

#### WIRELESS LIGHTING CONTROL

All the functionality ever needed throughout so many applications but without the wires.

#### SCENE CONTROL

Multi-channel lighting control enables change of mood and function in a space.

#### SYSTEM INTEGRATION

Integrate with multi room audio, security systems, PC and audio visual controllers.

#### SECURITY

Simulate normal occupancy, turn lights on at dusk or send an SMS on the way home.

#### CONTROL PANELS

Contemporary range of wireless control panels to match the functional needs and interior.

#### DIMMER MODULES

Modules to suit all load types, simply wired in-line with the lighting circuit then controlled remotely.



Our moods are intrinsically linked to lighting and it has been scientifically proven that sunlight lifts the spirit. Light affects us both physiologically and emotionally and can boost or decrease our health and happiness. We cannot control the weather outside but, through our pioneering, modern technology, we can control the interior ambience of your home or business to help create the perfect lighting environment for you. Whether you want to help improve the performance and aesthetics in the workplace or simply enhance the mood and feeling in your home. We can help you achieve anything you desire, in any environment, all at the touch of a button. The only limitations are your own imagination...

**LET THERE BE LIGHT**

#### SYSTEM INTEGRATION

Integrate with multi room audio, security systems, PC and audio visual controllers.

#### LOAD TYPES

Incandescent, low voltage, cold cathode, LED's, fluorescent, non-dimmed. Rako has a solution.

#### CURTAINS/BLINDS & SCREENS

All activated from any of the Rako controllers including wall panels, timeclock or SMS.

#### SECURITY

Simulate normal occupancy, turn lights on at dusk or send an SMS on the way home.

#### CONTROL PANELS

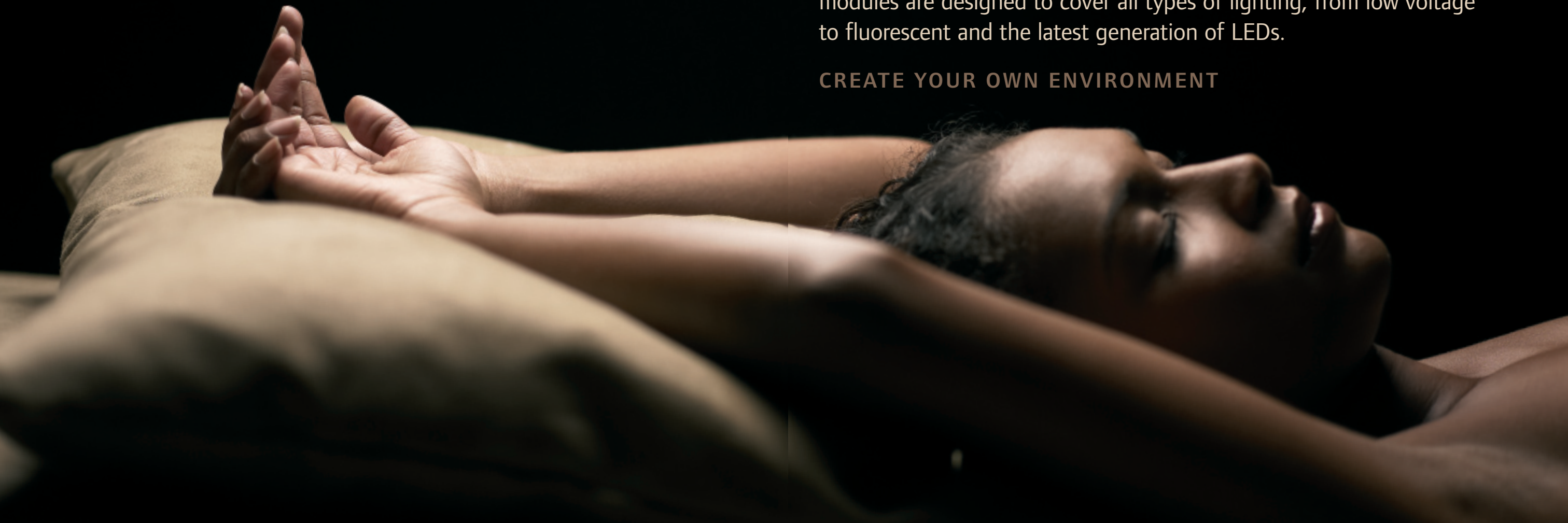
Contemporary range of wireless control panels to match the functional needs and interior.

