

**PHILIPS**

TrueLine

Luminaires



**Seamless office  
lighting**  
that looks as great as it feels

# Lighting future spaces

Today, we demand more and more from our workspaces. When we work, we want to do so in well-lit spaces that help us to be productive without tiring us out. Spaces that are stylish and beautiful, yet free from distractions. Lit in ways that make us feel just right – even enhancing our well-being and comfort.

Philips TrueLine luminaires are designed to meet these ever-changing demands. Today and tomorrow. The latest evolution of our tried-and-tested office luminaires enable infinite lighting possibilities by offering a broad range of ready to order and engineered to order options. Empowering you to transform any office into a space that looks as great as it feels.



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# Let there be light

## Feel well, work well

The lighting in spaces where we work, study, and relax needs to be fine-tuned to our needs. Circadian lighting can be set to mimic the natural sequence of daylight, which means the lighting works in harmony with our body's natural circadian rhythms. Thanks to these human-centric technologies, Philips TrueLine luminaires can be used to create great places to work.

PHILIPS



**Human-centric lighting  
solution that can be  
personalized by creating  
preset scenes**

### **Lighting for well-being**

Our bodies are tuned to natural cycles of sunlight. We wake at dawn, work in daylight and wind down at dusk. In order to optimize the spaces where we work, study and relax, the lighting needs to mimic this natural cycle – harmonizing light levels to work in sync with our body's natural circadian rhythms. Philips TrueLine luminaires are dimmable, tunable and controllable. A human-centric lighting solution that can also be personalized by creating preset scenes optimized to suit any task or time of day.

TrueLine luminaires can be programmed to mimic the patterns of natural daylight by dynamically adjusting color temperatures and brightness levels to optimize visual comfort. A combination of presets can also be used to create an instant ambience for any room you require. You can also change the light intensity and correlated color temperature (CCT) from warm white (2700K) to cool white (6500K). All while minimizing flicker and strobe as well as reducing glare.

### **Designed for a circular economy**

Our next-generation TrueLine luminaires are designed to be as good for the planet as they are for people. Not only do they offer high efficacy over a long and reliable lifetime, they're also designed for complete serviceability and future upgrades. With full support for integrating them into your connected system, helping you benefit from leading energy efficiency from day one until the end of the luminaire's lifecycle – when it can be fully recycled.



- office compliant
- non-office compliant
- asymmetrical version

# Experience the TrueLine benefits

By mixing and matching direct and indirect lighting with seamless lines of light, Philips TrueLine luminaires allow you to design endless lighting combinations to enhance each and every workspace.

## Seamless solutions

Thanks to new product lengths of 0.6, 2.4 and 3 meters, Philips TrueLine luminaires can create even longer lines of beautiful light. New L-corners\* seamlessly accommodate any twists and turns in your lighting plan, while various mounting options ensure TrueLine is suitable for many surfaces, from simple plaster to complex bandraister ceilings. This opens up a world of aesthetic and practical possibilities – all with a design uniformity that creates a cohesive look and feel. Including solutions designed to comply with industry norms for office lighting.

## Connect and control with Interact Office

Interact connected lighting systems make it easier than ever to enjoy the benefits of smart lighting. It's a cost-efficient and wireless solution for every step of your smart lighting journey: starting with just lights and an app, then gaining more benefits with the simple addition of a

gateway, or scaling up to a complete system. It's also possible to upgrade your system at a late date if your requirements change, without the need to replace light points. Our Philips TrueLine luminaires work seamlessly with the Interact connected lighting software and platform.

## Designed to perform

Whichever TrueLine luminaire you choose, you'll always have the same optical exit window, which enables you to create uniform lighting throughout the building. A long product lifetime and an excellent energy-to-light ratio of up to >145 lm/W makes this range a great choice for long-term savings. With a light output that ranges from 1550 lm to 7700 lm for single lengths, or from 3000 lm up to 11000 lm for double lengths, you'll always find the best configuration for every area in your building.



Office lighting  
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TrueLine  
.....  
Benefits  
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## Why TrueLine?

- Illuminate work areas that require office-compliant lighting, as well as circulation areas
- Create wall-washing effects that are ideal for educational spaces e.g. where chalkboards need to be illuminated
- Use as a stand-alone or in continuous lines
- Direct and indirect light from one suspended luminaire
- Slim, elegant design
- Excellent energy efficiency (147 lm/W)
- Benefit from Tunable White light while complying with Office norms
- Available in single (0.6 m, 1.2 m and 1.5 m) and double (2.4 m and 3 m) lengths
- Choice of colors: aluminum, white and black
- L-corners\* enable freedom in design options

\* L-corners to be integrated in the standard offer soon. Offered on special request for now.



“The continuous line of light creates an inviting atmosphere in our reception area.”

# Beyond illumination

TrueLine family can deliver optimal light while transforming the environment in modern offices; enhancing the architecture and promoting well-being through smart connectivity.

