PHILIPS

FlexBlend

Office lighting

Unlocking the potential of LED lighting in offices

innovation ✦ you

Explore the benefits of FlexBlend

Today, next to efficiency and good payback, it's also important to ensure ceilings remain decluttered and lighting needs to offer both flexibility and compliance with norms and regulations. Offering real value for money, FlexBlend luminaires tick all these boxes.

FlexBlend recessed

FlexBlend suspended

FlexBlend surface mounted

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Why choose FlexBlend?

1.
Office-compliant lighting

High-quality office-compliant lighting: Office Compliant Optics UGR <19. Minimized flickering and strobe light effects and increase visual comfort in the workplace.

2.
Application flexibility

The FlexBlend luminaire fits into every office area, from reception and corridors to open plan offices and meeting rooms. It is available in square and rectangular forms. Suitable for recessed, surface or suspended applications.

3.
Adaptability in design

This gives the possibility to install the luminaires easily in the field, at any moment. Even when todays luminaire is suspended, tomorrow this can be adapted to a surface mounted installation at the venue. And the other way around.

4.
Fast return on investment

By combining the benefits of good efficiency (up to 144 lm/W), reliability and long service time, ease of installation and maintenance, FlexBlend offers a great return on your investment.

5.
Easy connection to IoT

You can get much more out of your lighting when it's connected to IoT. FlexBlend is ready to be connected to Philips ActiLume and SpaceWise and even more advanced connected lighting systems such as Interact Office.

Different optical concepts to cover different needs

When it comes to designing office luminaires, we have one over-riding objective: the luminaires must deliver lighting of the highest possible quality.

For us, quality lighting means lighting that is fully compliant with all office norms and that delivers a comfortable working experience for office employees. Offering three optic concepts, FlexBlend luminaires deliver an above-standard quality of light for primary and secondary office areas.

Office-compliant Polycarbonate Textured Structure (PCS) optic has a distinctive bright line exit window appearance. With UGR <19 it meets the application requirements for all the primary office areas such as cell office, meeting room and open place office. Efficacy: lm/W up to 144.

Office-compliant Micro Lens Optics (MLO) has a soft sparkle exit window appearance and an outstanding look and feel. Micro Lens Optics due to their smooth light output and excellent quality of light are suitable for the most demanding application areas of every office. Efficacy: lm/W up to 105.

Non office-compliant Opal (O) optic has a soft gradient exit window appearance. With UGR <25 it fits in every secondary office area, such as corridors, reception and circulation areas. Efficacy: lm/W up to 125.

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High-speed Internet through your lights with LiFi

FlexBlend recessed is suitable for Lifi, an additional advantage.

With Trulifi, Signify's LiFi system, you can make an internet connection through light. It is a two-way wireless connection that is reliable, secure and fast. In addition, the energy efficient LED lights lead to more than 80% of electricity savings compared to conventional lighting.

Our Trulifi systems modulate light waves to transmit data. A USB access key plugged into a laptop or tablet receives data and sends data back to a transceiver. Plug-and-play. Trulifi can be retrofitted into existing luminaires: an all-in-one solution to declutter your ceiling.

Learn more ›

Show your true colors:
Improving the quality of work life with light

FlexBlend family is equipped with CRI90 luminaires.

With office lighting design high on many organizations' agenda, the CRI90 luminaires support designing for health and well-being. Today's office lighting goes beyond illumination with solutions that support healthier workplaces. With the introduction of our CRI90, also the R_9 increases to ≥ 50 which meets the color quality requirements from WELL Building Standards v1 feature 58. Plus, the transition from CRI80 to CRI90 does not entail any significant loss of energy efficiency (lumen/Watt) and no reduction of lumen output.

