

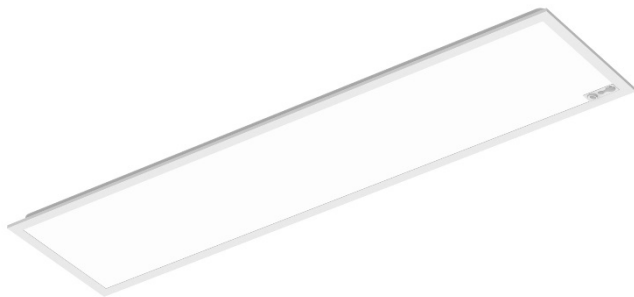
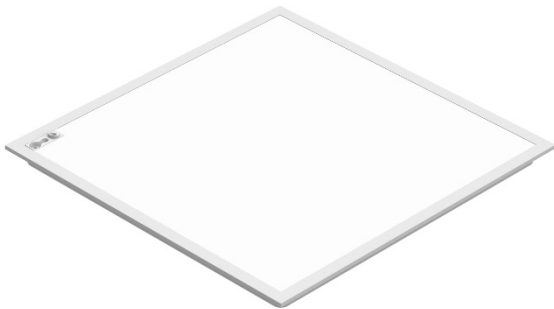
SpaceWise LED Backlit Panel Light with Built-In Sensor

The Cyanlite SpaceWise LED backlit panel light is the ideal solution for flexible, energy-efficient LED lighting for workspaces. It combines Philips Xitanium SR LED driver and EasyAir wireless sensor SNS210. An intuitive Philips Field Apps on Android smartphone allows up to 40 of the luminaires to be grouped together and makes the overall configuration and commissioning during and after installation fast and easy. Wireless wall switch can be connected for manual scene control also.

The backlit panel ensures lights is only on when and where it is needed via the integrated device of occupancy sensing, daylight harvesting and task tuning. The product comes in a family of slim square and rectangular – recessed, suspended and surface mounted with extra mounting kit – that can be used for all office areas and similar applications in schools and hospitals.



Product Family



Features

- Save up to 70% energy with embedded sensors
- Automatic dimming to cut costs
- Provide visual comfort by set lighting levels
- Easy to install and flexible to reconfigure for office layout changes
- 5 years warranty

Applications

- Conference rooms
- Individual offices
- Open offices
- Hospitals
- Classrooms
- Break-out rooms
- Corridors
- Lobby



