All application performance results have been calculated using real luminaire photometric and OEM published lamp-ballast system specifications for Ledalite factory standard components at the time of publication. Interpretation information as provided in average maintained forward vision based on practical analysis with calculations. All performance results are as provided in a room with ambient conditions consistent with the published calculations, with uniformity results within ±10%. Results are for general guidance only and should not be used to evaluate lighting systems. Modifications to architectural conditions cause performance results to vary. For further information on system analysis for your specific project contact your local Ledalite Applications Engineer.

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Luminaires use fluorescent lamps that contain small amounts of mercury (Hg). 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.
Are you ready to make the leap?
Rhythms of playful patterns and subtle textures along a seamless continuum of luminance.
Luminous flowing form merged with function and flexibility.
Innovative optics at the forefront of the technology transformation.
Punctuate with pixels.
Make a splash, or keep it clean.
Applications

OFFICE
EDUCATION
LIBRARY
HEALTH
RETAIL
Jump™ delivers an unparalleled array of performance and aesthetic options to meet the sustainability challenges of any architectural environment.
Works for workstations.
Visual comfort, refined design and maximum energy savings.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.
Asymmetric meets aesthetic.
Reduced consumption, luminous continuity and consistent color.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.

- **Light Source**: 1 x 28 W T5
- **Room Size**: 40’ x 8’ x 9.5’ H
- **Row Spacing**: N/A
- **Mounting Height**: 8 ft AFF
- **Light Level**: 24 fc
- **Energy Density**: 0.57 W/ft²
- **Fixture Efficiency**: 84%
- **System Efficacy**: 71.7 lm/W

Assembly Mount | White Finish
PixelPerf | Flat Endcap
Asymmetric Distribution Room Side (R/S)
Efficacy and efficiency in educational environments.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.
Welcome to the new way of working together.
Ideal for places of concentration and conversation.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.
Application results include PureFX 1x1 (26W) luminaires.
A novel approach to library lighting.
Luminous spaces for study and uniform vertical illumination for stacks.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.

<table>
<thead>
<tr>
<th>Light Source</th>
<th>1 x 28 W T5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Size</td>
<td>100' x 33' x 11.5'H</td>
</tr>
<tr>
<td>Row Spacing</td>
<td>10 ft o.c.</td>
</tr>
<tr>
<td>Mounting Height</td>
<td>8.5 ft AFF</td>
</tr>
</tbody>
</table>

**Light Level**: 46 fc
**Energy Density**: 0.78 W/ft²
**Fixture Efficiency**: 85%
**System Efficacy**: 72.8 lm/W

Suspended | White Finish
SolidSide | Flat Endcap
Symmetric Distribution
HEALTH

Healthy spaces for healthy living.
Enhancing the well-being of people and the environment.

To see results for this application using the most current LED performance data, visit ledalite.com/jump.

<table>
<thead>
<tr>
<th>Light Source</th>
<th>2 x 28 W T5</th>
<th>Light Level</th>
<th>80 fc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Size</td>
<td>70’ x 30’ x 14’ H</td>
<td>Energy Density</td>
<td>1.02 W/ft²</td>
</tr>
<tr>
<td>Row Spacing</td>
<td>10 ft o.c.</td>
<td>Fixture Efficiency</td>
<td>74%</td>
</tr>
<tr>
<td>Mounting Height</td>
<td>10 ft AFF</td>
<td>System Efficacy</td>
<td>62.8 lm/W</td>
</tr>
</tbody>
</table>

Suspended | Black Finish
SplashPerf | Luminous Endcap
Symmetric Distribution
Go with the flow.
Detailed design elements and multiple distributions create dynamic retail spaces.
To see results for this application using the most current LED performance data, visit ledalite.com/jump.
Technology

MESOOPTICS
LEDLOGIQ
AIRWAVE
RESPONSE
Jump is fully integrated with innovative Philips Ledalite technology for maximum control, performance and energy savings.
Exceptional Control & Efficiency

MesoOptics technology provides the best possible combination of control and luminance. Higher transmission efficiencies than traditional optical and control methods means lower energy consumption. Small amounts of controlled brightness are introduced to the vertical surfaces creating a brighter and more visually comfortable environment without unwanted glare.

ledalite.com/mesooptics
How it Works

Philips Ledalite’s revolutionary MesoOptics is manufactured in a manner similar to the holographic microstructures that appear on most credit cards. Micron size light distribution elements are applied to a recyclable substrate, creating a highly efficient and unique lighting control approach.

