

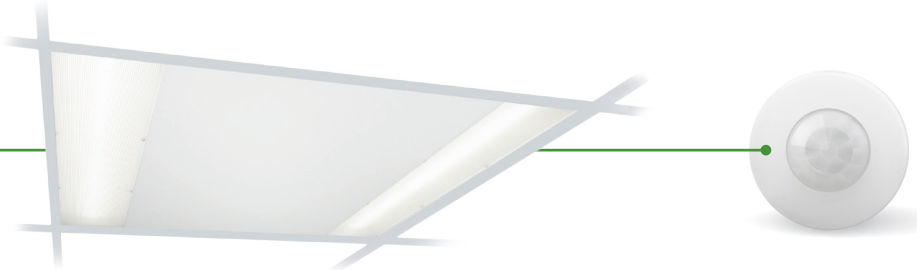
**PHILIPS**

Application bundles



# Office

Combine an LED luminaire with an intelligent control for maximum performance and savings



**Your Office application bundle:**  
CoreLine Recessed LED34S & Presence detector LRM1011

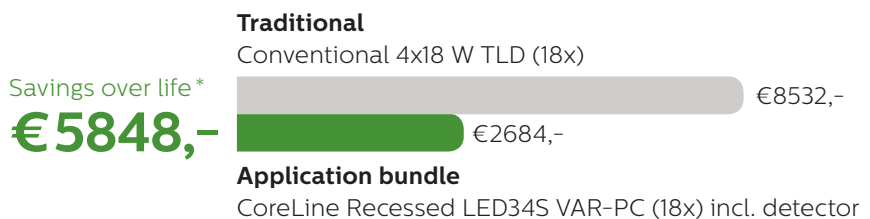
## Office lighting insights

When you arrive at the office, you know what you'll be working on and who you'll be working with. And you want to be at your best.

In an office workspace, lighting can help people to concentrate, communicate and cooperate. The right light will create a healthy, comfortable and inspiring environment. Philips office lighting solutions meet all European norms for this application, and can reduce energy costs by up to 65% when combined with smart controls.



More info:  
[www.philips.com/applicationbundles](http://www.philips.com/applicationbundles)



\*Based on the European average of 12 cent/kW hours (including maintenance and lamp replacement cost) and the lighting design for this application bundle.

## Bundle benefits

### CoreLine Recessed LED34S VAR-PC



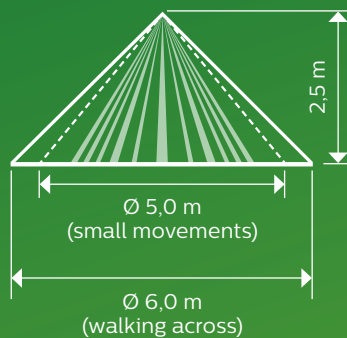
- Replacing conventional TL-D & TL-5
- Energy saving
- UGR < 19

### Presence detector LRM1011



- Automatic switches off light when not required
- Small, unobtrusive sensor

### Detection coverage diagram



## Bundle specifications

### CoreLine Recessed LED34S VAR-PC

Type	RC120B LED34S/830 PSD W60L60 VAR-PC
	RC120B LED34S/840 PSD W60L60 VAR-PC
Power	35,5 W
Luminous Flux	3400 lm
Color temperature	3000 K, 4000 K
Color Render Index	≥ 80
Lifetime	50,000 hours
Number of luminaires on MCB 16A type B	≤ 24
Ordering (EOC) code	26656300 3000 K
	26648800 4000 K

### Presence detector LRM1011

Detecting range at 2 - 5 m height	Ø 6 - 11 m
Recommended mounting height	2 m - 5 m
Switch off delay	10 sec. - 30 min. in 6 steps
Number of luminaires on one control	≤ 15
Ordering (EOC) code	44209800

## Lighting design insights

### Display reflections

Minimize reflected glare on displays by using luminaires with proper office light distribution and a low glare ratio (UGR ≤ 19).

### Illuminance requirements

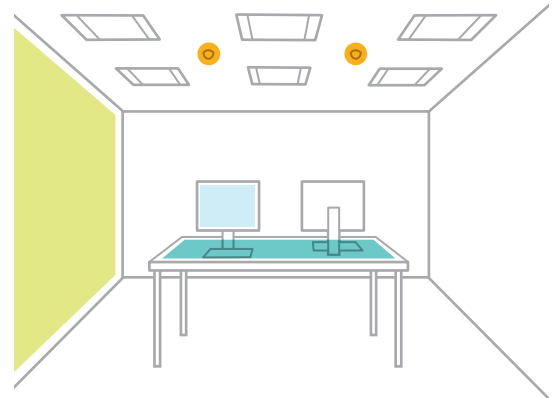
EN12464-1 requirement at desk ≥ 500 lux. Higher levels increase visibility.

### Controls

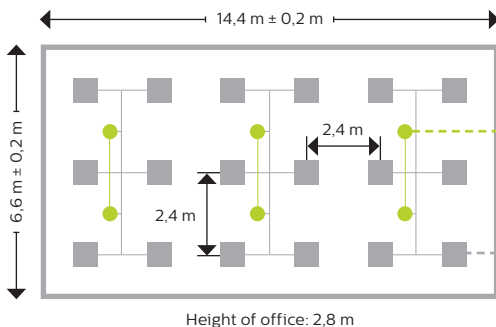
Controls are located above desks to create optimum effect for presence detection.

### Brightness

Create bright walls and ceilings by using wide light beams. This will make the entire space look more spacious and pleasant.



## Lighting design office



### Luminaire types

Conventional 4xTLD 18 W

CoreLine Recessed LED34S VAR-PC

# Lum.	Em [lux]	Sys. Power	Installed Power	W/m2	W/m2/100lux
18	539	69,5 W	1251 W	13,2	2,4
18	515	35,5 W	639 W	6,7	1,2