The new CRI90 portfolio also meets the additional requirement on red rendering: additionally R_9 ≥ 50. CRI90 takes lighting-led well-being to the next level.
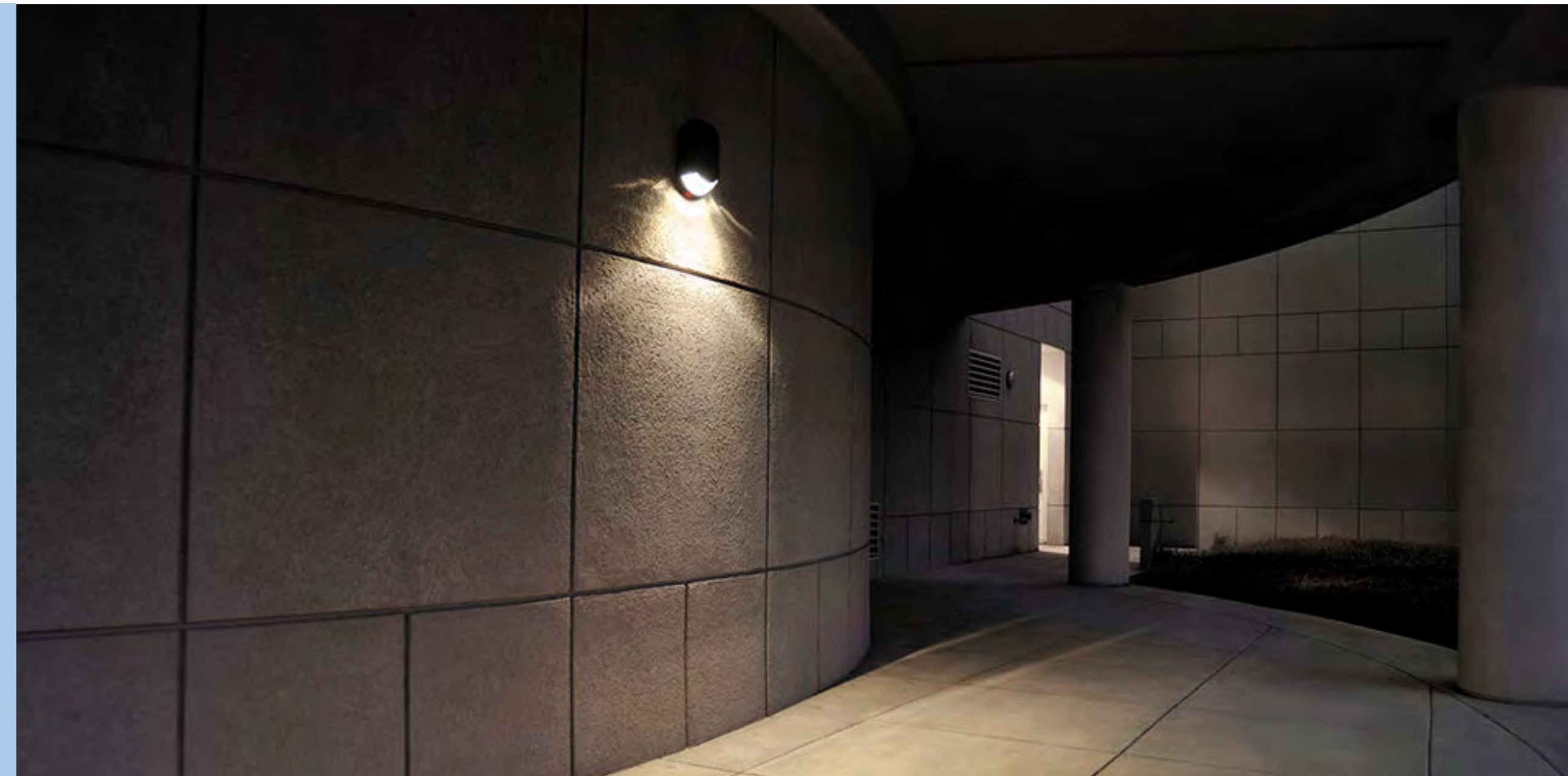
Learn more ›

Emergency lighting with TrustSight

Easy to design into FlexBlend luminaires

As LEDs become more efficient and the system functionality increases, managing the lighting brings new challenges. The Philips TrustSight LED emergency systems are designed for your security.

Philips LED TrustSight solutions are designed to secure light in case the normal mains voltage is failing. In that case the TrustSight driver immediately switches over to battery mode to light-up vital objects such as escape routes.

TrustSight LED Emergency systems are ideal for offices as they complement original architectural and lighting designs. They are easy to design into FlexBlend luminaires, and are simple to install and configure.

