



## SLA AUSTRALIA / NEW ZEALAND CUSTOMER SERVICE CENTRES:

### NORTHERN REGION

#### Queensland

Sylvania Lighting Australasia Pty Ltd  
25 Donkin Street  
West End QLD 4101  
Ph: 07 3034 8600  
Fax: 07 3846 3689  
Email: slaqld@sla.net.au

#### Northern Queensland

JEM Distributors Pty Ltd  
2/37 Mackley Street  
Garbutt Townsville QLD 4814  
Ph: 07 4775 6299  
Fax: 07 4725 1191  
Email: slanqld@sla.net.au

#### Northern Territory

Powerhouse NT Distributors  
2/34 Benison Road  
Winnellie NT 0820  
Ph: 08 8947 0027  
Fax: 08 8947 1126  
Email: slant@sla.net.au

### SOUTHERN REGION

#### Victoria

Sylvania Lighting Australasia Pty Ltd  
87 Moreland Street  
Footscray VIC 3011  
Ph: 03 9689 7833  
Fax: 03 9689 5611  
Email: slaviv@sla.net.au

#### Tasmania

Sylvania Lighting Australasia Pty Ltd  
87 Moreland Street  
Footscray VIC 3011  
Ph: 1300 519 796  
Fax: 1300 841 796  
Email: slatas@sla.net.au

#### Western Australia

Sylvania Lighting Australasia Pty Ltd  
21 Wheeler Street  
Belmont WA 6104  
Ph: 08 9478 1399  
Fax: 08 9277 1119  
Email: slawa@sla.net.au

#### South Australia

Sylvania Lighting Australasia Pty Ltd  
236 Richmond Road  
Marleston SA 5033  
Ph: 08 8354 2122  
Freecall: 1800 248 241  
Freefax: 1800 648 641  
Email: slasa@sla.net.au

### CENTRAL REGION

#### New South Wales

Sylvania Lighting Australasia Pty Ltd  
Suite 1C, 69 Waterloo Road  
North Ryde NSW 2113  
Ph: 1300 728 988  
Fax: 1300 728 844  
Email: slansw@sla.net.au

#### Newcastle

Stramac Pty Ltd  
10-12 Union Street  
Wickham NSW 2293  
Ph: 02 4969 6555  
Fax: 02 4962 2457  
Email: stramac@sla.net.au

### NEW ZEALAND

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318 Rosebank Road  
Avondale Auckland NZ  
Ph: 64 9 828 3113  
Fax: 64 9 828 7426  
Freecall: 0800 754 454  
Email: lighting@gerardlighting.co.nz

### HEADQUARTERS

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Email: sylvania@sla.net.au

A member of the Gerard Lighting Group

[www.sla.net.au](http://www.sla.net.au)

**Concord**



Where  
innovation  
comes to  
light.

# Stadium

## LED Spotlight



Concord

# Concord Stadium



# A Revolution in Spotlighting

**Concord Stadium** is an innovative low energy spotlight range which takes display lighting into a new dimension. Utilising 16 x 1W LED's, generating up to 1200 fixture lumens this cutting-edge spotlight introduces a new highly flexible accent lighting tool.

The Concord vision was to design and develop the optimum LED spotlight. The Stadium range incorporates features and benefits of new LED technology designed around a super slim housing. The spotlight provides lighting solutions for a myriad of lighting applications including museums, galleries and retail spaces.

The Stadium portfolio introduces two versions, Stadium EVO and PRO both with excellent colour rendering, low running temperatures and very long lamp life resulting in

reduced maintenance costs and energy saving light source with low power consumption. Further advantages of this innovative LED lighting solution include the absence of UV and infra-red radiation, making Stadium ideal for sensitive environments.

Stadium EVO benefits from an innovative integrated LED driver which eliminates the need for a remote gear housing. This, in turn, slims the form and profile of the luminaire, for minimal visual intrusion, thus reducing the appearance of 'bunching' up on the track.

Stadium PRO provides advance features for professional applications with a secure twin fixing mechanism, lockable head and discrete integrated dimmer.

