

# SWITCH SOLUTIONS FOR LIGHTING APPLICATIONS

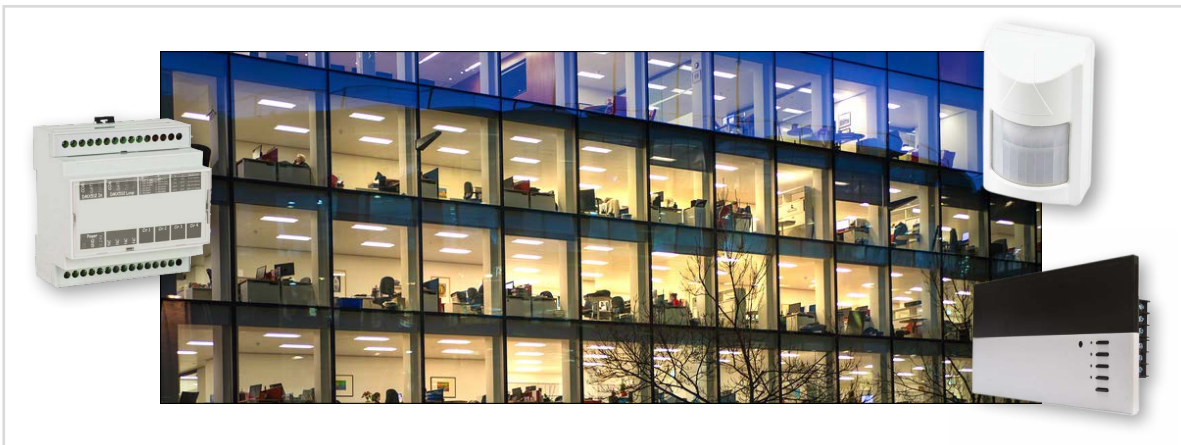
## Lighting

Requirements for residential and commercial lighting systems need to incorporate a combination of comfort, safety, and energy efficiency. The switches used in these applications are required to function reliably for many years, must be aesthetically pleasing to the user, and may need to operate under challenging conditions. C&K's lighting portfolio offers a variety of switches tailored to meet the requirements of the lighting industry.

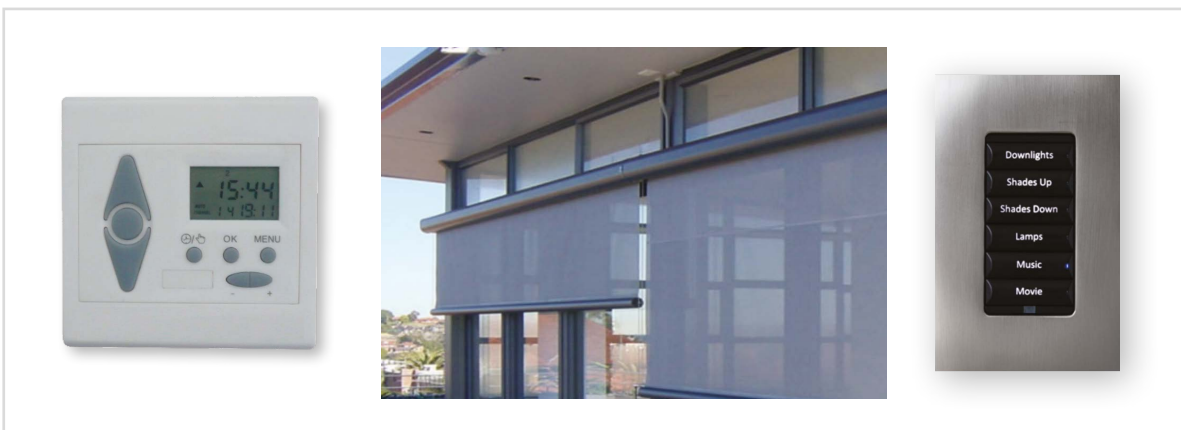
In addition to our standard products, we can customize a switch to accommodate virtually any customer request.