## Endless lighting possibilities

With smart additions like L-shaped corners and multiple lengths, the latest TrueLine luminaires open up endless lighting design possibilities. Its clean silhouette makes it a versatile option, allowing you to both install separate segments and connect the luminaires in seamless lines of light. Additionally, you may choose from a range of different color temperatures and intensities of light. No matter what specifications and setup you require, Trueline will remain a consistently stylish and practical feature throughout your offices

- In non-working areas like corridors or waiting areas, the TrueLine concept focuses on creating crisp light lines while providing a soft and uniform lighting ambience, enhancing the building’s architectural concept.
- In working areas, the luminaires deliver office-compliant lighting and a more tranquil environment. The unobtrusive, clean design of the light lines can still complement the interior architecture and create a clear relationship with the overall design of the space.
- Thanks to the asymmetric optic, TrueLine can be used to create wall-washing lighting effects, making it ideal for educational spaces, non-working areas and meeting rooms.
- Depending on the office setting, you can choose between a modern aluminum finish, a fresh white look or black. All mounted in one of three different ways to suit the architectural space – recessed, surface-mounted or suspended.



# Mounting styles for every space

TrueLine offers complementary mounting options for different areas in office buildings.



## **TrueLine suspended**

The models are suspended from the ceiling, closer to the line of sight, giving them a more distinct presence in the room as an obvious source of light that people can interact with. They can also be used to project indirect light via the ceiling.

## **TrueLine surface-mounted**

The surface-mounted model is mounted directly to the ceiling. As the luminaires' sleek housing is visible – in an aluminum or white finish – they can become architectural elements in the overall design of the space.

## **TrueLine recessed**

The recessed model is the most inconspicuous, as it truly becomes part of the ceiling, flush with the horizontal plane. The luminaires housing is almost invisible, so that they create a clean line of light, while subtly accentuating the building's architecture.





# interact



Office lighting  
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**Interact**  
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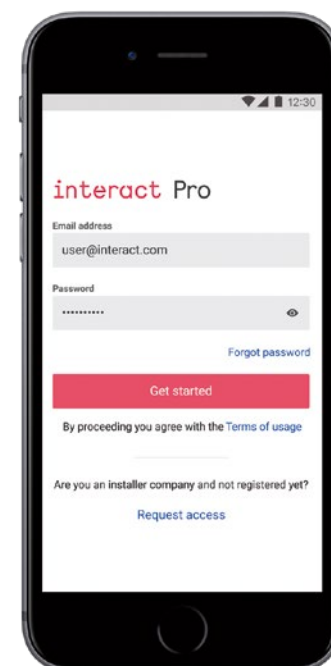
## Sustainable smart office

Connected lighting systems create an infrastructure that can provide high-quality, reliable illumination and a smart, high-bandwidth communications platform. One that will deliver extraordinary value beyond illumination.

Using embedded IoT sensors and Interact software, you can collect information from your lighting that will offer deeper insights into the way a building is used. From presence detection to see when and where people prefer to work, to daylight harvesting that could enable you to make valuable energy savings. Insights that you can use to optimize spaces, increase building efficiency, and create a more sustainable, smarter office.

## Now that's smart

We've already seen that TrueLine is a smart way to improve well-being, efficiency and office design. But what about productivity? With Interact at the heart of your installation, TrueLine can also turn any office into a smart office.



To discover more about the world of connected offices, go to [www.interact-lighting.com/global/what-is-possible/interact-office](http://www.interact-lighting.com/global/what-is-possible/interact-office)

### Imagine the possibilities

Interact software brings together connected lighting systems and the data they collect so you can benefit from:

#### Lighting management

Optimize lighting with a dashboard of data insights that give you full control of your office lighting – from one building to an entire property portfolio.

#### Energy optimization

Gain an in-depth understanding of lighting energy use to improve efficiency and reduce costs.

#### Scene management

Improve comfort and well-being by setting light schedules or dimming programs to deliver the right light at the right time.

#### Space management

Capture and analyze occupancy data to see how spaces are used and help to lower real estate costs.

#### Indoor navigation

Help people find open workspaces and available meeting rooms with real-time occupancy and hyper-accurate indoor navigation.

#### Bio-adaptive lighting

Energize staff and enhance performance with different levels of light intensity and color temperatures to support circadian rhythms.

#### Environmental monitoring

Optimize well-being and comfort with remote monitoring and management of lighting, temperature, relative humidity and noise levels.

#### Lighting asset management

Use remote diagnostics for planned preventative or swift reactive maintenance and install automatic firmware and software updates.

# Philips TrueLine meets the five criteria of lighting for circularity

**Energy efficiency and extended lifetime**

- High-efficacy light engine with luminous efficacy of up to 147 lm/W
- OptiSuit™ lenses provide optimal light distribution, hence reducing the number of luminaires and overall installed power
- Long lifetime of up to 50,000 hours (reduces the need to replace luminaires or components)

**Connectable**

- Serviceable drivers and sensors connect TrueLine to different IoT systems
- Enabling features such as workspace and space management

