



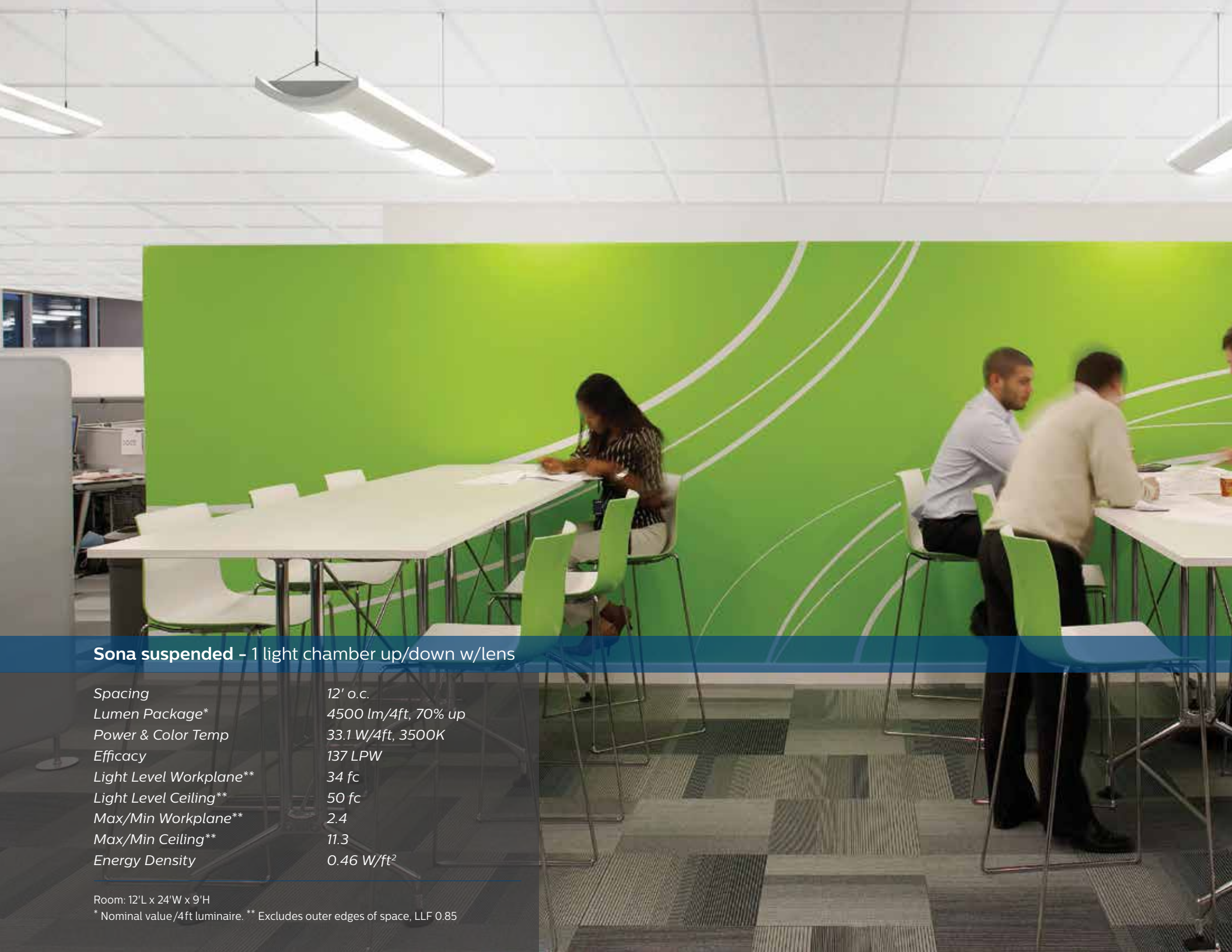
Linear

Sona

Suspended & wall

# Timeless looks, smart optics

Incredible efficacy & boundless lighting choices mean the re-engineered Sona LED linear is destined to become a future classic.