## Conference Room Lighting & Shade Controls, Lighting Controllers, Room Occupancy Sensors



## Automatic Shade Controls

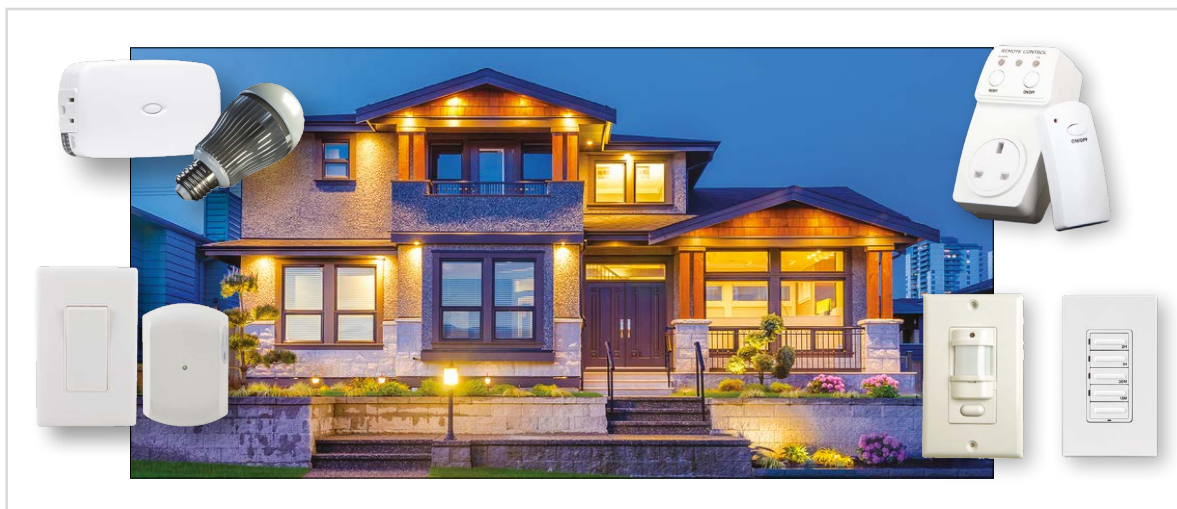


**LIGHTING APPLICATIONS**

**Emergency Lighting, LED Drivers, High Bay Occupancy Sensors**



**Programmable Timers & Dimmers, Integrated Room Controllers, Occupancy Sensors, Wireless Light Switches, Smart Lighting Control Hub**



**Smart Street Lighting, LED Street Lighting**





























**Smart LED Signage/Roadway Signs**



**LIGHTING APPLICATIONS**

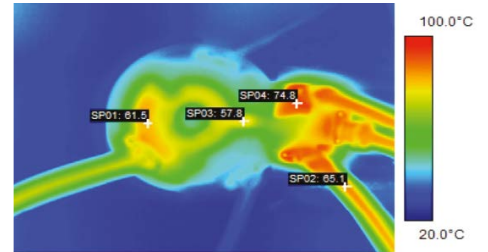
**Switch Solutions for Lighting Applications – Products**

															
		KSA Tactile	KSC Tactile	KSR Tactile	PTS645 Tactile	TP Push-button	8020 Push-button	ELUM Push-button	BD DIP	SPA DIP	SDA DIP	RTE DIP	M Rotary	KSC D Detect	CCM03 MK3 Card Reader
	Integrated Room Control	•	•	•	•					•	•				
	Room Occupancy Sensor	•	•	•	•					•	•			•	
	Wireless Wi-Fi Light Switch								•	•	•	•			
	Programmable Light Timer / Dimmer	•	•	•	•					•	•			•	
	Lighting & Shade Control	•	•	•	•									•	
	Lighting Controllers	•	•	•	•		•								
	LED Driver								•	•	•				
	Emergency Lighting					•	•	•							
	Automatic Shade Controls		•	•	•	•	•	•				•			
	LED Street Lighting								•	•	•		•		•
	High Bay Occupancy Sensor								•	•	•				
	LED Signage								•		•				•

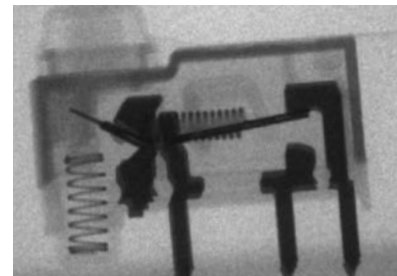
**LIGHTING APPLICATIONS**

**Engineering Technology into Solutions**

Solutions to the challenges facing the Industrial market space require collaboration between customer and supplier. To provide local engineer-to-engineer communication and support, C&K has design centers located in Boston, MA (USA), Dole France, and Huizhou China. In order to develop robust product designs and expedite time to market, C&K leverages design and analysis tools such as solid modeling CAD systems, FEA and dynamic motion software, mold flow analysis, 3D printing & SLA, X-ray, SEM/FTIR, thermal imaging, force testing, and sound analysis chambers.



Molding rheology simulation



Dynamic x-ray analysis

**Manufacturing Technology into Solutions**

C&K has been providing innovative solutions to our customers for over 50 years, using our extensive industry and applications knowledge and the latest development and manufacturing techniques to solve the most difficult design challenges and provide customer and application specific solutions. Our manufacturing locations are ISO 9001 and TS16949 certified. To ensure quality, reliability, and long cycle life, as well as meet design to cost objectives, C&K maintains internal control of key manufacturing processes such as stamping, precision molding, plating, and high speed automatic assembly.



