



Light to make you look.

enhancing life with light

PHILIPS
Entertainment

Inventing new solutions, creating new technologies

An integral part of the global Philips Lighting business, Philips Entertainment combines the leading Strand, Selecon and Vari-Lite brands, to bring light to life in our theatres, performing arts venues, schools, studios, museums, high end retail and galleries around the world. Innovation is the driving force of Philips Entertainment. The global leadership in technology provided by Philips Lighting will benefit our worldwide specialist entertainment and display lighting markets.

This catalogue provides a brief overview of our extensive Selecon luminaire and Strand control and dimming solutions. For further product information, downloads, technical support and educational resources, visit www.seleconlight.com and www.strandlighting.com.



**For us, light doesn't
just exist. It's created.**

INVENT

Together we share the drive to invent new solutions, and create new technologies. Our focus is creating energy saving, efficient, safe, intuitive tools that respond to the challenges of each project, effectively and responsibly.

CONTROL

Integration is the key to control, from the development of core technologies through to the delivery of complete solutions. We strive for a model of open innovation that puts our customers and their needs at the centre of our design processes.

LIGHT

Light is at the centre of everything we do. We make light to engage, entertain, and inspire in galleries, museums, theatres, concert venues and retail spaces around the world.

MOVE

Our collective goal is to deliver unsurpassed product and service experiences for our customers, so they can create unique and engaging experiences for their audiences.

PHILIPS
Selecon

PHILIPS
Strand Lighting

PHILIPS
VARI*LTE

LED Luminaires

Embracing the power of the LED light engine technology developed within the Philips Entertainment group, Philips Selecon delivers high powered LED source luminaires. Clean, focused light, pure and vibrant or subtle colour washes for scenic and display elements, combined with lower power consumption and significant reductions in heat.



PL1 LED Luminaire

A revolutionary breakthrough in lighting, the PL1 LED Luminaire is the first high power LED display lighting instrument with the unprecedented capability to control all parameters of the light beam. The seamless integration of colour temperature with colour rendering in any intensity from low level to full intensity will meet the requirements of conservators and curators in any museum or gallery application.



PL Wash

PL Wash luminaires deliver highly efficient fill and colour effect light for any application from special events to stage and studio. Engineered to be hung easily and designed to accept accessories such as barndoors, our luminaires are built for all the rigours of the entertainment industry. Available in two models, our 5-colour RGBAW and tunable white luminaires are part of a complete lighting and control solution that is easy to set up and operate.



PL3 and PL5 Focusing Wash Luminaires

The PL3 uses three LED engines to produce light levels comparable to a 1200W Fresnel, but with a power consumption of less than 400 watts. The PL5, with its five LED engines, produces light levels similar to a 2000W luminaire while consuming only 600 watts. The additive colour mixing system delivers brighter saturated colours than a traditional theatrical luminaire with gel, as well as producing a single shadow even when multiple colours are used. Also available with motorised beam control which speeds up focus sessions with the convenience of remote control from the console.

MEETING THE ENERGY EFFICIENCY CHALLENGE



At Philips we seek to facilitate new solutions for change to drive responsible energy practices and by inspiring individuals to make simple changes that can have profound results. The Philips EcoVision4 programme is committed, by 2012, to generate 30% of our revenues from sustainable products, double our investment in green innovations, and further increase the energy efficiency of our operations by 25%.

Our newest Philips Entertainment LED luminaires deliver clean focused light and full colour mixing with lower power consumption and significant reductions in heat. Our IGBT dimming technology delivers quiet operation with low voltage drop and the ability to dim a wide range of loads while our 80V optimised current power supply delivers a 40–50% energy saving, higher colour temperature and a brilliant, 'pure' white light.

Energy efficient lighting solutions delivering optimum performance and total cost of ownership — practical tools for you to use every day helping minimise our impact on the environment.

