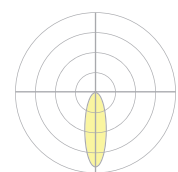


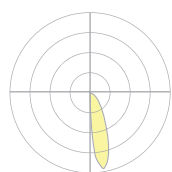
lumenpulse™

lumenline™

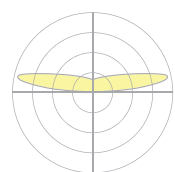
Lumenline family. Infinite possibilities.



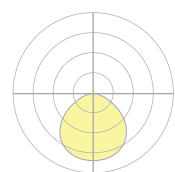
Narrow flood



Asymmetric wallwash



Batwing wide



Wide flood



pendant



surface

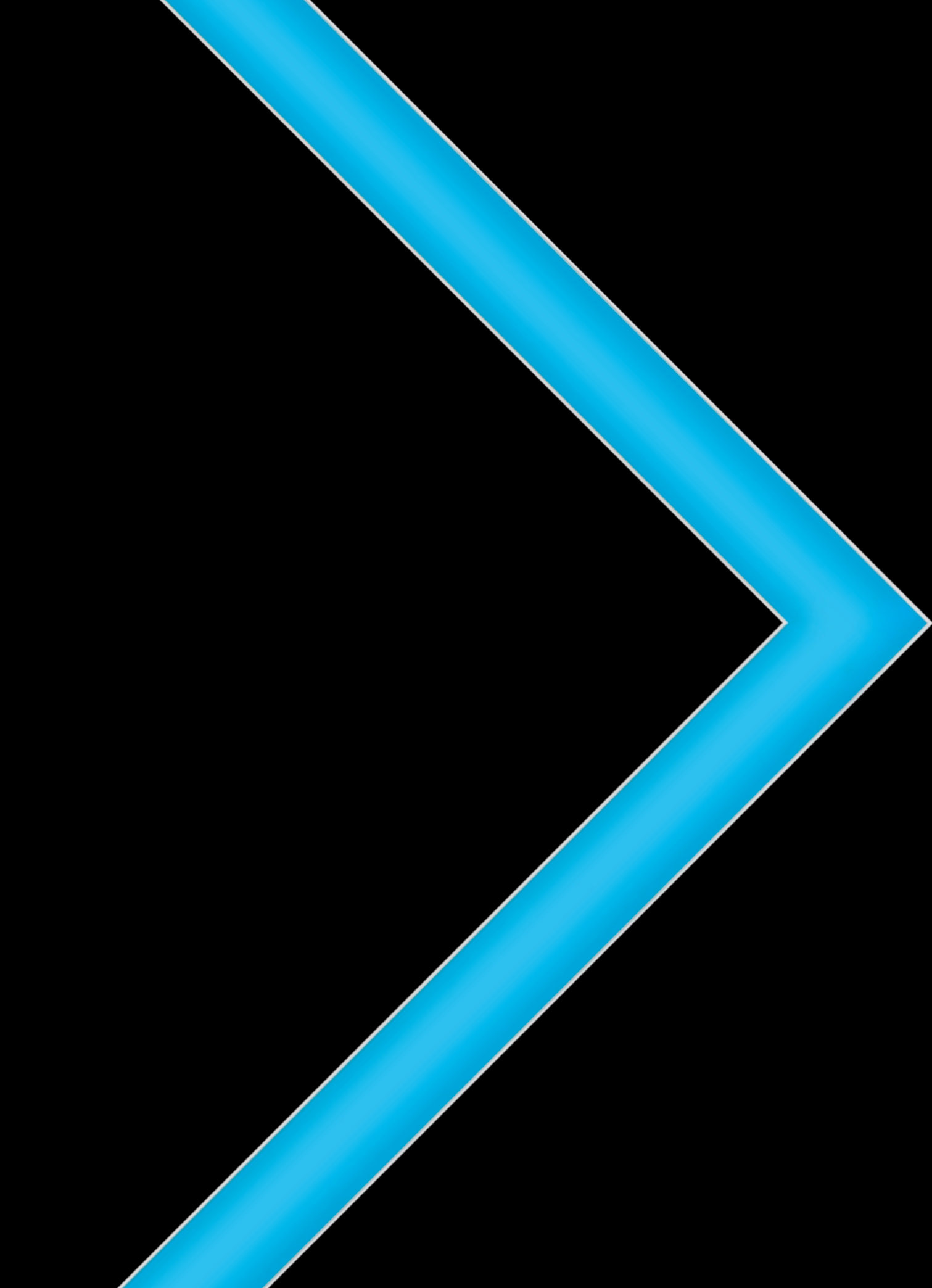


recessed

Think outside the box

We could tell you that Lumenline is a sleek LED linear system, designed to bring high-quality general lighting to commercial and institutional applications, but that's only half the story. The Lumenline family offers unmatched flexibility, performance and control, begging you to unleash the full power of your creativity. So go ahead, think outside the box.





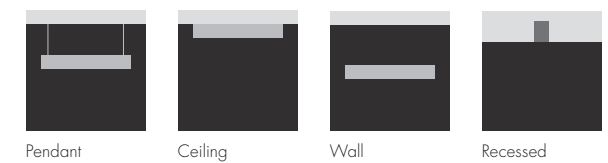
Versatility

Lumenline is the ultimate in creativity – an inexhaustible crayon box of options for designers, engineers and architects. Choose between a wealth of optics, shapes, colors and controls for the opportunity to create truly unique spaces.

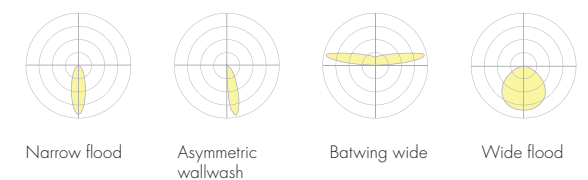
Colors



Mounting



Optics



Leading performance

When Lumenline first appeared, it marked a breakthrough for LED technology, challenging the performance of T5 HO fluorescent systems. Today, Lumenline is better than ever, delivering up to 107 lumens per watt, with outstanding uniformity and excellent color rendering (80 CRI) – allowing designers to create uniformly lit spaces using 40% less energy and 25% fewer fixtures than with leading fluorescent systems.

