



## Specifications

<p><b>LIGHTING</b></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><b>MOUNTING</b></p>	<p>Hung from a single, fully-adjustable, stainless steel aircraft cable. Contact LightArt for lengths over 20ft.</p>
<p><b>LUMEN MAINTENANCE</b></p>	<p>Reported TM-21 Lifetimes L90(17k) = 52,600 hours L80(17k) &gt; 102,000 hours L70(17k) &gt; 102,000 hours</p>	<p><b>ELECTRICAL</b></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 &gt; .95. Total Harmonic Distortion (THD) of &lt; 20%.</p>
<p><b>CONSTRUCTION</b></p>	<p>Shiro - PLA All Others - PETG (translucent colors) PVC free power cord</p>	<p><b>CLEANING &amp; CARE</b></p>	<p>Lightly dust with CO2 canister or swiffer type duster</p>
<p><b>PHOTOMETRICS</b></p>	<p>Consult factory or website for IES files for performance light core, tested in accordance with IESNA LM79.</p>	<p><b>CERTIFICATIONS</b></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><b>HARDWARE</b></p>	<p>TGIC-free powder coat. Adjustable hanging height. Made with RoHS compliant parts.</p>	<p><b>WARRANTY</b></p>	<p>5 year warranty on all standard components.</p>



