



# Jump LED Luminaire



Another great leap forward in LED linear systems.

**PHILIPS**  
 **LEDALITE**









Make an even bigger splash...



# Another great leap forward...

A fan favorite, reinvented to capitalize on the improved performance of LED technology.

The first suspended linear lighting system designed for LED has been reinvented, now offering:

- **even better performance,**
- **improved energy-savings,**
- **fantastic value.**

**Jump** still brings you both fluorescent and LED sources with luminous design elements, patented optics, and integrated, state-of-the-art controls, as our design engineers continue to ensure that our products leverage the best technologies available.



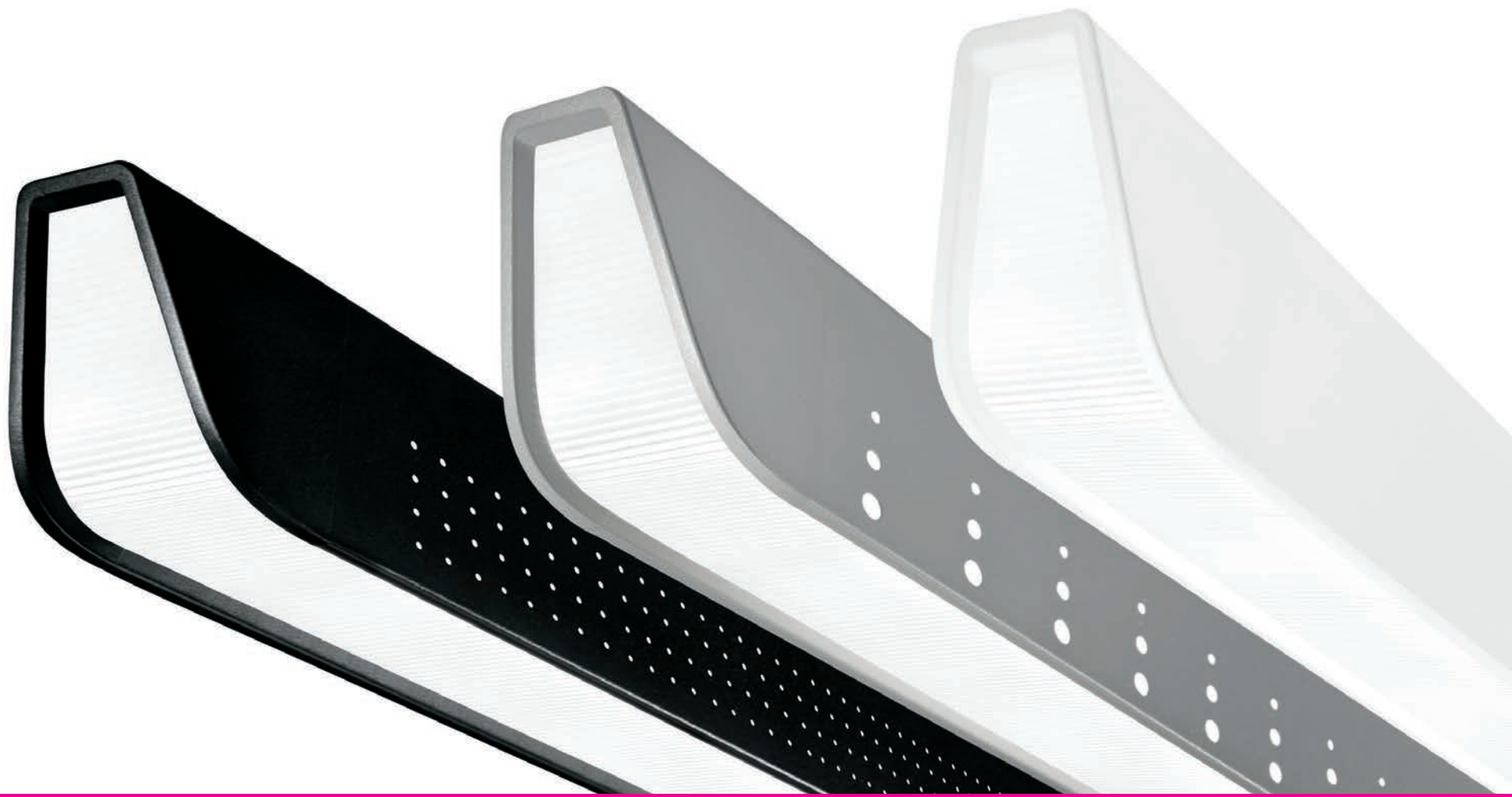
Soft and sophisticated...free of glare and socket shadows, Jump is an uninterrupted rhythm of playful patterns and subtle textures. The seamless luminance soars skyward into a revolutionary luminous endcap.

Limitless combinations of optics and aesthetics create unprecedented design freedom to construct high performance lighting systems that integrate with any architectural space.



