



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.



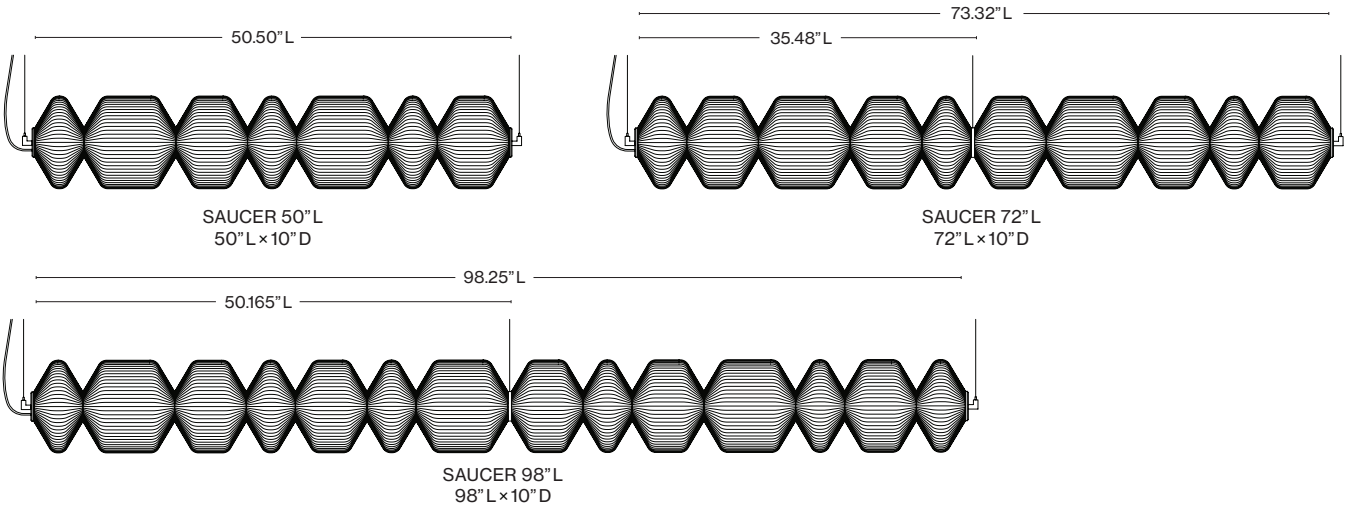
Somari Horizontal

Fixture Options

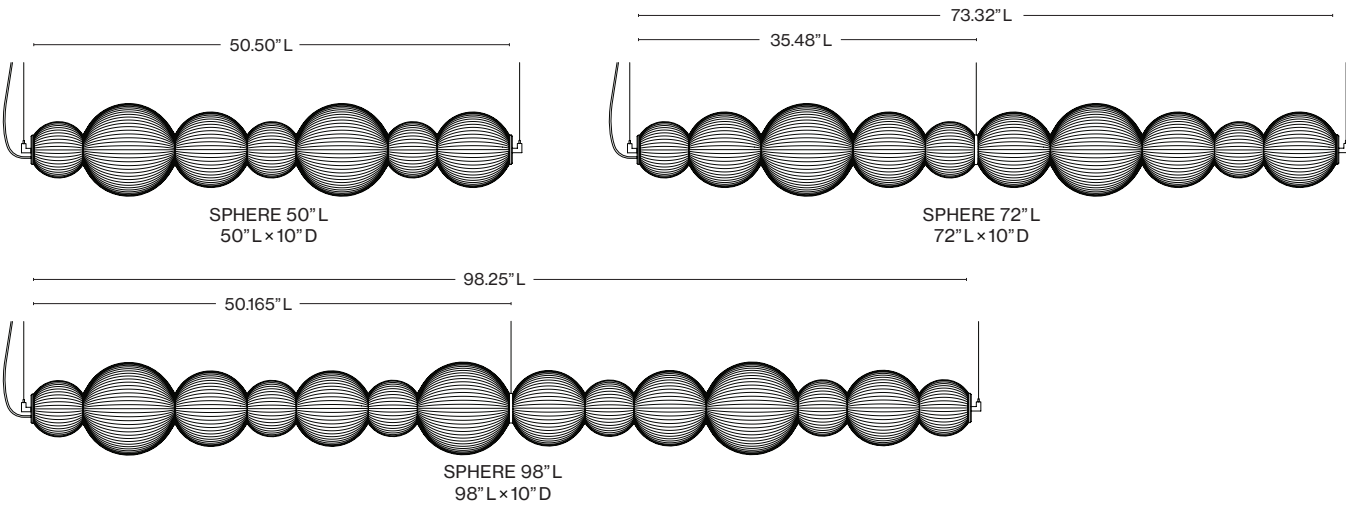
SOMARI COLLECTION

DIMENSIONS

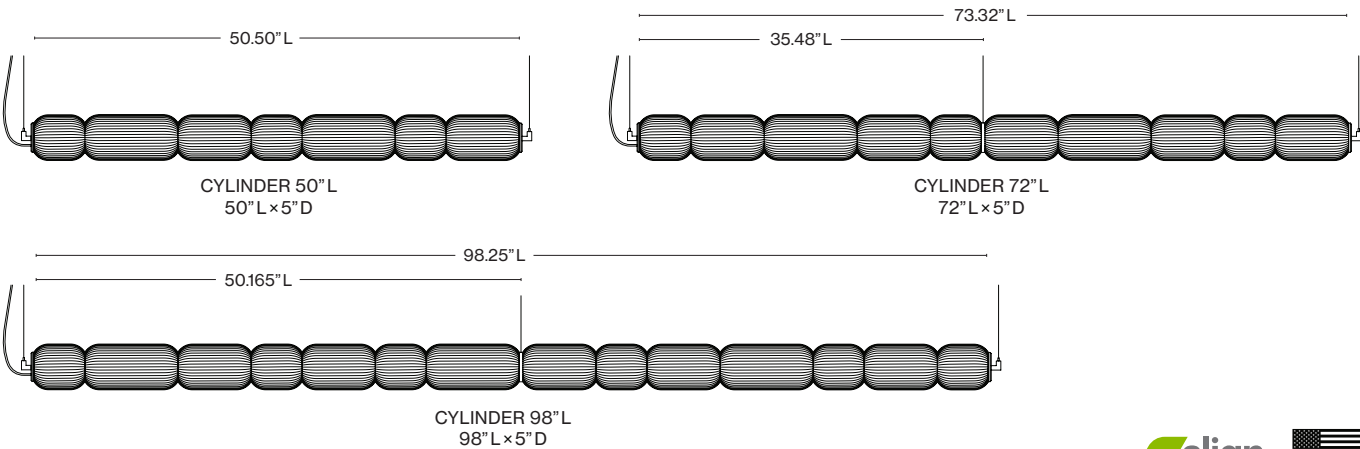
SAUCER



SPHERE



CYLINDER



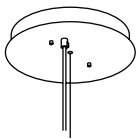
Somari Horizontal

SOMARI COLLECTION

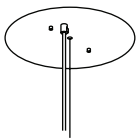
CEILING CONNECTIONS

STANDARY CANOPY

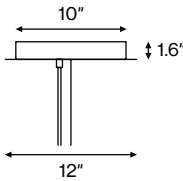
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"



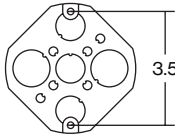
SURFACE MOUNTED



RECESSED



4" OCTAGONAL JUNCTION BOX (BY OTHERS)

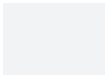


Required for powered units;
optional for unlit units

CANOPY / DRESS PLATE FINISH OPTIONS



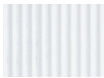
