Somari Horizontal

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.
LUMEN MAINTENANCE	Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours
CONSTRUCTION	Shiro - PLA All Others - PETG (translucent colors) PVC free power cord
PHOTOMETRICS	Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.
HARDWARE	TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.

MOUNTING	Hung from 2(50L) or 3(72L and 98L) aircraft cables, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft.
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%.
CLEANING & CARE	Lightly dust with CO_2 canister or swiffer type duster
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.
WARRANTY	5 year warranty on all standard components.

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DIMENSIONS

SAUCER

50.50"L

SAUCER 50"L
50"L×10"D

73.32"L

35.48"L

SAUCER 72"L
72"L×10"D

98.25"L

50.165"L

SAUCER 98"L
98"L×10"D

SPHERE

50.50"L

SPHERE 50"L
50"L×10"D

73.32"L

35.48"L

SPHERE 72"L
72"L×10"D

98.25"L

50.165"L

SPHERE 98"L
98"L×10"D

CYLINDER

50.50"L

CYLINDER 50"L
50"L×5"D

73.32"L

35.48"L

CYLINDER 72"L
72"L×5"D

98.25"L

50.165"L

CYLINDER 98"L
98"L×5"D

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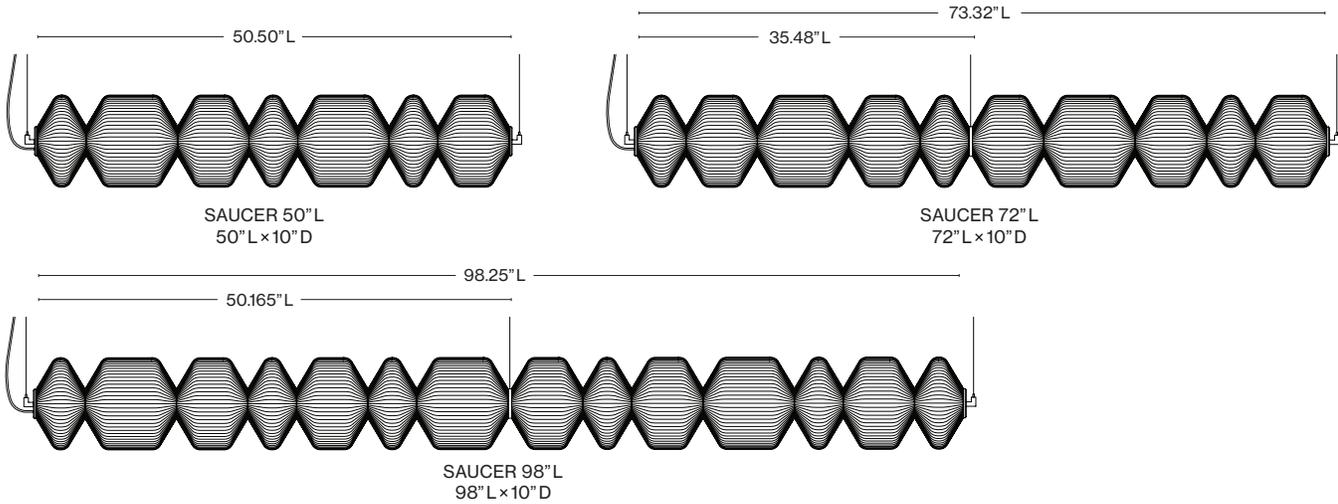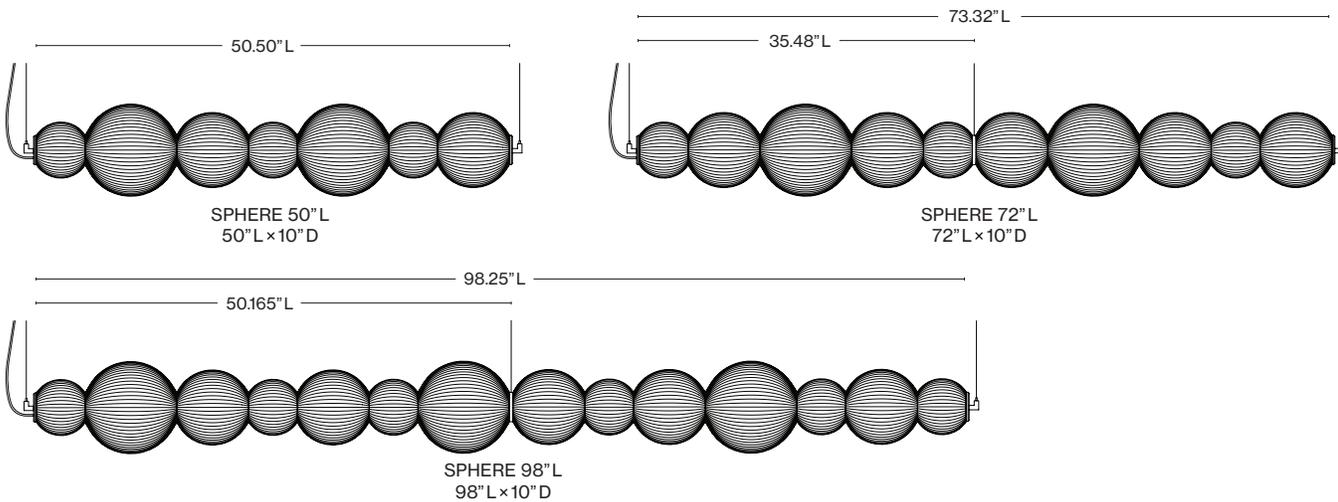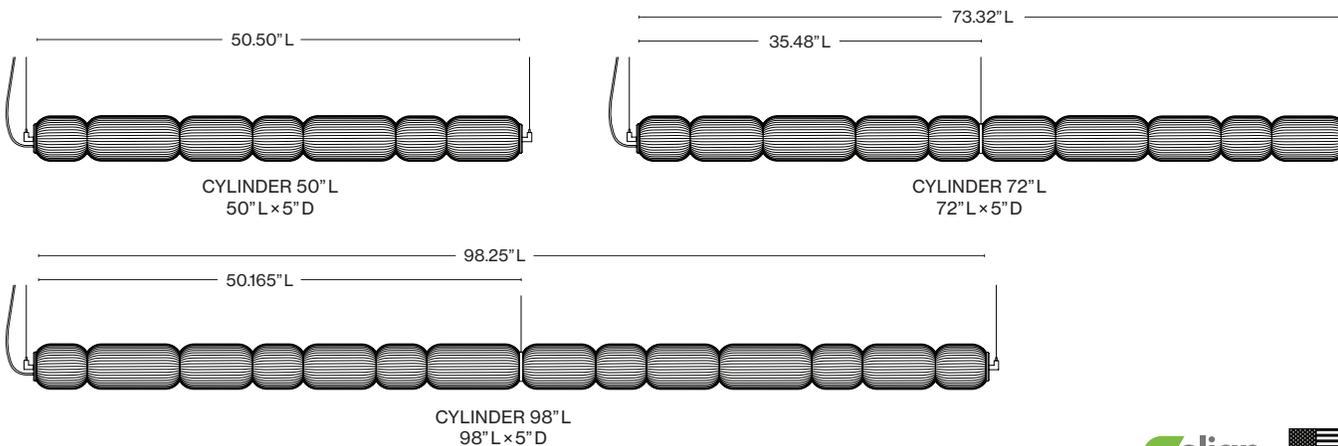
Somari Horizontal