Up to
20%
increase in output

107 lm/W¹

126,000 hrs²

1. Delivered lumens, 4000K, HO, Wide flood and Batwing wide optics
2. Lumen maintenance of 126,000 hrs (L70 @ 25 °C)

Lumenline™ 4', Direct Lighting, High Output, 12W/ft, 4000K

	Output [lm]	Efficacy [lm/W]
Wide flood	4712	107
Asymmetric wallwash*	4160	95
Narrow flood*	3928	89
Batwing wide	4724	107

* Standard white painted louver



Asymmetric wallwash for even illumination of walls

Optics for everywhere

The Lumenline family of luminaires is now available with a range of optics, offering exceptional uniformity with best-in-class setback and spacing ratios. Optics can be combined for greater flexibility.

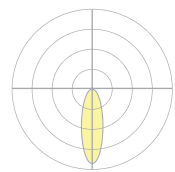


Close-up view of 30-degree Narrow flood optic

Optical flexibility

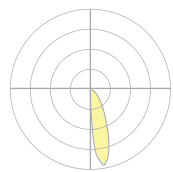
DIRECT DISTRIBUTIONS

Narrow flood



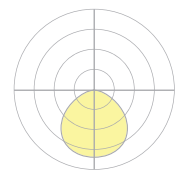
A narrow 30-degree flood is recommended for high-ceiling applications or to direct a more focused beam of light onto work surfaces and table tops.

Asymmetric wallwash



Unmatched Asymmetric wallwash allows even illumination of walls, with exceptional uniformity of less than 3.1 to 1 (max./min.) at a setback of 1/6 the wall height. This optic is also suitable for shelving and whiteboards.

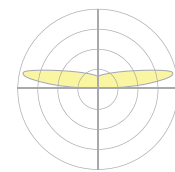
Wide flood



A standard wide optic is the best option for achieving efficient general lighting with excellent uniformity.

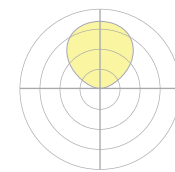
INDIRECT DISTRIBUTIONS

Batwing wide



For indirect illumination of ceilings requiring unbeatable uniformity (less than 6.1 to 1) and generous 12 feet (3.6m) spacing between luminaires even when suspended close to the ceiling at just 12 inches (300mm).

Wide flood

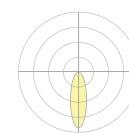


A wide flood is suitable for indirect, high-ceiling applications where luminaires are suspended further than two feet from the ceiling.

30°
narrow flood
optic



Narrow flood



Narrow 30-degree flood optics are an ideal choice to illuminate high-ceiling environments, or to direct a more focused beam onto work surfaces and table tops.



Narrow flood

A narrow flood optic enables new applications: whether grazing brickwork, lighting tall spaces or directing light onto table tops and work surfaces.

Conference room



Summary

Lumenline pendant direct,
3500K, 8 feet, regular output
(6W/ft), narrow flood optic,
white painted louver

Mounting height

8 feet

Output

493 lm/ft

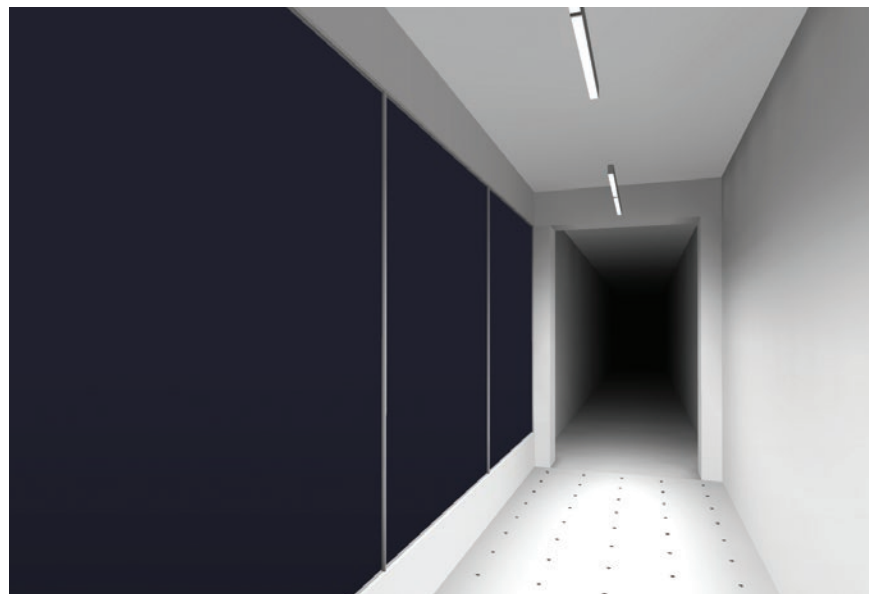
Avg level

48 fc on workplane (30 in)

Max./min. ratio

3.52 to 1

Corridors and circulation areas



Summary

Lumenline pendant direct,
3500K, 8 feet, regular output
(6W/ft), narrow flood optic,
white painted louver

Mounting height

14 feet

Spacing

15 feet

Output

493 lm/ft

Avg level

15 fc on floor

Max./min. ratio

2.75 to 1



Reception desk

Lumenline surface ceiling mount,
16 feet, regular output (6W/ft),
3500K, narrow flood optic,
semi-specular louver

Mounting height

12 feet

Output

544 lm/ft

Avg level

39 fc on workplane (30 in)