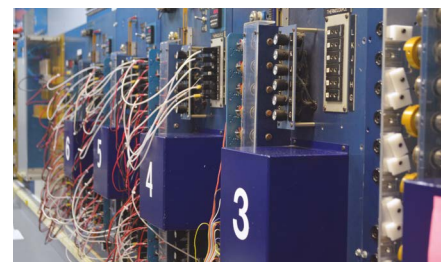
Precision stamping and over molding tools designed and built by C&K



High speed and high precision milling machine for tools and machine building



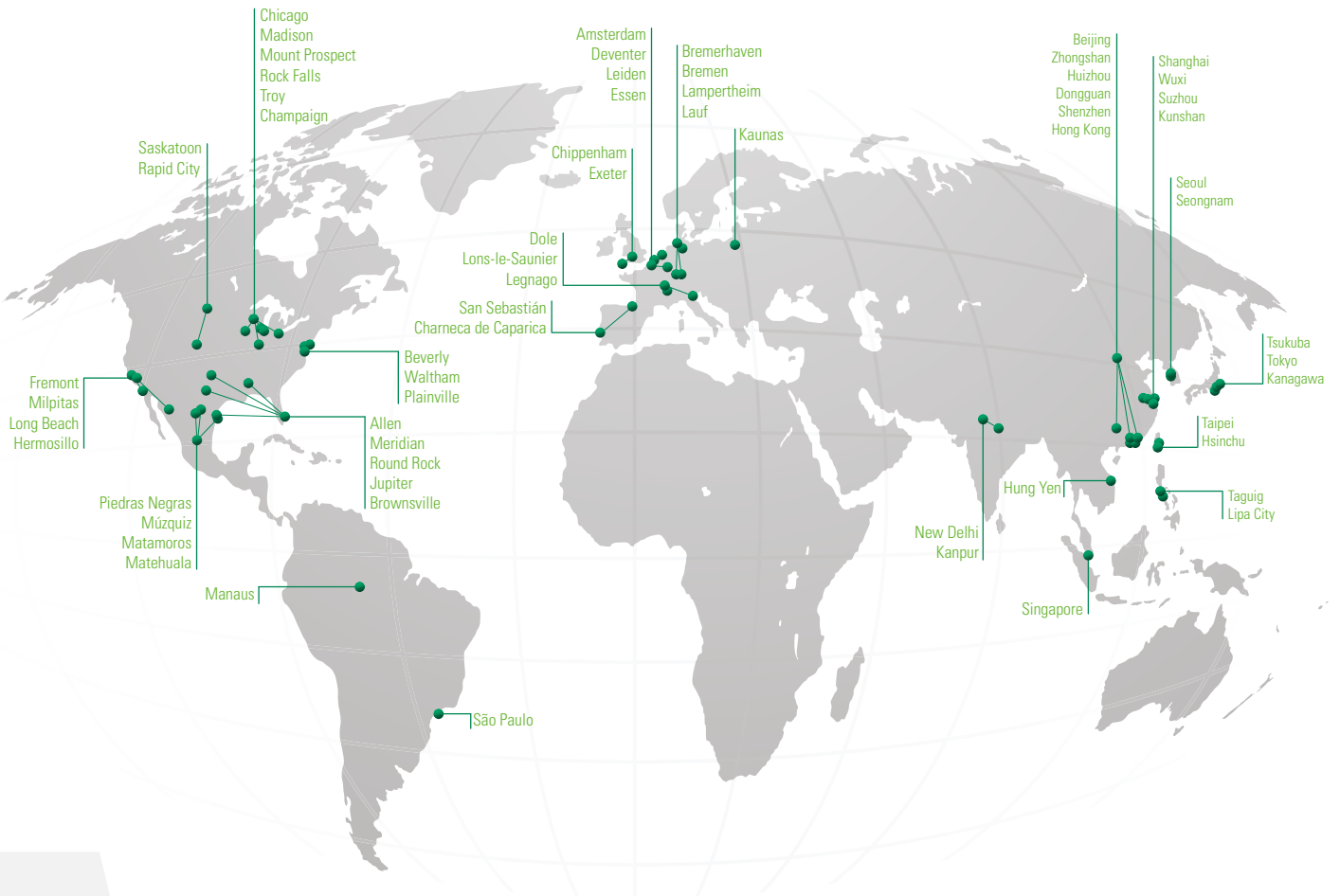
High speed switch assembly machine designed and built by C&K



Customized in-house testing capability

**LIGHTING APPLICATIONS**

**Sales Support**



Please visit [www.ckswitches.com](http://www.ckswitches.com) to view C&K's full product offering and list of partners and distributors.