#### DIMMER MODULES

Modules to suit all load types, simply wired in-line with the lighting circuit then controlled remotely.

Leading the field in contemporary wireless lighting control technology, Rako offers innovative, simple and cost-effective lighting control solutions. Above all, the system allows quick installation without the mess and hassle of rewiring. With such flexibility the system is suitable for all environments, both residential and commercial, new build or retrofit. The choice of modules are designed to cover all types of lighting, from low voltage to fluorescent and the latest generation of LEDs.

**CREATE YOUR OWN ENVIRONMENT**



**WIRELESS LIGHTING CONTROLS**  
All the functionality ever needed but without the wires.

**SCENE CONTROL**  
Multi-channel lighting control enables change of mood and function in a space.

**AUDIO VISUAL INTERFACING**  
Complete the home cinema experience by setting the lighting scene as the screen lowers.

**SYSTEM INTEGRATION**  
Integrate with multi room audio, security systems, PC and audio visual controllers.

**LOAD TYPES**  
Incandescent, low voltage, cold cathode, LED's, fluorescent, non-dimmed. Rako has a solution.

**CURTAINS/BLINDS & SCREENS**  
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**SCREEN CONTROL**  
Control the projection screen from the wall panel or Infrared remote

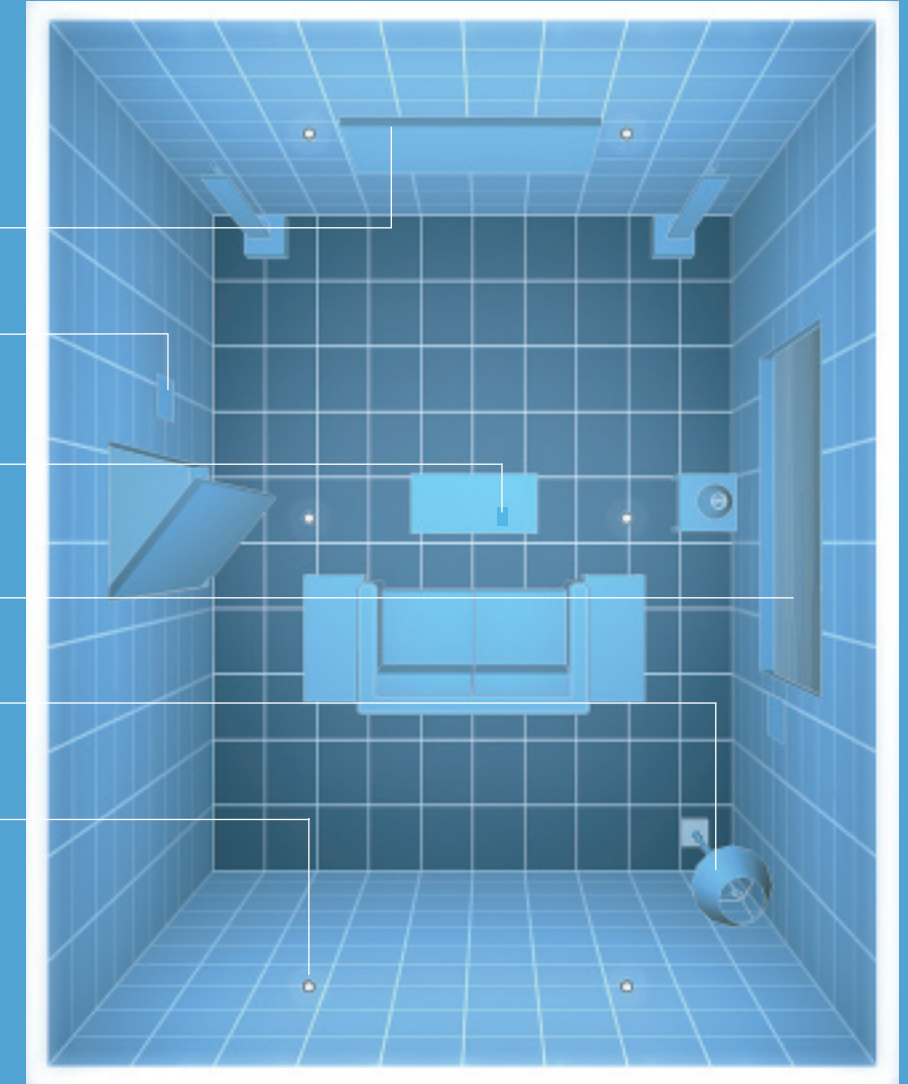
**WIRELESS WALL PANELS**  
Can be located anywhere and available in a range of finishes to suit the interior design