Max./min. ratio

2.92 to 1

**Unmatched
uniformity
of 3.1 to 1**
max./min. ratio



Asymmetric wallwash

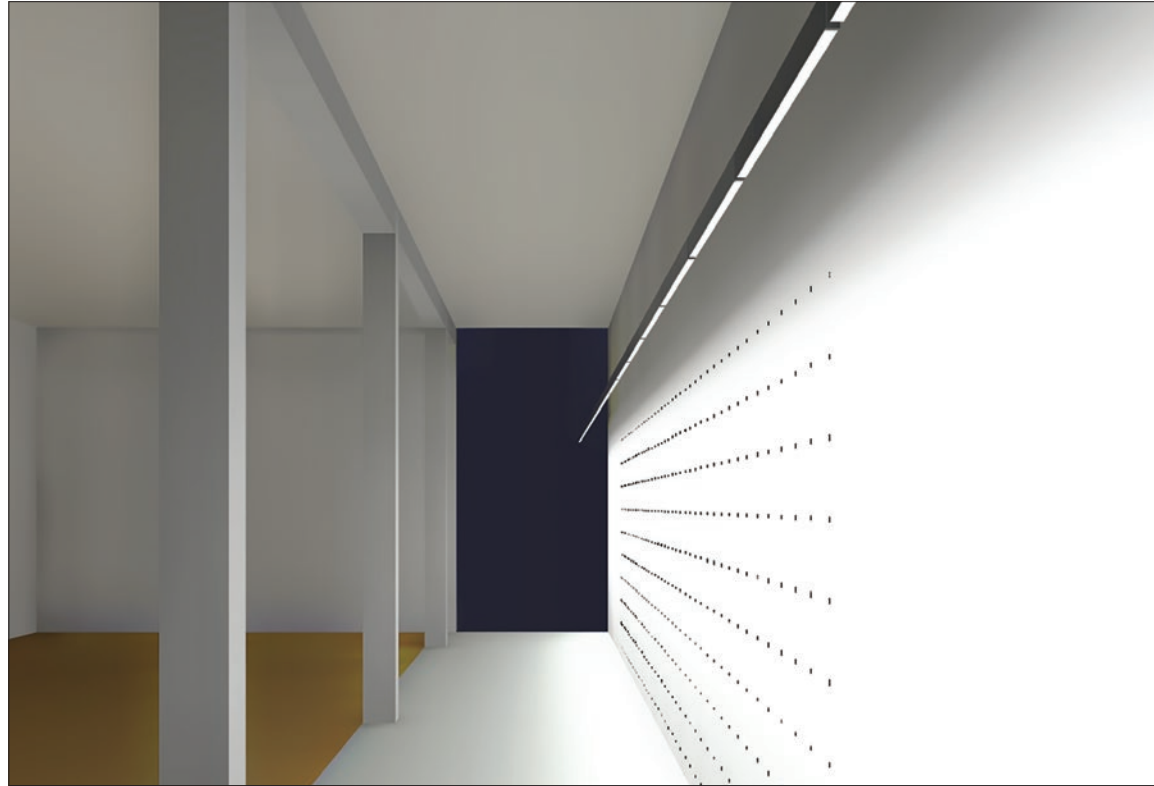


The Asymmetric wallwash optic delivers best-in-class uniformity even at close range – measuring less than 3.1 to 1 (max./min.) at a setback of up to 1/6 of the wall height. The Asymmetric wallwash optic is a winning choice for even illumination of walls, shelves and whiteboards.



Asymmetric wallwash

Unbeatable uniformity



Lumenline pendant, 60 feet, regular output (6W/ft), 3000K, Asymmetric wallwash optic, mounting height 10 ft



Continuous run

Continuous run

Setback: 20 in

Uniformity: 2.6 to 1

Avg. illuminance: 30 fc

Total power consumed: 360W

Model: Regular output (6W/ft)

Unbeatable value



Lumenline pendant, 10 x 4 foot unit, high output (12W/ft), 3000K, Asymmetric wallwash optic, mounting height 10 ft



Single units

Single units, 2 ft spacing between fixtures

Setback: 20 in

Uniformity: 3.1 to 1

Avg. illuminance: 42 fc

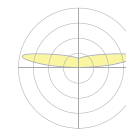
Total power consumed: 480W

Model: High output (12W/ft)

20 ft
spacing between
luminaires



Batwing wide

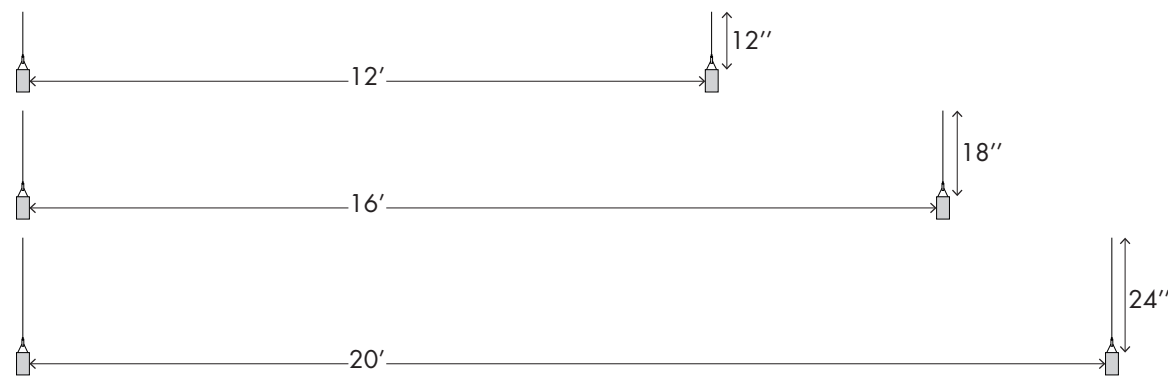


The batwing optic, available in white or RGB, gives you even illumination under low ceilings, even with wide fixture spacings. Fittings can be spaced up to 20ft when suspended 2ft from the ceiling. Even at just 1 ft from the ceiling, the luminaires achieve exceptional uniformity of less than 6:1:1 (max./min.), and can be spaced up to 12ft apart.