# Somari Stack

Fixture Options

SOMARI COLLECTION

## DIMENSIONS

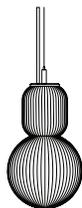
### 2 SHAPE CONFIGURATIONS



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



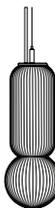
2F  
14.7"H×5"D



2G  
14.7"H×10"D



2H  
14.7"H×10"D



2I  
14.7"H×6"D



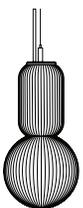
2J  
14.7"H×6"D



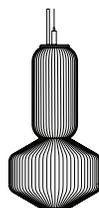
2K  
14.7"H×10"D



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



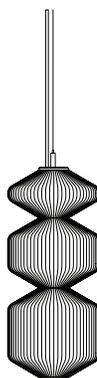
3E  
22"H×10"D



3F  
22"H×10"D



3G  
22"H×10"D



3H  
22"H×10"D



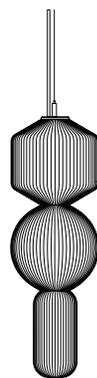
3I  
22.4"H×10"D



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

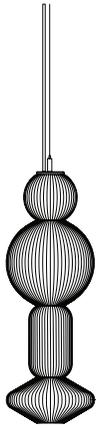
#### 4 SHAPE CONFIGURATIONS



4A  
20.5"H×10"D



4B  
27.3"H×10"D



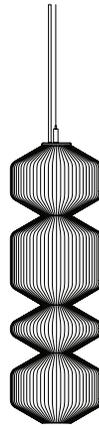
4C  
27.3"H×10"D



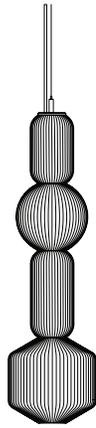
4D  
27.3"H×5"D



4E  
29.4"H×10"D



4F  
29.6"H×10"D



4G  
34"H×10"D

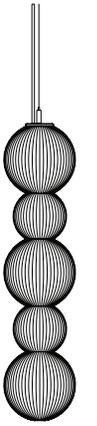


4I  
38.3"H×5"D

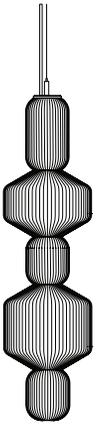
#### 5 SHAPE CONFIGURATIONS



5A  
25.6"H×10"D



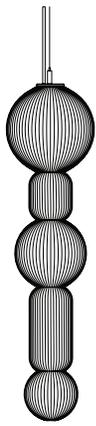
5B  
32.7"H×8"D



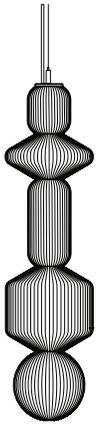
5C  
34.8"H×10"D



5D  
34.8"H×5"D



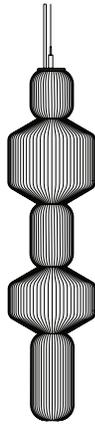
5E  
36.8"H×10"D



5F  
36.8"H×10"D



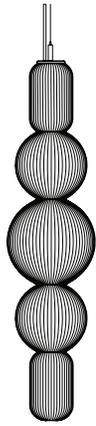
5G  
37"H×10"D



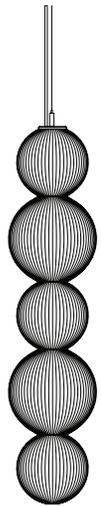
5O  
39.2"H×10"D



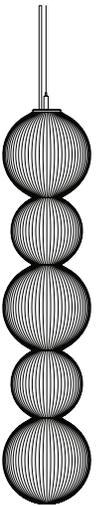
5I  
39.2"H×10"D



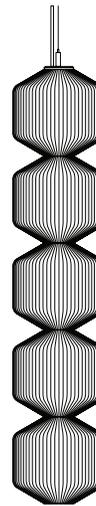
5J  
39.5"H×10"D



5K  
41.5"H×10"D



5L  
43.6"H×10"D



5M  
47.8"H×10"D



5N  
47.8"H×10"D



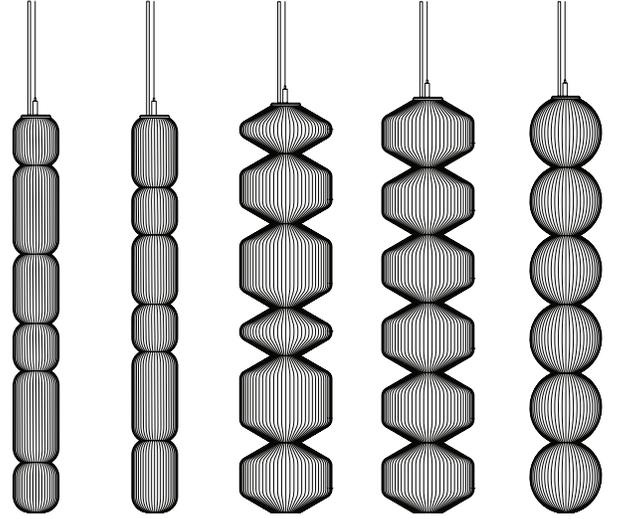
# Somari Stack

Fixture Options

SOMARI COLLECTION

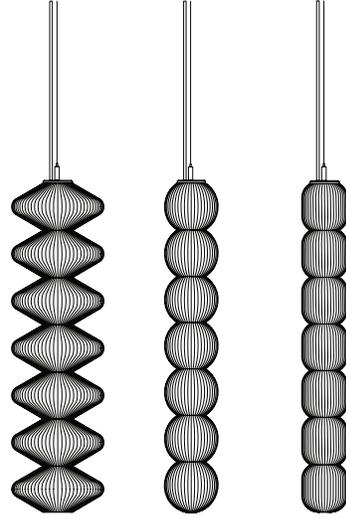
## DIMENSIONS

### 6 SHAPE CONFIGURATIONS



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

### 7 SHAPE CONFIGURATIONS



7A 35.8"H×10"D  
7B 35.8"H×6"D  
7C 35.8"H×5"D

# Somari Stack

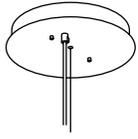
## Fixture Options

SOMARI COLLECTION

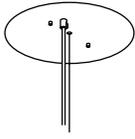
### CEILING CONNECTIONS

#### STANDARD CANOPY

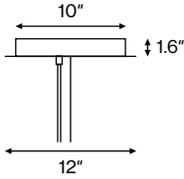
*For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"*



