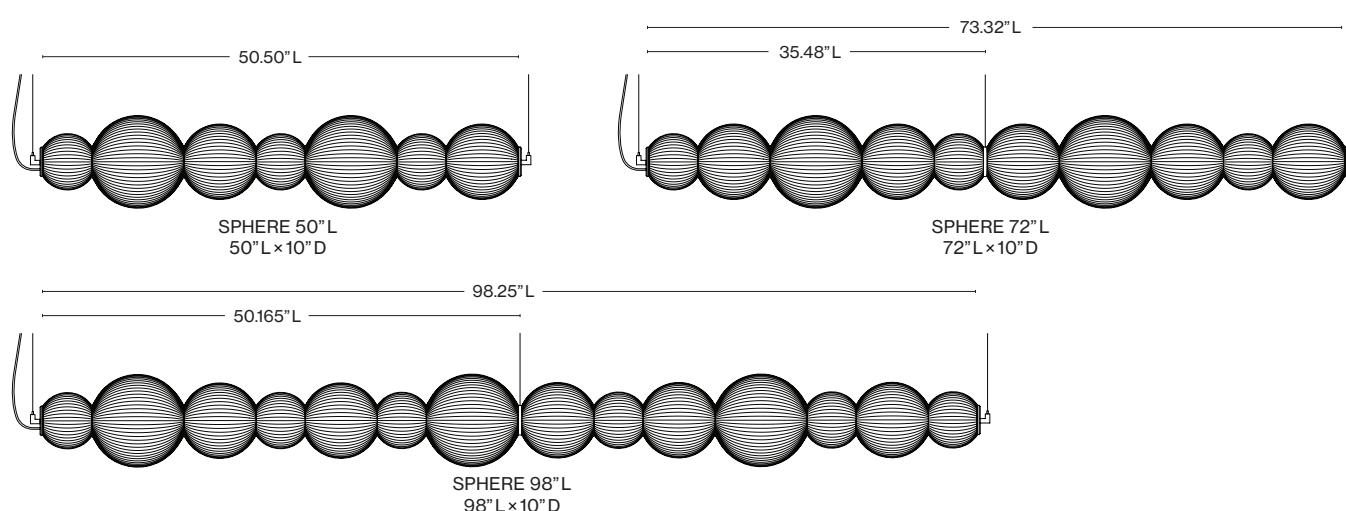
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DIMENSIONS

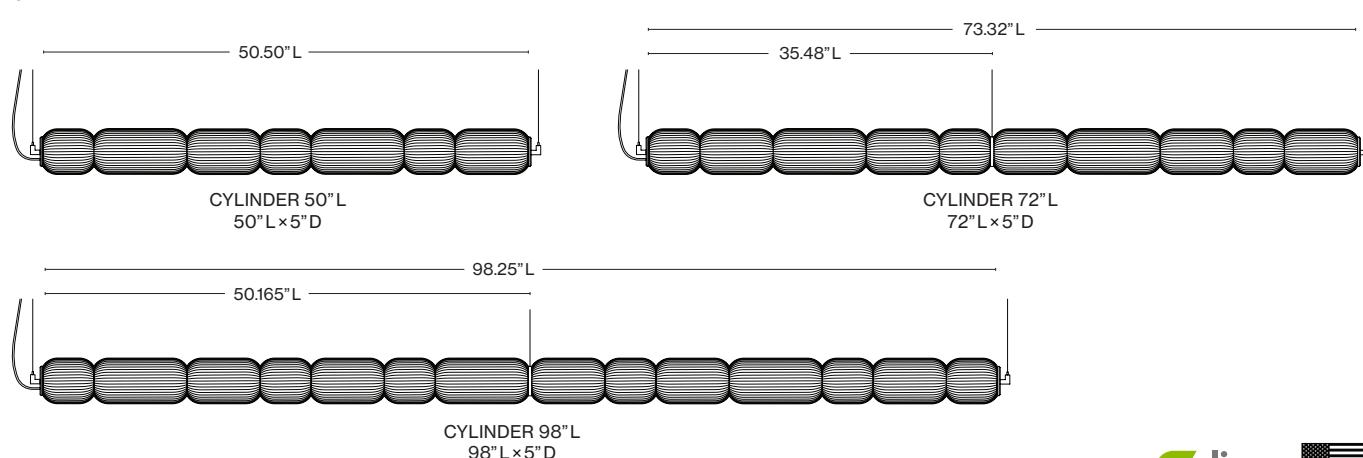
SAUCER



SPHERE



CYLINDER



 align

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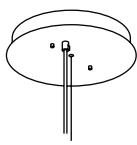
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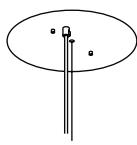
CEILING CONNECTIONS

STANDARD CANOPY

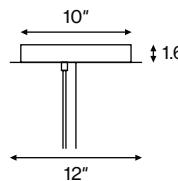
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"