Detailed Components



LED backlite panel



SR certified driver



wireless sensor SNS210



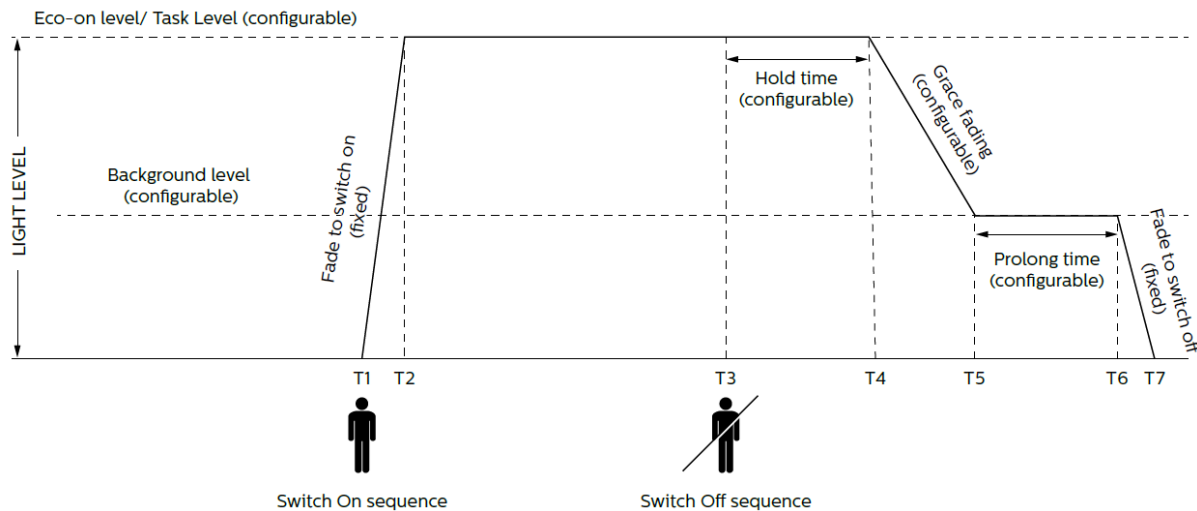
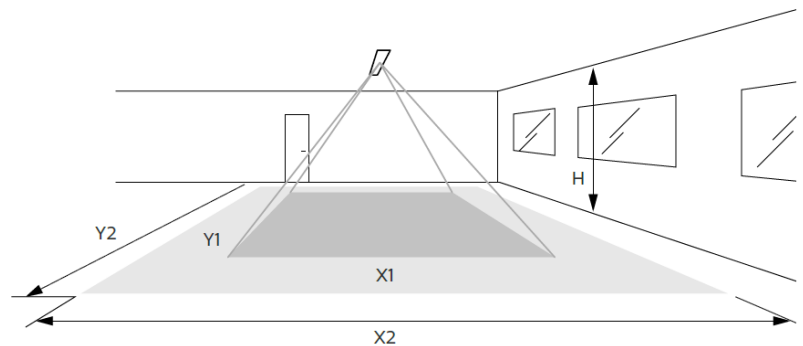
wireless switch UID8460

Occupancy Sensing

The detection area for the movement sensor can be roughly divided into 2 part

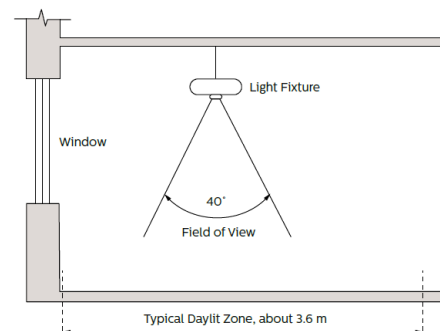
- Minor movement (person moving ≤ 0.9 m/s).
- Major movement (person moving ≥ 0.9 m/s)..

Height	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
2.4 m	2.9 m	2.7 m	4.5 m	2.9 m
3 m	3.6 m	3.4 m	5.4 m	3.6 m

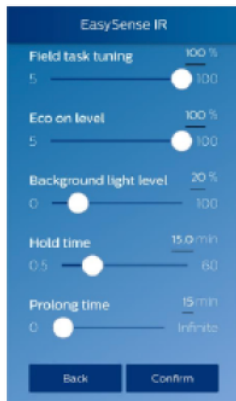


Daylight Sensing

- The light sensor measures the total amount of light in a circular field of $\approx 80\%$ of the PIR detection area.
- Minimum distance from the window ≥ 0.6 m.
- Prevent light reflections outside entering the sensor to avoid incorrect light regulation.



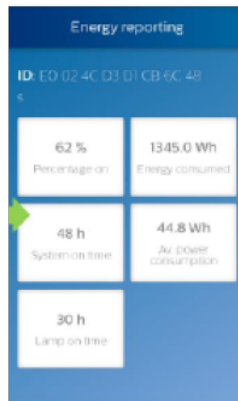
Field configuration with Philips Field Apps



Configuring sensor parameters via Infrared and NFC



Commissioning groups of sensors



Read-out of energy data and burning hours



Download Philips Field Apps for free from Google

[Register for an account here](#)

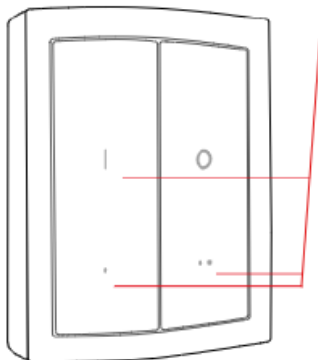
[Download the list of recommended phones here](#)

