

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. Recommended ambient operating temperature 30°C.



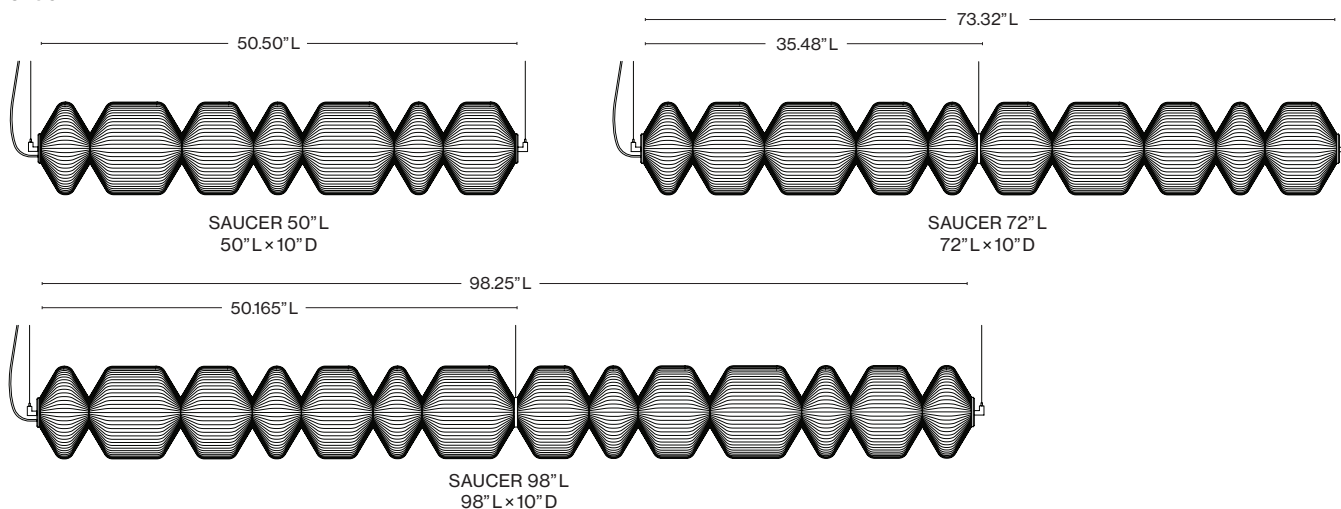
Somari Horizontal

Fixture Options

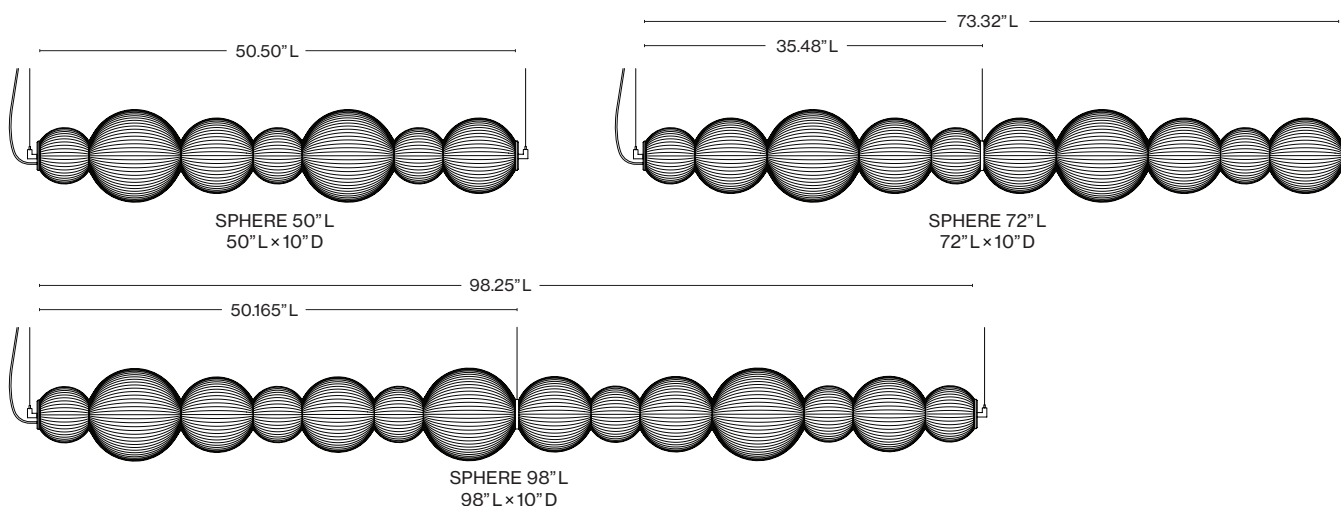
SOMARI COLLECTION

DIMENSIONS

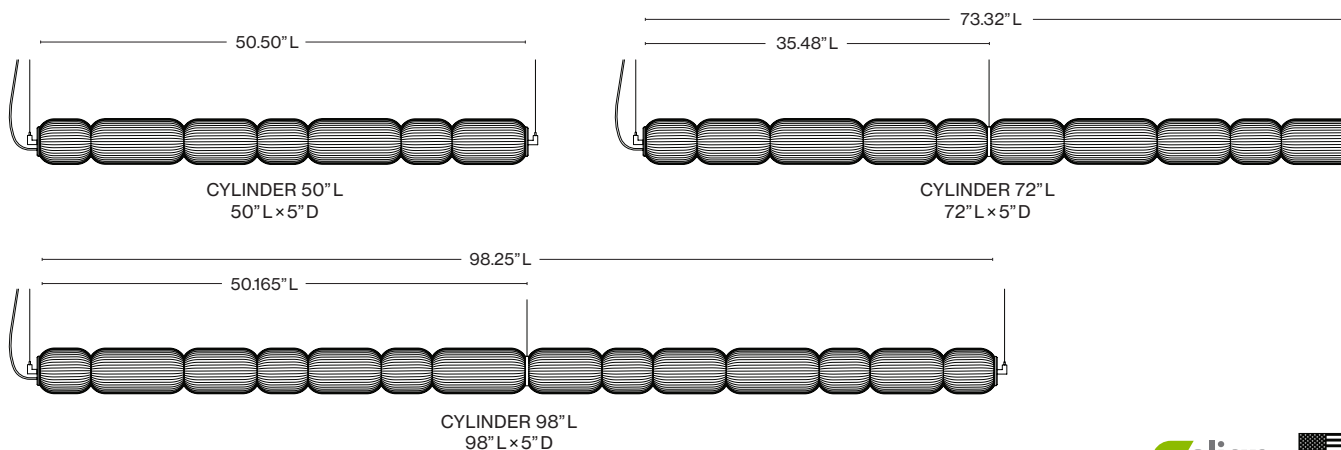
SAUCER



SPHERE



CYLINDER



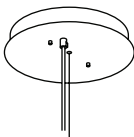
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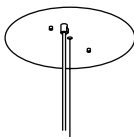
CEILING CONNECTIONS

STANDARY CANOPY

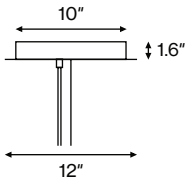
For recessed canopy, cut 11" dia hole and
recess j-box or mounting structure by 1.5"



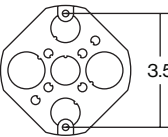
SURFACE
MOUNTED



RECESSED



4" OCTAGONAL JUNCTION BOX (BY OTHERS)

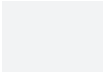


Required for powered units;
optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS



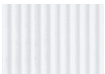
BLACK



WHITE

COLOR OPTIONS

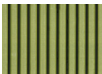
TRANSLUCENT COLORS



HALO



SAIL