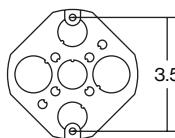
SURFACE
MOUNTED



RECESSED



4" OCTAGONAL JUNCTION BOX (BY OTHERS)



Required for powered units;
optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS



BLACK



WHITE

COLOR OPTIONS

TRANSLUCENT COLORS



HALO



SAIL



CLOVER



ROSA



SIENNA



LOOM

OPAQUE COLOR



SHIRO

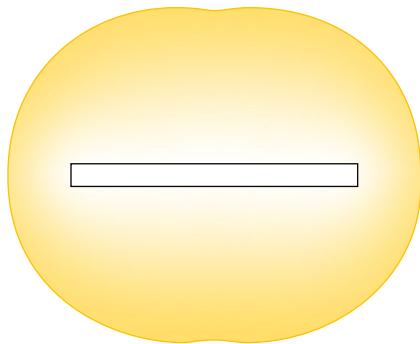
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Lighting Details

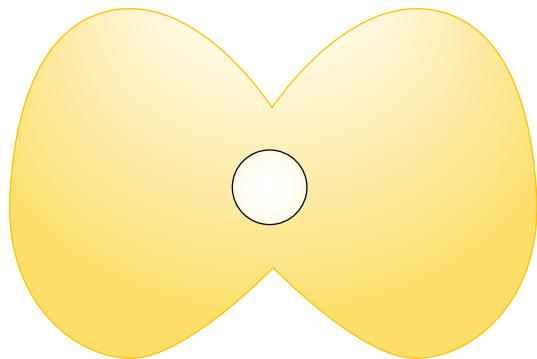
SOMARI COLLECTION

LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79



TOP VIEW



SIDE VIEW

LIGHT DISTRIBUTION

Based on measurement data

COLOR TEMPERATURE/CRI	MULTIPLIER
2700K / 90	0.93
3000K / 90	0.97
3500K / 90	1.00
4000K / 90	1.03

MATERIAL	MULTIPLIER
HALO	1.00
SHIRO	0.50
CLOVER	0.65
SAIL	0.80
ROSA	0.90
SIENNA	0.80
LOOM	0.65

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_n \times C_m \times S_c$ where:

L_n = (Nominal Lumen output at 3500K / 90 CRI) \times

C_m = (Color Temp. / CRI Multiplier) \times

S_c = (Shade Color Multiplier)

Example:

CY50 Nominal / 4000K / 90CRI / Shiro

6678LM \times 1.03 \times 0.2 = 1375LM approximate fixture output

PERFORMANCE – SOMARI HORIZONTAL

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
CY50	97.70	6678	68.30
SA50	97.70	6873	68.30
SP50	97.70	6873	68.30
CY72	72.33	10167	70.30
SA72	72.33	10167	70.30
SP72	72.33	10167	70.30
CY98	195.50	14146	72.40
SA98	195.50	14146	72.40
SP98	195.50	14146	72.40

*Calculated on theoretical averages derived from CYH50 and CYH98 photometric simulations



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Part Number Specification

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SPECIFICATION CODE

Example: 2 QTY COL-SOM-HOR-SA72-CV-WHT-STD-927CK-LV01-WPC-WH

COL-SOM-HOR - - - - - - - -

QTY. 1 2 3 4 5 6 7 8

Complete form to order Somari Horizontal fixture(s). For each number, make one selection and enter in the corresponding box above.

*Indicates modified choices; additional lead times, cost, and limited lumen outputs may apply.

1 SHAPE

- SA50 SAUCER 50 INCH
- SA72 SAUCER 72 INCH
- SA98 SAUCER 98 INCH

- SP50 SPHERE 50 INCH
- SP72 SPHERE 72 INCH
- SP98 SPHERE 98 INCH

- CY50 CYLINDER 50 INCH
- CY72 CYLINDER 72 INCH
- CY98 CYLINDER 98 INCH

2 FIXTURE COLOR

- HL HALO
- SL SAIL
- CV CLOVER
- RS ROSA
- SI SIENNA
- LM LOOM
- SR SHIRO

3 SHADE CAP COLOR

- WHT WHITE
- BLK BLACK
- SCS SAME COLOR AS SHADE

4 SUSPENSION

- STD 12" - 96"
- EXT 12" - 240"

5 LED CRI / CCT

- 927CK 90 CRI / 2700K
- 930CK 90 CRI / 3000K
- 935CK 90 CRI / 3500K
- 940CK 90 CRI / 4000K
- TW TUNABLE WHITE

6 DIMMING AND CONTROLS

- LV01 0-10V 1% DIMMING
- LEC* HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)
- DALI DALI CONTROL (NOTE: 50" L STYLES ONLY)
- LVP LOW VOLTAGE POE-NO DRIVER PROVIDED FOR POE Power supply by others.

7 CANOPY OPTIONS

- WPC WHITE
- BPC BLACK
- RWPC RECESSED WHITE
- RBPC RECESSED BLACK

8 POWER CORD

- WH WHITE
- BK BLACK