



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. Recommended ambient operating temperature 30°C. |



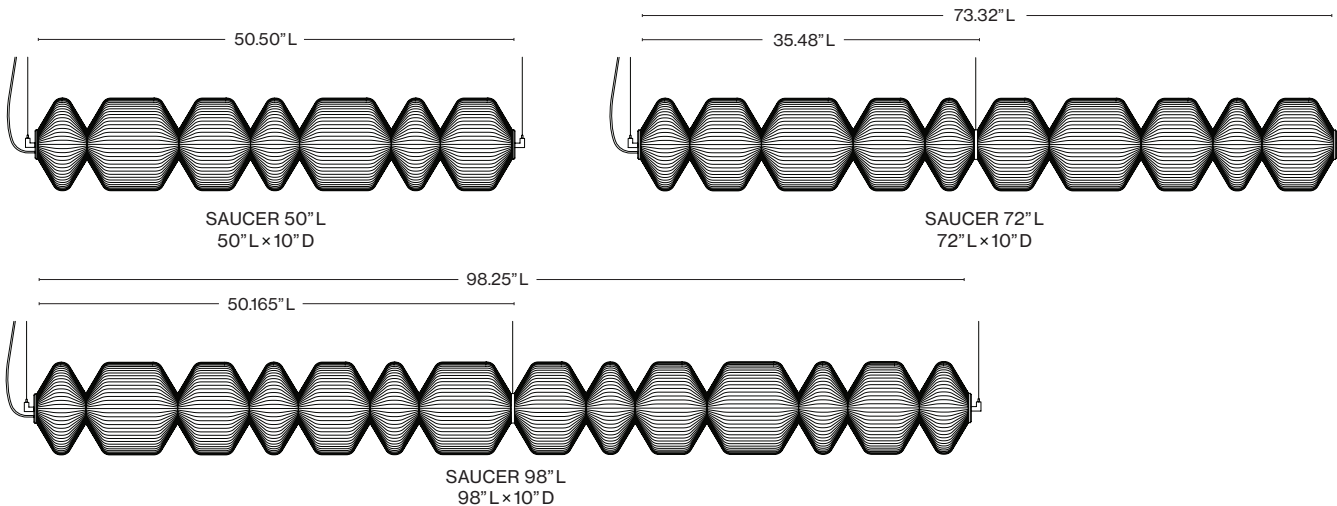
Somari Horizontal

Fixture Options

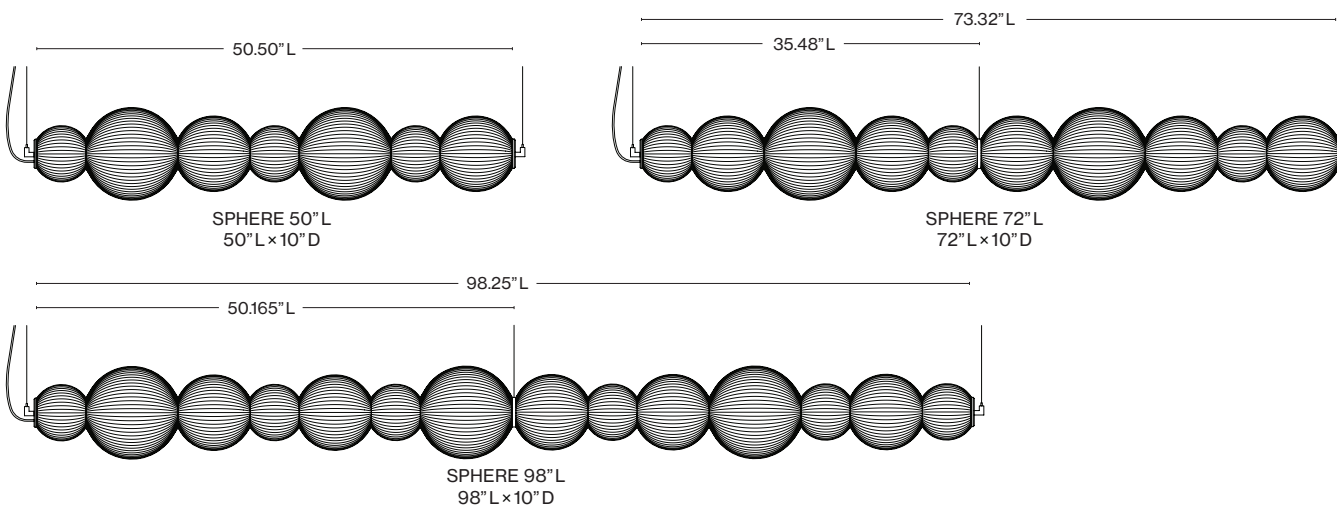
SOMARI COLLECTION

DIMENSIONS

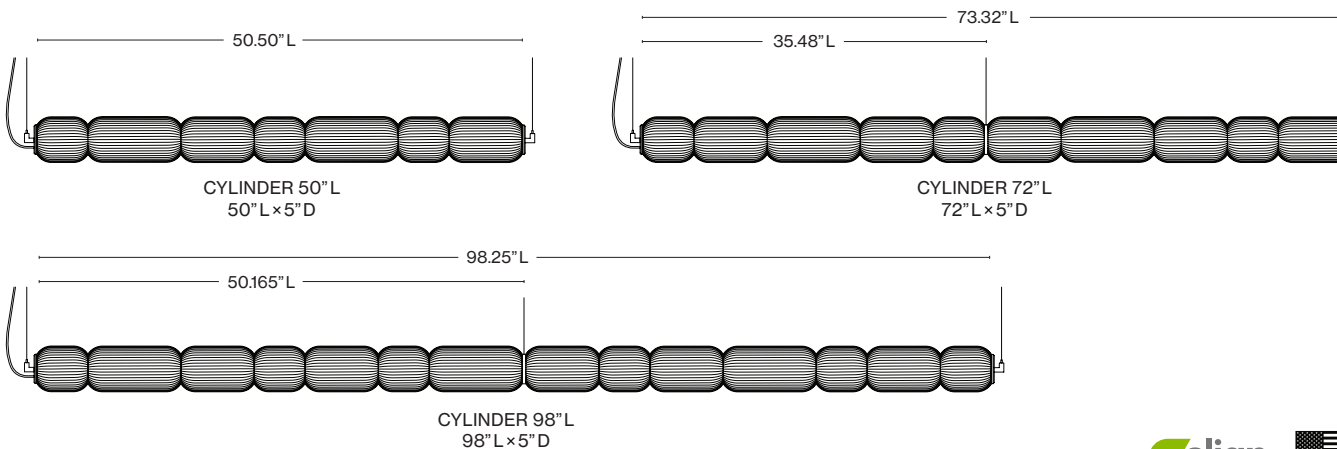
SAUCER



SPHERE



CYLINDER



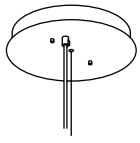
Somari Horizontal

SOMARI COLLECTION

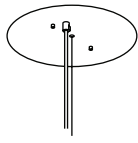
CEILING CONNECTIONS

STANDARD CANOPY

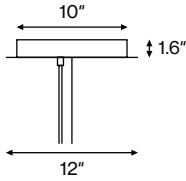
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"



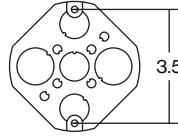
SURFACE MOUNTED



RECESSED



4" OCTAGONAL JUNCTION BOX (BY OTHERS)

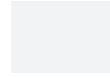


Required for powered units;
optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS



BLACK



WHITE

COLOR OPTIONS

TRANSLUCENT COLORS



HALO



SAIL



CLOVER



ROSA



SIENNA



LOOM

OPAQUE COLOR



SHIRO

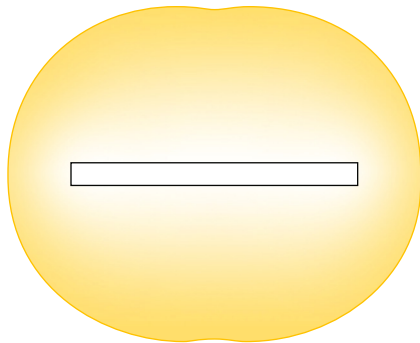
Somari Horizontal

Lighting Details

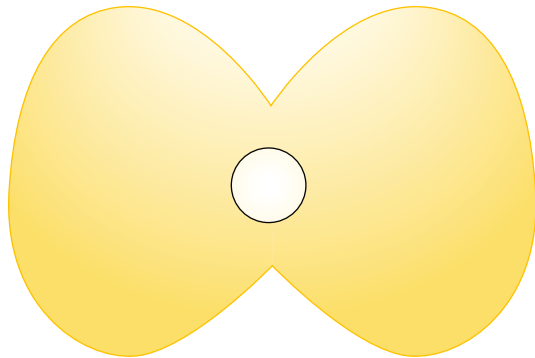
SOMARI COLLECTION

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) ×

