



Specifications

<p>LIGHTING</p>	<p>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.</p>	<p>MOUNTING</p>	<p>Hung from a single, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft.</p>
<p>LUMEN MAINTENANCE</p>	<p>Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) > 102,000 hours L70(17k) > 102,000 hours</p>	<p>ELECTRICAL</p>	<p>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%.</p>
<p>CONSTRUCTION</p>	<p>Shiro - PLA All Others - PETG (translucent colors) PVC free power cord</p>	<p>CLEANING & CARE</p>	<p>Lightly dust with CO2 canister or swiffer type duster</p>
<p>PHOTOMETRICS</p>	<p>Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.</p>	<p>CERTIFICATIONS</p>	<p>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.</p>
<p>HARDWARE</p>	<p>TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.</p>	<p>WARRANTY</p>	<p>5 year warranty on all standard components. Recommended ambient operating temperature 30°C.</p>



Somari Stack

Fixture Options

SOMARI COLLECTION

DIMENSIONS

2 SHAPE CONFIGURATIONS



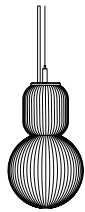
2A

12.6"H×10"D



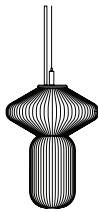
2B

12.6"H×8"D



2C

12.6"H×8"D



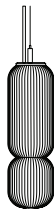
2P

12.6"H×10"D



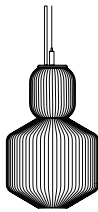
2E

12.6"H×10"D



2F

14.7"H×5"D



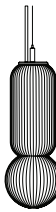
2G

14.7"H×10"D



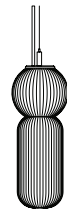
2H

14.7"H×10"D



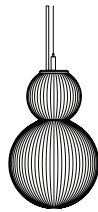
2I

14.7"H×6"D



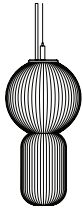
2J

14.7"H×6"D



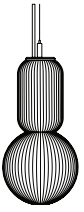
2K

14.7"H×10"D



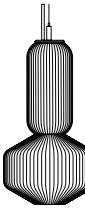
2L

14.7"H×8"D



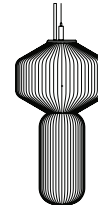
2M

14.7"H×8"D



2N

17.5"H×10"D



2O

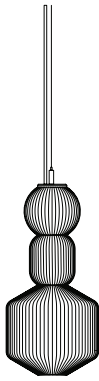
17.5"H×10"D

3 SHAPE CONFIGURATIONS



3A

17.7"H×8"D



3B

19.8"H×10"D



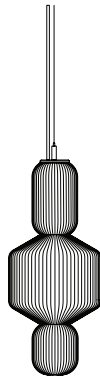
3C

19.8"H×10"D



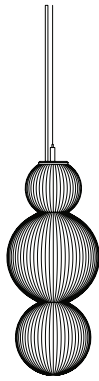
3M

20"H×5"D