### **Sona suspended - 1 light chamber up/down w/lens**

Spacing	12' o.c.
Lumen Package*	4500 lm/4ft, 70% up
Power & Color Temp	33.1 W/4ft, 3500K
Efficacy	137 LPW
Light Level Workplane**	34 fc
Light Level Ceiling**	50 fc
Max/Min Workplane**	2.4
Max/Min Ceiling**	11.3
Energy Density	0.46 W/ft <sup>2</sup>

Room: 12'L x 24'W x 9'H

\* Nominal value/4ft luminaire. \*\* Excludes outer edges of space, LLF 0.85





# Expectations surpassed...

Sona LED suspended and wall – the looks you've come to love with astonishing new future-proof performance.

When you are planning your lighting for the offices and classrooms of today, you want them to work in harmony with new multi-media technologies. You seek a high quality of light output for those within the space – output free of glare and hotspots.

Sona's clean lines and soft curves have made it an ongoing favorite for productive spaces. Re-engineering with the latest state-of-the-art LED technology has yielded efficacies up to **150 LPW**.

- **The right light** – Flexible up/down distributions and tailored LED optics mean you always have the right light for every

task. Wide-throw uplight and a beautifully uniform lower lens reduce contrast, and minimize glare and reflections, thus reducing eye-fatigue.

- **Budget friendly** – Great distribution allows for wide row spacing and fewer fixtures. Smart engineering means great value, competitive with similarly styled fluorescent luminaires.

- **Easy to live with** – Designed with the same, contractor-friendly installation features as the rest of Philips Ledalite's linear products. Standard Philips LED board and driver technology ensure long lifetimes and hassle-free upgrades or maintenance.

# Make it your own

Sona LED is available in several aesthetic options and colors that will allow you to tailor the family to suit a variety of spaces within one large project, or as a signature piece within a smaller space. Choose sculpted or flat end caps, solid lens or louvered profile.