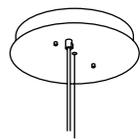## CEILING CONNECTIONS

STANDARY CANOPY

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

10"

‡ 1.6"

12"

SURFACE MOUNTED

RECESSED

4" OCTAGONAL JUNCTION BOX (BY OTHERS)

3.5"
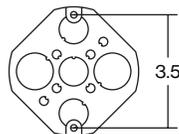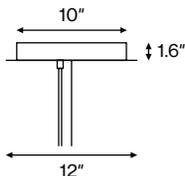
Required for powered units; optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS

BLACK
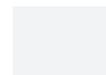
WHITE

COLOR OPTIONS

TRANSLUCENT COLORS

HALO   SAIL   CLOVER   ROSA   SIENNA   LOOM

OPAQUE COLOR

SHIRO
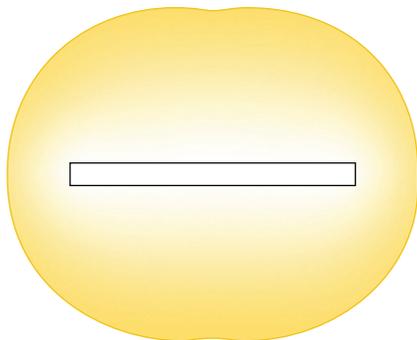
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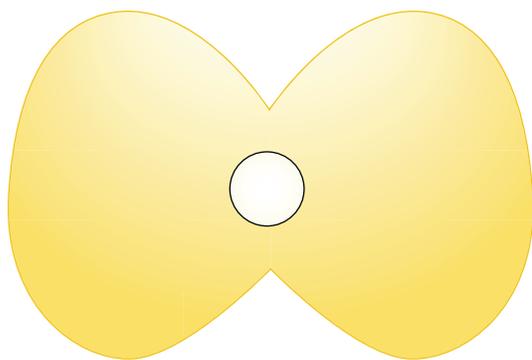
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Somari Horizontal

Lighting Details

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	097
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
6678LM × 1.03× 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 theorectical averages derived from CYH50 and CYH98 photometric simulations

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

| QTY. | COL-SOM-HOR - | ❶ | - ❷ | - ❸ | - ❹ | - ❺ | - ❻ | - ❼ | - ❽ |

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.

❶ SHAPE

☐ SA50	SAUCER 50 INCH	☐ SP50	SPHERE 50 INCH	☐ CY50	CYLINDER 50 INCH		
☐ SA72	SAUCER 72 INCH	☐ SP72	SPHERE 72 INCH	☐ CY72	CYLINDER 72 INCH		
☐ SA98	SAUCER 98 INCH	☐ SP98	SPHERE 98 INCH	☐ CY98	CYLINDER 98 INCH		

❷ FIXTURE COLOR

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

❸ SHADE CAP COLOR

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

❹ SUSPENSION

- ☐ STD   12" – 96"
- ☐ EXT   12" – 240"

❺ 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

❻ 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.

❼ CANOPY OPTIONS

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

❽ POWER CORD

- ☐ WH   WHITE
- ☐ BK   BLACK

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