Office

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

Up to 65% energy 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.

Traditional
Conventional 4x18 W TLD (18x)

Savings over life *
€5848,-

€2684,-

€8532,-

Application bundle
CoreLine Recessed LED34S VAR-PC (18x) incl. detector

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

More info:
www.philips.com/applicationbundles
Bundle benefits

CoreLine Recessed LED34S VAR-PC

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

Presence detector LRM1011

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

Detection coverage diagram

 Ø 5,0 m (small movements)
 Ø 6,0 m (walking across)

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).

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.

Table: Luminaire types

<table>
<thead>
<tr>
<th>Luminaire types</th>
<th># Lum.</th>
<th>Em [lux]</th>
<th>Sys. Power</th>
<th>Installed Power</th>
<th>W/m2</th>
<th>W/m2/100lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional 4xTLD 18 W</td>
<td>18</td>
<td>539</td>
<td>69,5 W</td>
<td>1251 W</td>
<td>6,7</td>
<td>1,2</td>
</tr>
<tr>
<td>CoreLine Recessed LED34S VAR-PC</td>
<td>18</td>
<td>515</td>
<td>35,5 W</td>
<td>639 W</td>
<td>6,7</td>
<td>1,2</td>
</tr>
</tbody>
</table>

Lighting design office

- Height of office: 2,8 m