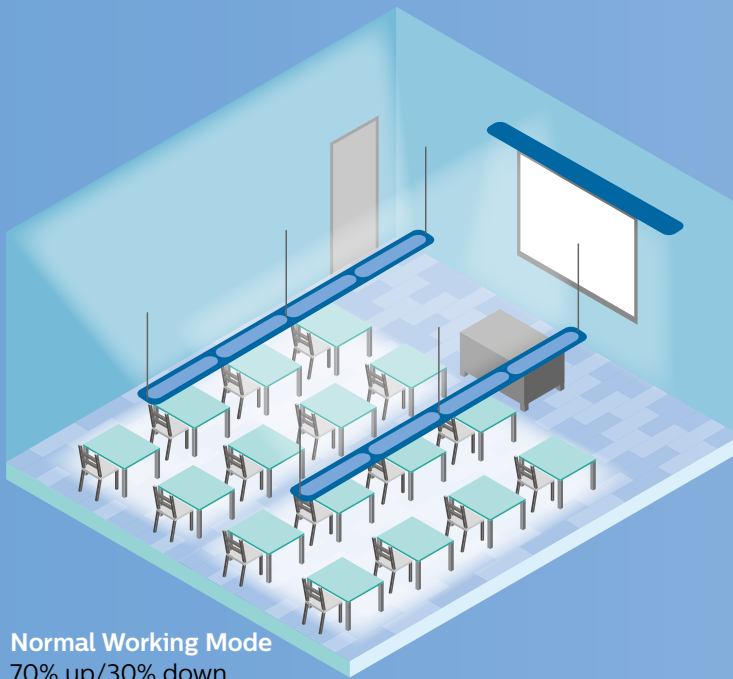


# Focus & control for classrooms

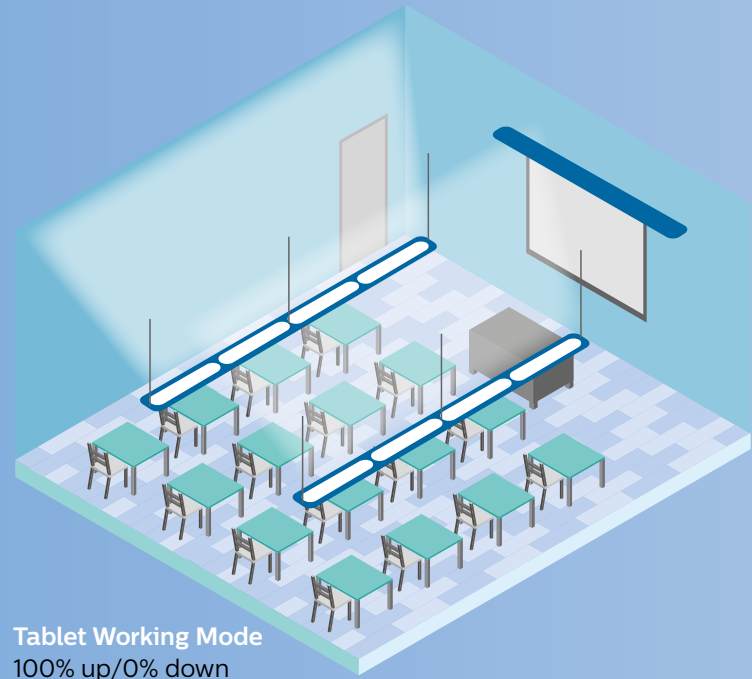
## Sona suspended & wall - 1 light chamber up/down w/louver

Spacing	9' o.c.
Lumen Package*	3100 & 2100 lm/4ft, 70% up
Power & Color Temp	22.9 & 17.1 W/4ft, 3500K
Efficacy	134 & 122 LPW
Light Level Workplane**	40 fc
Max/Min Workplane**	2.4
Energy Density	0.60 W/ft <sup>2</sup>