Spread your (bat)wings

Spacing varies in relation to suspension height



Library application

Lumenline pendant direct/indirect, 16 feet, regular output (12W/ft), 3000K, downlight: wide flood optic, uplight: Batwing wide optic



Spacing 12 ft

Suspension height: 12 in
Uniformity on ceiling: 5.75 to 1
Avg. illuminance: 51 fc
Uplight output: 522 lm/ft
Uplight efficacy: 91 lm/W

Spacing 16 ft

Suspension height: 18 in
Uniformity on ceiling: 6.1 to 1
Avg. illuminance: 36 fc
Uplight output: 522 lm/ft
Uplight efficacy: 91 lm/W

Spacing 20 ft

Suspension height: 24 in
Uniformity on ceiling: 5.33 to 1
Avg. illuminance: 28 fc
Uplight output: 522 lm/ft
Uplight efficacy: 91 lm/W

Batwing wide

Unbeatable uniformity



8 ft spacing, 4 rows

Lumenline pendant direct/indirect regular output (12W/ft), 16 feet, 3000K, downlight: wide flood optic, uplight: Batwing wide optic

8 ft Spacing

Suspension height: 12 in

Uniformity on ceiling: 2.67 to 1

Avg. illuminance: 70 fc

Power consumption: 768W

Model: Regular output (12W/ft)

Unbeatable value



12 ft spacing, 3 rows

Lumenline pendant direct/indirect regular output (12W/ft), 16 feet, 3000K, downlight: wide flood optic, uplight: Batwing wide optic

12 ft Spacing

Suspension height: 12 in

Uniformity on ceiling: 5.75 to 1

Avg. illuminance: 51 fc

Power consumption: 576W

Model: Regular output (12W/ft)



Batwing optics are an ideal choice for low-ceiling environments, providing even illumination across wide spaces, without hotspots.

Closed office



Summary

Lumenline pendant direct/indirect, 8 feet, regular output (12W/ft), 3000K, downlight: wide flood optic uplight: Batwing wide optic

Suspension height

12 inches

Uplight output

546 lm/ft

Uplight efficacy

91 lm/W

Avg level

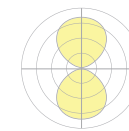
28 fc on ceiling

Max./min. ratio

4.31 to 1 on ceiling



Wide flood



The optic can be especially useful for open concept offices, allowing for maximum required light levels with a minimal amount of luminaires needed.



Ricardo Media Inc., Montréal, QC, Canada
Lighting Design: KL Projekt Inc.

Wide flood

A wide flood optic is an attractive proposition for workplace environments, providing bright, uniform illumination over large areas in either direct or indirect applications.

Reception hall



Lumenline recessed, 12 feet,
regular output (6W/ft), 3500K,
wide flood optic

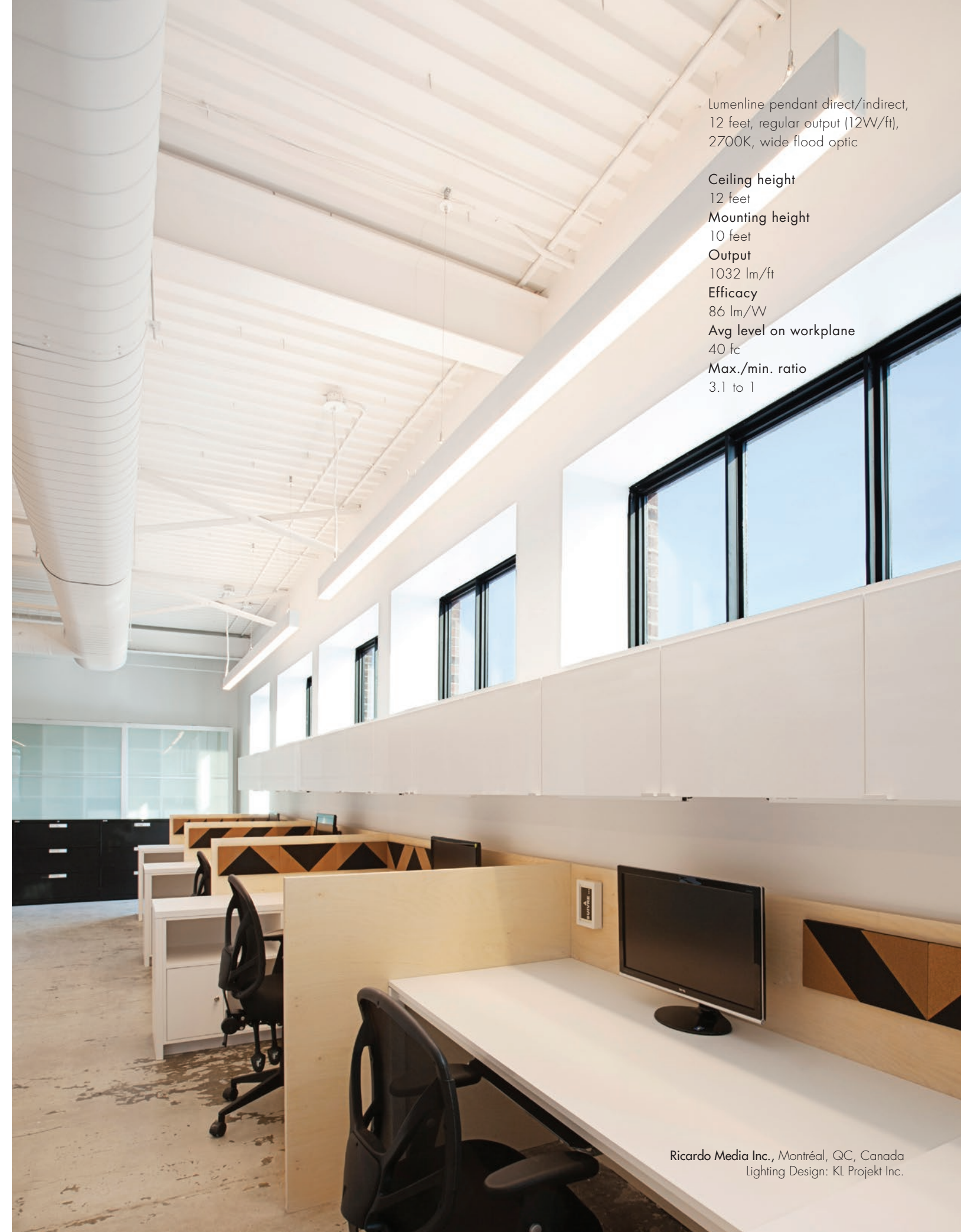
Avg level on workplane
53.2 fc
Max./min. ratio
1.54 to 1

Open office



Lumenline pendant direct/indirect,
regular output (12W/ft),
34 in. x 34 in., 3000K,
downlight: wide flood optic
uplight: wide flood optic

Avg level on workplane
26.97 fc
Max./min. ratio
1.6 to 1



Lumenline pendant direct/indirect,
12 feet, regular output (12W/ft),
2700K, wide flood optic

Ceiling height
12 feet
Mounting height
10 feet
Output
1032 lm/ft
Efficacy
86 lm/W
Avg level on workplane
40 fc
Max./min. ratio
3.1 to 1

Ricardo Media Inc., Montréal, QC, Canada
Lighting Design: KL Projekt Inc.