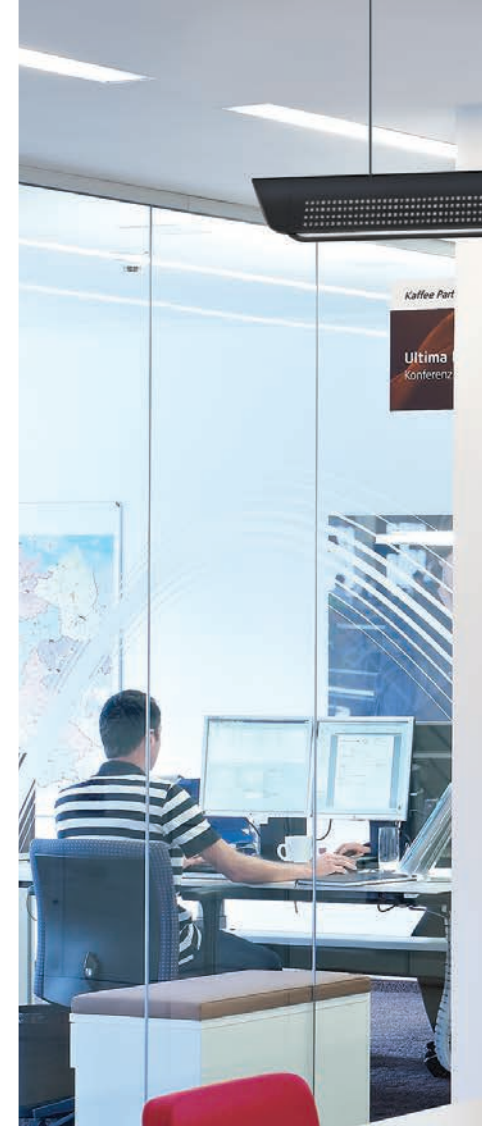
reddot design award  
winner 2011





Rhythms of playful patterns and subtle textures...  
Pixel, Splash and Solid options.

# Office



Welcome to the new way  
of working together.

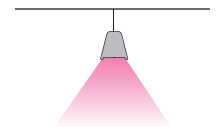
Ideal for places of concentration  
and conversation.

Light Source	4000K 3600lm/4ft	Light Level	61 fc*
Room Size	15' x 20' x 10'H	Workplane Uniformity	N/A
Row Spacing	N/A	System Efficacy	80 lm/W
Mounting Height	7 ft AFF	Energy Density	0.30 W/ft <sup>2</sup>

\*Measured on boardroom table surface. To see more photometric details,  
visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | Black Finish  
PixelPerf | Illuminated Endcap

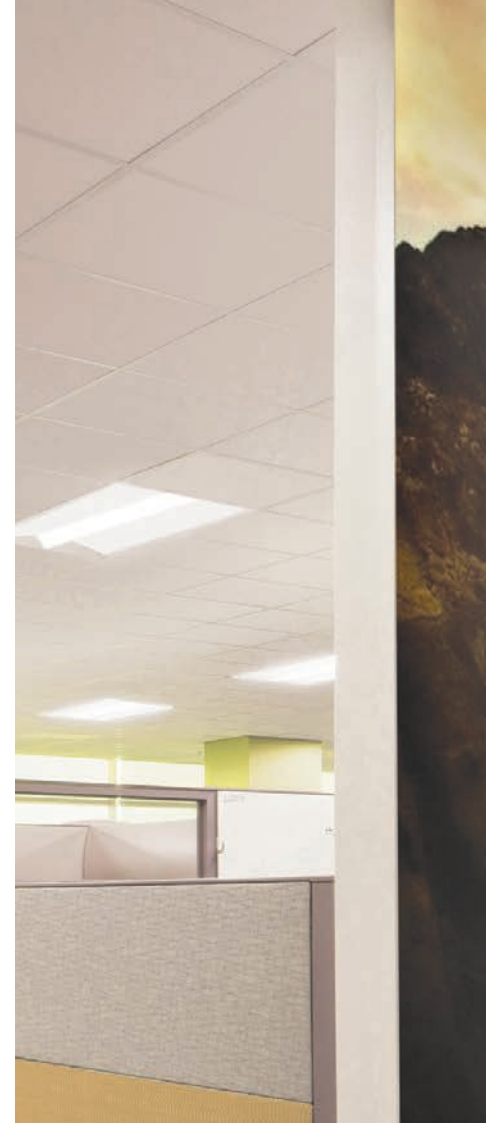


Symmetric Distribution





# Office



## Next Generation LED\*

42% more efficacious

26% less energy usage

\*Compared with previous generation LED

## Asymmetric meets aesthetic.

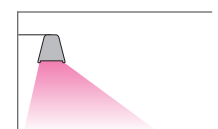
Reduced consumption  
and consistent color.