C_m = (Color Temp. / CRI Multiplier) ×

S_c = (Shade Color Multiplier)

Example:

CY50 Nominal / 4000k / 90CRI / Shiro

$6678\text{LM} \times 1.03 \times 0.2 = 1375\text{LM}$ approximate fixture output

PERFORMANCE – SOMARI HORIZONTAL

*Based on 3500K 90CRI Halo Shade Color

| STYLE | INPUT POWER (W) | NOMINAL LUMEN OUTPUT (LM) | EFFICACY (LM/W) |
|-------|-----------------|---------------------------|-----------------|
| CYH50 | 68.71 | 4935 | 71.80 |
| SAH50 | 68.71 | 4935 | 71.80 |
| SPH50 | 68.71 | 4935 | 71.80 |
| CYH72 | 100.24 | 7197 | 71.80 |
| SAH72 | 100.24 | 7197 | 71.80 |
| SPH72 | 100.24 | 7197 | 71.80 |
| CYH98 | 136 | 9767 | 71.80 |
| SAH98 | 136 | 9769 | 71.80 |
| SPH98 | 136 | 9767 | 71.80 |

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



Somari Horizontal

Part Number Specification

SOMARI COLLECTION

SPECIFICATION CODE

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

QTY. COL-SOM-HOR - - - - - - - -

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
Driver selection limited to LV01 and DALI

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