**INFRA RED REMOTE INTERFACE**  
Use universal remotes to control the lighting as well as audio visual devices

**CURTAIN/BLIND CONTROL**  
Integrate curtain control for the complete cinema experience

**IN-LINE DIMMERS**  
Allows freestanding lamps to be controlled as part of the system

**CEILING DIMMERS**  
One dimmer for each channel or group of lights. Simply choose the modules to suit



#### SECURITY

Simulate normal occupancy, turn lights on at dusk or send an SMS on the way home.

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#### DIMMER MODULES

Modules for all load types, simply wired in-line with the lighting circuit then controlled remotely.

#### RACK OPTIONS

Innovative new wireless rack solution for when wiring lighting circuits to a central position.

#### ACCESSORIES

For the ultimate in flexibility, choose from Rako's wide range of modular accessories.

#### SOFTWARE

Intuitive RASOFT software allows wireless configuration and programming of the system.

Whatever the application, Rako has a solution. The carefully planned, modular system architecture allows designers and users to develop a system to suit any need. Create a lighting design, select the appropriate modules or racks, then decide how to control them, all with the knowledge that should the requirements change or extra lighting circuits be added then it can be achieved without massive disruption.

## YOUR IDEAS HAVE NO LIMITS



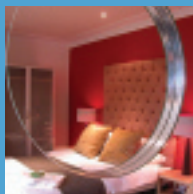
#### MULTI ROOM

Even before arriving home, create a 'welcome' scene by sending an SMS text message. Have whole house control in the entrance hall or maybe from the bedside. Create scenes for dining, entertaining or simply relaxing. Link the lighting to alarm systems and have holiday mode simulate occupancy whilst away for added security. Create the ultimate home theatre experience by integrating audio visual system with the room's lighting.



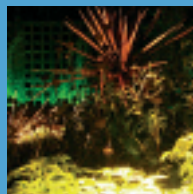
#### RESTAURANTS, PUBS & CLUBS

Creating the right environment for guests is essential. Breakfast meetings, lunchtime drinks, evening meal. Using the same lighting it is possible to change the look and feel of a room. With a single press, recalling a preset scene enables the room to subtly change over a few minutes, leaving guests settled and staff able to concentrate on looking after them.



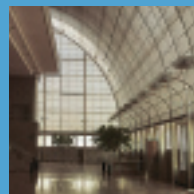
#### HOTEL BEDROOMS

Five star hotel bedrooms benefit from the sophisticated effect of lighting controls. Fade lights up slowly then change the complete look of a room at the touch of a button. Have whole room control from the door entry system, the bedside or even reception. Wireless technology allows retrofitting so it can be installed in existing rooms. Add the practical issues of reduced energy and maintenance costs and this becomes an essential option.



#### GARDENS

It is often said that a garden should be treated as another room in the house. So, why not extend the lighting control concept too? Change the look of a garden, enjoy an alfresco meal or evening party... By incorporating colour change lighting, the garden can become more interesting and fun for guests. With no requirement to run separate lighting circuits around the garden, adding lighting controls to a landscape is a simple process.



#### RETAIL

Good lighting design and use of the most appropriate light sources to maximize impact cannot be underestimated. Optimising this by the use of lighting controls can give the edge. By incorporating a control system, the lighting can change throughout the day or even out of business hours, catching the eye with a little movement without the need for staff supervision. Energy savings and lamp life extension reduce running and maintenance costs.



#### MARINE

Luxury yachts demand luxury features. Have scene control in the main saloon for entertaining or maybe a movie. Set the mood in the master suite or guest cabins. Change the exterior lights to welcome upon arrival. Individual areas or whole yacht control can be achieved and because the system is wireless, installation times and costs are minimized. Both 12/24V and 230V systems are catered for, please ask for Rako's marine brochure for further details.



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#### DIMMER MODULES

Modules to suit all load types, simply wired in-line with the lighting circuit then controlled remotely.