**Upgradable**

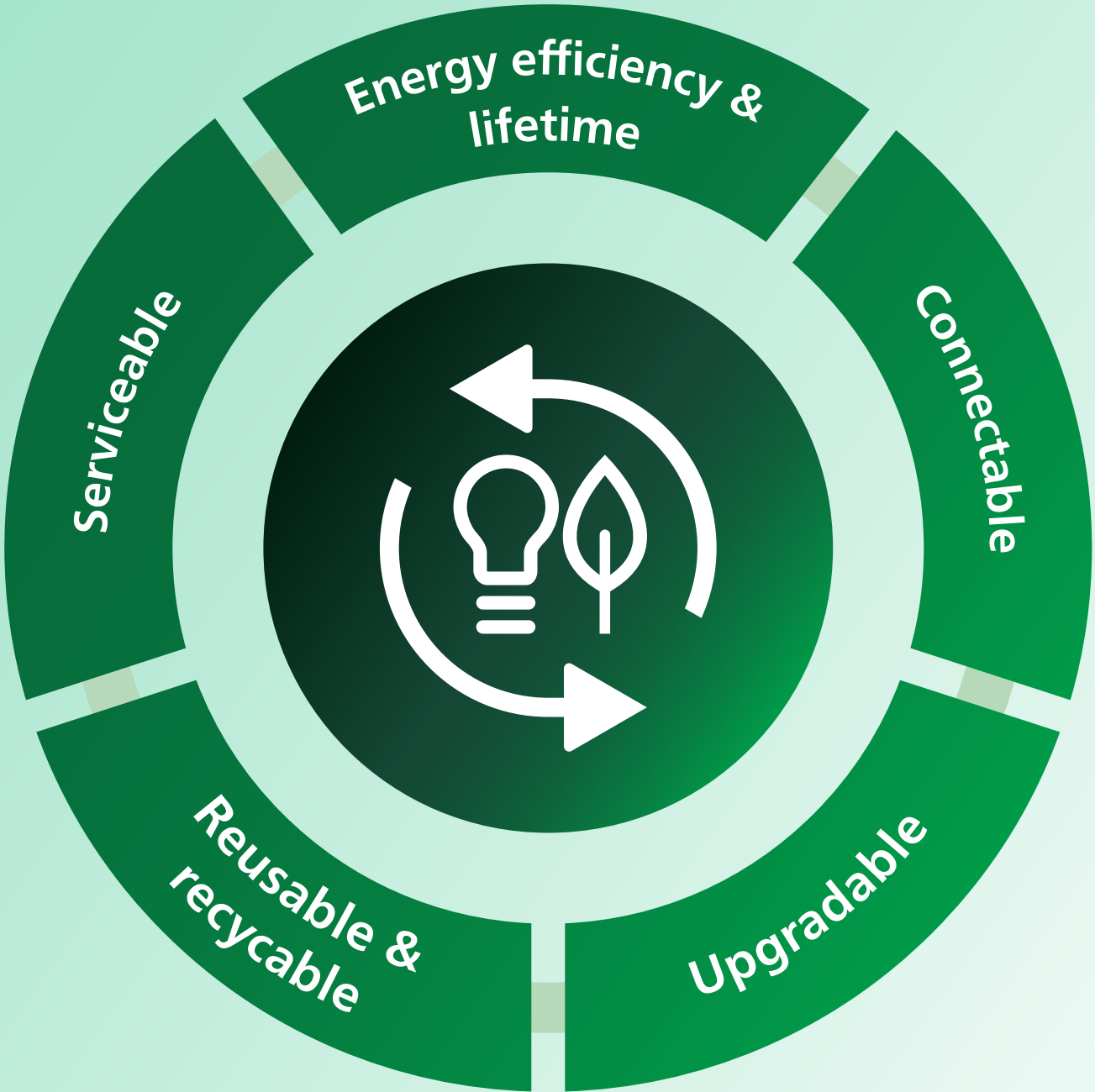
- Flexible system
- Simply add new luminaires, drivers, or sensors to upgrade specific functions or the entire system

**Reusable and recyclable**

- Designed for lowest weight and lowest volume to limit transportation CO<sub>2</sub> emissions
- Easy to dismantle
- No glue, no potted drivers