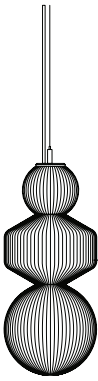
3E

22"H×10"D



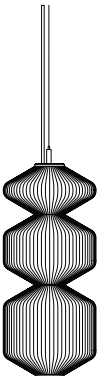
3F

22"H×10"D



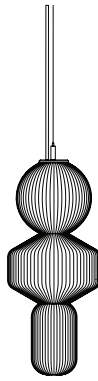
3G

22"H×10"D



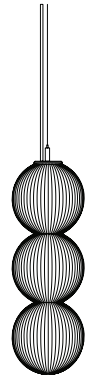
3H

22"H×10"D



3I

22.4"H×10"D



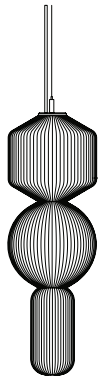
3J

22.4"H×8"D



3K

22.4"H×5"D



3L

28.7"H×10"D

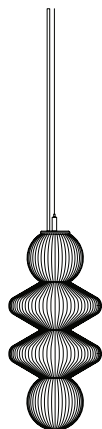
Somari Stack

Fixture Options

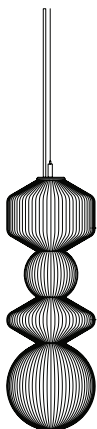
SOMARI COLLECTION

DIMENSIONS

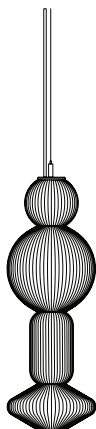
4 SHAPE CONFIGURATIONS



4A
20.5"H×10"D



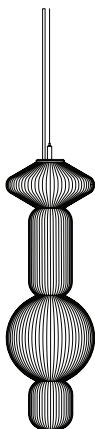
4B
27.3"H×10"D



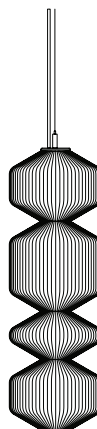
4C
27.3"H×10"D



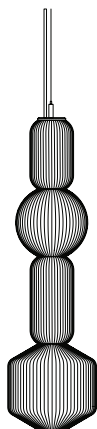
4D
27.3"H×5"D



4E
29.4"H×10"D



4F
29.6"H×10"D

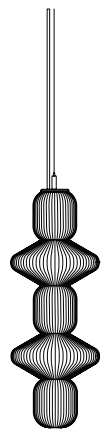


4G
34"H×10"D

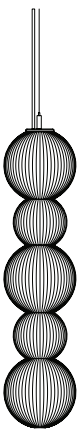


4I
38.3"H×5"D

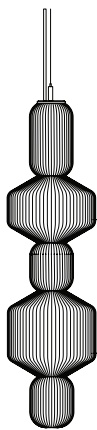
5 SHAPE CONFIGURATIONS



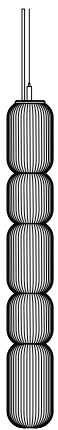
5A
25.6"H×10"D



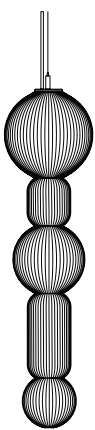
5B
32.7"H×8"D



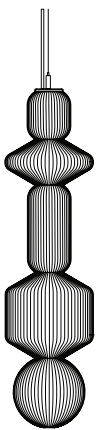
5C
34.8"H×10"D



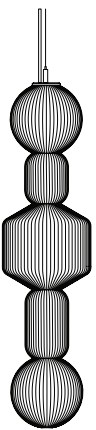
5D
34.8"H×5"D



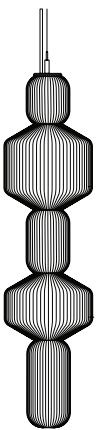
5E
36.8"H×10"D



5F
36.8"H×10"D



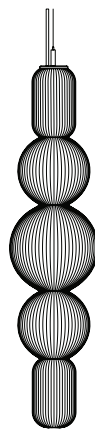
5G
37"H×10"D



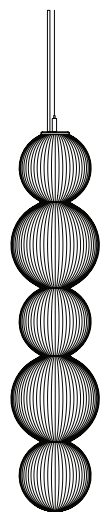
5O
39.2"H×10"D



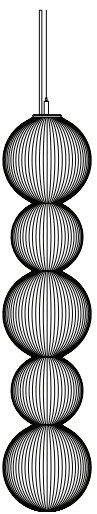
5I
39.2"H×10"D



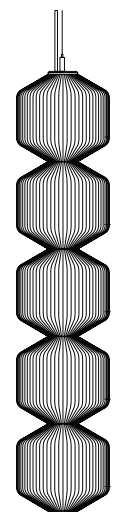
5J
39.5"H×10"D



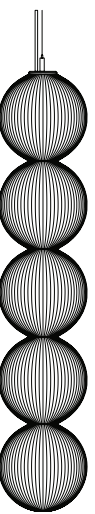
5K
41.5"H×10"D



5L
43.6"H×10"D



5M
47.8"H×10"D



5N
47.8"H×10"D



Somari Stack

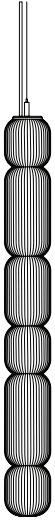
Fixture Options

SOMARI COLLECTION

DIMENSIONS

6 SHAPE CONFIGURATIONS

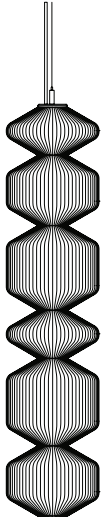
7 SHAPE CONFIGURATIONS



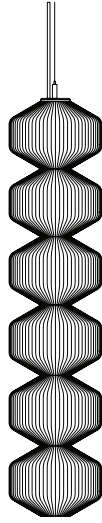
6A
42"H×5"D



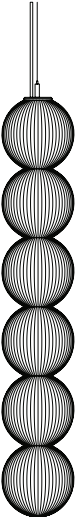
6B
42"H×5"D



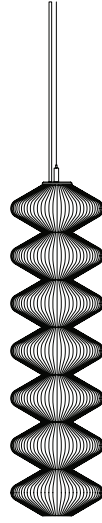
6C
44.3"H×10"D