FlexBlend recessed

Full application flexibility

Are you looking for a square or rectangular luminaire for your workplace? Would you like to be able to use the same luminaire model in different rooms with different ceiling types? FlexBlend provides the required flexibility by being easy applied on different ceiling types as well as in different office spaces like open office or meeting rooms.
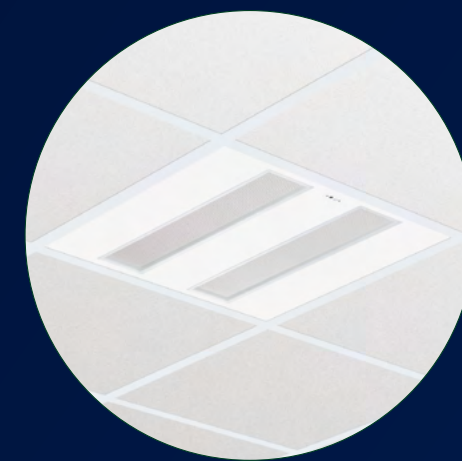
Square version
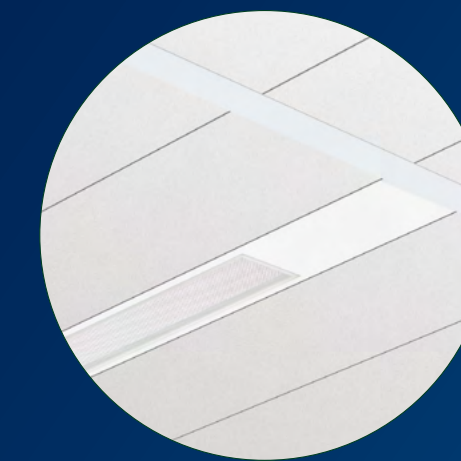
Rectangular version

Bandraster version

Visible profile ceiling version (VPC)

Concealed profile ceiling version (CPC)

Plaster ceiling version (PCV)

Bandraster ceiling version (BCV)

Fineline (FLC)

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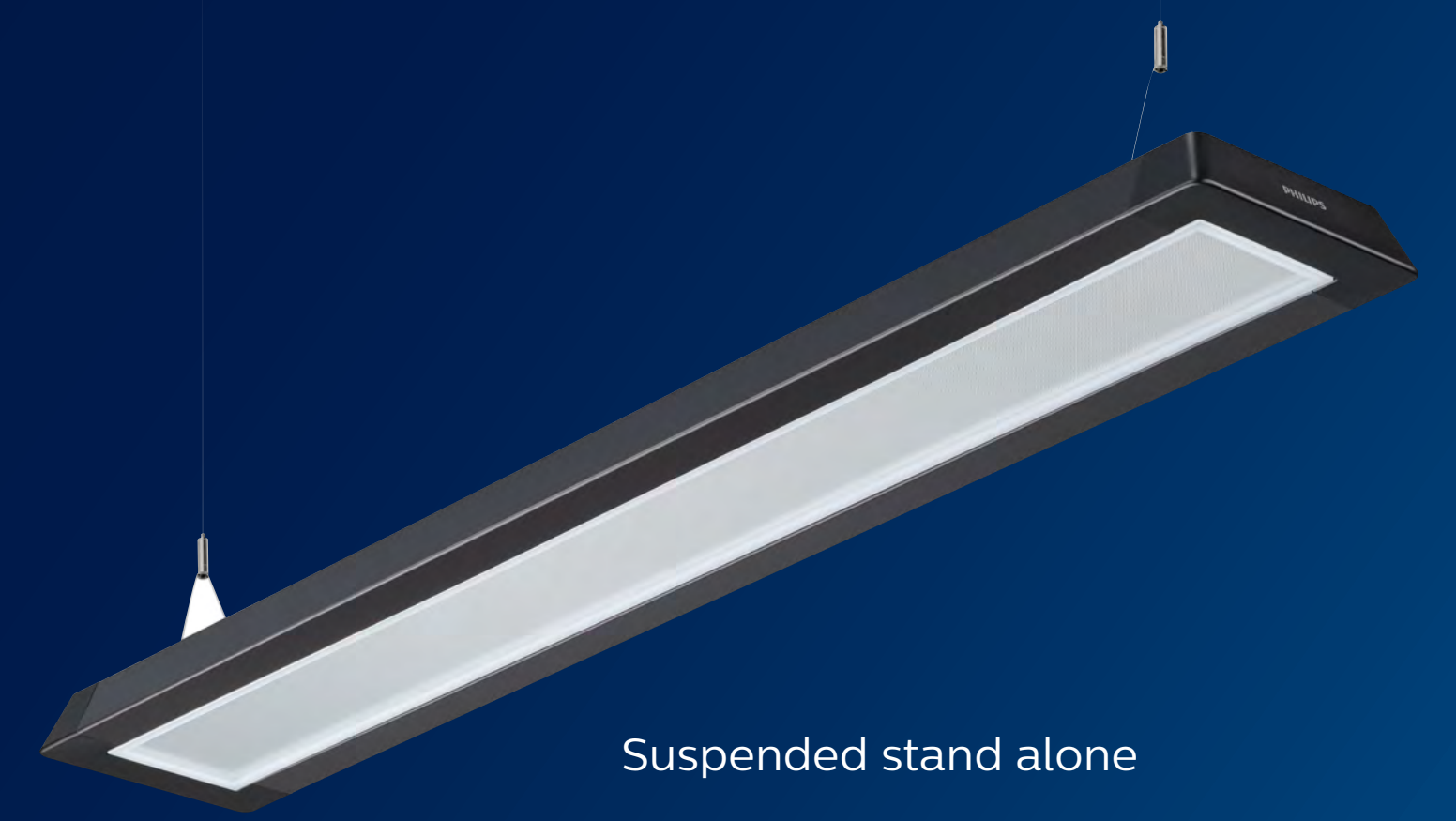
Specifications and options ›

