



Verge

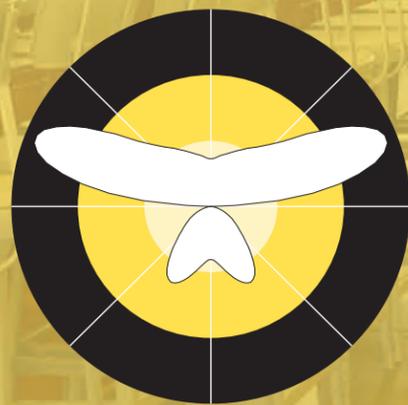
Exceptional lighting performance from any angle.



PHILIPS
LEDALITE

Verge

Elegant from any angle, Verge delivers exceptional direct/indirect lighting performance in a sleek, geometric design. Offering luminous aesthetics with exceptional glare control in both LED and fluorescent, Verge is the ideal choice for a wide range of energy-conscious applications.



Exceptional from any angle

	LED 4800 lm*	2x28W T5
Light Level	36 fc	33 fc
Energy Density	0.80 W/ft ²	0.88 W/ft ²
Luminaire Efficacy	102 lm/W	71 lm/W

Room: 14'Lx16'Wx9'H | *Nominal Value/4ft luminaire

Complete visual comfort with the perfect balance of brightness and glare control from all viewing angles.





Less is more.

	LED 4800 lm*	2x32W T8
Light Level	33 fc	27 fc
Energy Density	0.56 W/ft ²	0.68 W/ft ²
Luminaire Efficacy	102 lm/W	71 lm/W
Ceiling Uniformity	3.68:1	6.62:1

Room: 14'Lx36'Wx9'H | Row Spacing: 12' o.c. | *Nominal Value/4ft luminaire

Engineered to allow for wider spacing—Verge delivers exceptional lighting distribution, maximum visual comfort and dramatically reduced energy consumption.

Fits into flexible spaces.

	LED 4800 lm*	2x32W T8
Light Level	32 fc	28 fc
Energy Density	0.52 W/ft ²	0.63 W/ft ²
Luminaire Efficacy	102 lm/W	71 lm/W
Ceiling Uniformity	6.15:1	9.56:1

Room: 60'Lx24'Wx10'H | Row Spacing: 12' o.c. | * Nominal Value/4ft luminaire

An ideal balance of ambient and task illumination
= focused lighting in a variety of spaces.





Works in perfect harmony.

	LED 4800 lm*	2x32W T8
Light Level	34 fc	30 fc
Energy Density	0.82W/ft ²	0.99 W/ft ²
Luminaire Efficacy	102 lm/W	71 lm/W

Room: 24'Lx48"Wx20'H | Row Spacing: 12' o.c. | * Nominal Value/4ft luminaire

Create a perfectly balanced, luminous environment for any ceiling type with Verge's variable optics kits.

A natural fit.

	LED 4800 lm*	2x32W T8
Light Level	33 fc	29 fc
Energy Density	0.64 W/ft ²	0.77 W/ft ²
Luminaire Efficacy	102 lm/W	71 lm/W

Room: 46'Lx16"Wx10'H | Row Spacing: 12' o.c. | * Nominal Value/4ft luminaire

With clean lines, comfortable brightness and easy maintenance, Verge lends itself to healthy spaces.





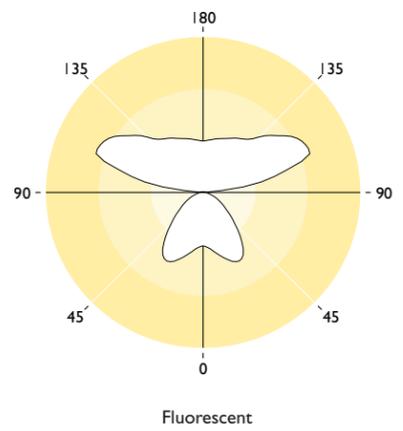
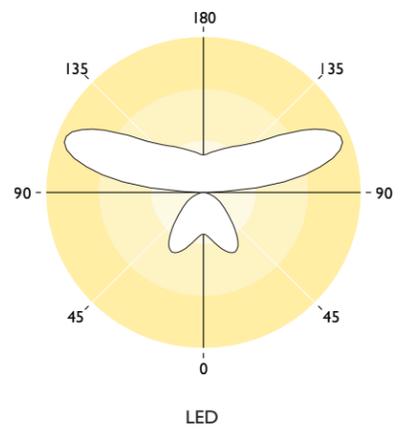
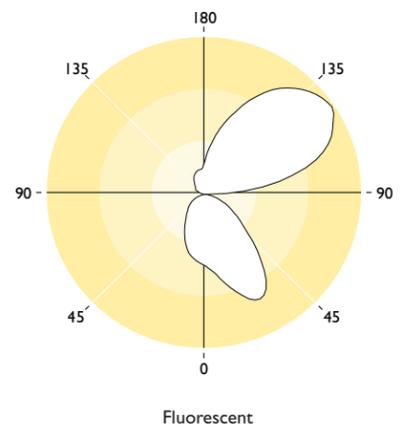
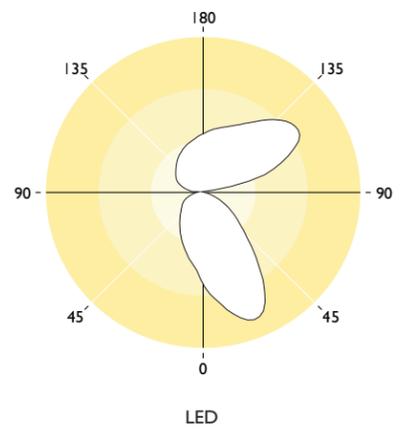
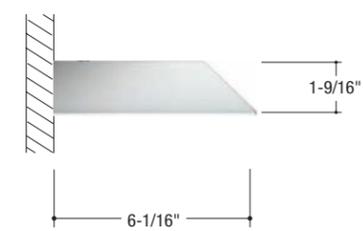
Verge
Wall