[Download the user manual here](#)

Default Factory Settings

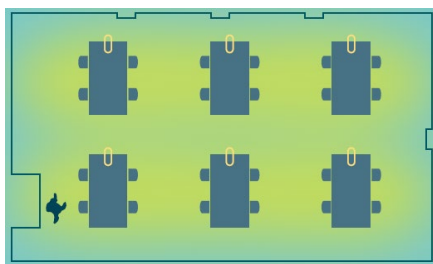
Occupancy Based Control	Auto-on, Enabled
Daylight Based Control	Auto-on, Enabled
Daylight Dependent Switching	Default disabled
Daylight Dependent Override	Default disabled
LED Indicator	Enabled
Occupancy Mode	Auto-on/off
Group Occupancy Sharing	Enabled
Group Light Behavior	Background level
Field Task Tuning	100%
Eco-on Level	100%
Background Light Level	20%
Hold Time	15 minutes
Prolong Time	15 minutes
Grace Fading	10 seconds
Fade to Switch On	0.7 seconds
Fade to Switch Off	0.7 seconds

Scene selecting with wireless wall switch UID8460

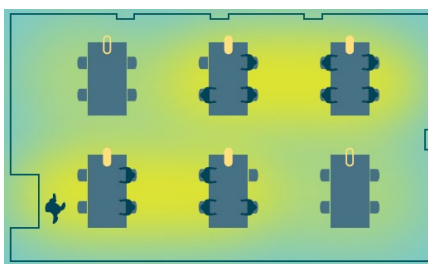


- Briefly press on of the configured three scene buttons (button marked I is Scene 1, button marked with · is Scene 2 and button marked with .. is Scene 3).
- A brief press action on the 0 button will switch the luminaires off.
- Press both button I and 0 to dim up; press both button · and .. to dim down.

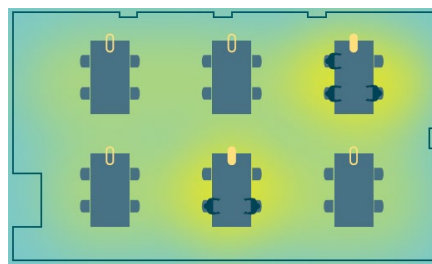
Saving energy with SpaceWise LED backlite panel



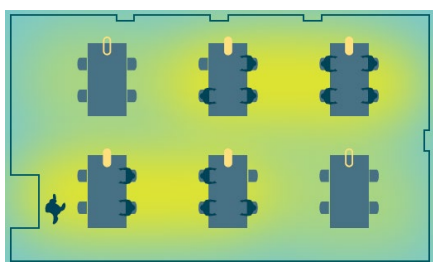
When the first occupant enters, the lighting group lightens up gently to the background level of 20%.



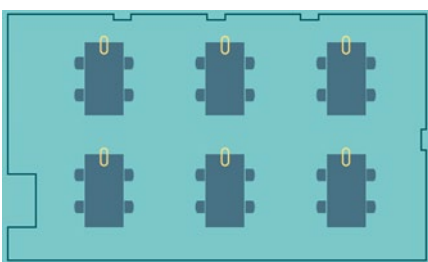
As each occupant arrives at their workstation, luminaires in the immediate area brighten up to the full illumination.



When people leave for meetings or lunch, the luminaires gently dim to background level of 20%.



Daylight-dependent dimming occurs automatically, saving even more energy throughout the day.

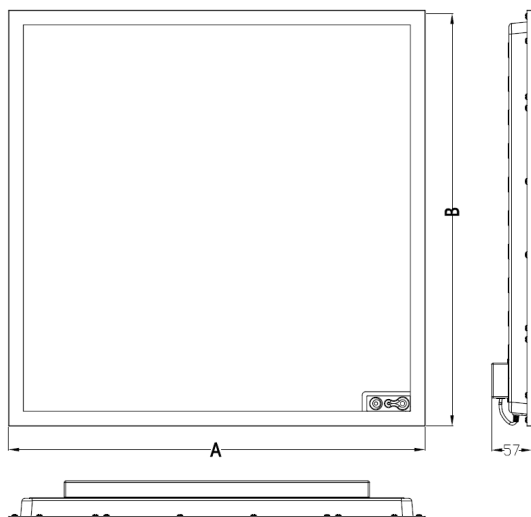


The lighting zone turns off after the last person leaves.