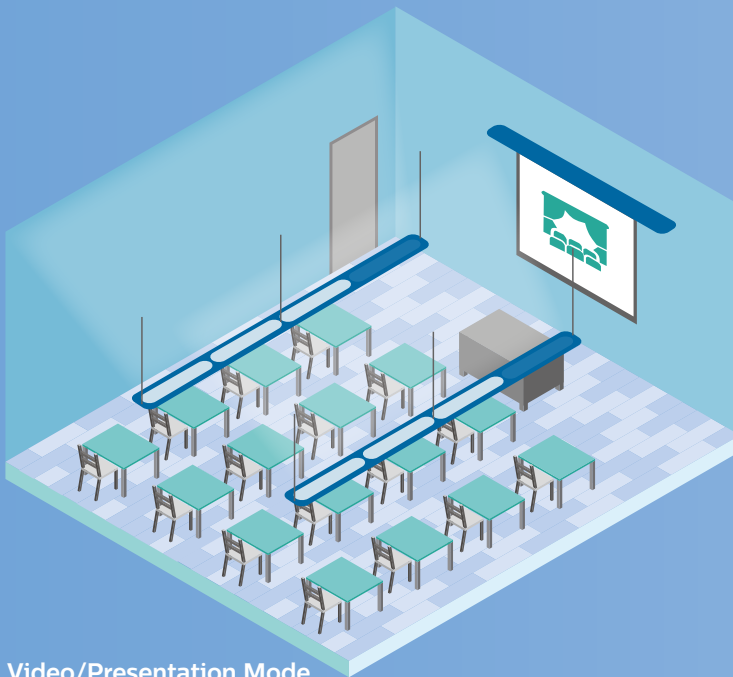




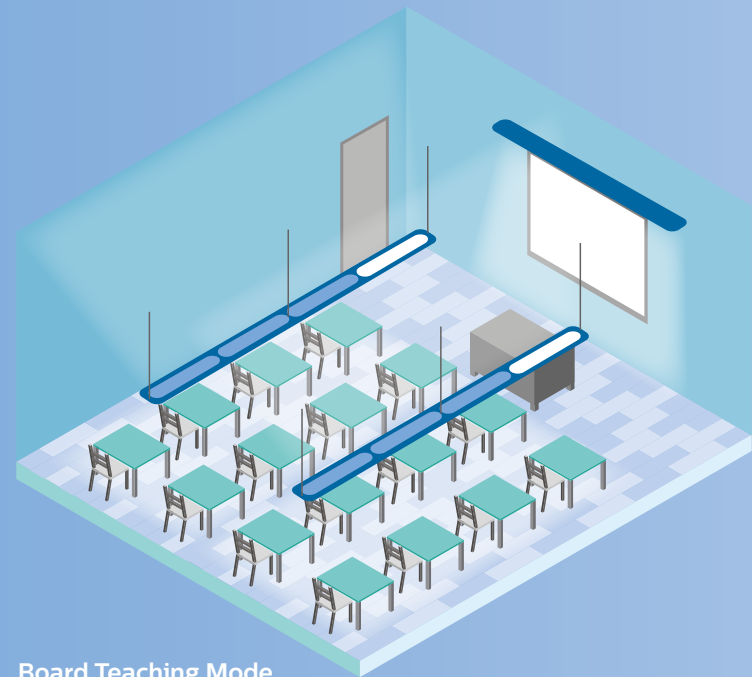
**Normal Working Mode**  
70% up/30% down  
Comfortable, balanced



**Tablet Working Mode**  
100% up/0% down  
No reflections on workplane



**Video/Presentation Mode**  
Desk area dimmed to 10% down,  
Up light dimmed to 20-30%  
Focus on the screen, reduced contrast,  
ideal for note taking.



**Board Teaching Mode**  
Front of room on full  
Desk area dimmed  
(70% up / 30% down)  
Focus on the teacher

# Classic body brand new heart

## Sona suspended & wall - 1 light chamber down w/lens

<i>Lumen Package*</i>	2200 lm/4ft, 80% down
<i>Power &amp; Color Temp</i>	19.1 W/4ft, 3500K
<i>Efficacy</i>	126 LPW
<i>Light Level Workplane**</i>	29 fc (tabletop 40 fc)
<i>Max/Min Workplane**</i>	6.1 (tabletop 1.7)
<i>Energy Density</i>	0.32 W/ft <sup>2</sup>

24'L x 15'W x 10'H

\* Nominal value/4ft luminaire. \*\* Excludes outer edges of space., LLF 0.85











# Space defining technology

## Sona suspended - 1 light chamber down w/louver

<i>Spacing</i>	8' o.c.
<i>Lumen Package*</i>	2200 lm/4ft, 80% down
<i>Power &amp; Color Temp</i>	19.3 W/4ft, 3500K
<i>Efficacy</i>	113 LPW
<i>Light Level Workplane**</i>	36 fc
<i>Light Level Ceiling**</i>	16 fc
<i>Max/Min Workplane**</i>	3.4
<i>Max/Min Ceiling**</i>	3.7
<i>Energy Density</i>	0.44 W/ft <sup>2</sup>

Room: 22'L x 32'W x 12'H

\* Nominal value/4ft luminaire. \*\* Excludes outer edges of space, LLF 0.85



# Learning centers well lit

## Sona suspended - 1 light chamber up/down w/louver

<i>Spacing</i>	8'4" o.c.
<i>Lumen Package*</i>	6100 lm/4ft, 50% down
<i>Power &amp; Color Temp</i>	45.3 W/4ft, 3500K
<i>Efficacy</i>	116 LPW
<i>Light Level Workplane**</i>	35 fc
<i>Light Level Ceiling**</i>	36 fc
<i>Max/Min Workplane**</i>	2.2
<i>Max/Min Ceiling**</i>	5.4
<i>Energy Density</i>	0.49 W/ft <sup>2</sup>