With carefully chosen light fittings and lamp sources a multi-channel lighting scheme can enable the mood and function of a space to be changed, highlighting features and creating pockets and pools of light. Scene control dimming allows these new moods to be re-called at the touch of a button and with the possibility of multi-way control, hand-held remotes and integration with security and audio visual systems a home moves to a new level of sophistication.

### MOOD AMBIENCE FUNCTION

#### MULTI ROOM

Whole house control from the entrance hall or bedside. Simulate occupancy whilst away.

#### RESTAURANTS, PUBS & CLUBS

Set the lighting scene for breakfast meetings, lunchtime drinks or evening meal at the touch of a button.

#### HOTEL BEDROOMS

Five star hotel bedrooms benefit with the sophisticated effects of lighting control.

#### GARDENS

Extend mood lighting to the garden. Change the ambience for an alfresco meal or party.

#### RETAIL

Optimise the lighting scheme with a control system. Introduce light changes throughout the day and night.

#### MARINE

Luxury yachts demand luxury features. Have scene control in the main saloon for entertaining or maybe a movie.

Rako understands the importance of making its system open to others, enabling seamless integration between various building systems, whether it is simply a TV/Hi-Fi infrared remote, the more advanced hand held multi-function touch screens, or complete audio visual and multi room audio systems. Gate entry and security systems can also be integrated with the lighting system, switching lights when returning home or simply for security purposes.

Rako uses the latest technology and is continually developing and adding to its range of high tech wireless products to keep pace with changing styles, lamp types and the latest systems to integrate with. Most importantly Rako focuses on keeping installation and set up as simple as possible.

## TECHNOLOGICALLY ADVANCED

## SPEAKS YOUR LANGUAGE



#### AUDIO VISUAL INTERFACING

For the complete home cinema experience, simply press a button to see the screen come down, the lights dim and the film begin. From simple control by infrared remote control to programmable macros in a multi function hand held or high end audio visual and multi room audio systems.



#### SYSTEM INTEGRATION

Rako offers solutions for integration at all levels. Simple mechanical integration avoids multiple wall panels by combining lighting control and multi room audio. Volt-free contact closures link to security systems, infrared to RF and bi-directional RS232 interfacing allows PC based systems and audio visual controllers to communicate with the Rako network.



#### LOAD TYPES

There are so many light sources now available but Rako provides modules to suit all load types including incandescent, low voltage, LEDs, colour changers, cold cathode, fluorescent and non-dimmed loads. Be as adventurous as you wish in the lighting design, and then choose the wireless modules to suit!



#### CURTAINS/BLINDS, SCREENS

Integrate the control of curtains, blinds and screens into one single wall panel. The RACUB module takes care of the motor switching and can be activated from any of the Rako controllers including the wall panels, time clock, SMS and RS232 modules.



#### SECURITY

Link the system to a security alarm to bring the lights on in the event of activation. Turn lights on automatically at dusk, program a sequence or let the timeclock replay normal occupancy using the MB1 timeclock module. Alternatively send an SMS text message to turn lights on when away or when arriving home from work on those dark nights.



#### CONTROL PANELS

Choose from the range of contemporary wireless control panels to match functional needs and the interior. Surface or flush mounting options have no necessity for back-boxes or wires of any sort. Available in a wide range of standard finishes including brushed and polished stainless steel with special finishes available to order. Control up to 15 channels per room with over 65,000 possible room addresses.



#### DIMMER MODULES

Rako has a module to suit all load types. The Rako modules simply wire in-line with the lighting circuit and can be located in ceiling voids and fitted through a standard down-light cut out. Modules can be wired in-line and plugged into your nearest socket. Simply choose the module to suit load power and type.



#### RACK OPTIONS

When it is necessary to wire back to one location, or for larger installations, choose Rako's new rack option. With an innovative clip-together mechanism one can mix and match modules – providing from 4 to 16 channels per rack with one central radio receiver located anywhere in the building.



#### ACCESSORIES

For the ultimate in flexibility, choose from Rako's range of modular accessories: hand held remote, single and bi-directional RS232 interface, infrared to RF converter, SMS text receiver, 100m booster, DMX512 driver, partition module, volt-free interface, curtain/blind controller, Living Control gateway and timeclock.



#### SOFTWARE

The intuitive RASOFT software allows configuration and programming of a system without wires. Programme a whole home creating new rooms as you go, setting scenes and maybe changing fade rates. Many advanced features are also available, including room grouping to facilitate master controllers.