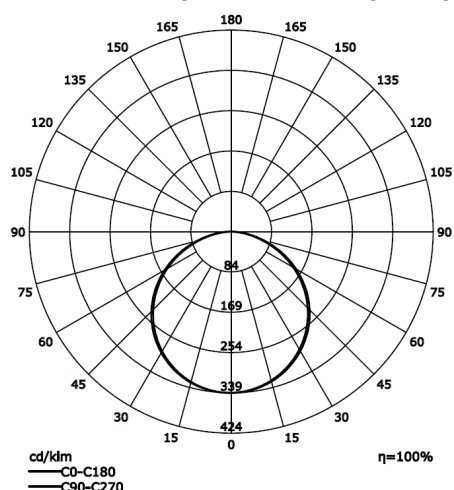
Just add a wireless switch in private office and meeting room, and you have got total control of your lighting.

Dimension



Light Distribution

Luminous Intensity Distribution Curve(cd/klm)



	Width (mm)	Length (mm)	Height (mm)
600 x 600 LED backlit Panel	595	595	57
300 x 1200 LED backlit Panel	295	1195	57

Technical Data

Model for Grid Type	600 x 600	300 x 1200
Product Dimension	595 x 595 x 57 mm	295 x 1195 x 57 mm
Item No.	PB30W060P-S	PB30W312P-S
System Power	30W (35W/38W/40W and other wattage are available)	
Luminous Flux	3600lm (4200lm/4500lm/4800lm and other lumen are available)	
Efficacy	120lm/W ≥ 4000K	
Working Current & Voltage	750mA; 36 ± 2V DC	
Color Temp.	3000K/3500K/4000K/5000K/6000K	
Lighting Method	Backlit	
Light Source	SMD2835	
CRI (Ra)	> 80; Ra> 95 and R1-R15>80 optional	
SDCM	< 3	
Beam Angel	110° (90° with Micro Prismatic diffuser UGR<19)	
Service Life & Warranty	L80B20 (25°C) > 50.000h; 5 years Warranty	
IP Rating	IP20	
Impact Resistance	IK04	
Hot Wire Resistance	650°C	
Housing Color	RAL9016 White	
Housing Material	Aluminum frame, steel housing	
Lens Material	Acrylic (PMMA)	
Diffuser Material	Polystyrene (PS)	
Mount	Recessed; suspended and surface mounted with extra mounting kit	
Driver	Philips Xitanium 36W 0.3-1A 54V SR 230V	
Dimmable	1%-100%	
Nominal Frequency	50/60Hz	
Power Factor	>0.9	
Input Voltage	220~240V	
Sensor	Philips EasyAir SNS210	
Sensing and Control	PIR occupancy detection, daylight control, task tuning	
Detection Area (minor movement)	3.6m x 3.4m at 3m height; 2.9m x 2.7m at 2.4m height	
Detection Area (major movement)	5.4m x 3.6m at 3m height; 4.5m x 2.9m at 2.4m height	
Min. distance from the window	≥ 0.6m	
Status Indicators	Yellow LED on: Vacancy & Sensor is functional; Red LED on: Motion is detected	
Full light dim level	5-100%	
Max Distance Switch-to-First panel	10m line-of-sight	
Max Distance panel-to-panel	12m line-of-sight	
Storage & Working Temp.	-25°C ~ +80°C; -20°C ~ +45°C	

According to the International Standard of LED luminaire, here Cyanlite formally claims this product is only allowed to be applied to indoor environment. Meanwhile Cyanlite promises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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