Room: 28'L x 20'W x 10.5'H

\* Nominal value/4ft luminaire. \*\* Excludes outer edges of space, LLF 0.85









A modern office lobby with a high ceiling featuring white, curved architectural elements. A long, dark wood reception desk is in the foreground. A woman is seated behind the desk, talking on a phone. On the wall behind her is a large piece of art consisting of five panels showing a city skyline at night. To the right, a bright yellow arched doorway leads to another area. A yellow bench is visible near the doorway. The floor is highly reflective, showing the surroundings. The text "Infinitely inviting illumination" is overlaid on the reception desk.

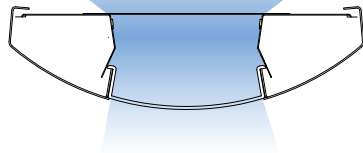
**Infinitely  
inviting  
illumination**



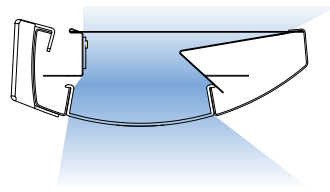
# Product Details

## Optics

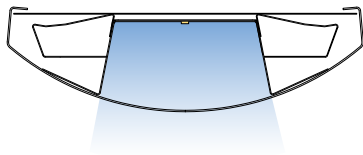
1 light chamber up/down  
suspended (2 light engines)



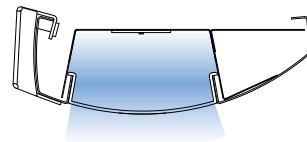
1 light chamber up/down  
asymmetric wall (1 light engine)



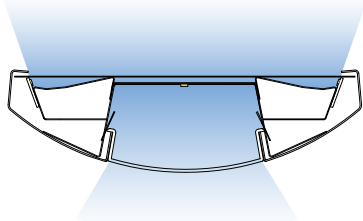
1 light chamber down  
suspended (1 light engine)



1 light chamber down  
wall (1 light engine)

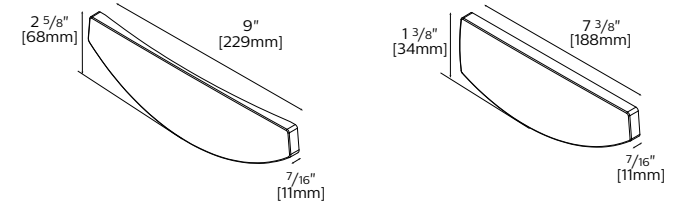


2 light chambers up/down  
suspended (3 light engines)

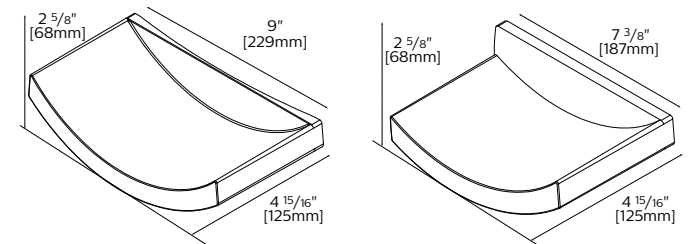


## Endcaps

flat

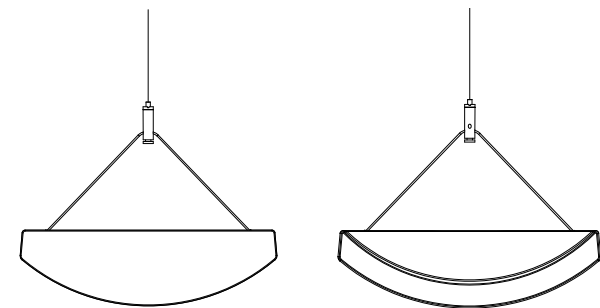


sculpted

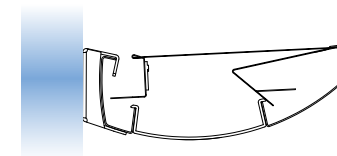


## Mounting

suspended  
sling mount



wall mount



Rail and bracket mounting system in the wall version allows variable positioning to accommodate practical site conditions such as offset wall studs

# Integrated occupancy sensing & daylight harvesting

SpaceWise wireless technology DT and Response Daylight sensors are factory pre-calibrated and ready to use right out of the box. Just plug in the fixture. No power packs, standalone sensors or low voltage wiring schemes required.