Verge
Suspended



Note: LED & fluorescent luminaire dimensions are the same.





Design Intelligence

LEDLOGIQ is a comprehensive design approach that integrates emerging LED platforms with advanced optical, mechanical, electronic, industrial, and thermal engineering to deliver optimal lighting distribution, consistent color and exceptional system performance.



LONGEVITY

60,000 hours to L80 | Futureproof Upgradable Platform | Thermal Management



OPTICS

Optimized for LED | High Efficacy | Performance Distributions



GUARANTEE

5 Year Total System Warranty | Philips Ledalite Support | Easy Maintenance



INTEGRATION

0-10V Dimming | Response Daylight Harvesting | Airwave Wireless Controls



QUALITY

U.S. DOE Lighting Facts Partner | UL and CSA | IES LM 79-08 Tested



5 Year Total System Warranty

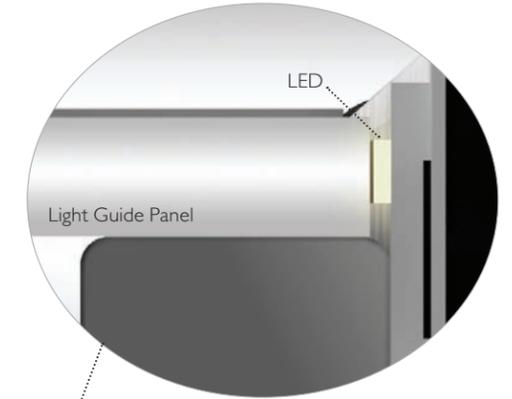
Verge LED comes with a 5 year total system warranty, that covers the entire luminaire—including the LED board, driver and all fixture components—with world class support backed by Philips Ledalite.



Advanced Engineering

Verge's lean construction is comprised of arrays of LEDs edge-lighting a low profile Light Guide panel.

The Light Guide panel allows light to be coupled and transmitted through total internal reflection. The etched surface of the panel optimizes the light extraction and directs it into a wide indirect distribution. This makes Verge a great choice for close-to-ceiling applications.



Light is purified and controlled by MesoOptics film then passes through the non-glare acrylic lens. MesoOptics removes striations, homogenizes color and controls high angle glare. As light emerges from the lens, an ideal batwing distribution is created in the lower hemisphere.

Always moving forward

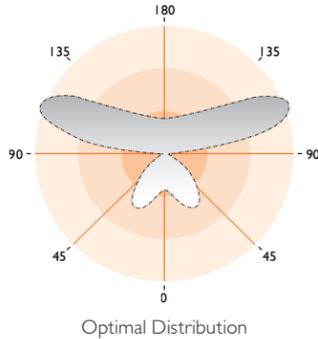
As a leader in research, design and development, Philips Ledalite is continually advancing its LED solutions to ensure the best performance. Visit ledalite.com/verge for the most up-to-date LED application data.