**Serviceable**

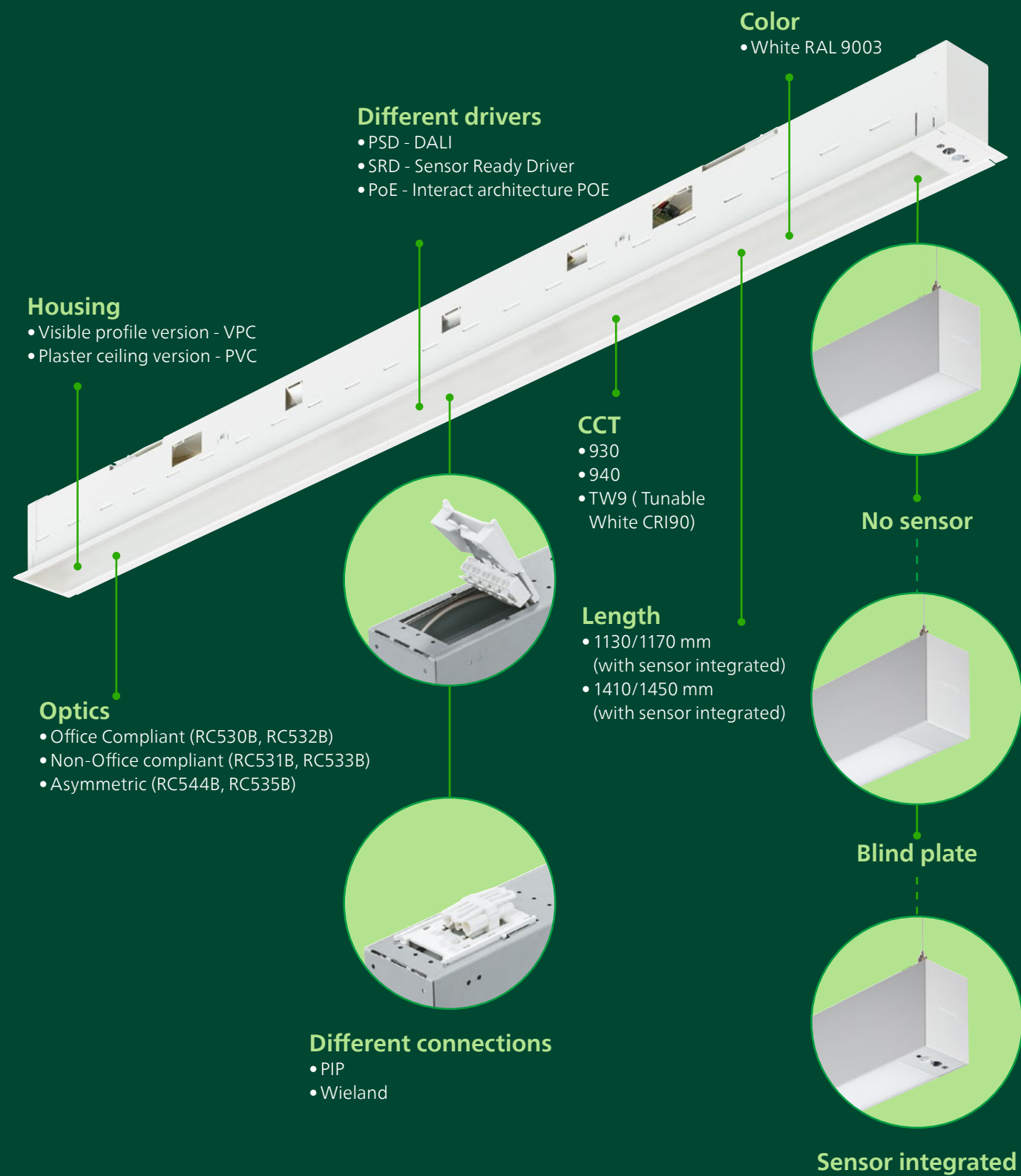
- Easy to install, service, maintain, repair and replace thanks to the Service tag QR-based identification system
- Each luminaire and driver uniquely identifiable



