



Specifications

LIGHTING LUMEN MAINTENANCE	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. Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours	MOUNTING ELECTRICAL	Hung from 2(50L) or 3(72L and 98L) aircraft cables, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft. 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 PHOTOMETRICS	Shiro - PLA All Others - PETG (translucent colors) PVC free power cord Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.	CLEANING & CARE CERTIFICATIONS	Lightly dust with CO2 canister or swiffer type duster 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.



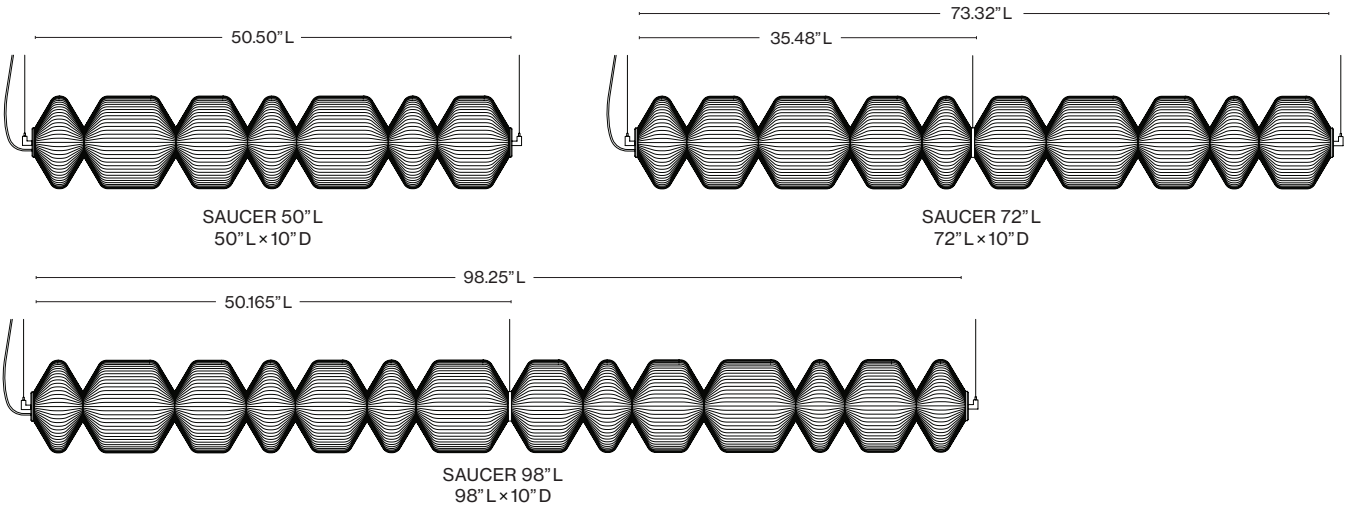
Somari Horizontal

Fixture Options

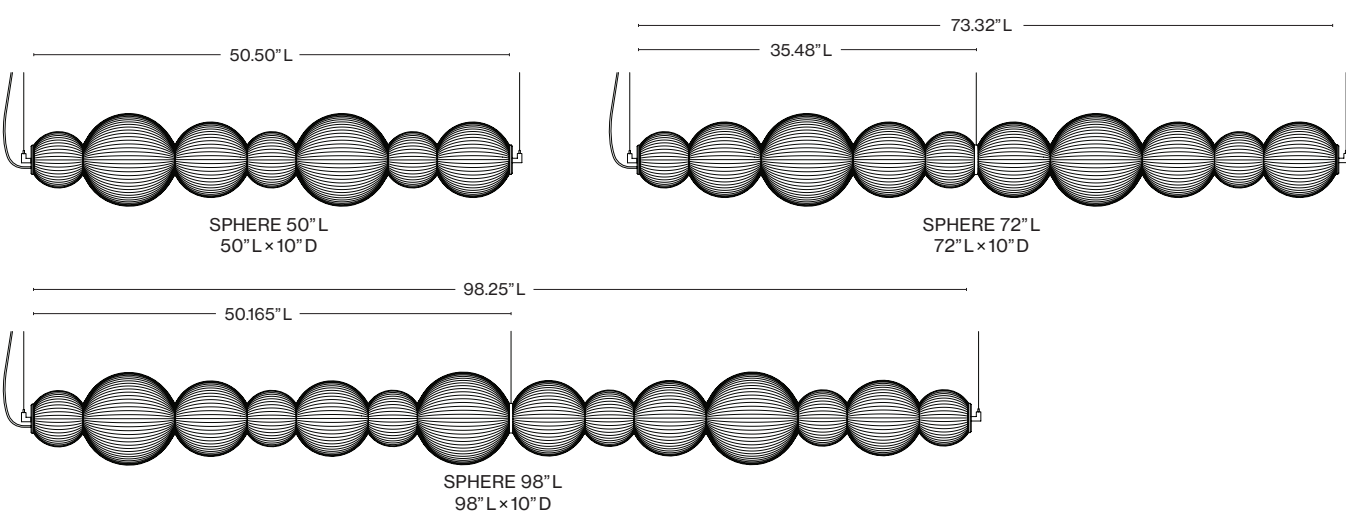
SOMARI COLLECTION

DIMENSIONS

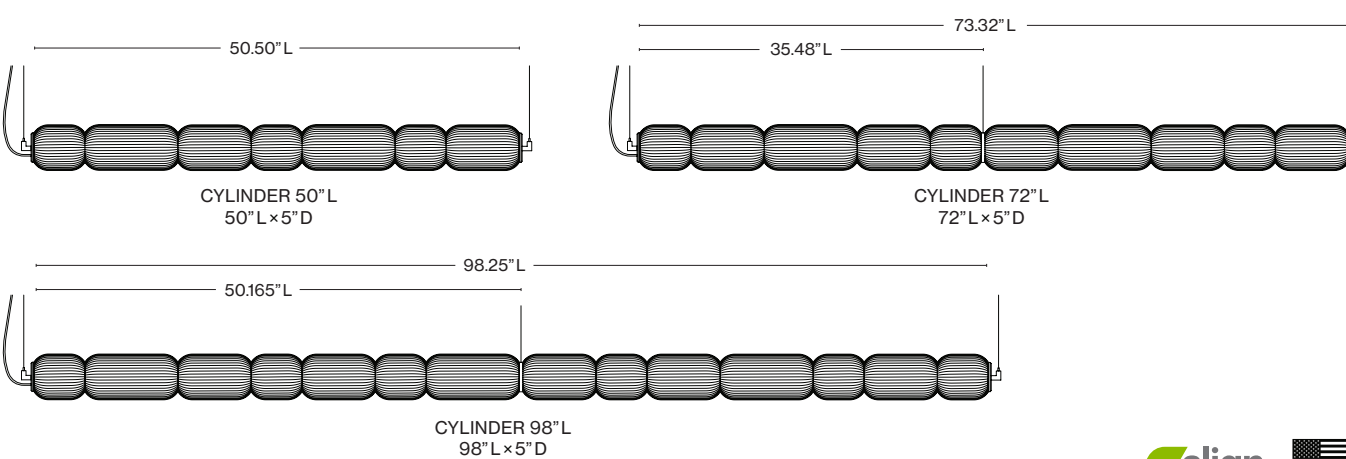
SAUCER



SPHERE



CYLINDER



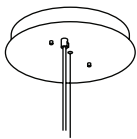
Somari Horizontal

SOMARI COLLECTION

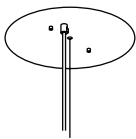
CEILING CONNECTIONS

STANDARY CANOPY

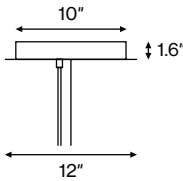
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"



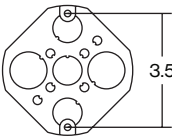
SURFACE
MOUNTED



RECESSED



4" OCTAGONAL JUNCTION BOX (BY OTHERS)