Control

In today's world of modern luminaires, control means more than just DMX or a lighting desk that can adjust channels. Control now encompasses everything from sophisticated networks distributing data in configurable packets of information to the sophisticated mixing of colours, positioning and focusing of luminaires in ways that are simple and efficient. From our basic 100 Plus Series console to our full-size Light Palettes, we provide reliable easy-to-use control systems that will meet the creative needs of facilities of any size.



**Intuitive operation,
simplified programming.**



Light Palette VL

The Light Palette VL is our most advanced moving light console with 24 submasters and a 100 key direct action keypad. The direct action keypad speeds your production with direct selection of lights, positions, colours or any other moving light attribute. Our universal attribute control for automated lighting provides lighting control the way you design, while the moving light effects generator and extensive luminaire library allow you to always get the most out of your moving light rig.



Palette VL

The Palette VL family of consoles provide clean and simple operation with the control and sophistication of our larger Light Palette VL consoles. Palette VL features an integral trackball, moving light encoders and direct action attribute keys to extend the power of the Palette family of consoles, all available with 500 to 3000 channels.



100 Plus Series Console

The 100 Plus Series console comes complete with a 99-cue stack, 12-channel, 2-scene preset, and 24-channel single scene preset operation, all with a unique Hold function in single-scene mode. The 100 Plus Series has a built in effect operation, split crossfaders with time fade function, bump buttons, Grand Master and Black Out keys.



200 Plus Series Console

The 200 Plus Series is available in either a 12/24 channel or 24/48 channel model with multiple pages of Submaster memories, 2-scene preset operation, or expanded single-scene preset operation complete with up to 12 effects each with up to 99 steps, split crossfaders with time fade function, bump buttons on all channels, Grand Master and Black Out keys.



Sixer

Simple 6-way console, with Grand Master. The Sixer can operate from a 9V battery or the external PSU supplied. Ideal for drama studios, remote locations, anywhere a simple DMX controller is required.



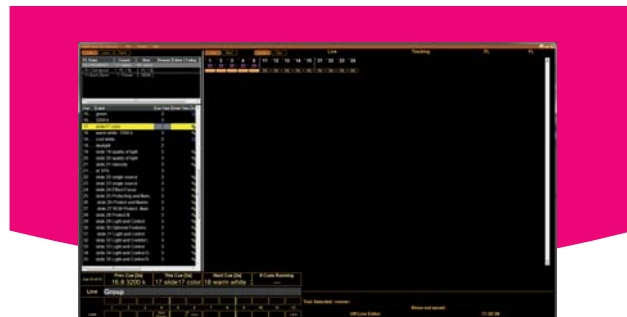
Wireless Focus Remote

The Strand Wireless Focus Remote provides full graphical connectivity to all Palette OS based control consoles, and each wireless remote also offers connectivity to existing 300 and 500 series consoles with support for WiFi enabled on the desk.



Rack Palette

Show tracking backup electronics — whether you are programming a large production, running a live event that needs this level of security, or working in a show control environment such as a permanent dynamic display, Rack Palette meets your needs.



Offline Palette

Offline Palette is a free graphical offline editor that runs Strand Lighting's Palette OS in a Windows environment.

Offline Palette can be downloaded directly from the Strand Lighting website and allows you to edit and adjust your lighting designs from any computer using a Windows OS, then quickly and easily implement the edits into your actual design.

This powerful software program has the ability to remotely interface with the Palette OS control console from remote video to control, remote console functionality, and editing of the live show files.



NETWORKING SOLUTIONS

Philips Strand Lighting introduced the use of Ethernet systems for the distribution of lighting data with the ShowNet suite of networking protocols in 1994.

Thanks to this pioneering work, the use of networking for the transmission of lighting levels between control consoles and dimmers is now standard practice within the entertainment lighting industry.

Strand's widespread experience of networking has led it to be the natural choice for keynote events such as the ground-breaking Sydney Olympics opening ceremony. Today, the use of networking within the Philips Entertainment product range has expanded significantly with systems supporting a variety of protocols, including ShowNet, E1.31 Streaming ACN, DMX, Pathport and ARTNET.