Visual comfort

We bring the best out of our optics, narrow flood and Asymmetric wallwash, with a choice of three louver finishes: white or black painted and high performance semi-specular.



Narrow flood optic louver

Silver housing

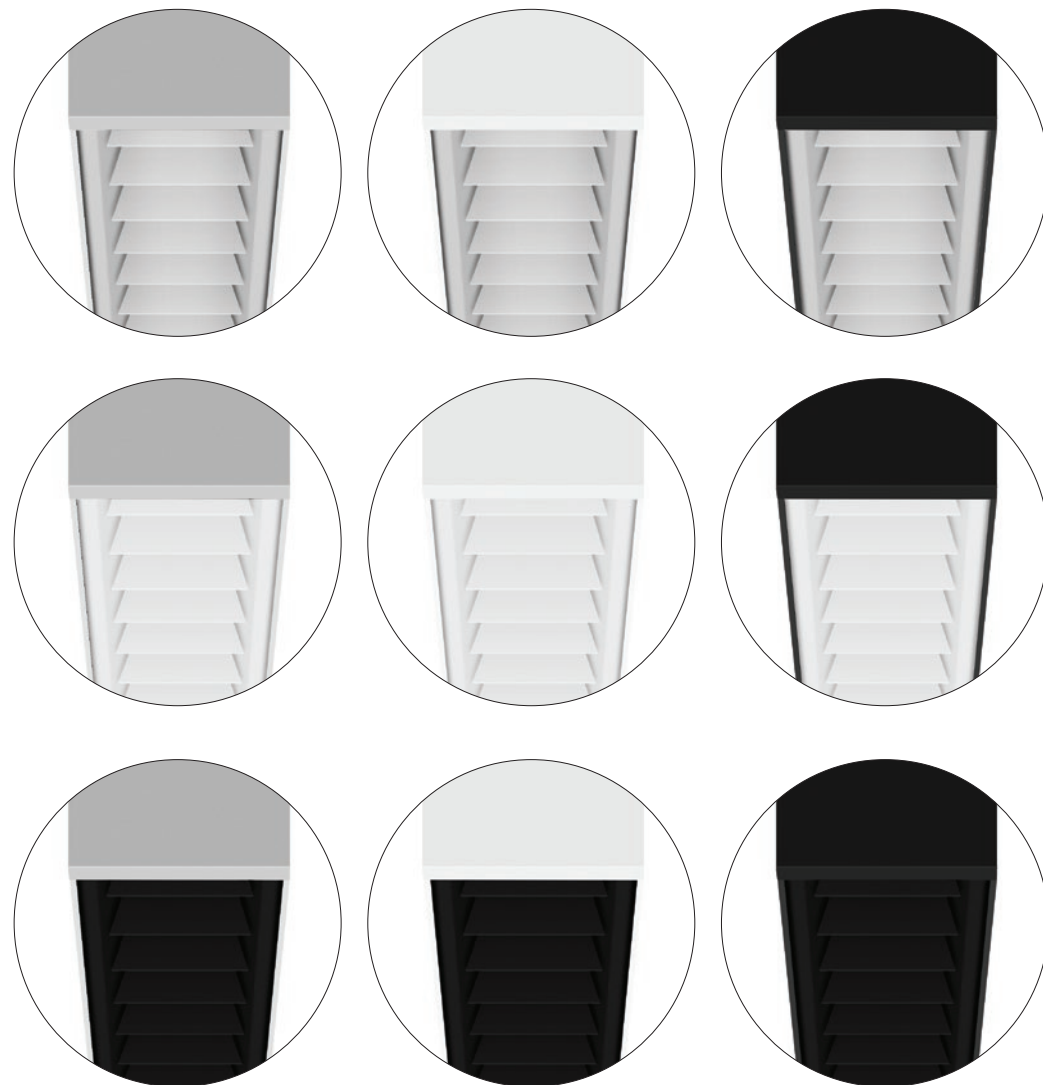
White housing

Black housing

Semi-specular louver

White painted louver

Black painted louver



Asymmetric wallwash optic louver

Silver housing

White housing

Black housing

Semi-specular louver

White painted louver

Black painted louver



The last line on control

There should be no lighting without lighting control. That's why Lumenline has been designed to integrate with any lighting control system. Choose between 0-10V, DALI, DMX/RDM or Lutron EcoSystem as wired control options. Or use Lumentalk technology to enable digital control over electrical wiring and bring instant versatility and energy savings to lighting projects. Lumentalk turns electrical circuits into robust digital networks, eliminating the need for costly new wiring.

Control options



* Using Lumentalk™ technology

Over power line



Use Lumentalk™ to enable control via TRIAC, 0-10V, DALI, DMX over power

EcoSystem®



With Lutron® EcoSystem® embedded inside, Lumenline™ integrates into the EcoSystem® environment without the need for additional interfaces



Be direct

Use direct lighting distribution to boost alertness and energy levels, creating bright work stations and conference room settings.



The best of both worlds

Direct/Indirect distributions can enliven interior environments, helping the space feel brighter and larger.



A touch of color

Color-changing indirect lighting applications can add a sense of drama to any interior environment, helping to give individual spaces their own unique identity.