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FlexBlend surface mounted
& FlexBlend suspended

Full application flexibility

FlexBlend is offered in both linear and as standalone, using the same lighting module. This gives the option to the users to use FlexBlend as standalone now, and tomorrow as lines.

Surface mounted stand alone

Suspended stand alone

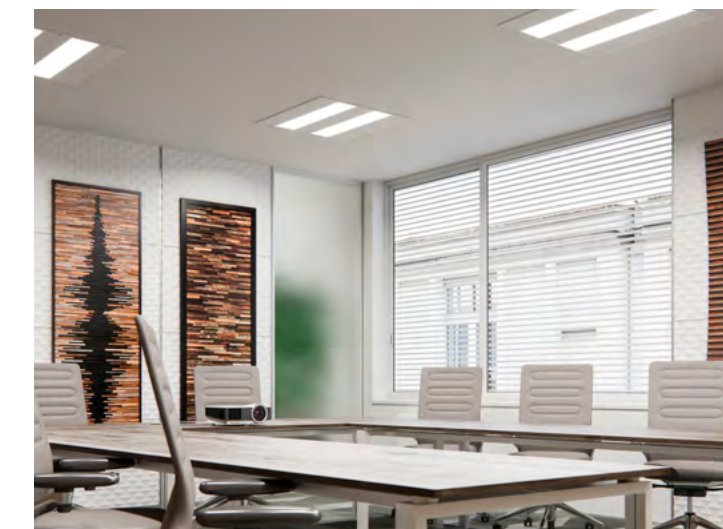Surface mounted lines

Suspended lines

Applications

FlexBlend is intended to used in office buildings, covering more areas.