These solutions help minimise capital costs and increase inter-operability and are further enhanced with support for protocols that control Philips Color Kinetics data enablers, allowing Philips Entertainment consoles to communicate with what is probably the widest variety of devices and dimmers in the market.



Open Palette

The OpenPalette program offers theatre practitioners or other software developers the opportunity to interact with any Palette console to formulate your own applications.

Open Palette includes an internal scripting system which allows you to create complex additions to the Palette's functionality such as importing a patch from Excel, creating automated show reports with show timing for stage managers, or communication connectivity between Palette and external software in real time.

It also features data export capabilities for semi-automated creation of show documentation, with focus descriptions and photographs, lighting cue states and analysis of equipment (colour, gobo) usage within the show.

www.openpalette.org



Strand ShowNet and N21 ShowNet Nodes

Strand Lighting's ShowNet software represents today's industry benchmark for entertainment lighting control and network solutions. Capable of supporting several venues within a single complex, ShowNet connects multiple consoles, computers, and file servers over a conventional Ethernet control network.

Compact and flexible, the N21 ShowNet DMX nodes provide cost-effective network connectivity for facilities of all sizes. Each node features two or four DMX connectors that may be dynamically configured for input or output operation, based on a 32-bit ARM processor.

All N21 nodes utilise the Linux operating systems for stable 10/100BT operation. Nodes may be configured using the Firefox web browser.



Vision.net

Intuitive and flexible, Vision.net software and control stations seamlessly link with our powerful range of systems to provide a complete lighting control solution for performance venues, museums and galleries of any size and for interactive displays or presentations in themed environments.

Vision.net is easy to set up and program and offers a wide range of button and fader stations that can be custom labeled — any system command may be allocated to any pushbutton in your system for exceptional control and flexibility.

Whether you are designing an interactive museum environment or a large hotel and convention centre complex, Vision.net provides a wide range of fully scalable solutions.



THE STRAND STORY

In 1914, the Strand Electric Company began serving the lighting needs of London's theatre district, and in 1926, Century Lighting opened for business in New York City to serve the same needs for the burgeoning theatres of Broadway. Through the successful union of these two companies, Strand Lighting was born and set out to become the world's leading name in stage, television and motion picture lighting.



LEADING THE WAY

In 1997 Strand Lighting installed two of the first facility-wide Ethernet networks, one in the Vienna Opera House and the second at the San Francisco Opera House. Today Strand ShowNet is the industry benchmark for entertainment lighting control solutions.

Power Management

Whether your goal is to create a future proof facility using the latest advances in LED and other light source technologies, or you prefer to follow traditional power management designs with a centralised system, Strand Power Management has the solution.

Live performance venues

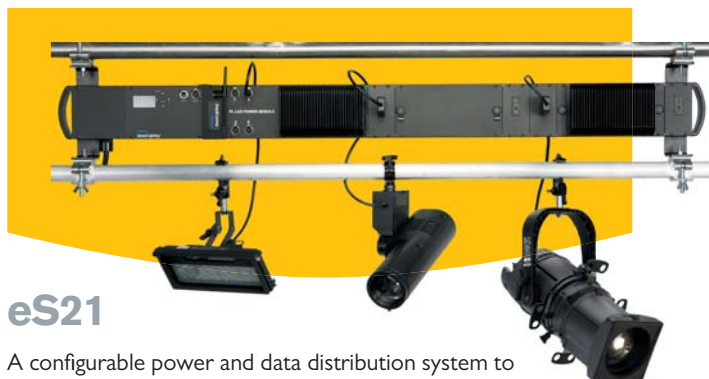
Quiet, flexible and cost-effective distributed power solutions ideal for theatrical installations of any size. Easy to install and operate, our eS2 I power management system connects seamlessly with our network-based Palette family of lighting control consoles and Vision.net architectural controls to form fully integrated lighting control systems which freely mix conventional, automated and LED lighting loads.