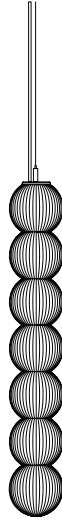
6F
44.8"H×10"D



6E
44.8"H×8"D



7A
35.8"H×10"D



7B
35.8"H×6"D



7C
35.8"H×5"D

Somari Stack

Fixture Options

SOMARI COLLECTION

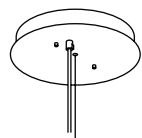
CEILING CONNECTIONS

STANDARD CANOPY

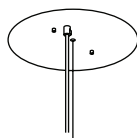
For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"

4" OCTAGONAL JUNCTION BOX (BY OTHERS)

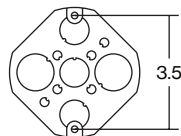
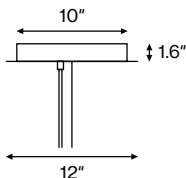
CANOPY/DRESS PLATE FINISH OPTIONS



SURFACE MOUNTED



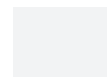
RECESSED



Required for powered units; optional for unlit units



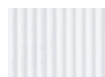
BLACK



WHITE

COLOR OPTIONS

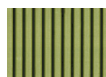
TRANSLUCENT COLORS



HALO



SAIL



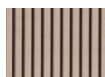
CLOVER



ROSA



SIENNA



LOOM

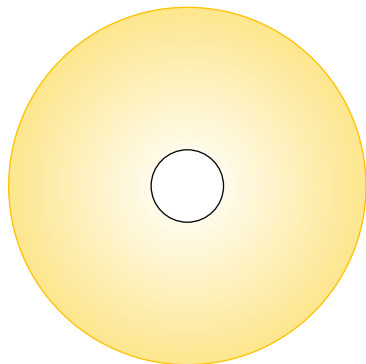
OPAQUE COLOR



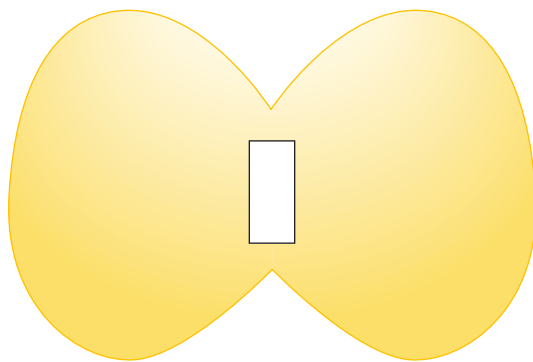
SHIRO

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:

2A Nominal / 4000k / 90CRI / Shiro

$1367\text{LM} \times 1.03 \times 0.2 = 282\text{LM}$ approximate fixture output

PERFORMANCE – SOMARI TWO SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
2A	14.40	981	68.30
2B	14.40	981	68.30
2C	14.40	981	68.30
2P	14.40	981	68.30
2E	14.40	981	68.30
2F	17.20	1177	68.50
2G	17.20	1177	68.50

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
2H	17.20	1177	68.50
2I	17.20	1177	68.50
2J	17.20	1177	68.50
2K	17.20	1177	68.50
2L	17.20	1177	68.50
2M	17.20	1177	68.50
2N	20.00	1373	68.60
2O	20.00	1373	68.60

*Calculated on theoretical averages derived from 3L and 7C photometric simulations



Somari Stack

SOMARI COLLECTION

PERFORMANCE – SOMARI THREE SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
3A	21.40	1471	68.70
3B	24.40	1667	68.50
3C	24.40	1667	68.50
3M	24.40	1667	68.50
3E	27.20	1863	68.60
3F	27.20	1863	68.60
3G	27.20	1863	68.60
3H	27.20	1863	68.60
3I	28.60	1961	68.60
3J	28.60	1961	68.60
3K	28.60	1961	68.60
3L	37.20	2714	73