Light Source	3500K 2400lm/4ft	Light Level	22 fc
Room Size	48' x 8' x 9'H	Distribution	Asymmetric
Row Spacing	N/A	System Efficacy	77 lm/W
Mounting Height	7.5 ft AFF	Energy Density	0.58 W/ft <sup>2</sup>

To see more photometric details about the new and improved Jump, visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Wall Mount | White Finish  
PixelPerf | Flat Endcap



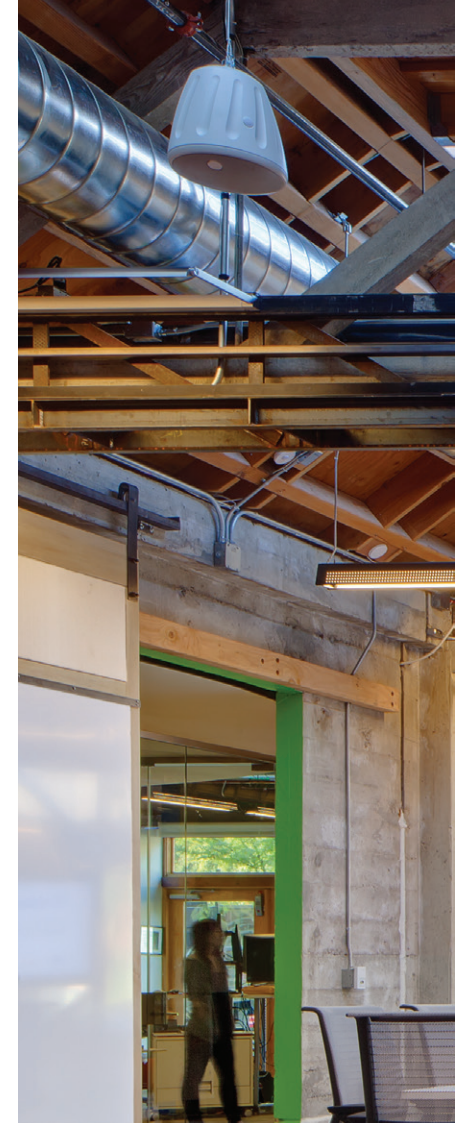
Asymmetric Distribution  
Room Side (R/S)







# Office

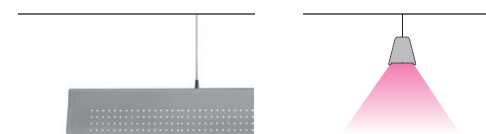


## Works for work areas.

Visual comfort, refined design  
and maximum energy savings.

Light Source	3500K 3600lm/4ft	Light Level	23 fc
Room Size	64' x 44' x 16'H	Workplane Uniformity	4.0:1
Row Spacing	13 ft o.c.	System Efficacy	78lm/W
Mounting Height	12 ft AFF	Energy Density	0.40 W/ft <sup>2</sup>

To see more photometric details about the new and improved Jump,  
visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | Titanium Finish   Symmetric Distribution  
PixelPerf | Flat Endcap





AT&T  
**FOUNDRY**  
*Welcome*  
We're here to help you build your future.

AT&T  
**FOUNDRY**  
*Welcome*  
We're here to help you build your future.



# Education



## Next Generation LED



**34% more  
efficacious**



**50% less  
energy usage**

\*Compared with previous generation LED

## Reduce glare, enhance learning.

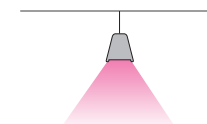
Pure, white light to help inspire  
and brighten young minds.

Light Source	3000K 2400lm/4ft	Light Level	46 fc*
Room Size	25' x 40' x 9.5'H	Workplane Uniformity	1.6:1
Row Spacing	10 ft o.c.	System Efficacy	86 lm/W
Mounting Height	8 ft AFF	Energy Density	0.45 W/ft <sup>2</sup>

\*Measured across surface of workstations. To see more photometric details,  
visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | White Finish  
SplashPerf | Luminous Endcap



Symmetric Distribution







# Health



## Healthy spaces for healthy living.

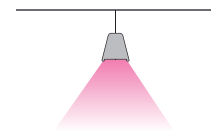
Enhancing the well-being of people and the environment.

Light Source	4000K 2400lm/4ft	Light Level	43 fc
Room Size	70'x30'x14'H	Workplane Uniformity	6.7:1
Row Spacing	10 ft o.c.	System Efficacy	86 lm/W
Mounting Height	10 ft AFF	Energy Density	0.47 W/ft <sup>2</sup>

To see more photometric details about the new and improved Jump, visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | Black Finish  
SplashPerf | Luminous Endcap



Symmetric Distribution







# Library



## A novel approach to library lighting.

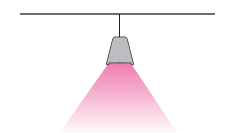
Luminous spaces for study and uniform vertical illumination for stacks.