Broadcast studios

Low-energy studio lighting combining LED luminaires with complete control while significantly reducing your air conditioning costs. Our silent distributed dimming and control systems allow you to create a studio anywhere without worrying about expensive and elaborate dimmer rooms and power systems. For further information download our white paper: www.seleconlight.com/lowenergystudiolighting.

At the heart of the performance.





eS21

A configurable power and data distribution system to control LED luminaires including the PL1 LED luminaire and the PL3 and PL5 Focusing LED luminaires, moving lights as well as conventional luminaires. Three types of modules can be fitted into the channel — dual IGBT dimmers (1200W, 2500W, 5000W), a dual 10A relay module with power and DMX connectors, and a Quad LED power supply for PL Wash fill lights. All eS21 dimmer strips include DMX input and are available with a wireless DMX module to eliminate the need for control wiring. Each strip can support any combination of three modules and may be ordered with a pipe (48mm OD) hanger.



LightPack

Single 1200W IGBT dimmer pack delivering all the advantages of IGBT control — silent, high performance (650uS rise time, insertion loss of 1.5V), able to precisely control LED, transformer as well as tungsten halogen loads.



LightPack LED

A compact and portable power pack with data for two or four PL Wash lights or Color Kinetics ColorBlast TR and iW Blast TR luminaires. Each model has auto identification allowing it to determine how many channels the connected luminaire requires and it will set up the appropriate patch assignments for white, RGB and RGBAW luminaires. DMX in and out connectors are standard with a choice of mounting brackets.

INVENT



IGBT QUIET, EFFICIENT DIMMING

IGBT (Insulated Gate Bipolar Transistor) technology delivers compact, quiet, energy efficient dimming solutions as well as precise voltage control, current monitoring, and operating temperatures that protect against short circuits. All Strand Lighting IGBT distributed dimmers except the eC21 are convection cooled, using no fans.



The advantages of IGBT dimming technology over older SCR or Triac based technology include the ability to precisely control LED, transformer and neon loads, and a 650uS rise time which helps extend lamp life. IGBT dimmers are more efficient with less voltage drop resulting in a brighter light and less heat waste.

LOW HARM® OPERATING MODE

IGBT dimmers have a user selected operating mode that reduces harmonic currents. By 'pairing' dimmers in Forward Phase Control / Reverse Phase Control mode per phase, triplen harmonics are reduced on average by over 30%.



Forward phase
For 'leading edge'
transformer
applications



Reverse phase
For 'trailing edge'
transformer
applications

The output waveform of one dimmer is the mirror image of the second. Harmonic currents produced by each dimmer (of the pair) cancel each other out completely.

Strand Lighting distributed dimming and control deliver silent operation, high-speed data distribution, power and control solutions for LED, moving lights, and discharge and tungsten halogen sources. The result is cost effective distributed control of the light source where required in your theatre, studio, church or performance space, with wiring and terminations reduced by over 60%.



eC21 Dimmer System

The eC21 Modular Dimmer Cabinet System provides premium performance with a wide range of traditional SCR, new generation IGBT and switching relay interchangeable modules.

Designed to interface directly with Strand Lighting's ShowNet Ethernet, eC21 supports an Ethernet port and an optional integral Ethernet switch. Two DMX inputs are standard with the second input available for use as an RS485 port to support Vision.net.

All SCR dimmers feature high-performance chokes. IGBT dimmers are available in dual 13A modules and single 25A modules with integrated status reporting for the ultimate in quiet dimming for a wide range of loads. The eC21 system may be fully populated with dual IGBT dimmers or mixed with standard SCR dimmers in the same rack offering the best value and performance. Modules are available for fluorescent and low voltage dimming as well as non dim modules for power switching.



WallRack

A cost effective solution for both centralised or distributed dimming installations. Twenty-four 10A dimmers or six 25A dimmers, high performance thermal magnetic circuit breakers prevent nuisance tripping, dual DMX inputs, analogue output, panic or work light preset. Convection cooled, no fans yet compact.