Sona LED is available with integrated occupancy sensing and daylight harvesting, including:

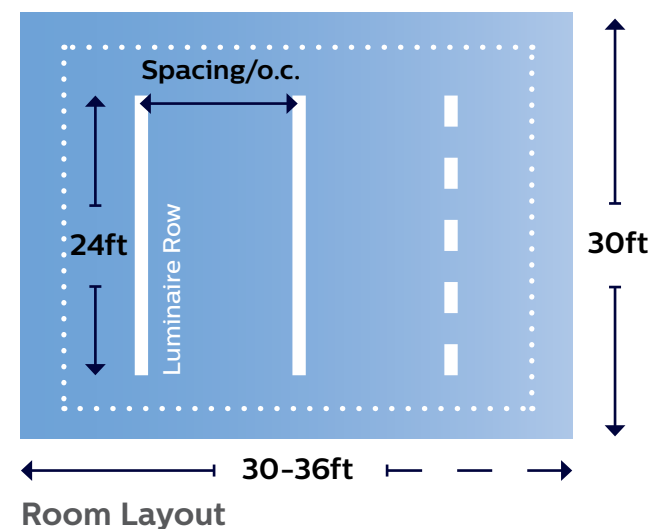
Philips SpaceWise DT, meeting code regulations while delivering superb energy savings & lighting zoning flexibility. The granular dimming feature along with dwell time enables for more soothing transition of light levels that is comfortable to occupants

Philips Ledalite Response Daylight sensors. These fully integrated sensors automatically dim the luminaire when daylight enters the room adjusting light output gradually for minimal distraction to occupants.



# Application Guide

To assist with your lighting planning, these are some examples of typical classroom and small office layouts using Sona LED.



	1 light chamber up/down with acrylic diffusers			2 light chambers, upper on / lower off	2 light chambers, lower on / upper off
<b>Spacing</b>	10' o.c. (3 rows)	12' o.c. (3 rows)	15' o.c. (2 rows)	12' o.c. (3 rows)	12' o.c. (3 rows)
<b>Lumen package*</b>	3100 lm/4ft	3100 lm/4ft, 70% up	4500 lm/4ft, 70% up	5500 lm/4ft, 60% up	5500 lm/4ft, 40% down
<b>Power</b>	22.8 W/4ft	22.8 W/4ft	33.1 W/4ft	23 W/4ft	19.3 W/4ft
<b>Efficacy</b>	139 LPW	139 LPW	138 LPW	139 LPW	115 LPW
<b>Light Level Workplane**</b>	43 fc	37 fc	43 fc	32 fc	34 fc
<b>Max/Min Workplane**</b>	2.3	2.6	3.2	2.2	3.7
<b>Max/Min Ceiling**</b>	9.8	12.1	14.3	14.6	N/A
<b>Energy Density</b>	0.46 W/ft <sup>2</sup>	0.38 W/ft <sup>2</sup>	0.44 W/ft <sup>2</sup>	0.38 W/ft <sup>2</sup>	0.32 W/ft <sup>2</sup>
<b>Room size</b>	30' x 30'	30' x 36'	30' x 30'	30' x 36'	30' x 36'

Calculation Notes: Average results excluding outer edges of the room. Based on 24' rows of suspended 3500K luminaires, 9ft ceiling, 2.5ft workplane, 80/50/20 ceiling/wall/floor reflectances and total LLF of 0.85.