Light Source	3500K 2400lm/4ft	Light Level	46 fc
Room Size	100' x 33' x 11.5'H	Workplane Uniformity	4.5:1
Row Spacing	10 ft o.c.	System Efficacy	84 lm/W
Mounting Height	8.5 ft AFF	Energy Density	0.75 W/ft <sup>2</sup>

Note: Results include PureFX 1'x1' (26W) luminaires.  
To see more photometric details, visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | Titanium Finish  
SolidSide | Flat Endcap



Symmetric Distribution







# Retail



## Next Generation LED



42% more  
efficacious



26% less  
energy usage

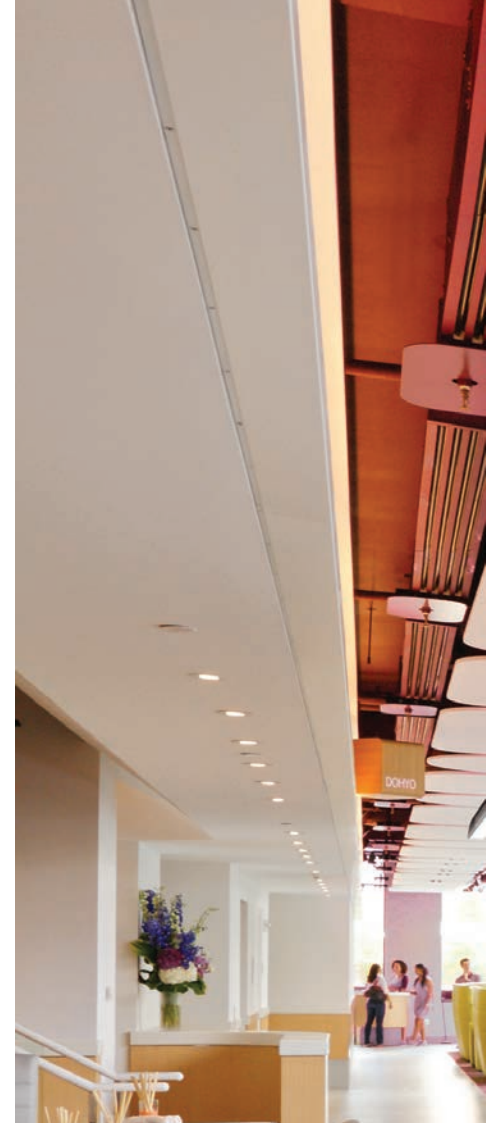
\*Compared with previous generation LED

## Create the perfect ambiance.

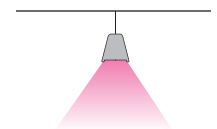
A warm, friendly place to  
work and socialize.

Light Source	3500K 2400lm/4ft	Light Level	45 fc*
Room Size	36' x 16' x 14'H	Workplane Uniformity	2.5:1
Row Spacing	8 ft o.c.	System Efficacy	84 lm/W
Mounting Height	10 ft AFF	Energy Density	0.57 W/ft <sup>2</sup>

\*Measured across counter surfaces. To see more photometric details,  
visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com).



Suspended | Black Finish  
PixelPerf | Luminous Endcap



Symmetric Distribution







## Aesthetics and Finishes

Jump's soft sophisticated form is available in three aesthetics. Mix and match styles, colors, and endcaps to create any combination. All factory paint finishes are thermally cured textured polyester powder coat. Custom color matching also available.

### Black | SplashPerf

A bold and contemporary pattern with uninterrupted frequency along the entire length.



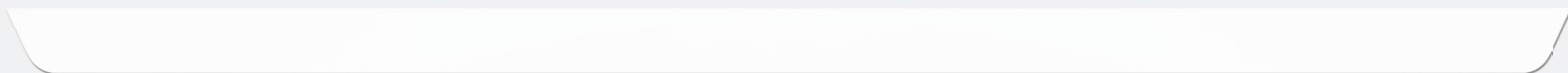
### Titanium Silver | PixelPerf

Rhythms of subtle visual interest repeated in 4' increments.



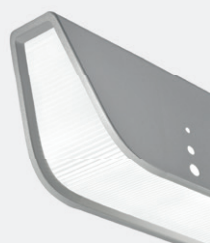
### White | SolidSide

Minimalist simplicity that emphasizes the elegance of form.

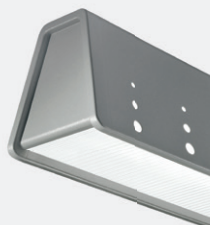




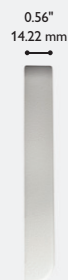
## Endcaps



Luminous Endcap



Flat Endcap



## Mounting



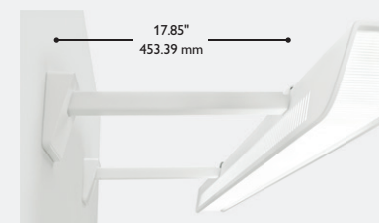
Suspended Mount



Surface Mount

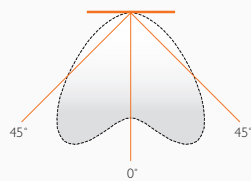


Wall Mount



Cantilever Mount



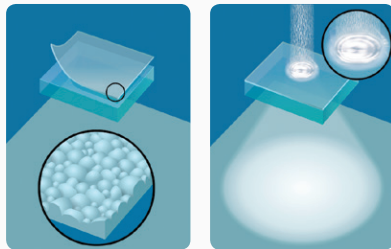


Optimal Batwing Distribution

## Exceptional Control & Efficiency

MesoOptics technology provides the best possible combination of control and luminance. Higher transmission efficiency than traditional optical and control methods means lower energy consumption. MesoOptics combined with intelligent luminaire design, creates an optimal batwing light distribution. Controlled brightness on vertical surfaces simultaneously reduces glare and delivers greater workplane uniformity. This not only improves visual comfort but provides the ability to lower footcandle levels and further reduce energy consumption.