1210 Cabinet

Twelve 10A or 25A dimmers with choice of front panel Australasian socket outlets or internal terminal connectors.





3 Pack and 6 Pack

Digital dimmer packs perfect for portable, rack and wall mount applications. 4 units high, DMX controlled, convection cooled, with neutral disconnect circuit breakers. Available with European or UK socket outlets or terminals for hard wiring.



1210

Twelve 10A dimmer or relay switched channels in a 4 unit high 19" rack mount module with choice of socapex, hard wire terminals or Australasian socket outlets.



Dim1

A single channel 10A dimmer, supplied with both built in and remote slider fader, offers control via DMX and a preset output limit.



ONE OF THE LARGEST NETWORKED DIMMING SYSTEMS EVER INSTALLED

When it opens in 2011, the Qatar National Convention Center is to be one of the architectural showpieces of Qatar Foundation's Education City.

The stunning exterior design incorporates a huge tree-like structure in the main façade symbolising the Sidra Tree, a beloved icon in Qatari history and culture. The extraordinary attention to detail in the overall design elements will meet the most sophisticated demands of global conference organisers in a world-class facility.

The Qatar National Convention Centre includes a 2,500-seat auditorium, a 500-seat theatre, two lecture halls for 300–400 delegates each, 15 meeting rooms and a 4,000-seat multi-purpose hall for conferences or seating 2,500 delegates banquet style. 4,200sqm of exhibition space will be built initially, extending to 15,000sqm in stage two.



Philips Entertainment has supplied over 2600 channels of distributed eS21 dimming and 6000 channels in 140 eC21 dimmer racks using 39 networked Light Palettes, together with complete Vision.net architectural lighting control integration using 200 touchscreens, 500 occupancy sensors and 143 Ethernet nodes.

local solutions, global support

Stage and Studio Luminaires

Philips Selecon has won an enviable reputation, to become the recognised leader in fixed luminaire technology for theatrical and entertainment lighting. We are committed to developing the best and broadest range of lighting tools for designers, technicians and theatre owners around the world. The latest optical and manufacturing technologies together with leading performance and ease of operation are a winning combination, the reason our luminaires light the stages of the world every day.

We make light.





SPX

A fresh new look at the ellipsoidal profile with design features to meet the evolving needs of 21st century entertainment lighting practices. The SPX luminaire is outstanding in its class with many new and innovative features while still retaining the intuitive controls, beam angles and appearance that you're familiar with. Available in 14°, 19°, 26°, 36° and 50° Fixed Beam models and 15°–35° and 25°–50° Zoomspots, the SPX is the first ERS to fully exploit the output and successfully deal with the high heat associated with the latest generation compact filament 800W lamps.



Pacific

With the greatest range of optical systems, Zoomspots and Fixed Beams, delivering a 'cool' beam of light, the unique Pacific family of 'base down' luminaires delivers a crisp 'white' light with little or no distortion, ideal for gobo projection and precise beam shaping, with the lowest cost of ownership. A favourite amongst the leading theatres and opera houses of the world, the Pacific is a platform product with a wide choice of light sources including tungsten halogen, MSR discharge and lower-voltage 80V delivering the output of traditional 2000W luminaires.



Acclaim Axial Zoomspot

Compact filament lamps, the efficiency of axial reflector systems, the Philips Selecon custom optical design, and the versatility of two interchangeable variable beam angle systems (18°–34° and 24°–44°) make this cool beam ellipsoidal profile the smart choice for the smaller to mid size venues.



INVENT

SPX ELLIPSOIDAL PROFILES FOR THE 21ST CENTURY

Utilising the latest in Philips' biplane lamp technology, the SPX delivers more light on stage with lower wattage lamps.