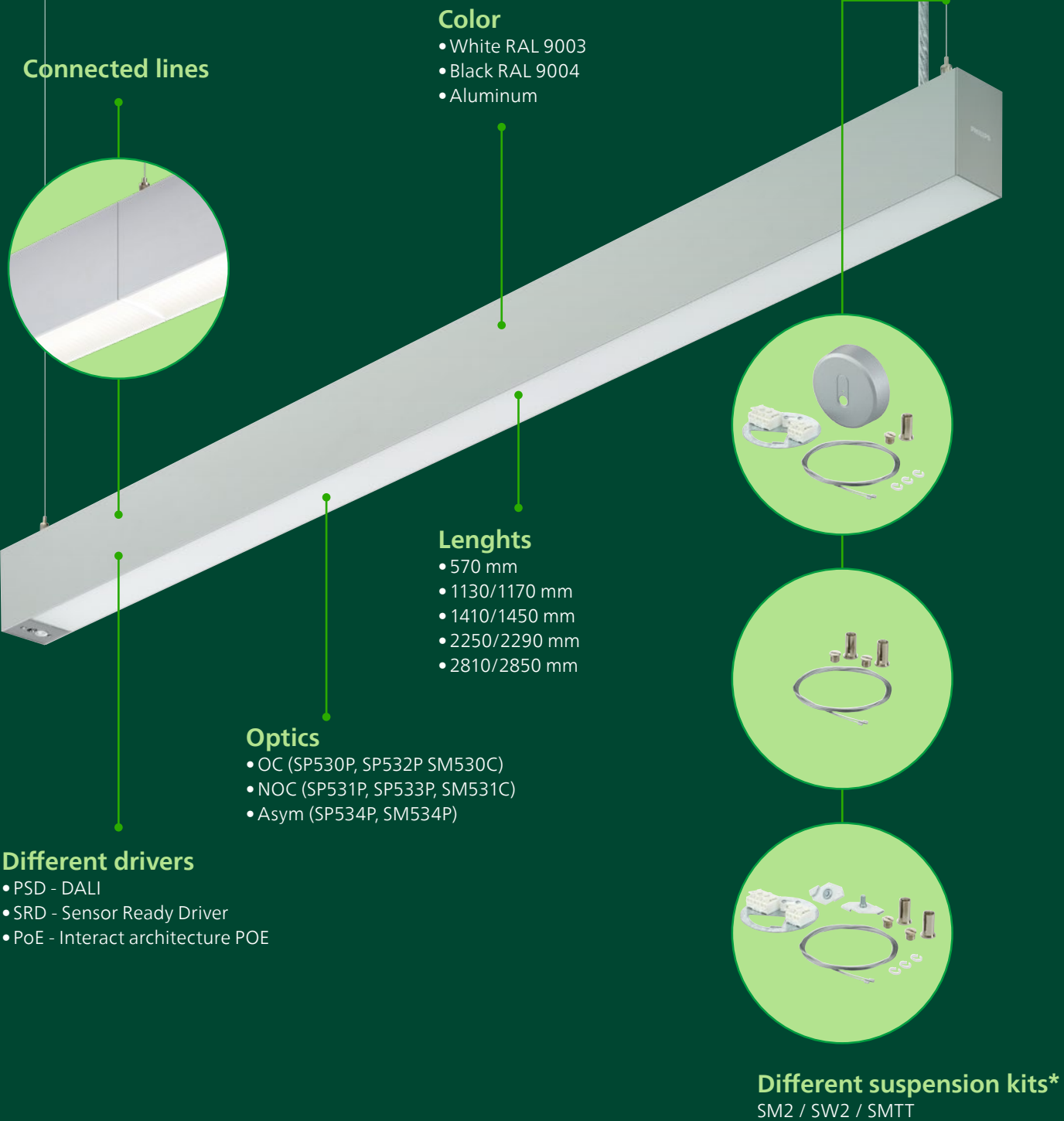


# Specifications

## TrueLine recessed



## TrueLine suspended and surface-mounted





# Lighting design plans

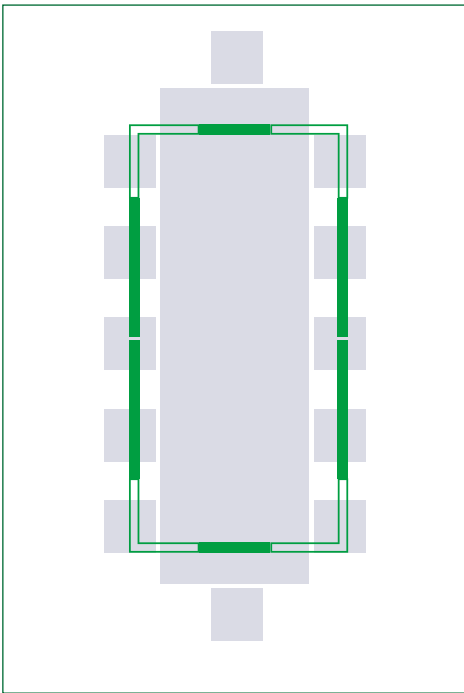


## Meeting room

Suspended direct/indirect office compliant

Meetings rooms need both focus on the tables, but also focus on the screen where the actual presentation takes place. By combining a general lighting installation with direct and direct light we can create scenes, both the space and the screen are properly lit.

Ceiling height	3.5 m
Mounting height	2.4 m
Reflection factors (ceiling/wall/floor)	70% / 50% / 20%
Maintenance factor	0.8
Task area - E <sup>m</sup>	801 lux
Task area - U <sup>o</sup>	0.79
Surrounding area - E <sup>m</sup>	525 lux
Surrounding area - U <sup>o</sup>	0.48
TrueLine suspended direct/indirect	SP532P LED21S/940 PSD

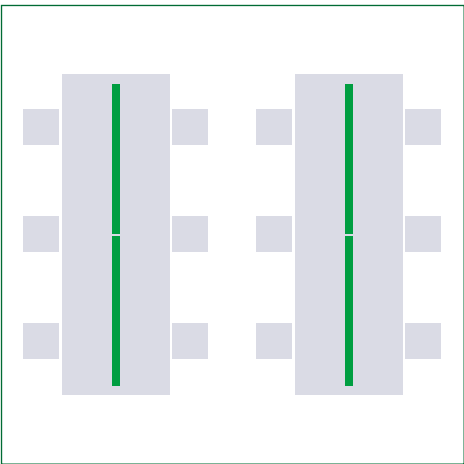


## Open office

Suspended direct/indirect office compliant

By using TrueLine luminaires, which are in line with the interior, a more coherent space can be created using subtle lines of light. A combination of direct and indirect light can create an atmosphere in which there is sufficient focus on the individual desk islands, while also creating a bright and open space.

Ceiling height	3.5 m
Mounting height	2.5 m
Reflection factors (ceiling/wall/floor)	70% / 50% / 20%
Maintenance factor	0.8
Task area - E <sup>m</sup>	715 lux
Task area - U <sup>o</sup>	0.60
Surrounding area E <sup>m</sup>	400 lux
Surrounding area U <sup>o</sup>	0.40
TrueLine suspended direct/indirect	SP532P LED47S/940 PSD