PERFORMANCE – SOMARI FOUR SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
4A	25.80	1765	68.50
4B	35.80	2451	68.50
4C	35.80	2451	68.50
4D	35.80	2451	68.50
4E	38.60	2648	68.60
4F	38.60	2648	68.60
4G	44.40	3040	68.50
4I	50.10	3432	68.50

PERFORMANCE – SOMARI FIVE SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
5A	32.90	2256	68.50
5B	42.90	2942	68.50
5C	45.80	3138	68.60
5D	45.80	3138	68.60
5E	48.60	3334	68.60
5F	48.60	3334	68.60
5G	48.60	3334	68.60
5O	51.50	3530	68.50
5I	51.50	3530	68.50
5J	52.90	3628	68.50
5K	55.80	3825	68.60
5L	58.70	4021	68.50
5M	64.40	4413	68.60
5N	64.40	4413	68.60

PERFORMANCE – SOMARI SIX SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
6A	55.80	3825	68.60
6B	55.80	3825	68.60
6C	60.10	4119	68.50
6F	60.10	4119	68.50
6E	60.10	4119	68.50

PERFORMANCE – SOMARI SEVEN SHAPE CONFIGURATIONS

*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
7A	47.20	3236	68.60
7B	47.20	3236	68.60
7C	47.20	3236	68.60

*Calculated on theoretical averages derived from 3L and 7C photometric simulations



Somari Stack

Part Number Specification

SOMARI COLLECTION

SPECIFICATION CODE

Example: 2 QTY COL-SOM-STACK-4C-CV-WHT-STD-927CK-LV01-WPC-WH

QTY. COL-SOM-STACK--------

1
2
3
4
5
6
7
8

Complete form to order Somari Stack 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"/> 2A	2A	<input type="checkbox"/> 3A	3A	<input type="checkbox"/> 4A	4A	<input type="checkbox"/> 5A	5A	<input type="checkbox"/> 6A	6A
<input type="checkbox"/> 2B	2B	<input type="checkbox"/> 3B	3B	<input type="checkbox"/> 4B	4B	<input type="checkbox"/> 5B	5B	<input type="checkbox"/> 6B	6B
<input type="checkbox"/> 2C	2C	<input type="checkbox"/> 3C	3C	<input type="checkbox"/> 4C	4C	<input type="checkbox"/> 5C	5C	<input type="checkbox"/> 6C	6C
<input type="checkbox"/> 2P	2P	<input type="checkbox"/> 3M	3M	<input type="checkbox"/> 4D	4D	<input type="checkbox"/> 5D	5D	<input type="checkbox"/> 6F	6F
<input type="checkbox"/> 2E	2E	<input type="checkbox"/> 3E	3E	<input type="checkbox"/> 4E	4E	<input type="checkbox"/> 5E	5E	<input type="checkbox"/> 6E	6E
<input type="checkbox"/> 2F	2F	<input type="checkbox"/> 3F	3F	<input type="checkbox"/> 4F	4F	<input type="checkbox"/> 5F	5F		
<input type="checkbox"/> 2G	2G	<input type="checkbox"/> 3G	3G	<input type="checkbox"/> 4G	4G	<input type="checkbox"/> 5G	5G		
<input type="checkbox"/> 2H	2H	<input type="checkbox"/> 3H	3H	<input type="checkbox"/> 4H	4H	<input type="checkbox"/> 5O	5O		
<input type="checkbox"/> 2I	2I	<input type="checkbox"/> 3I	3I			<input type="checkbox"/> 5I	5I	<input type="checkbox"/> 7A	7A
<input type="checkbox"/> 2J	2J	<input type="checkbox"/> 3J	3J			<input type="checkbox"/> 5J	5J	<input type="checkbox"/> 7B	7B
<input type="checkbox"/> 2K	2K	<input type="checkbox"/> 3K	3K			<input type="checkbox"/> 5K	5K	<input type="checkbox"/> 7C	7C
<input type="checkbox"/> 2L	2L	<input type="checkbox"/> 3L	3L			<input type="checkbox"/> 5L	5L		
<input type="checkbox"/> 2M	2M					<input type="checkbox"/> 5M	5M		
<input type="checkbox"/> 2N	2N					<input type="checkbox"/> 5N	5N		
<input type="checkbox"/> 2O	2O								

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

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION



CONTINUE SPECIFICATION

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

Lumen output will be limited and vary based on style length; 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
- 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