UP TO 27%
MORE EFFICIENT



SPX shutter lock



Innovative operating features such as 'cool touch' lens tube and lamp module, shutter lock and no light spill minimise setup, focus and maintenance time. www.seleconlight.com/spx



PACIFIC 90° AND 45°-75° THE WORLD'S WIDEST ELLIPSOIDAL PROFILE BEAM ANGLES

Delivering the control of an ellipsoidal profile to shape the beam and project patterns in a beam angle as wide as a Fresnel or PC lens luminaire. www.seleconlight.com/pacificshort



PL3 and PL5 Focusing Wash Luminares

The PL3 Focusing Wash Luminaire utilises three LED light engines to produce light levels comparable to a 1200W Fresnel lens luminaire, but with a power consumption of less than 400 watts. The PL5, with its five LED engines, produces light levels similar to a 2000W luminaire while consuming only 600 watts.

The full power of these luminaires is seen when mixing colours. The additive colour mixing system means saturated colours are brighter compared to using a subtractive filter in front of a traditional luminaire beam.

PL3 and PL5 feature local or remote control motorised focus adjustment. Remote focus positioning is available using the pan and tilt motor control accessories.



Acclaim PC & Fresnel 500W/650W

Ideal for small theatres, studios, and display lighting applications, the variable beam angle Acclaim PC and Fresnel deliver affordable, safe and easy-to-use general purpose lighting with excellent output. Shape or mask the light using the 4-door barndoor accessory.



Rama PC & Fresnel 1000W/1200W

The Rama PC and Fresnel range deliver the performance required for saturated colour washes and strong key lights at a cost affordable for most, in a luminaire design which features cool operator touch points, integrated safety cable and Fast Focus Technology.



Arena PC & Fresnel 1200W/2500W

Unmatched light output and beam control with excellent beam quality are typical of the Arena PC and Fresnel family. Luminaires are available as 200mm or high-performance 250mm lens luminaires for general long throw lighting applications. Arena PC and Fresnel luminaires offer far superior light output at a moderate cost.



LED LUMINAIRES

With features such as infinite colour capability, integral intensity control, remote or local operation, on board colour white presets and software management tools the revolutionary range of PL1, PL3 and PL5 luminaires are destined to replace existing tungsten halogen and discharge lens luminaires as key lights and area wash illumination.



LENS LUMINAIRES

Fast Focus Technology — a simple, precise and economic means to preset a lens luminaire's pan, tilt and focus prior to rigging, saving on labour costs during focus time.



Selecon Cyclorama and Flood lights

The Selecon Hui, Lui and Aurora ranges of cyclorama, flood, groundrow and work lighting are designed for the working theatre and studio providing intense colour washes and more light where you want it, with seamless blending of one beam to the next.



Pacific Followspot

This compact, cool beam followspot continues the versatility and modularity of the Pacific range, utilising the same light sources — mains voltage, lower voltage tungsten halogen or 575W MSR. The Pacific Followspot includes an adjustable iris with black out and protective guard, braced yoke and guide handles. Accessories: 4-colour changer, pattern holder and stand.



INVENT

80V 1200W POWER SYSTEM

**HIGHLY DESIRABLE LIGHT QUALITY
SIGNIFICANT ENERGY SAVINGS
BRIGHTER, WHITER LIGHT**

When combined with the low voltage 80V 1200W lamp and any of the Pacific range of ellipsoids or the Rama High Performance Fresnel, the Philips Selecon 80V 1200W DMX-controlled Power System delivers an intense beam of brilliant, 'pure' white light with the power to cut through the stage picture for dramatic highlights, render saturated colours, or to deliver on those very long throws. These smaller, lighter luminaires mean less weight for technicians to handle and hang and there's more room on the lighting bar. The direct DMX functionality saves on rigging time and removes the need for separate dimmers as it utilises existing moving light distribution systems.



"Clients we've had onstage have been very surprised when we fly our lighting bars in, to find that we have the small 1200W Fresnels. Their expectation from the light-output was that they'd be 2000–2500W lamps. The stage area is much cooler, yet we keep nearly the same luminosity as previously."