Working areas, where Office compliancy is the key requirement

· Cell office
· Meeting rooms
· Offices with exposed ceilings
· Open space

Cell office

Meeting room

Offices with exposed ceiling

Open plan office

Non-Working areas, where the lighting design must fit in the building design

· Reception area
· Corridors
· Circulation area

Breakout and reception areas

Corridor and circulation areas

What to consider when selecting office lighting

In some respects, office lighting is working optimally when it's not noticed. This is when it provides consistent, high quality illumination of the office without causing discomfort or any annoying or undesirable effects. Here are some aspects of office lighting that ensure a healthy, enjoyable, comfortable, productive and even cost-efficient working environment.
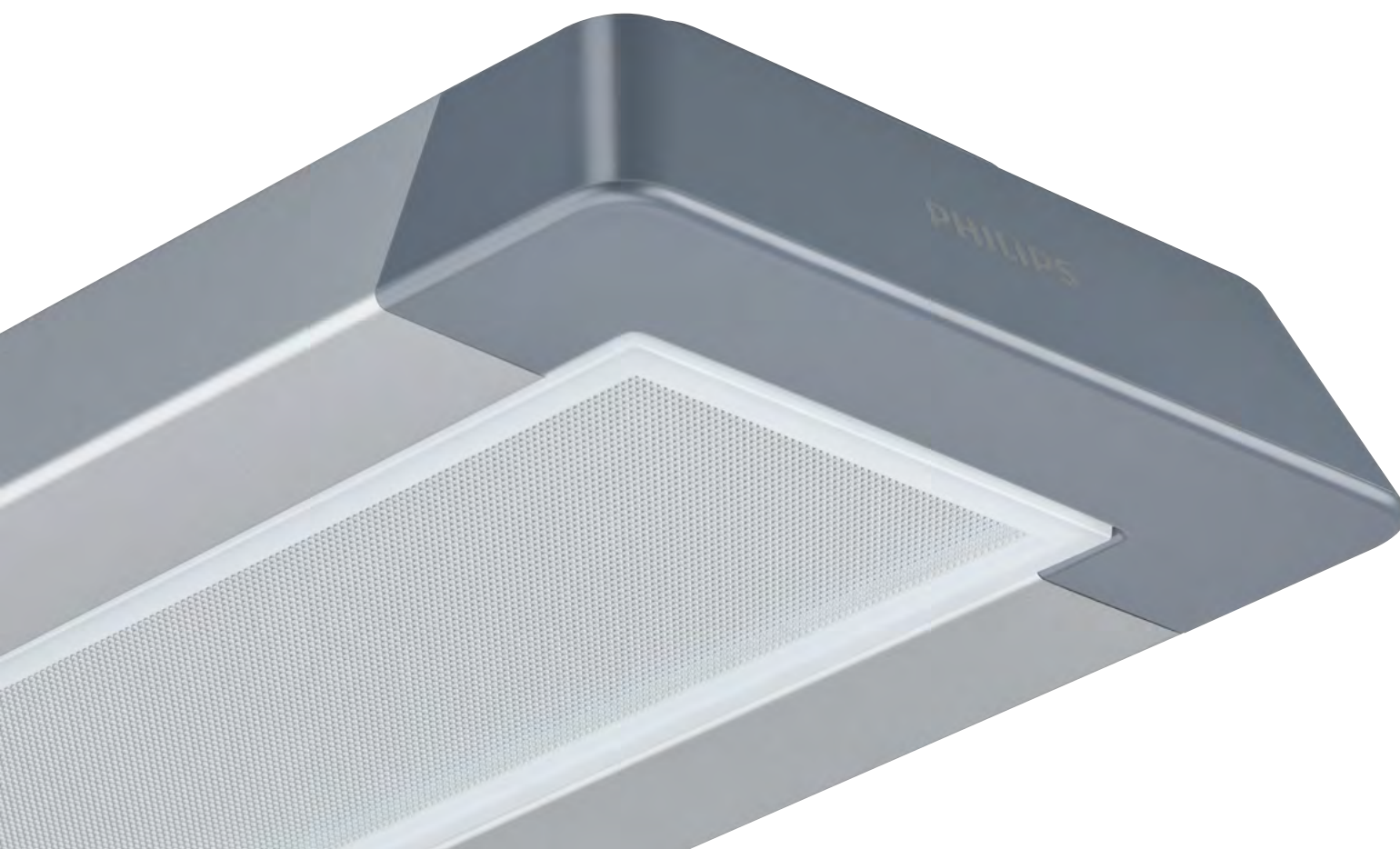

Constant Light Output through lifetime
Like all light sources, LED depreciates over time. When power is constant, luminaires will deliver less light at the end of their lifetime than at the start. Constant Light Output it involves dimming the light at the start (and using less power) and over time increasing the power to correct for the depreciation. The result is that over the full lifetime of the LED luminaire, its light output will remain constant, while energy consumption falls by up to 10%.

Eliminating all types of glare
The unwanted effects of overly bright light sources on desks, screens or working areas are all too commonly experienced. Office-compliant lighting is required to eliminate direct and indirect glare; elimination of overhead glare is more of a recommended feature.

Reducing flicker and stroboscopic effects
Flicker and stroboscopic effects are associated with a rapidly fluctuating light source. They may lead to undesired effects for office workers such as annoyance, fatigue, headache or reduced performance. By helping you select the right equipment and components to reduce current fluctuations, we can ensure that flicker and stroboscopic effects are kept within acceptable limits.

Create a smarter workplace with

Interact Office

Connected lighting can deliver up to 80% energy savings and streamlines operations through integration with other building systems. It can enable insights into building usage, to facilitate data-driven decisions. It can also allow employees to personalize the lighting to improve comfort, which ultimately can increase productivity.

FlexBlend supports different control and system options, and is also Interact Ready, which means it is compatible with Interact Office software applications.