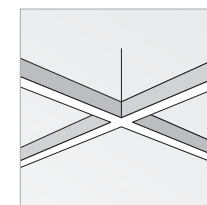
Dimmable flexibility

Fully dimmable direct lighting provides the flexibility expected from modern lighting systems, enabling spaces to accommodate lively meetings, intimate presentations and more.

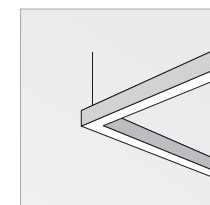


Go with the flow

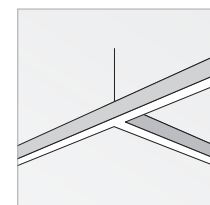
Available with lit joiners, Lumenline allows you to tailor the shape of your lighting solutions, creating 90-degree, square, cross and t-shaped luminaires that seamlessly blend into the architecture of any interior space.



Cross



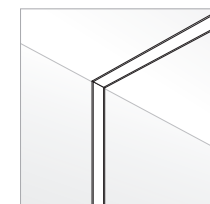
Corner



Tee



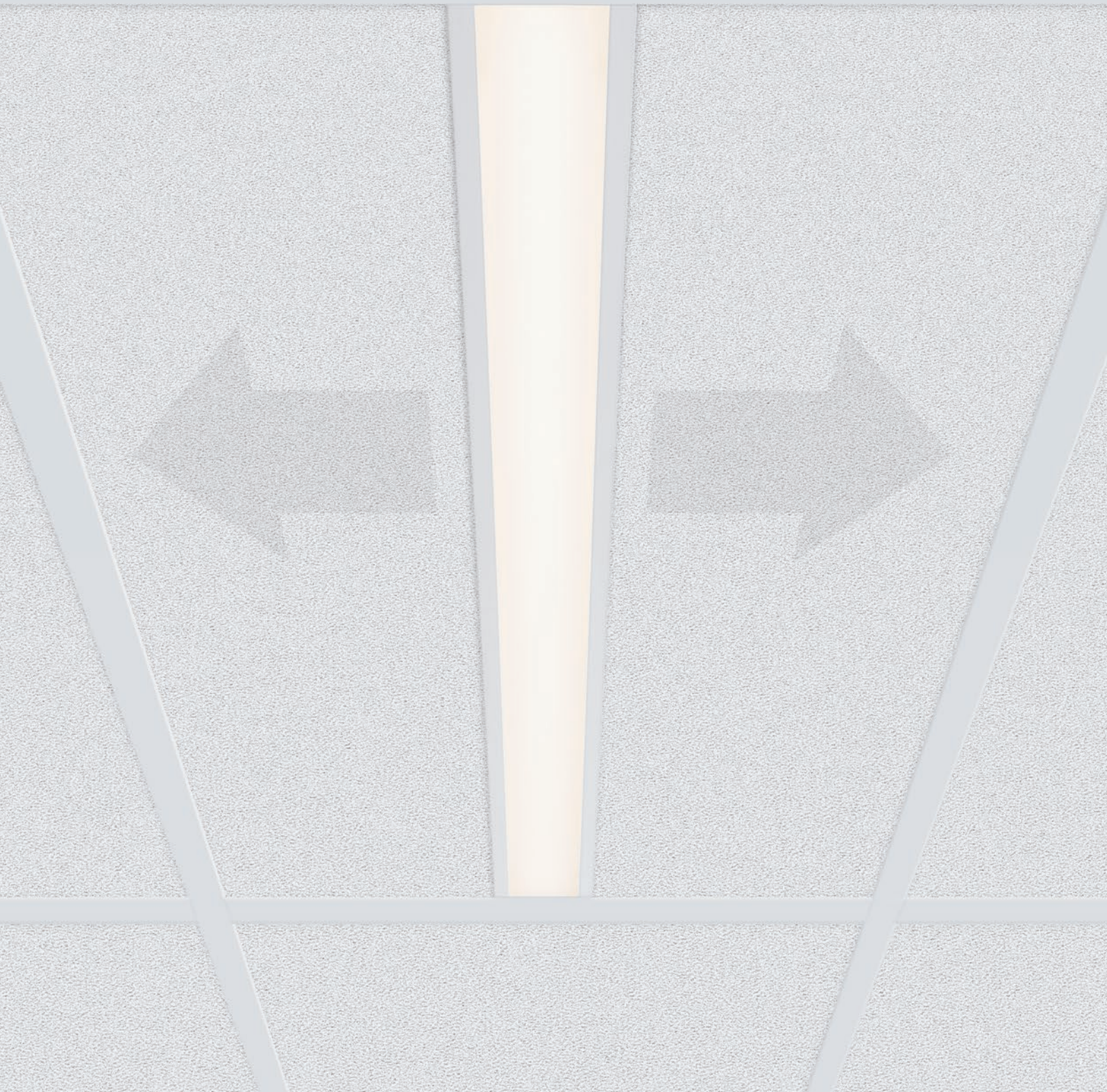
Ceiling to Wall



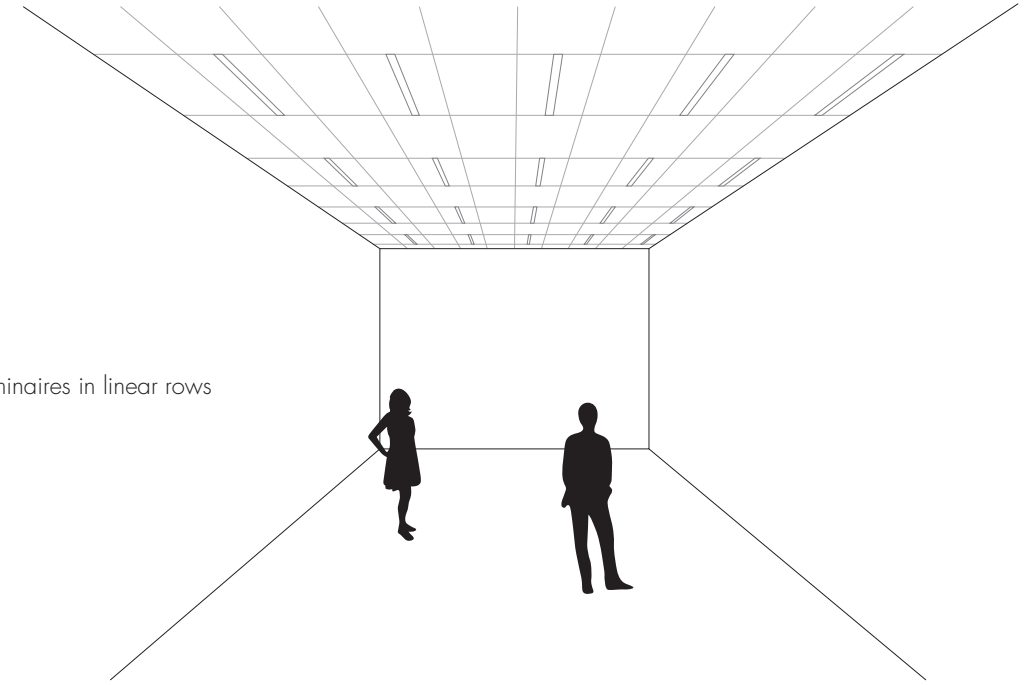
Ceiling to Wall

Flexible layouts

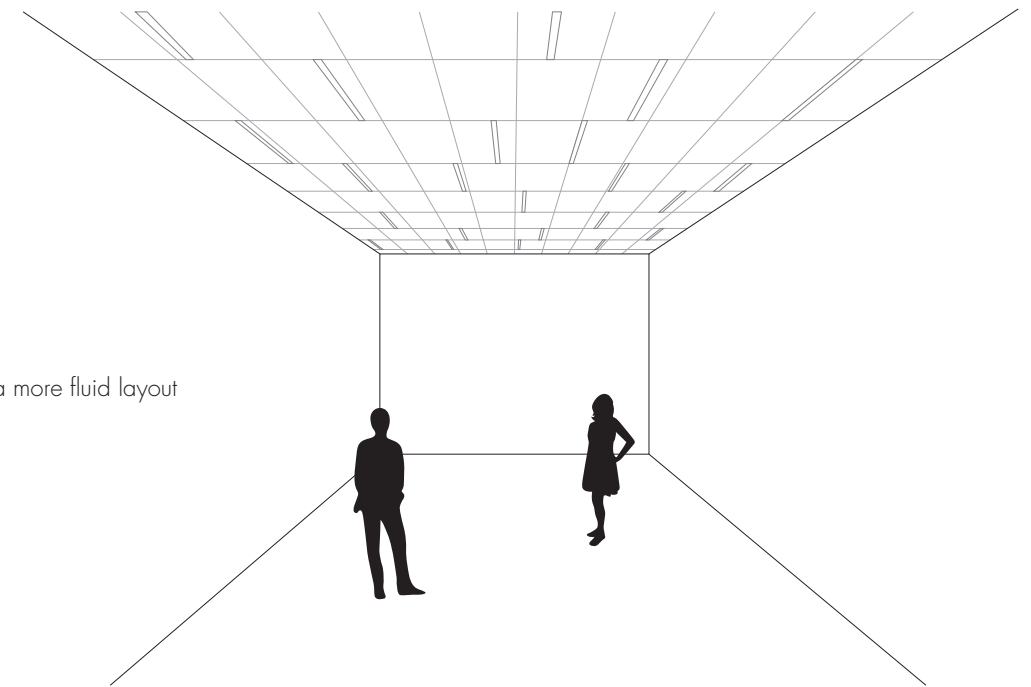