# Lighting Retail Spaces



- **Integral LED driver**
- **No ultra violet or infrared radiation**
- **Three colour temperature options, warm white 3000K, neutral white 4000K & cool white 6000K**
- **Excellent colour rendering (warm white, neutral white Ra 93)**
- **Reduced maintenance costs with 50,000 hrs lamp life**
- **Instant light with low running temperatures**
- **Efficient light source providing energy saving solutions**
- **Two beam angles 10° spot and 25° medium flood**
- **Single and three circuit track adaptor options**

## Stadium EVO:

Specifically designed for retail and display spaces where textiles and cosmetics are being displayed. The EVO meets the tough demands of these environments by providing high colour rendering, zero UV/IR radiation, reduction in maintenance costs and an energy saving solution over more traditional lamp sources such as low voltage and metal halide.

The super slim housing reduces the need to 'bunch up' spotlights on the track, therefore maintaining a discrete presence.



# Lighting Museums & Galleries



- **Individual on board dimming**
- **No ultra violet or infra red radiation**
- **Three colour temperature options, warm white 3000K, neutral white 4000K & cool white 6000K**
- **Excellent colour rendering (warm white, neutral white Ra 93)**
- **Reduced maintenance costs with 50,000 hrs lamp life**
- **Lockable adaptor and spot head**
- **Instant light with low running temperatures**
- **Efficient light source providing energy saving solutions**
- **Two beam angles 10° spot and 25° medium**

## Stadium PRO:

Ideal for sensitive environments such as museums and galleries where measures are taken to protect the paintings and artefacts from damage caused by ultraviolet (UV) and infrared (IR) light. The PRO provides a safe, economical and functional lighting solution for these spaces and introduces individual dimmable control from an on board potentiometer, offering additional energy saving and introducing contrast and effect through varying light levels.



# Light & Colour



## Colour Rendering







Colour rendering is an important quality feature of light. Depending on use, artificial light should show objects in a light as natural as possible. A light source that contains the full spectrum of colours (Ra=100), makes the colours of the illuminated items appear natural. A light source with Ra = 100 reproduces all colours perfectly. The lower the Ra value, the less natural the colours reproduced. Halogen lamps have traditionally been recommended to use in such areas with high colour rendering requirements. Halogen lamps have a typical lamp life of (2000-5000h) compared to LED with 50,000h and Halogen with 1,000 lumens at 50w, LED 1,200 fixture lumens at 25w.

## Colour Temperature

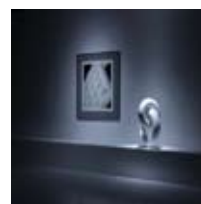
Colour temperature refers to the temperature in degrees Kelvin to which one would have to heat a theoretical "black body" source to produce light of the same visual colour.

When we say a lamp has a Colour temperature of 3000K, it means a glowing metal (black body) at 3000K would produce light of about the same colour as the lamp. Instead, if the metal is heated to 4100K, it will produce a much whiter light. Direct sunlight corresponds to about 5300K while daylight, which has the blue from the sky mixed in, is typically 6000K or above.

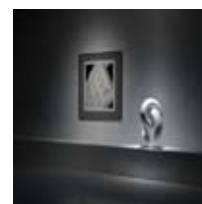
## Colour rendering of different lamps expressed in Ra

<b>Ra: 90 - 100</b>		
<b>Ra: 70 - 89</b>		
<b>Ra: &lt; 70</b>		

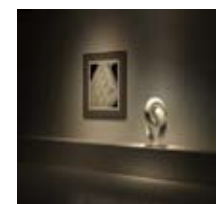
<b>Accurate (Ra &gt; 90)</b>	Medical Examination, Colour Printing Inspection, Art Galleries etc.
<b>Good (90 &gt; Ra &gt; 80)</b>	Retail, Showrooms, Restaurants, Offices etc.
<b>Moderate (80 &gt; Ra &gt; 60)</b>	Offices, Classrooms, Security Lighting, Supermarkets, Manufacturing Areas etc.
<b>Poor (60 &gt; Ra &gt; 40)</b>	Street Lighting, Parking Areas, etc.