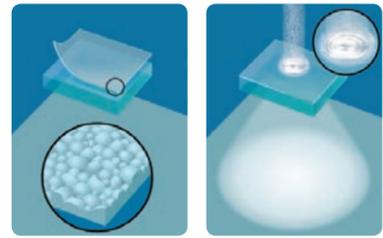
Exceptional Control & Efficiency

Philips Ledalite's revolutionary MesoOptics can be created using holographic or digital laser writing techniques. Using advanced manufacturing processes, patented nano and micro scale structures are applied to recyclable substrates creating highly efficient distributions and a unique lighting control approach.

ledalite.com/mesooptics



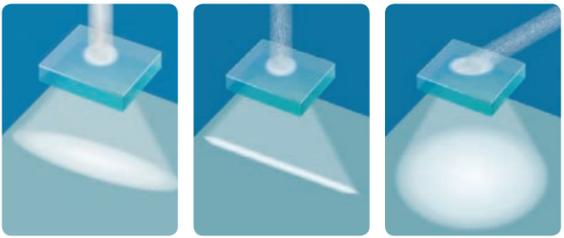
PURIFY



Optical Nanotechnology Homogenous Distribution

MesoOptics homogenizes color, and removes striations and hot spots from lighting sources, creating smooth gradients of pure, white light free from color shifts.

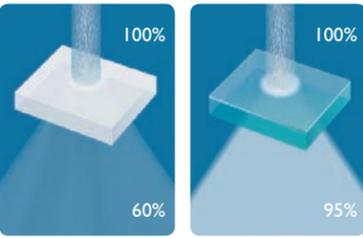
CONTROL



Dispersed Elliptical Constrained Linear Redirected Circular

MesoOptics disperses light uniformly and creates precisely controlled beam patterns to redirect light into optimum angles.

SUSTAIN



Traditional Diffuser MesoOptics

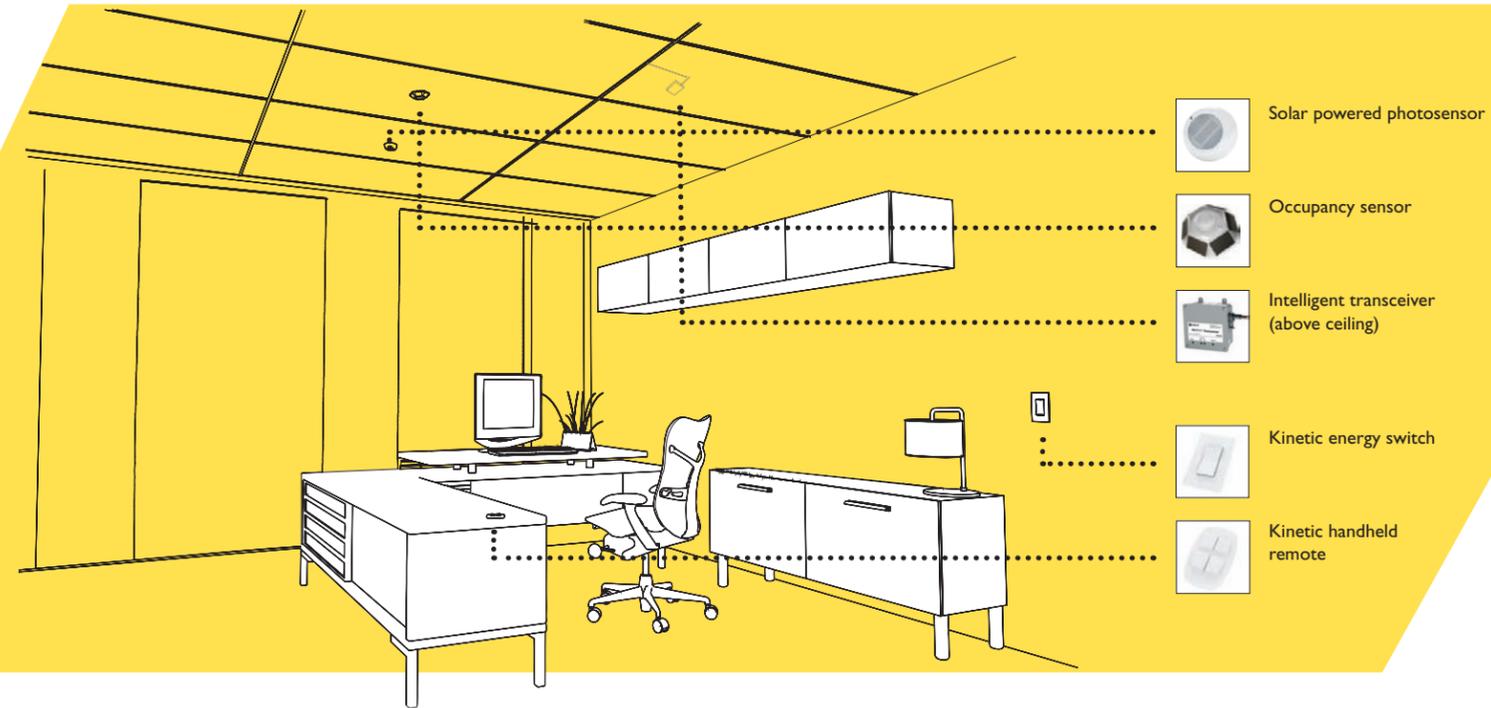
MesoOptics' highly efficient material allows up to 95% of the light to pass through, creating highly energy efficient lighting products.