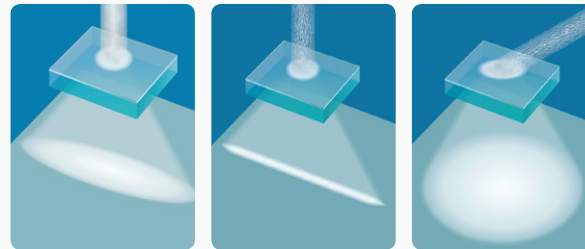
[ledalite.com/mesooptics](http://ledalite.com/mesooptics)



Optical Nanotechnology Homogenous Distribution

### Purify

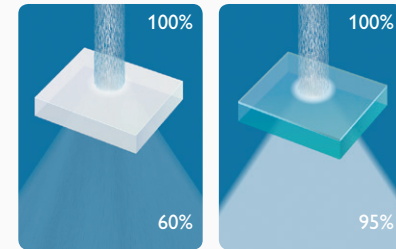
MesoOptics homogenizes color, and removes striations and hot spots from lighting sources, creating smooth gradients of pure, white light free from color shifts.



Dispersed Elliptical Constrained Linear Redirected Circular

### Control

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



Traditional Diffuser MesoOptics

### Sustain

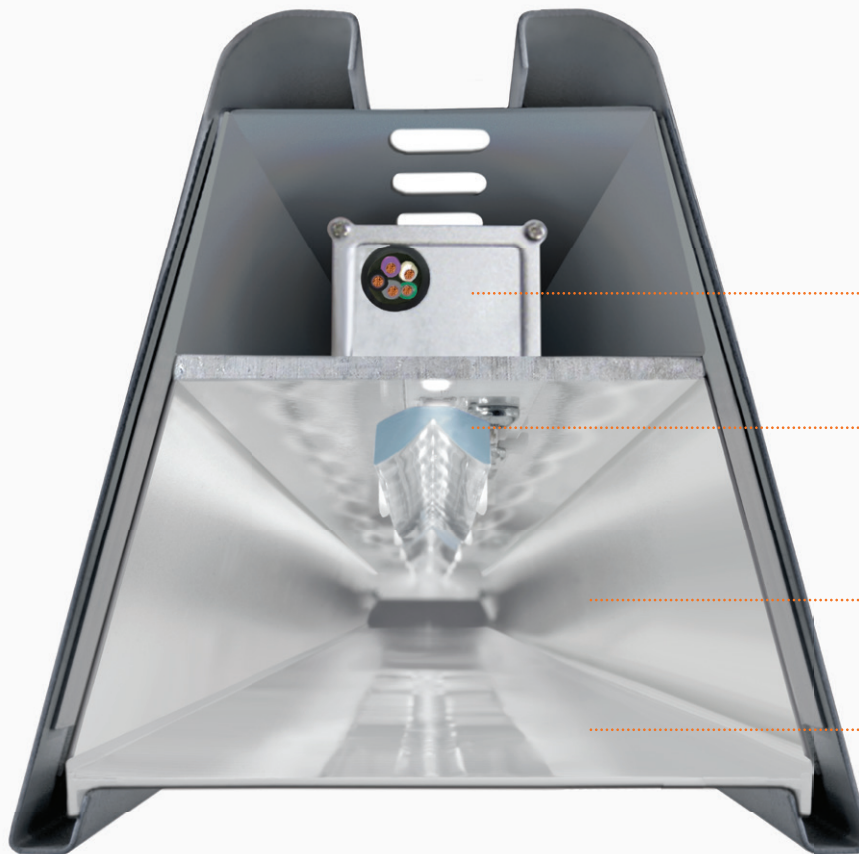
MesoOptics' highly efficient material allows up to 95% of the light to pass through, creating highly energy efficient lighting products.



## Design Intelligence

Jump was the first linear luminaire to be designed with a comprehensive approach that integrates the LED platform with advanced optical, mechanical, electronic, industrial, and thermal engineering. This delivers optimal lighting distribution, consistent color and exceptional system performance. Jump LED offers 0-10V dimming, Response daylight harvesting controls and Airwave Wireless Controls.

## How it Works



1. A highly efficient 0-10V dimmable driver delivers constant current to thermally managed high-power LEDs.
2. White light emitted from the linear LED array passes through a biconvex lens where it is internally reflected and laterally refocused.
3. Light is redirected by 98% efficient Miro Silver reflectors and then mixes inside the optical cavity.
4. Light passes through MesoOptics holographic film and emerges from the translucent ribbed lens in a precisely controlled batwing distribution.

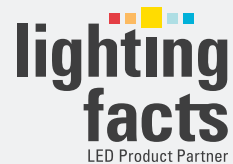


## A Partner You Can Trust...

Today's rapid rate of technology transformation demands an innovation partner you can trust.