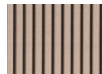
CLOVER



ROSA



SIENNA



LOOM

OPAQUE COLOR



SHIRO



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

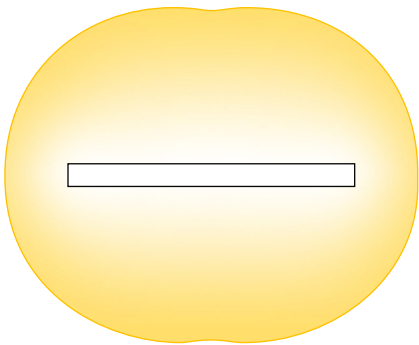
Somari Horizontal

Lighting Details

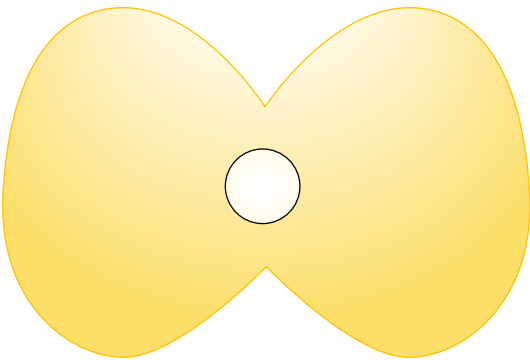
SOMARI COLLECTION

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)
CY50	68.74	4955	72.10
SA50	68.74	4746	69.00
SP50	68.74	4764	69.30
CY72	100.24	7263	72.50
SA72	100.24	6194	61.80
SP72	100.24	7197	71.80
CY98	136	10377	76.30
SA98	136	9421	69.30
SP98	136	9756	71.70

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



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

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Part Number Specification

SOMARI COLLECTION

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 |
- 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) |

7 CANOPY OPTIONS

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

8 POWER CORD

- | | |
|-----------------------------|-------|
| ☐ WH | WHITE |
| ☐ BK | BLACK |