Wireless. Batteryless. Limitless.

Airwave wireless controls represent a quantum leap forward in flexibility and sustainability. Using organic sources of renewable kinetic and solar energy, Airwave delivers wireless individual personal control, daylight harvesting, occupancy sensing, and full range dimming for spaces where the ability to control energy and lighting are essential. The simple flick of a batteryless, wireless switch creates enough kinetic energy for simple ON/OFF control or dimming. Solar powered Airwave sensors monitor ambient daylight levels or occupancy and wirelessly signal luminaires to adjust output and save energy.

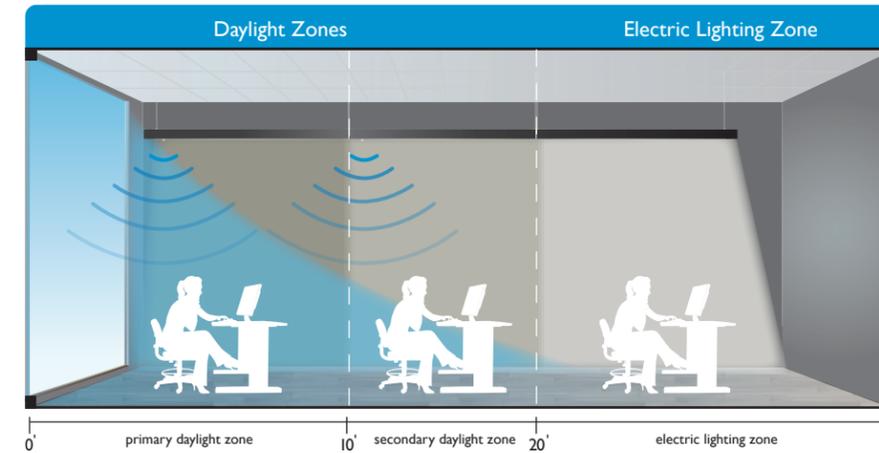
ledalite.com/airwave



Integrated Daylight Sensor

Verge is available with Philips Ledalite Response Daylight sensors. These fully integrated sensors can provide 30-35% energy savings in window-adjacent locations—helping to reduce operating expenses and comply with new energy codes. 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. The sensors adjust light output gradually with minimal distraction for occupants. A built-in delay prevents disruptions from passing clouds and occasional shadows.

ledalite.com/response



How it works

In this example, two control zones have been created where there is adequate daylight contribution, and one uncontrolled zone where daylight is minimal. As daylight contribution increases, sensors can automatically and gradually reduce electric light output to save energy.

Specification Guide

Product Series	Lamping (Fluorescent)	Optics	Length	Wiring	Voltage	Ballast/Driver
7606 Verge Direct/Indirect	Suspended	QN MesoOptics Lens	04 4ft	1 1cct	1 120V	E Electronic
7608 Verge Wall	Wall	QG MesoOptics Lens + 80% Down Kit	08 8ft	2 2cct ¹	2 277V	
	F02 2T5	QJ MesoOptics Lens + 100% Down Kit		3 1cct w/ Emergency cct	3 347V ¹	
	H02 2T5HO			5 1cct w/ Battery Pack ¹		
	T02 2T8			7 1cct Dimming		
	F01 1T5					
	H01 1T5HO					
	T01 1T8					
Color (LED)	Lumen Package (LED)	Finish	Integrated Controls			
LA LED 4000K	Suspended	W Standard White	DS Daylight Response Sensor			
LB LED 3500K	Wall	B Black				
LC LED 3000K	C 4800 lumens*	T Titanium				
	E 3400 lumens*	C Custom Color				
	E 3400 lumens*					
	G 2300 lumens*					
	*nominal 4ft					

Note: Some options may not be available for each configuration. Consult factory for details. ¹ These options not currently available in LED.





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All application performance results have been calculated using real luminaire photometric test data and OEM published system specifications for Philips Ledalite factory standard components at the time of publication. Illuminance information as published are average maintained footcandle values based on predictive analyses with calculation grids centered in the respective rooms. Changes to fixture mounting and/or workplane heights affect uniformity and to a lower extent light levels, but have no significant impact on energy performance. Ceiling uniformity values are calculated using a statistical area of exitance values, using as a reference, a plane located between a point on the ceiling above a luminaire's photometric center, and the mid-point between two rows of luminaires. All LED applications are based on 4000K photometry. Modifications to architectural conditions, luminaire components, and calculation parameters will yield different results. For further information or custom analysis for your project, please contact the Philips Ledalite Applications Engineering Department. All other product or service names are the property of their respective owners.