**Jesse Radatti, Senior Lighting Technician,
Arts Centre Gold Coast, Australia**

POWER CONSUMPTION

48,000W

40x 80V Pacific

100,000W

40x 2.5kW profiles

"The upgrade from 2000 and 2500W Fresnels to the new Philips Selecon 80V 1200 watt Rama High Performance Fresnels has more than halved our power consumption on stage."

**Chris Dbais, Venue Operations Manager,
Arts Centre Gold Coast, Australia**

For more product information and other case studies: www.seleconlight.com/pacific80v

Display Luminaires

Philips Selecon display luminaires draw on our theatrical heritage to deliver high quality controllable light to the art of museum and gallery lighting. "Theatre on the inside" is a recurring theme that our design and optical engineers apply to every product together with our core principals of precision, performance, simplicity and safety. Our display luminaires include secure settings to maintain your project's design parameters over extended periods of time and are designed for ease of maintenance and operation.



Light to make you look.





PL1 LED Luminaire

Precise Focus. Pure Light.

A revolutionary breakthrough in lighting, the PL1 LED Luminaire is the first LED light source that delivers full control of beam colour composition irrespective of intensity. Drawing on the LED light engine technology developed within the Philips Entertainment group, the PL1 meets the challenge of illuminating the world's museums, art galleries and stages in a full white light at very low light levels while meeting the needs of conservators with a source without UV or IR while significantly reducing the impact on the environment.



Wing Wall Washer Flood

Wing Wall Washer Flood luminaires are designed for the high-quality and efficient illumination of walls and general display lighting. With a visually even wash of light with high colour rendering to evenly illuminate walls up to 7m or higher, beam edges are well-defined but "soft" allowing adjacent beams to blend together without distracting highlights. Available using tungsten halogen, metal halide and LED light sources, the integrated stylish design will have a minimal visual impact on your architectural space, while the repeatability of performance is guaranteed through the reflector design.



SDP

The Selecon Display Profile (SDP) is a sophisticated lighting instrument of timeless appearance with accurate beam shaping, two beam angle ranges (15°–35° and 25°–50°) and precision projection optics. Allen key lock-offs and reference scales for your adjustments offer the means to effectively assure the integrity of the original lighting design always stays in place. The SDP delivers on the Selecon brand promise for performance (efficient optical system, high quality gobo projections), precision (accurate beam shaping, locking focus adjustments) and simplicity (intuitive operation).

INVENT

The PL1 is a revolutionary breakthrough in display lighting. Designed to conserve and present our finest museum and gallery collections, it is the first high power LED display lighting instrument which has the unprecedented capability to control all parameters of the light beam from colour composition to size, shape, quality, distribution and intensity. Curators, conservators and exhibition designers now have the ability to display precious pieces in a safe low level of light that delivers full colour rendering. www.seleconlight.com/pl1



THEATRE ON THE INSIDE

Display luminaires that allow you to control, shape, colour, stretch, soften or dim the light beam using a comprehensive range of filter, diffusion and barndoor accessories, safely and securely mounted within the luminaire.



Vision.net touchscreen technology places full control of your lighting system literally at your finger tips.





Astral CDM Axial Zoomspot

The Astral Axial Zoomspot delivers a high quality projector-like beam using a long-life (9,000 hours) CDM display lamp, higher output pattern projection and precise beam-shaping in a high quality white finish which includes all handles and cables. Available in 18°–34° and 24°–44° beam angles, the interchangeable lens modules are easily changed without the use of tools.



Aureol Fresco Flood

Designed to provide a visually even wash of light for either individual subject flood lighting or continuous wall washes for museum, gallery, retail and residential lighting applications. The Aureol Fresco Flood is small and discreet, featuring a unique custom designed asymmetric reflector that collects much of the light output and redirects it to produce a visually even wash of light from a ceiling mount position.

A choice of mains voltage linear halogen lamps (60W, 75W, 100W, 150W) provides a wide range of light levels at full colour rendering. Positioned 1200mm from a 3m high wall and spaced 1500mm apart the Aureol Fresco Flood provides a visually even wash of light down to approximately 700mm from the floor, in the critical viewing area.