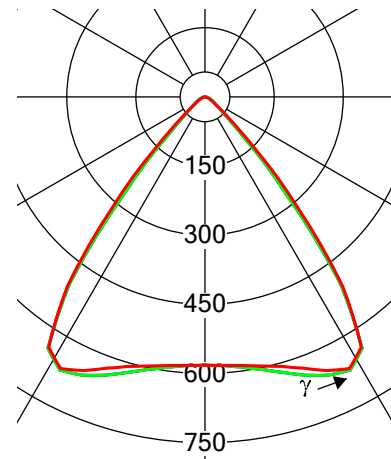


# Photometric details

Polar intensity diagrams (cd/klm)

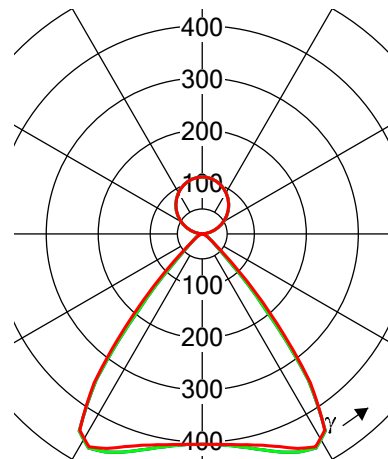
## TrueLine

Office compliant



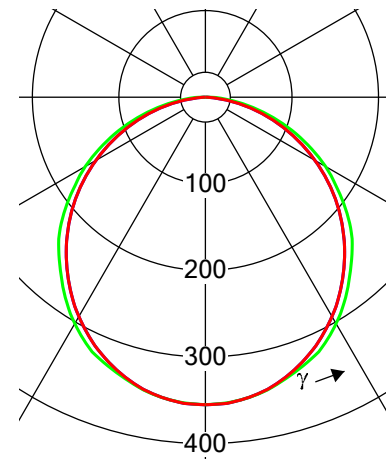
direct

Office compliant



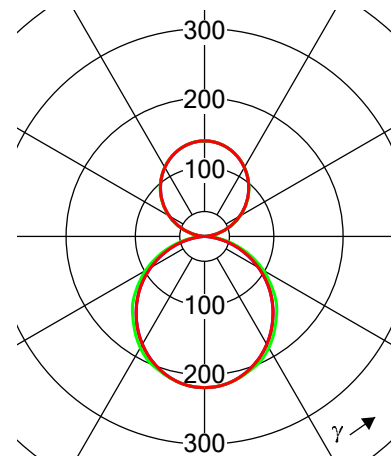
direct / indirect

Non-office compliant



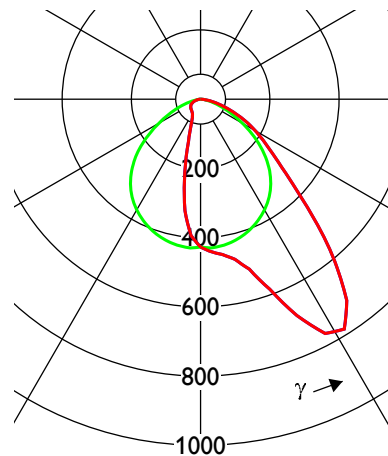
direct

Non-office compliant



direct / indirect

Asymmetrical

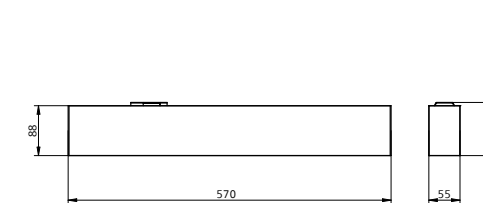


# Dimensional drawings

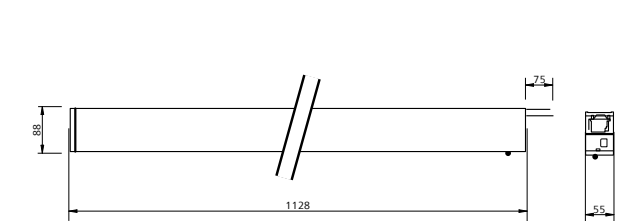
Office lighting  
TrueLine  
Specifications

## Lengths

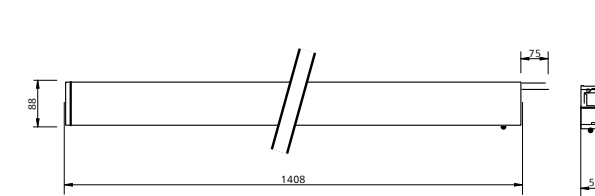
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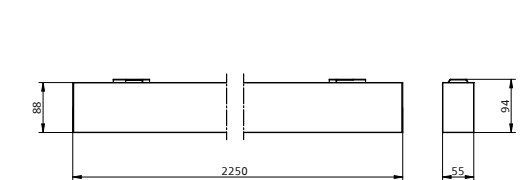
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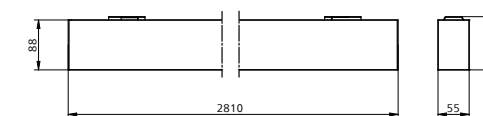
5FT