Learn more ›

interact Office

SpaceWise

SpaceWise is a wirelessly controlled standalone lighting system. It offers light where you need it, when you need it and as much as you need. Integrated sensors maximize the energy savings by providing automated granular dimming in response to occupancy and daylight sensing.

Benefit from great energy savings and improved operational excellence when connecting FlexBlend to the SpaceWise lighting system.

Learn more ›

FlexBlend recessed

Lumen package:
2800/3600/4200 lm

Efficacy and optics:
Office-compliant PCS up to 144 lm/W
Office-compliant MLO up to 105 lm/W
Non Office-compliant O up to 126 lm/W

Color rendering & color temperature:
930 and 940
Saturated Red (R_9) >50

Emergency lighting:
ELB3 – only with PSU
ELP3 – not with PoE
ELD3 – only with SR/PSD
ELE3 – only with PoE
ELW3 – only for SRD

Certifications:
CE, ENEC, ENEC+
650 glow wire test for MLO
850 glow wire test for PCS/Opal

Housing height:
max 65–110mm (depends on size and connector)

Lifetime:
L80 50k hrs

Dimensions:
600x600mm
625x625mm
675x675mm
300x1200mm
310x1250mm
300x1350mm
150x1200mm
150x1250mm
150x1800mm
170x1250mm

Archetypes:
Square
Rectangular
Bandraster

Control systems:
Interact Office
SpaceWise
ActiLume
LiFi

Integrated sensor

Ceiling mounting type
Recessed (VPC/CPC/
PCV/BCV/ FLC)

Drivers
PSU
PSD
PoE
PSD-CLO
PSD-T
PSD-VLC

Read more about FlexBlend recessed on our online product catalogue.

Go to the e-cat ›

FlexBlend surface mounted

Lumen package:
For 1.2m variant: 2100/ 2800/ 3600/ 4000/ 4200 lm
For 1.5m variant: 2600/ 3500/ 4500/ 5000/ 5200 lm

Efficacy and optics:
Office-compliant PCS up to 140 lm/W
Office-compliant MLO up to 105 lm/W
Non Office-compliant O up to 126 lm/W

Color rendering & color temperature:
930 and 940
Saturated Red (R_9) >50

Emergency lighting:
ELB3 – only with PSU
ELP3 – not with PoE
ELD3 – only with SR/PSD
ELE1– only with PoE
ELE3 – only with PoE

Certifications:
CE, ENEC, ENEC+
650 glow wire test for MLO
850 glow wire test for PCS/Opal

Housing height:
73mm

Lifetime:
L80 50k hrs

Dimensions:
200X1200mm
200X1470mm

Archetypes:
Rectangular

Control systems:
Interact Office
SpaceWise
ActiLume

Integrated sensor

Ceiling mounting type
Concrete ceiling

Drivers
PSU
PSD
PSD-T
PSD-CLO
SRD
SRD-CLO
PoE

Read more about FlexBlend recessed on our online product catalogue.

Go to the e-cat ›

FlexBlend suspended

Lumen package:

For 1.2m variant Direct light: 2100/ 2800/ 3600/ 4000/ 4200 lm
For 1.5m varinat Direct light: 2600/ 3500/ 4500/ 5000/ 5200 lm
For 1.2m varinat Direct/ Indirect light: 2800/ 3600/ 4800/ 5200/ 5600 lm
For 1.5m varinat Direct/ Indirect light: 3500/ 4500/ 6000/ 6600/ 7000 lm

Efficacy and optics:

Office-compliant PCS up to 140 lm/W
Office-compliant MLO up to 105 lm/W
Non Office-compliant O up to 126 lm/W

Color rendering & color temperature:

930 and 940
Saturated Red (R_9) >50

Emergency lighting:

ELB3 – only with PSU
ELP3 – not with PoE
ELD3 – only with SR/PSD
ELE1– only with PoE
ELE3 – only with PoE

Certifications:

CE, ENEC, ENEC+
650 glow wire test for MLO
850 glow wire test for PCS/Opal

Housing height:

73mm

Lifetime:

L80 50k hrs

Dimensions:

200X1200mm
200X1470mm

Archetypes:

Rectangular

Control systems:

Interact Office
SpaceWise
ActiLume

Integrated sensor

Drivers
GePSU
PSD
PSD–T
PSD–CLO
SRD
SRD–CLO
PoE

Ceiling mounting type
Concrete and T–bar ceiling

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