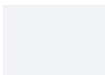


Required for powered units;
optional for unlit units

CANOPY / DRESS PLATE FINISH OPTIONS



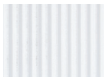
BLACK



WHITE

COLOR OPTIONS

TRANSLUCENT COLORS



HALO



SAIL



CLOVER



ROSA



SIENNA



LOOM

OPAQUE COLOR



SHIRO

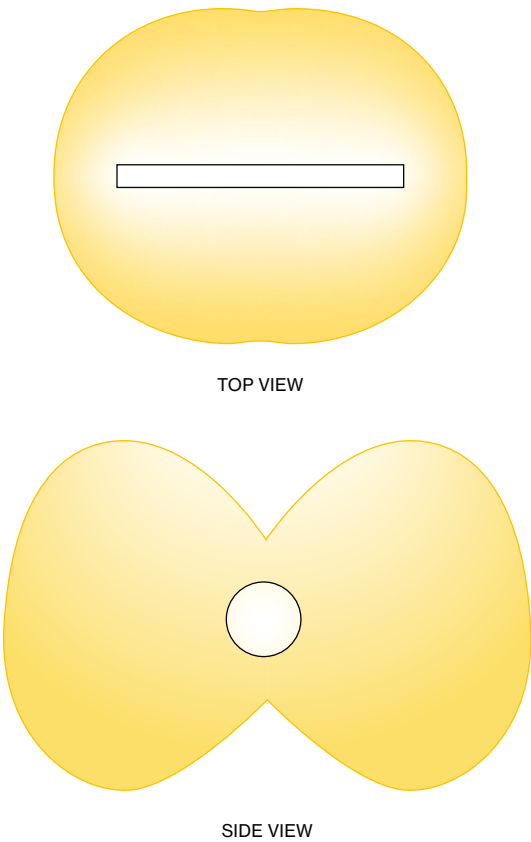
Somari Horizontal

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	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



Somari Horizontal

Part Number Specification

SOMARI COLLECTION

SPECIFICATION CODE

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

<input type="text"/>	COL-SOM-HOR-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>		
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

- | | | | | | |
|-------------------------------|----------------|-------------------------------|----------------|-------------------------------|------------------|
| <input type="checkbox"/> SA50 | SAUCER 50 INCH | <input type="checkbox"/> SP50 | SPHERE 50 INCH | <input type="checkbox"/> CY50 | CYLINDER 50 INCH |
| <input type="checkbox"/> SA72 | SAUCER 72 INCH | <input type="checkbox"/> SP72 | SPHERE 72 INCH | <input type="checkbox"/> CY72 | CYLINDER 72 INCH |
| <input type="checkbox"/> SA98 | SAUCER 98 INCH | <input type="checkbox"/> SP98 | SPHERE 98 INCH | <input type="checkbox"/> CY98 | CYLINDER 98 INCH |

2 FIXTURE COLOR

- | | |
|-----------------------------|---|
| <input type="checkbox"/> HL |  HALO |
| <input type="checkbox"/> SL |  SAIL |
| <input type="checkbox"/> CV |  CLOVER |
| <input type="checkbox"/> RS |  ROSA |
| <input type="checkbox"/> SI |  SIENNA |
| <input type="checkbox"/> LM |  LOOM |
| <input type="checkbox"/> SR |  SHIRO |

3 SHADE CAP COLOR

- | | |
|------------------------------|---------------------|
| <input type="checkbox"/> WHT | WHITE |
| <input type="checkbox"/> BLK | BLACK |
| <input type="checkbox"/> SCS | SAME COLOR AS SHADE |

4 SUSPENSION

- | | |
|------------------------------|------------|
| <input type="checkbox"/> STD | 12" - 96" |
| <input type="checkbox"/> EXT | 12" - 240" |

5 LED CRI / CCT

- | | |
|--------------------------------|----------------|
| <input type="checkbox"/> 927CK | 90 CRI / 2700K |
| <input type="checkbox"/> 930CK | 90 CRI / 3000K |
| <input type="checkbox"/> 935CK | 90 CRI / 3500K |
| <input type="checkbox"/> 940CK | 90 CRI / 4000K |
| <input type="checkbox"/> TW | TUNABLE WHITE |

6 DIMMING AND CONTROLS

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

7 CANOPY OPTIONS

- | | |
|-------------------------------|----------------|
| <input type="checkbox"/> WPC | WHITE |
| <input type="checkbox"/> BPC | BLACK |
| <input type="checkbox"/> RWPC | RECESSED WHITE |
| <input type="checkbox"/> RBPC | RECESSED BLACK |

8 POWER CORD

- | | |
|-----------------------------|-------|
| <input type="checkbox"/> WH | WHITE |
| <input type="checkbox"/> BK | BLACK |