BLACK



WHITE

COLOR OPTIONS

TRANSLUCENT COLORS



HALO



SAIL



CLOVER



ROSA



SIENNA



LOOM

OPAQUE COLOR



SHIRO

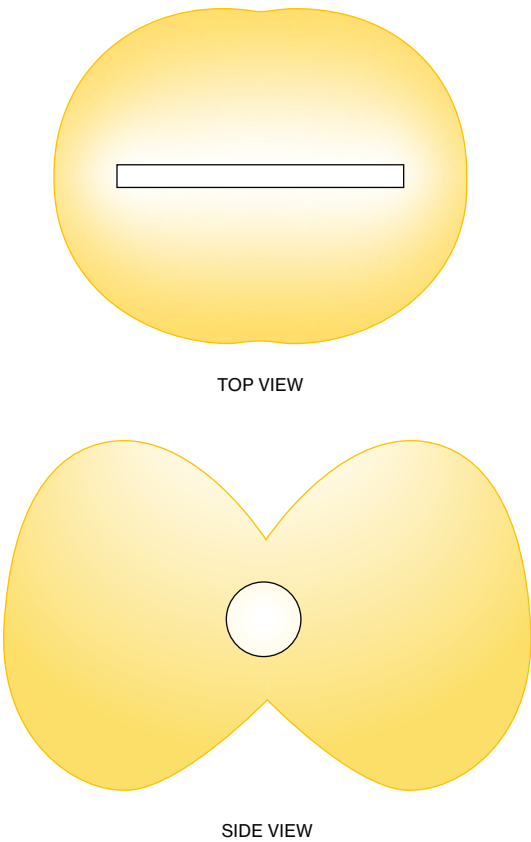
Somari Horizontal

Lighting Details

SOMARI COLLECTION

LIGHT DISTRIBUTION OPTIONS

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



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	50.59	4955	97.90
SA50	50.59	4746	93.80
SP50	50.59	4764	94.20
CY72	73.76	7263	98.50
SA72	73.76	6194	84.00
SP72	73.76	7197	97.60
CY98	99.65	10377	104.10
SA98	99.65	9421	94.50
SP98	99.65	9756	97.90



MADE IN USA
WITH GLOBAL AND
DOMESTIC PRODUCTS

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)

7

CANOPY OPTIONS

☐ WPC

WHITE

☐ BPC

BLACK

☐ RWPC

RECESSED WHITE

☐ RBPC

RECESSED BLACK

8

POWER CORD

☐ WH

WHITE

☐ BK

BLACK