Philips Ledalite is a partner of the U.S. Department of Energy's Lighting Facts Program. As a part of this program, Jump LED configurations are independently tested to IES LM-79 and LM-80 industry standards to validate their performance. The Lighting Facts label provides key product performance data to ensure LED products perform as expected.

Jump is also UL and CSA approved and certified.





## Futureproof. Period.

Jump LED solutions are field upgradable to stay current with the latest advancements in solid state lighting technology. Jump is designed with a simple plug and play platform to ensure quick and hassle-free maintenance.

As a partner with the world's leading LED component suppliers, Philips Ledalite provides high quality, top performing products, and a commitment to ongoing research and development.

## 5 Year System Warranty

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



## Maintenance Made Easy



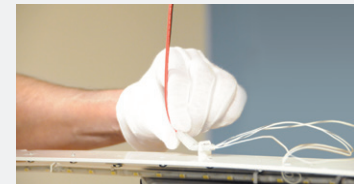
1. Lift and shift or remove the lens.



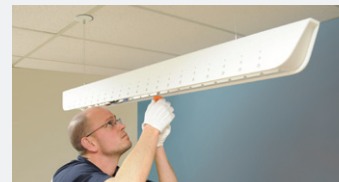
2. Unscrew the entire LED assembly from the housing.



3. Remove the LED assembly.



4. Disconnect the LED quick-wire plugs.



5. If required, unscrew the LED driver.



6. Remove the LED driver and replace.

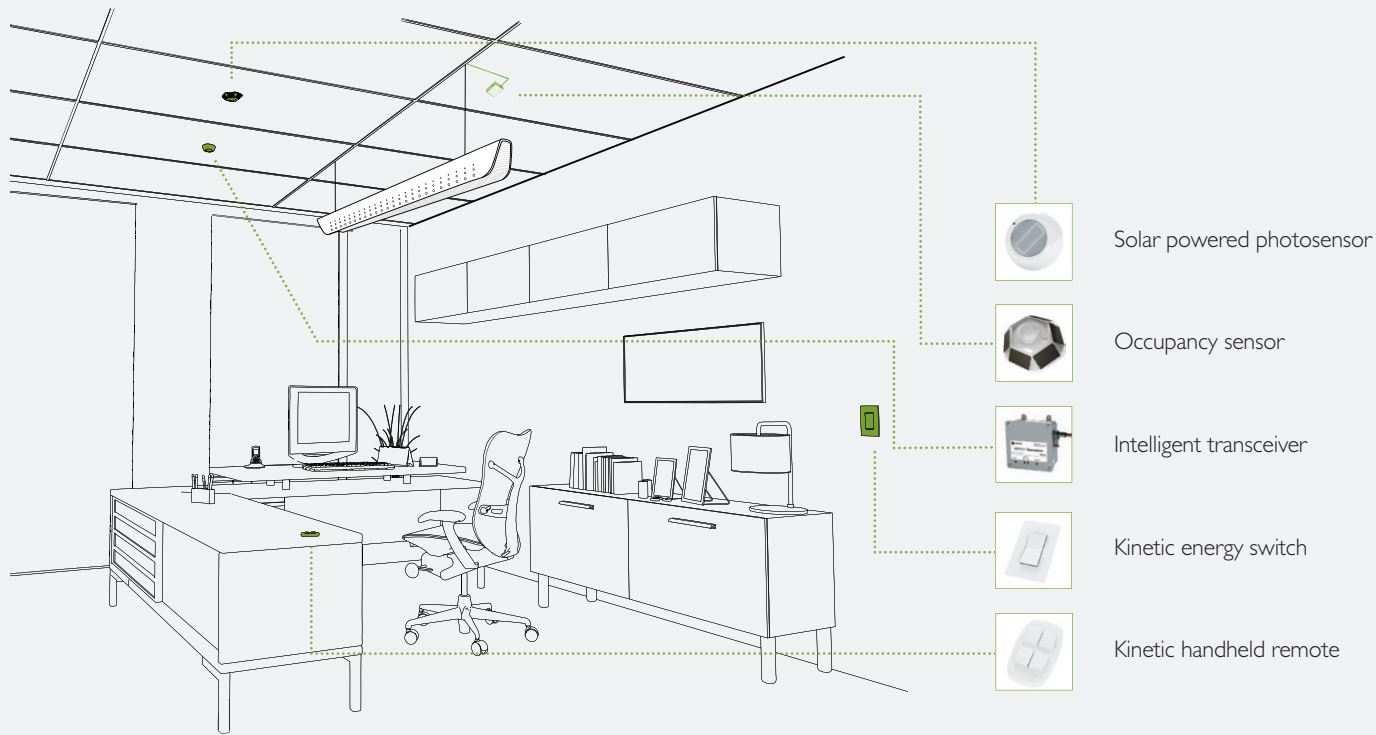
# Wireless Controls



## 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](http://ledalite.com/airwave)







## No wiring. No commissioning. 35% energy savings.

Jump is available with Philips Ledalite's 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.