**Cool white:**  
6000K



**Neutral white:**  
4000K



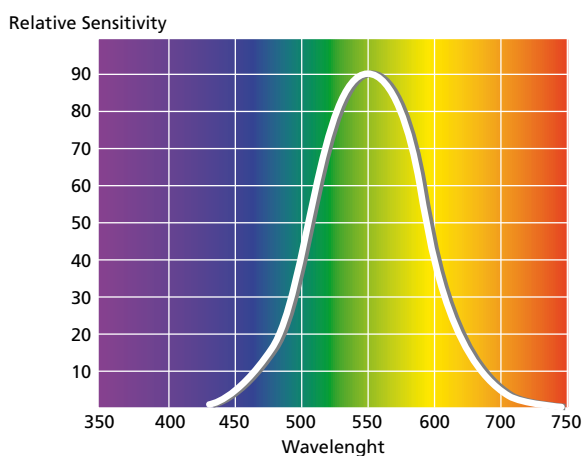
**Warm white:**  
3000K

# UV & IR radiation



## UV & IR radiation

The visible light region occupies a very narrow portion of the electromagnetic spectrum. It corresponds to the wavelengths 400nm (violet) to 750nm (red).



Wavelengths shorter than 400nm are called ultraviolet radiation. They cannot be seen by the human eye. Ultraviolet radiation has the shortest wavelengths and therefore the most damaging effect. Wavelengths longer than 760nm are called infrared radiation. This radiation is also invisible, but it is felt as heat. With daylight we get the complete spectrum of colour wave lengths including the invisible UV and IR radiation.



### Highly sensitive

Textiles  
Manuscripts  
Cosmetics  
Print & Drawings

### Mod. sensitive

Paintings  
Bone  
Wood  
Lacquer

### Insensitive

Metal  
Glass  
Stone  
Ceramics

# Stadium EVO

## Applications

- Retail
- Showrooms
- Galleries
- Museum
- Restaurant
- Offices



**Mounting:**

**Track:** Concord single circuit or three circuit adaptor

**Surface:** Monopoint - Stadium EVO can use 1 or 3 circuit points.

**LED driver:** Integral electronic with current control facility for over temperature protection and high inrush current protection.

**Housing:** Die-cast aluminium, powder coated smooth white RAL 9016, silver RAL 9006, black RAL 9005

**Lens:** Polycarbonate lens

# Stadium EVO

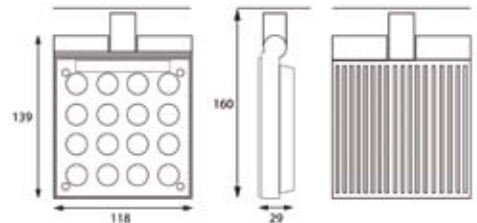
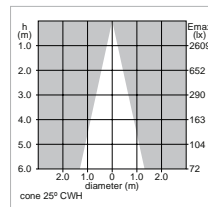
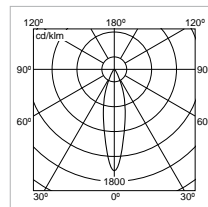
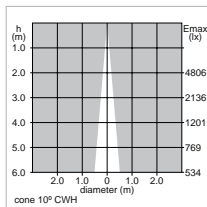
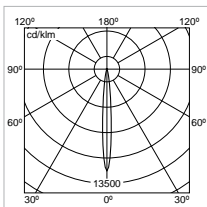
- Seoul Semiconductor P4 LED
- High output LED spotlight in compact, slim design
- Ideal for accent lighting in retail areas
- No IR (infrared) or UV (ultraviolet) radiation
- Excellent colour rendering (Warm White & Natural White Ra=93)
- Stabilized colour temperature
- Low maintenance - 50,000 hours lamp life without loss of light quality
- Die-cast aluminium housing / PC lens
- Mains voltage: 220-240V/ 50/60Hz, on-board fitted LED driver
- 25W power consumption
- Current control facility for over temperature protection
- High inrush current protection



ELECTRICAL CHARACTERISTICS	
Voltage	220-240V
Wattage	25W
Power Factor	0.98
Life (70%)	50,000hrs

OPTICAL	
Lumen Output	1200 lm @ 4000K
Colour Temp (CCT)	3000/4000/6000K
Colour Rendering (CRI)	Ra 93