# Specification guide



SERIES			LIGHT SOURCE			HOUSING			
Family	Version*	Mount & Distribution	Source	Color Temp	Lumen Package*	Optics			
77 Sona	0 One light chamber - upper	3 Suspended Indirect	L LED	A 4000K B 3500K C 3000K	C 4900 lm/4ft E 3400 lm/4ft	NA Acrylic diffuser			
		5 Suspended Indirect / Direct (50%-75% Up)			B 6100 lm/4ft C 4500 lm/4ft E 3100 lm/4ft	AA Acrylic diffusers up/down (70% Up) VA White louver down / acrylic diffuser up (75% Up) AD Acrylic diffusers up/down with 50% down kit VD White louver down/ diffuser up with 50% down kit			
						C 4500 lm/4ft E 3200 lm/4ft G 2100 lm/4ft	AA Acrylic diffusers up/down VA White louver down/ acrylic diffuser up		
	1 One light chamber - lower	1 Suspended (Direct or 80% Dn) 8 Wall (Direct or 80% Dn)			C 4700 lm/4ft E 3400 lm/4ft G 2200 lm/4ft	AN Curved acrylic diffuser VN White louver AG Acrylic diffusers up/down (80% down) VG White louver down / diffuser up (80% down)			
		2 Two light chambers (upper & lower)				5 Suspended Indirect/Direct (60%-70% Up)	Y 8200 lm/4ft (60% Up) A 7000 lm/4ft (70% Up) B 5500 lm/4ft (60% Up) C 4600 lm/4ft (70% Up) E 3500 lm/4ft (65% Up)  A 6700 lm/4ft (50% Dn) B 5500 lm/4ft (60% Dn) D 4400 lm/4ft (50% Dn)	AA Acrylic diffusers up/down VA White louver down/ acrylic diffuser up	
	6 Suspended Direct/Indirect (50%-60% Down)								
		* For clarification, see pg 15.						* Nominal output, approximate distribution.	

Sculpted end view  
actual size

To learn about this  
product's warranty  
information, please visit:  
**[philips.com/warranties](https://philips.com/warranties)**

	ELECTRICAL				FINISH	OPTIONS	
Run Length	Wiring Type*	Voltage	Driver*	Module	Controls*	Endcaps	
<b>04</b> 4ft <b>08</b> 8ft <b>XX</b> Total run length in 4ft increments	<b>7</b> 1 cct dimming	<b>1</b> 120V <b>2</b> 220-277V <b>3</b> 347V	<b>E</b> Philips Advance 0-10V (1% Dim)	<b>W</b> White <b>T</b> Titanium <b>B</b> Black <b>C</b> Custom	<b>DS</b> Response Daylight Sensor	<b>S</b> Sculpted <b>F</b> Flat	
	<b>E</b> 2 cct A/B dimming						<b>DO</b> Actilume Occupancy with Field-enabled Daylight Sensor
	<b>M</b> 1 cct dimming + EM wiring		<b>SZ</b> SpaceWise DT Occupancy				
	<b>N</b> 1 cct dimming + EM battery pack						
	<b>G</b> 2 cct dimming (up/down)		<b>S</b> Philips Advance SR				
	<b>K</b> 2 cct dimming (up/down) + EM wiring						
	<b>L</b> 2 cct dimming (up/down) + EM battery pack						
	* Consult your Philips representative for a full list of available wiring options.		* Consult your Philips representative for a full list of supported drivers.		*Controls only available in Suspended mount versions.		



© 2017 Philips Lighting Holding B.V. All rights reserved. Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

PLc-1705BR 06/17 [philips.com/luminaires](http://philips.com/luminaires)

Philips Lighting  
North America Corporation  
200 Franklin Square Drive  
Somerset, NJ 08873  
Tel. 855-486-2216

Philips Lighting Canada Ltd.  
281 Hillmount Rd,  
Markham, ON,  
Canada L6C 2S3  
Tel. 800-668-9008