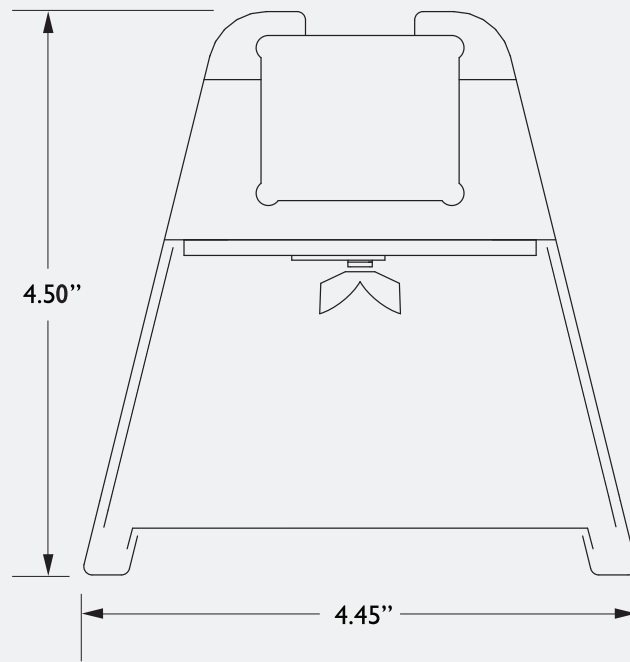
Response Daylight sensors are factory pre-calibrated and ready to use right out of the box. Just plug in the fixture—no power packs, standalone sensors or low-voltage wiring schemes required. The sensors adjust light output gradually with minimal distraction for occupants. A built-in delay prevents disruptions from passing clouds and occasional shadows.

[ledalite.com/response](http://ledalite.com/response)



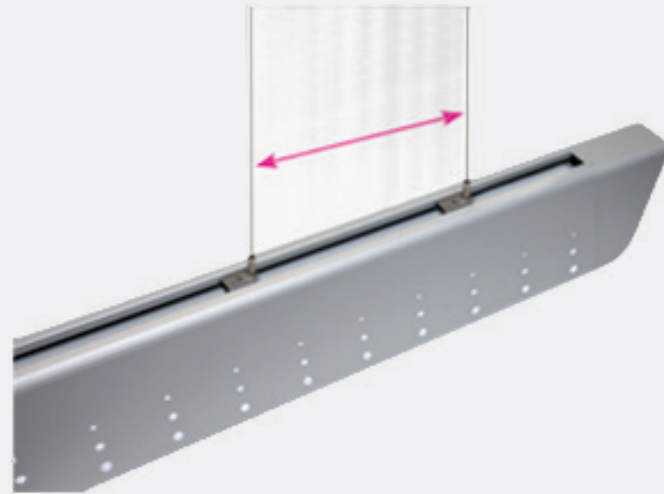
# Design Details

## Dimensions



## Variable Positioning

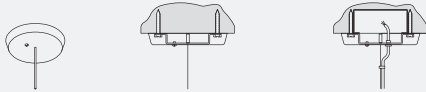
Jump's inherently flexible design allows aircraft cables to glide along the length of the luminaire for optimal positioning of suspended configurations. Wall mount and cantilever options are also equipped with a variable position mounting for maximum flexibility and ease of integration with all types of new and existing construction conditions.