Aureol BeamSpot

Utilising the MRI 6 range of lamps, the Aureol BeamSpot provides excellent light control and features for display and commercial lighting applications. With a hinged opening body for easy re-lamping, the Aureol BeamSpot has integrated accessory and two filter mounting slots for a full range of beam control accessories (barndoors, snoots, colour filter holder, glass filters). Available with an integral on-board dimmer and a range of mounting options including three circuit track, ceiling mount rose and pipe clamp (48mm OD).



Aureol BeamShaper

The Aureol BeamShaper accessory mounts directly onto an Aureol BeamSpot, turning the BeamSpot into a 26°–50° zoom ellipsoidal luminaire with four integral shutters. With aspheric lenses to maximise light output and projection clarity, the BeamShaper also has integrated gobo mounting inside the luminaire body. A rotatable lens barrel allows image rotation with a screw lock off.



Aureol Recessed BeamShaper

The Aureol Recessed BeamShaper brings the use of projection and the control of light in a fully recessed format to the architectural lighting market. The unit allows the lighting effect to be the feature without the luminaire being seen.

A world of service and support

Philips Entertainment is supported globally by a dedicated, professional network of dealers with local sales and customer service and support. Our websites host a wealth of information — product specifications, light level and load calculators, latest software updates, comprehensive how to light your stage resources, FAQs, technical background papers and more: www.strandlighting.com | www.seleconlight.com



Strand System Builder is a do-it-yourself software based design tool to help you create, document and present lighting control and luminaire systems

tailored for entertainment or display projects. An invaluable specification and design tool, Strand System Builder is free to download from our websites.

PHOTOGRAPHS — FRONT COVER *Nine*, the major motion picture musical; produced by Harvey Weinstein; directed by Rob Marshall; photograph by David James. **PAGE 2** Nationaltheater Mannheim, Germany. **PAGE 4** *Spring Awakening* at the Balboa Theatre, San Diego, CA, USA; lighting design by Kevin Adams; photograph by Bobby Harrell. **PAGE 6** Sydney Olympics 2000 Opening Ceremony; photographs courtesy of Bytecraft Entertainment PTY Ltd. **PAGE 8** LATT Children's Theatre, Seoul, Korea. **PAGE 10** Beijing Television 600M Studio, China; photograph supplied by Strand Lighting Hong Kong. **PAGE 11** Qatar National Convention Centre. **PAGE 12** *Hair*, produced by the College-Conservatory of Music, University of Cincinnati; lighting design by and photograph courtesy of James Gage. **PAGE 13** Teatro Colón, Buenos Aires, Argentina; photograph supplied by Stage Tech SRL. **PAGE 15** *The Crucible*, Auckland Theatre Company; lighting design and photograph courtesy of David Eversfield, www.optichock.net. **PAGE 17** Top, left to right: Technik Museum, Berlin, Germany. Queensland Art Gallery, Australia. *Tutankhamun: The Golden King and the Great Pharaohs* Touring Exhibition; photograph courtesy of Arts & Exhibitions International, photographer Tom Fricker. Tauranga Civic Art Gallery, New Zealand; photograph by Simon Devitt. Main photo: *Secrets Revealed, The Backstage Mysteries of your Museum*, Auckland Museum, New Zealand; lighting design by Francois Roupinian; photograph by Krzysztof Pfeiffer. **PAGE 19** *Requiem*, MAU Dance Company at the Lincoln Centre, New York 2008; choreographer and director Lemi Ponifasio; lighting design by Helen Todd; photograph by Richard Termine. **BACK COVER** Photograph courtesy of Dynamic Source Co. Ltd, Thailand. **SELECON PRODUCT PHOTOGRAPHY** Michael Woods.



enhancing life with light

PHILIPS
Entertainment



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www.strandlighting.com

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sense and simplicity