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

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

Sustain
MesoOptics’ highly efficient material allows up to 95% of the light to pass through, creating highly energy efficient lighting products.
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 $L_{80}$ | 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 & LM-80 Tested
How it Works

The LEDLOGIQ integrated design approach delivers a highly efficacious luminaire with consistent color along a textured continuum of luminance with no direct view of the light source.

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 film and emerges from the translucent ribbed lens in a precisely controlled batwing distribution.
A Partner You Can Trust...

Today’s rapid state 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, all 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.
Futureproof. Period.

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

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 Total System Warranty

Jump 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.

## 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.

**PHILIPS LEDALITE**

![5 YEAR SYSTEM WARRANTY](image)
Imagine a World Without Wires...

Sensors energized by the light they collect. Switches powered by the motion used to operate them.

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
NEW Solar powered occupancy sensor
The solar powered occupancy sensor significantly enhances energy savings by automatically dimming down and then turning lights off when the space is vacant.

Intelligent transceiver
As the hub of system intelligence, the Airwave transceiver receives wireless signals from each device and commands the associated light fixtures to turn on, turn off or dim.

Solar powered photosensor
The solar powered photosensor harnesses energy from natural light via integrated miniature photovoltaic cells and constantly monitors illumination levels.

Kinetic energy switch
Kinetic handheld remote
The wireless and battery-free Airwave wall switch and remote handheld control are powered by the simple motion of pushing the switch; creating just enough kinetic energy to send a wireless signal to the transceiver.
Daylight is free. So are the sensors.

No wiring. No commissioning. 35% energy savings.

Jump is available with Philips Ledalite's Response Daylight sensors. These fixture 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.
How it Works

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

ledalite.com/response
Aesthetic design elements, multiple distributions and variable mounting options make Jump a highly flexible choice for functional environments.
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

Dimensions

4.45" 112.93 mm
4.07" 103.37 mm
2.42" 61.47 mm
0.56" 14.22 mm
3.72" 94.49 mm
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

Design Details

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.
For superior uniformity of vertical illuminance, all versions of asymmetric W/S luminaires are designed with a slotted optic/housing facing the wall.

For controlled luminance on the wall and primary forward throw into the space, asymmetric R/S luminaires are designed with a solid optic/housing facing the wall.
Specification Guide

Jump Series
- 1201 Suspended Symmetric
- 1208 Suspended Asymmetric (W/S)
- 1211 Surface Mount Symmetric
- 1218 Surface Mount Asymmetric (W/S)
- 1228 Wall Mount (R/S)
- 1231 Cantilever Symmetric
- 1238 Cantilever Asymmetric (W/S)

W/S = Wall Side distribution
R/S = Room Side distribution

Light Source
- LAA 440 4800
- LAD 440 7200
- PA 120
- TS 576
- T10 576
- T15 576

Lower Optics
- QMesoOptics Round Lens
- RPixell Optics Round Lens

Housing Style
- ESolidSide
- PSplinter
- SSpiral

Integrated Controls
- DSDaylight Response Sensor

Finish
- TTitanium Silver
- BRBlack
- WWhite
- XCustom Color

Endsips
- VLighting Collar
- FLight Collar

Wiring Type
- 1 Text
- 2 Text
- 3 Emergency
- 4 Text/Emergency

Ballast / Driver
- EStandard
- ESEnter model number for controls and drivers

Letter Options
- Meso Optics
- Ribbed Lens

Run Length

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

Run Length
Enter total run length in feet (4ft increments)
Available in 4ft and 8ft modules.

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

Consult the website for a full list of available options.
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 Ledalite Applications Engineering Department.

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