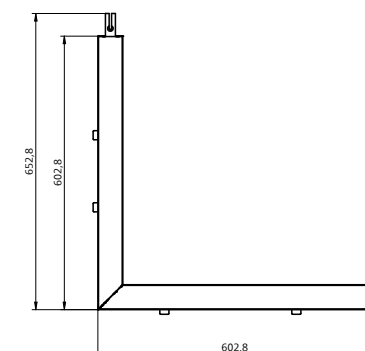
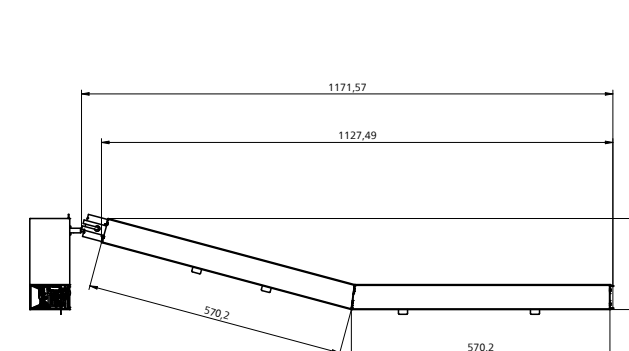
8FT



10FT

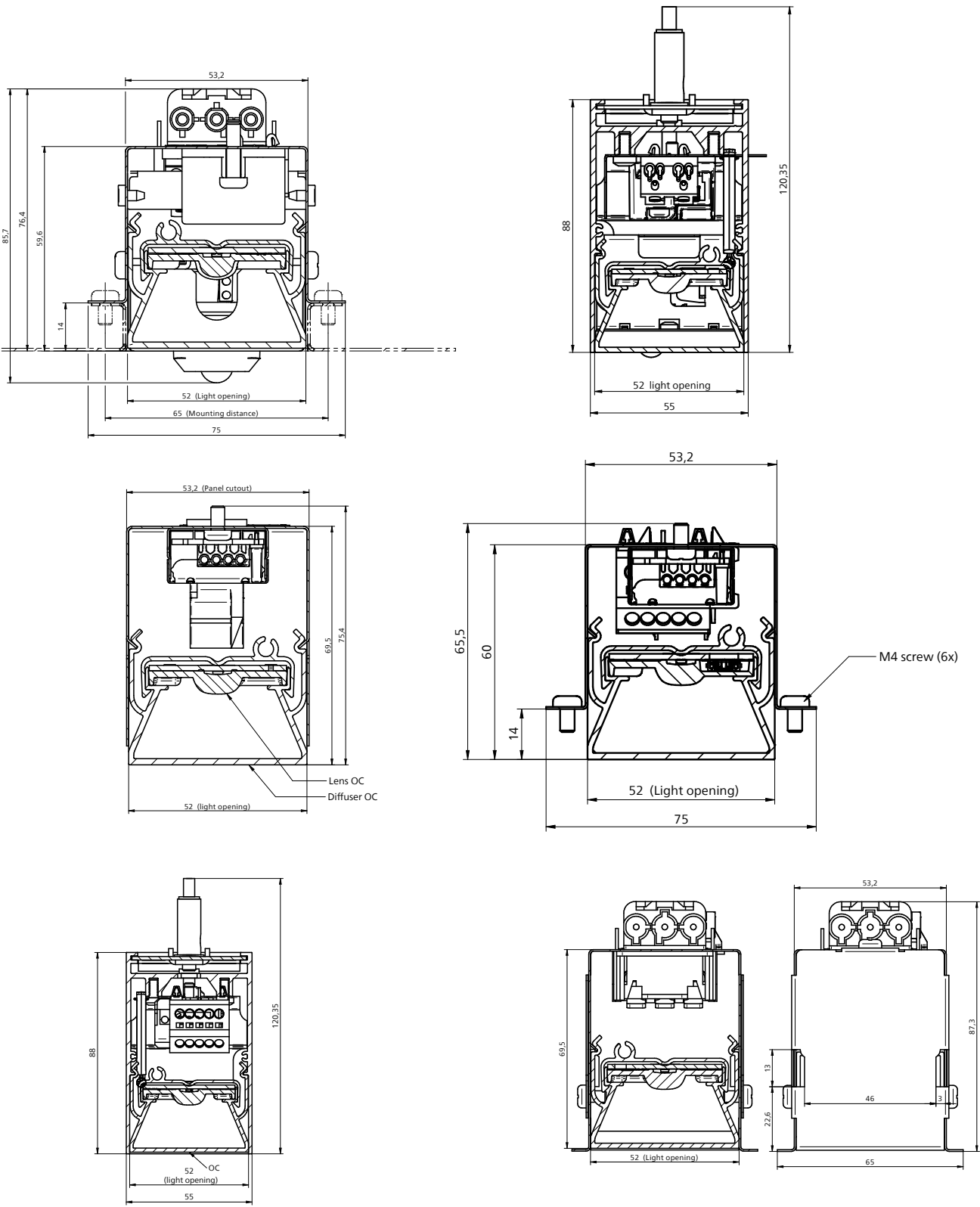


## Different shapes

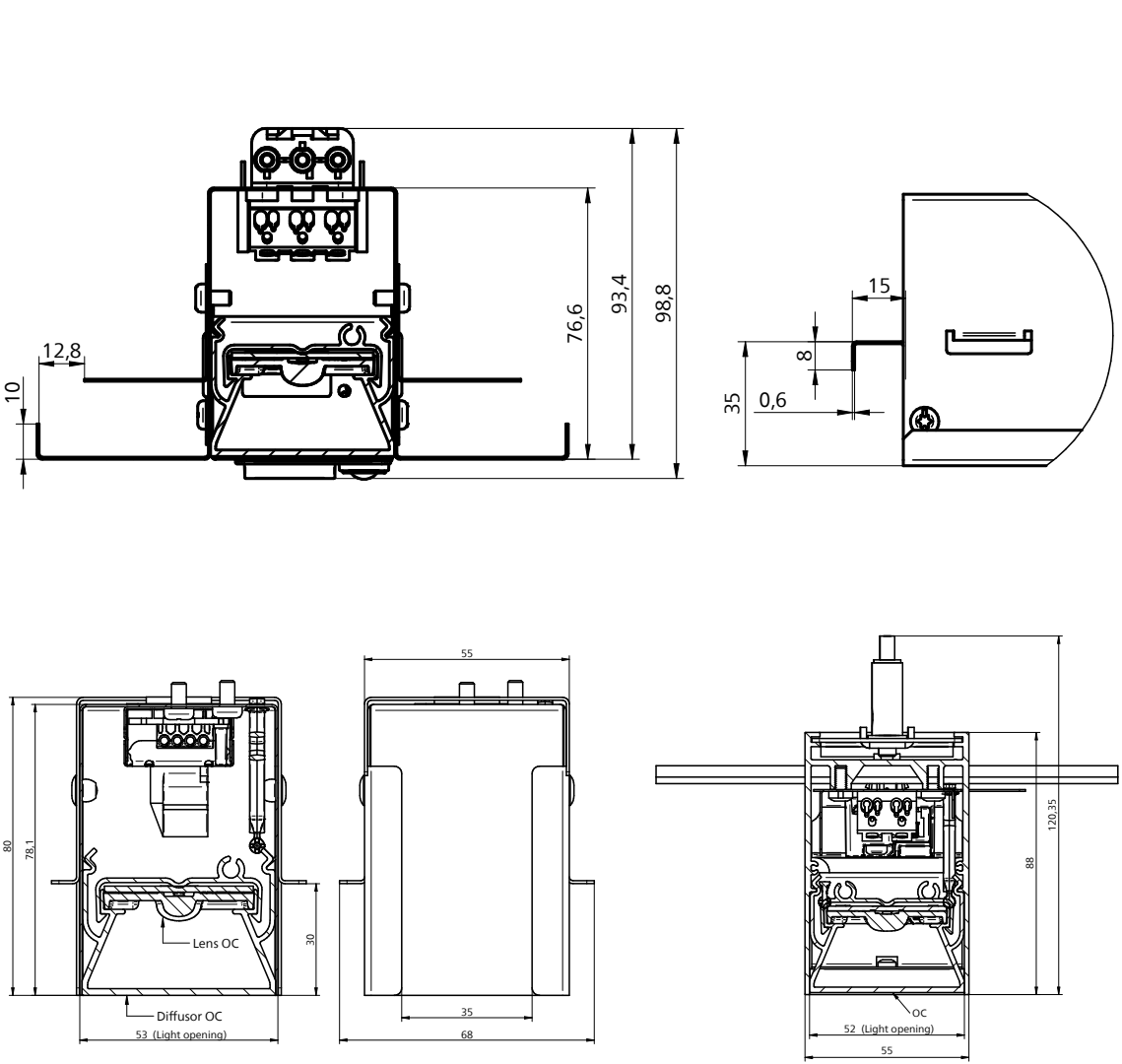




Non-standard ceiling mounting



Non-standard ceiling mounting



# Support throughout the entire project lifecycle

Philips TrueLine luminaires are brought by Signify. We've been designing and delivering lighting installations for more than 120 years, so one thing you can bank on is peace of mind. Learn more about our pre and post installation services and choose the support package you need.

Office lighting
TrueLine
Your full service partner



## Professional services: pre installation

We offer help at the planning stage through our unique professional services approach – by doing an initial audit and recommending a design solution to ensure best outcomes.

### Audit

#### On-site data collection and data analysis

We make recommendations for improving performance, with a clear base line, and ensure you receive the most up-to-date information on the lighting installation

- Lead
- Scope
- Data collection
- Data analysis

### Consulting

#### Solution design arising out of data analysis

We come up with the most cost-effective design, incorporating data from the field, and implement the design according to your precise specifications

- Solution design
- Business case
- Solution implementation
- Sign off



## Lifecycle services: post installation

And post installation we offer a menu of options to choose from, with three packages, from Essential to Premium and Premium+ depending on your needs.

### Essential Package

#### Protecting your investment

- Help desk and service ticketing
- Preventive maintenance via field support
- Corrective maintenance via remote call support
- Spare parts and additional services at discounted prices

### Premium Package

#### Ensuring hassle-free and budgeted operation

- Everything in the Essential Package
- Comprehensive maintenance via trained service engineers for on-site service activities
- Spare-part kit and replacement for failures

### Premium+ Package

#### Optimize performance and meet your business objectives

- Everything in the Premium Package
- Documentation and project information in a customer portal
- Ongoing user training