Lumenline™ Recessed T-Bar luminaires fit into any standard grid ceiling, and can be installed anywhere in the tile or along the Tee.



Regular
Install luminaires in linear rows



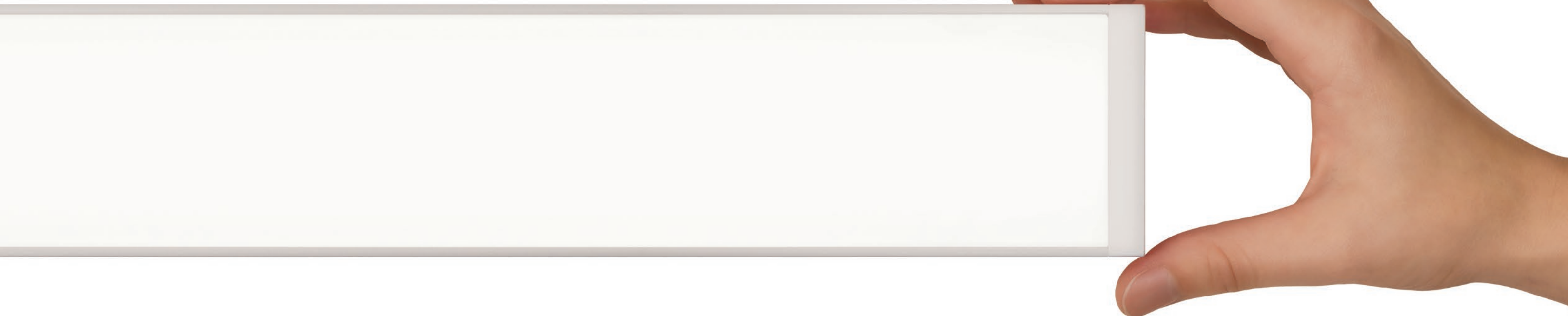
Flexible
Explore a more fluid layout



Sleek

Lumenline's slender 2.5-inch (65 mm) profile was designed to integrate closely with architecture, creating clean lines of light – without lamp shadows or the unevenness associated with fluorescent technologies.

Slim profile
2.5-inch (65 mm) wide aperture



Thoughtful design

As part of our core design philosophy, Lumenline allows access to essential components in the event that repair or replacement becomes necessary.



Spring clips
Access housing from below to facilitate installation.

Snap-in lens and louvers
For quick and simple access to the reflector assembly.



Removable reflector assembly
To facilitate service in the field or if an upgrade is required.