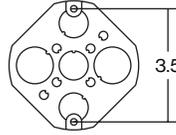
SURFACE MOUNTED



RECESSED



#### 4" OCTAGONAL JUNCTION BOX (BY OTHERS)

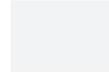


*Required for powered units; optional for unlit units*

#### CANOPY/DRESS PLATE FINISH OPTIONS



BLACK



WHITE

### COLOR OPTIONS

#### TRANSLUCENT COLORS



HALO



SAIL



CLOVER



ROSA



SIENNA



LOOM

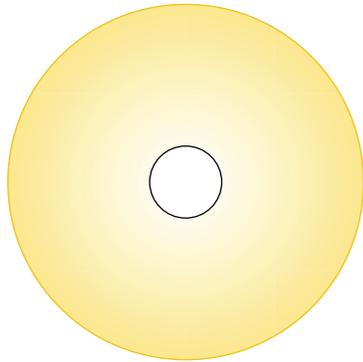
#### OPAQUE COLOR



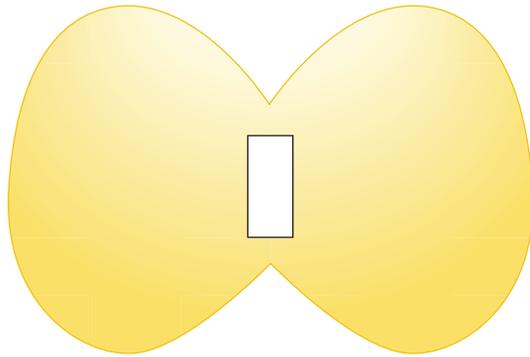
SHIRO

### LIGHT DISTRIBUTION OPTIONS

Consult factory or [lightart.com](http://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	20.4	1367	67.00
2B	20.4	1367	67.00
2C	20.4	1367	67.00
2P	20.4	1367	67.00
2E	20.4	1367	67.00
2F	24.4	1641	67.20
2G	24.4	1641	67.20

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
2H	24.40	1641	67.20
2I	24.40	1641	67.20
2J	24.40	1641	67.20
2K	24.40	1641	67.20
2L	26.60	1777	66.90
2M	26.60	1777	66.90
2N	30.60	2051	67.10
2O	30.60	2051	67.10

\*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	30.60	2051	67.10
3B	34.70	2324	67.00
3C	34.70	2324	67.00
3M	36.70	2461	67.10
3E	40.80	2734	67.00
3F	40.80	2734	67.00
3G	40.80	2734	67.00
3H	40.80	2734	67.00
3I	40.80	2734	67.00
3J	40.80	2734	67.00
3K	40.80	2734	67.00
3L	52.90	3698	69.90

## PERFORMANCE – SOMARI FOUR SHAPE CONFIGURATIONS

\*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
4A	36.70	2461	67.10
4B	51.00	3418	67.10
4C	51.00	3418	67.10
4D	51.00	3418	67.10
4E	55.10	3692	67.00
4F	55.10	3692	67.00
4G	65.30	4375	67.00
4I	73.40	4922	67.10

## PERFORMANCE – SOMARI FIVE SHAPE CONFIGURATIONS

\*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
5A	46.80	2916	62.20
5B	61.10	4101	67.10
5C	65.30	4375	67.00
5D	65.30	4375	67.00
5E	69.40	4649	67.00
5F	69.40	4649	67.00
5G	71.40	4785	67.00
5O	75.40	5059	67.10
5I	75.40	5059	67.10
5J	75.40	5059	67.10
5K	79.50	5332	67.00
5L	83.70	5606	67.00
5M	91.80	6153	67.00
5N	91.80	6153	67.00

## PERFORMANCE – SOMARI SIX SHAPE CONFIGURATIONS

\*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
6A	81.50	5469	67.10
6B	81.50	5469	67.10
6C	85.70	5742	67.00
6F	87.70	5879	67.10
6E	87.70	5879	67.10

## PERFORMANCE – SOMARI SEVEN SHAPE CONFIGURATIONS

\*Based on 3500K 90CRI Halo Shade Color

STYLE	INPUT POWER (W)	NOMINAL LUMEN OUTPUT (LM)	EFFICACY (LM/W)
7A	67.30	4512	67.10
7B	67.30	4512	67.10
7C	67.20	4355	64.80

\*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