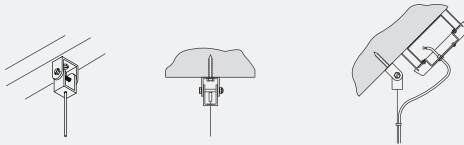


## Non-accessible Ceilings

A1

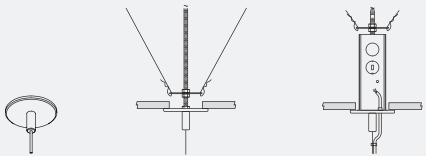


A3

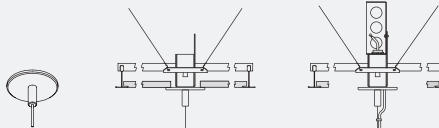


## T-bar Ceilings

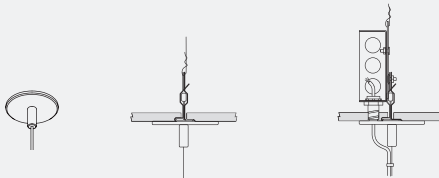
A2



A5

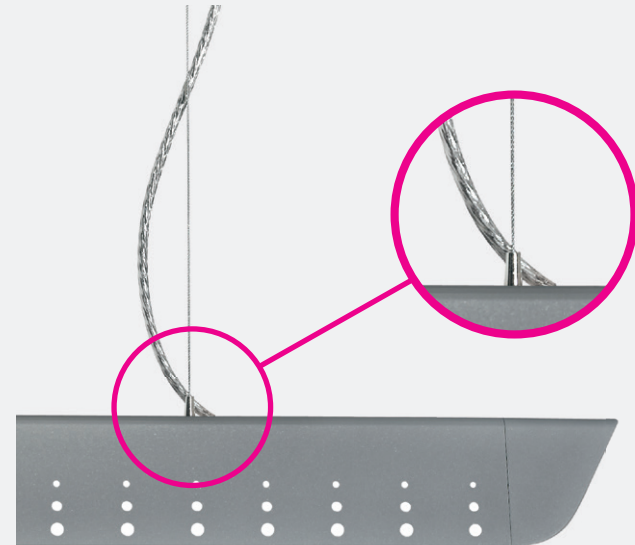


A6



## Attention to Detail

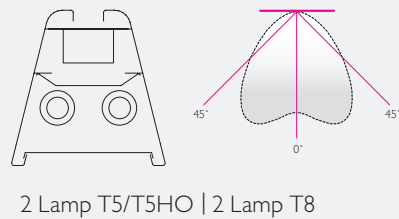
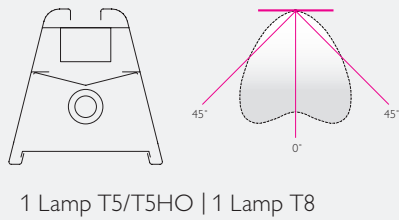
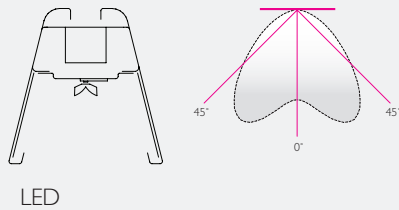
Suspended versions of Jump come with discreet stainless steel aircraft cables and a reflective silver power cord that virtually disappears from view in any architectural condition.



# Distribution

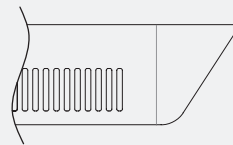
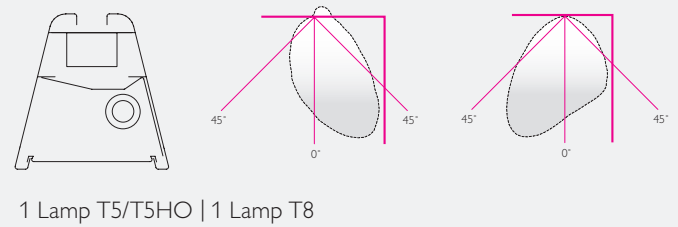
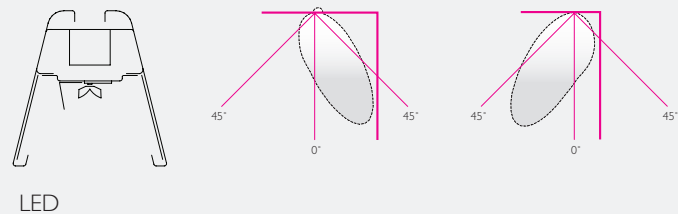
## Symmetric

Suspended | Surface | Cantilever



## Asymmetric

Suspended | Surface | Wall | Cantilever



For superior uniformity of vertical wall illuminance, cantilever luminaires are designed with a slotted optic/housing facing the wall.



# Specification Guide

Some options may not be available for each configuration. Consult factory for details.

## Jump Series

- 1201 Suspended Symmetric
- 1208 Suspended Asymmetric
- 1211 Surface Mount Symmetric
- 1218 Surface Mount Asymmetric
- 1228 Wall Mount Asymmetric
- 1231 Cantilever Symmetric
- 1238 Cantilever Asymmetric\*

\* One side Slotted.

## Source

L LED

## Color Temp

- A 4000K
- B 3500K
- C 3000K

## Lumen Pkg

- E High Output  
3600 lm/4ft
- G Standard Output  
2400 lm/4ft

## Lower Optics

Q MesoOptics  
Ribbed Lens

## Housing Style

- E SolidSide
- P PixelPerf
- S SplashPerf

## Run Length

Enter total run length  
in feet (4ft increments)

Available in 4ft and 8ft  
modules.

## Source

- F T5
- H T5HO
- T T8

## Lamp

10 1 lamp

## Wiring Type

- 1 1cct
- 2 2 cct L/R switching
- B 2 cct A/B switching
- 3 1cct w/emergency
- 5 1cct w/battery pack
- 7 1cct dimming

Consult the website for a  
full list of available options.

## Voltage

- 1 120V
- 2 277V
- 3 347V

## Ballast / Driver

- E Standard
- Consult the website for  
a full list of supported  
ballasts and drivers.

## Finish

- T Titanium Silver
- B Black
- W White
- X Custom Color

## Integrated Controls

DS Daylight Response Sensor

## Endcaps

- Specify:
- Luminous Endcap
  - Flat Endcap

All application performance results have been calculated using real luminaire photometric test data and OEM published lamp-ballast system specifications for 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 luminaire mounting and/or workplane heights affect uniformity but have no significant impact on energy performance or light levels. 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.

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Luminaires use fluorescent lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

For more product details or to view the video please visit [www.lightingproducts.philips.com](http://www.lightingproducts.philips.com)



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[www.philips.com/luminaires](http://www.philips.com/luminaires)

Ple-1301BR 09/13

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