

As an electrical and electronic products company with its headquarters in Herzebrock / Westphalia, the STEINEL Group is the leading manufacturer of sensor systems, thermo tools (hot-air guns, hot-melt glue applicators, gas soldering irons). Over 1000 staff members located at six facilities in Central Europe manufacture and sell products in German Quality for the world market.



The XLed 25 is available in a black or white casing

Brilliant energy-saving revolution



STEINEL is revolutionizing the halogen floodlight market with innovative floodlights that use Power LED technology. The slim-line sensor-controlled LED light panels instantly provide brilliant, bright light.

Anyone aiming for maximum security all around a building has so far had no alternative but to choose sensor-controlled halogen floodlights. Yet halogen bulbs come with the drawback of being less and less able to meet present-day demands on energy efficiency. Low-energy bulbs are not suitable as a contemporary alternative for such applications because they do not generate bright light quickly enough.

As brand leader in the sensor-control floodlight segment, STEINEL is now presenting a path-breaking development that to a high extent satisfies the demand for immediate, full-brightness illumination at maximum energy efficiency: XLed sensor-switched LED floodlights with special, electronically controlled LED light. This innovative and ideal combination provides instant bright light using only about 25% of the energy required by halogen floodlights.

XLED (Continued)

Creating this outstanding lighting solution has demanded a completely new approach to LED control, cooling, optics and design. It uses innovative high-end 3-W LEDs with specially developed cooling systems and sophisticated optics. But the really clever part is found in the active microprocessor control electronics that make the most of the power reserves from the LEDs.



XLed technology is available in two versions: as the XLed 10 with 10 LEDs consuming about 25 W and as the XLed 25 with 25 LEDs consuming about 60 W of power. The flat-design light head is made of high-quality aluminium and is available either in black or white. Swivelling and tilting through an extremely wide range, the light head can be aimed perfectly at the area being illuminated. The XLed can also be mounted under porches because unlike conventional halogen floodlights there is no need to allow for any safety distance.

The result is nothing short of amazing: radiantly bright light all around buildings at minimum energy consumption. Plus a fascinating lighting effect with unique directional flexibility.

	XLed 10		XLed 10	
	black 654511	white 654610	black 654719	white 654818
Prod. No.				
Dimensions (H x W x D)	233 x 200 x 200 mm		305 x 200 x 200 mm	
Voltage	230 – 240 V / 50 Hz		230 – 240 V / 50 Hz	
Output	10 LEDs, approx. 25 W		25 LEDs, approx. 60 W	
Additional switching capacity	– 800 W max. (resistive load, e.g. filament bulb) – 400 W max. (uncorrected, inductive, $\cos \varphi = 0.5$, e.g. fluorescent lamps) – 400 W max. (electronic ballasts, capacitive, e.g. low-energy bulbs, 4 each max.)		– 800 W max. (resistive load, e.g. filament bulb) – 400 W max. (uncorrected, inductive, $\cos \varphi = 0.5$, e.g. fluorescent lamps) – 400 W max. (electronic ballasts, capacitive, e.g. low-energy bulbs, 4 each max.)	
Life of LEDs	up to 50,000 hours (at 3 hours/day, approx. 45 years)		up to 50,000 hours (at 3 hours/day, approx. 45 years)	
Angle of coverage	240° with sneak-by guard		240° with sneak-by guard	
Reach	12 m max. all-round		12 m max. all-round	
Sensor system	9 detection levels, 304 switching zones		9 detection levels, 304 switching zones	
Time setting	5 sec. – 15 min.		5 sec. – 15 min.	
Twilight setting	2 – 2000 lux		2 – 2000 lux	
Enclosure	IP 54		IP 54	
Brightness control	10 % basic brightness (approx. 3 W)		10 % basic brightness (approx. 3 W)	
Manual override	4 hours, selectable		4 hours, selectable	
Special features	Housing tilts through: 200° Housing turns through: 270°		Housing tilts through: 200° Housing turns through: 270°	

For further details:
 STEINEL Vertrieb GmbH
 Publicity Dept.
 Dieselstrasse 80-84 • 33442 Herzebrock-Clarholz
 Phone: +49 (0) 5245 448 203 • Fax: +49 (0) 5245 448 197
 www.steinell.de