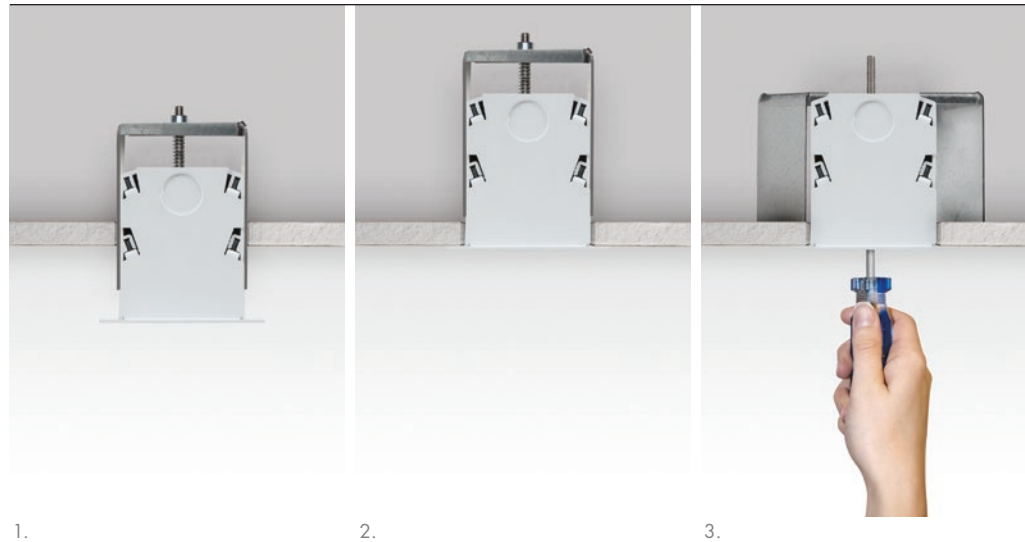
Easy installation

No matter which configuration you use, the Lumenline installation process is reliably simple.



Adjustable aircraft cable

Adjust cables on site to increase the flexibility of mounting points.



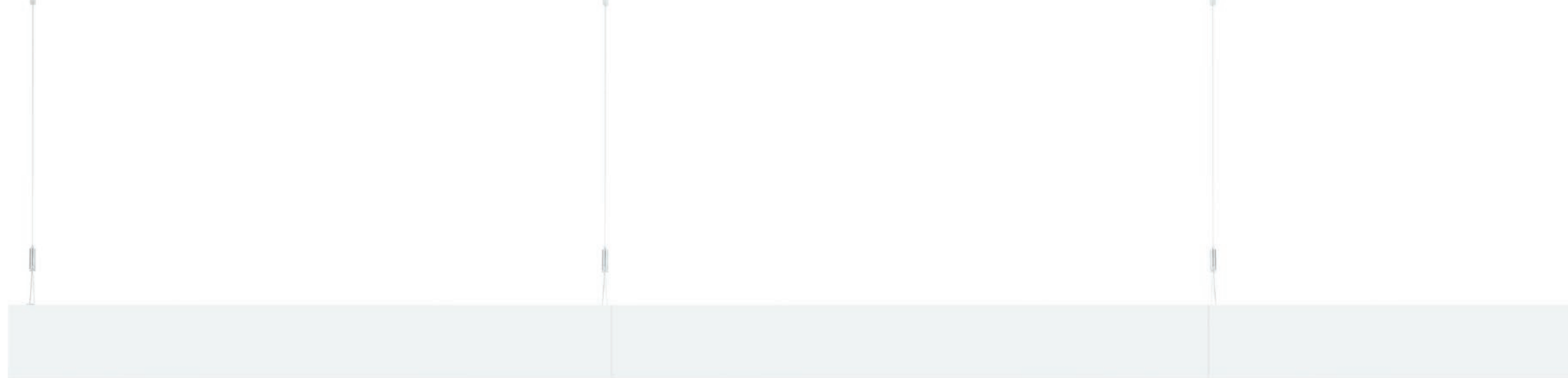
Avoid reconstruction

Install luminaire through cut in ceiling (1, 2), and rotate crossbar to secure from below (3).



Mounting bracket

Wall bracket supports luminaire for hands-free wiring connection.



lumenline™ PENDANT

Quick assembly

Lumenline's quick joining system simplifies installation, allowing seamless connection in less than a minute – with no chance of light leaks.



Connect in less than a minute



Step 1 Slide out the alignment rails on each side.



Step 2 Insert the cable.



Step 3 Connect the two units.



Step 4 Tighten captive screws to secure connection.

The lumenline™ family

We've upgraded the entire Lumenline family, adding the latest generation of LED technology, optics, lit corners, and an innovative quick connect design for continuous runs. The Lumenline is more efficient than ever, with increased flexibility and easier installation. Think outside the lines.

lumenline™ Pendant



lumenline pendant
direct



lumenline pendant
regressed lens direct



lumenline pendant
indirect



lumenline pendant
direct/indirect

lumenline™ Recessed



lumenline recessed



lumenline recessed
regressed lens



lumenline recessed
T-Bar



lumenline recessed
T-Bar regressed lens

lumenline™ Surface



lumenline surface
wall mount direct



lumenline surface
wall mount regressed lens direct



lumenline surface
wall mount indirect



lumenline surface
wall mount direct/indirect



lumenline surface
ceiling mount



lumenline surface
ceiling mount regressed lens





THE LOOP[®]
HORS TAXES
DUTY FREE . MONTRÉAL

CHOCOLAT

SAVEURS DU

CHOCOLAT

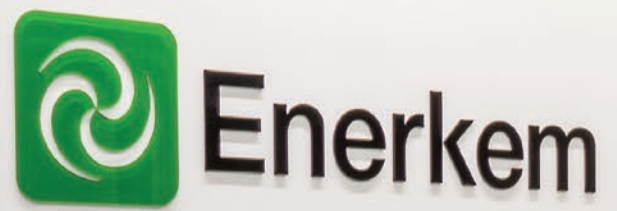




10



ATELIER INTERNATIONAL D'EDUCATION ET D'ART THERAPIE
Michel de la Chenelière
INTERNATIONAL ATELIER FOR EDUCATION AND ART THERAPY















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