With Accessory Holder- Lens



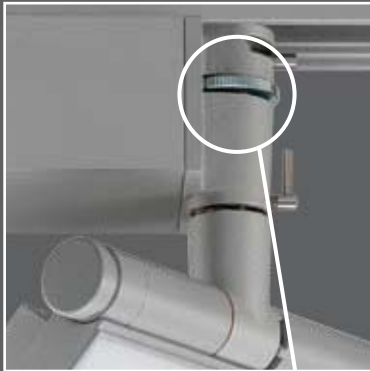
Description	6000K			4000K			3000K			Weight
	White	Silver	Black	White	Silver	Black	White	Silver	Black	
Stadium EVO 10° single circuit	2046375	2046376	2046377	2046400	2046401	2046402	2046388	2046389	2046390	0.65kg
Stadium EVO 10° three circuit	2046378	2046379	2046381	2046403	2046404	2046405	2046391	2046392	2046393	0.65kg
Stadium EVO 25° single circuit	2046382	2046383	2046384	2046406	2046407	2046408	2046394	2046395	2046396	0.65kg
Stadium EVO 25° three circuit	2046385	2046386	2046387	2046409	2046410	2046411	2046397	2046398	2046399	0.65kg
<b>Monopoint</b>				White	Silver	Black				
Lytespan 1 Circuit				3020060	3020070	-				
Lytespan 3 Circuit				3020010	3020030	3020080				
<b>Accessories</b>				White		Black				
Stadium Accessory Holder *				2048690		2048689				
Stadium Anti Glare Louvre & gel kit holder*				2048692		2048693				
<b>Optical Lens Options</b> (order in addition to Stadium accessory holder)				10°		25°				
Elongation lens				3:1		2:1			2027239	
Flood lens				-		35°			2027234	
Wide flood lens				-		45°			2046395	
Stadium coloured gel kit (blue, red & amber)									2048694	

\*Please contact your local representative for availability of accessories

# Stadium PRO

## Applications

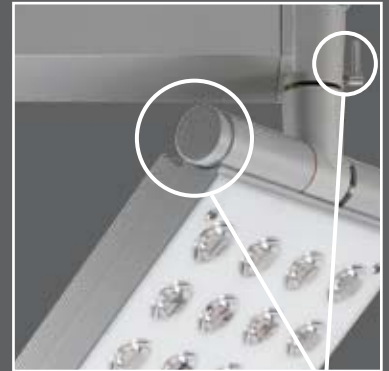
- Galleries
- Museum
- Retail
- Showrooms
- Restaurants
- Offices



Additional mechanical support to gear box via locking thumb wheel



Individually dimmable using onboard dimmer



Head can be locked in rotational plane using lever and locked in vertical plane using thumb wheel

### Mounting:

**Track:** Three circuit only

**LED driver:** Electronic with current control facility for over temperature protection and High inrush current protection.

**Housing:** Die-cast aluminium, powder coated smooth white RAL 9016, silver RAL 9006, black RAL 9005

**Lens:** Polycarbonate lens

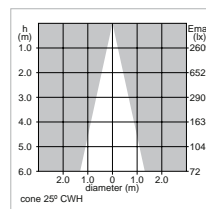
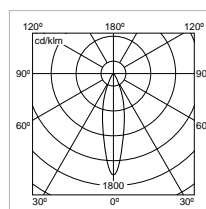
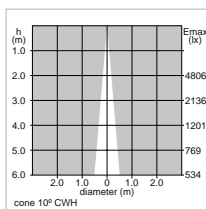
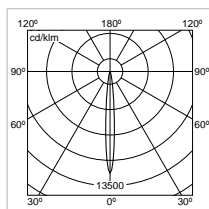
# Stadium PRO

- Seoul Semiconductor P4 LED
- Individually dimmable using on-board dimmer from 0 to 100%
- Lockable adapter and spot head
- No IR (infrared) or UV (ultraviolet) radiation
- Excellent colour rendering (Warm White & Natural White Ra=93)
- Stabilized colour temperature
- Low maintenance - 50,000 hours lamp life without loss of light quality
- Die-cast aluminium housing / PC lens
- Mains voltage: 220–240V/ 50/60Hz
- 23W power consumption
- Current control facility for over temperature protection
- High inrush current protection



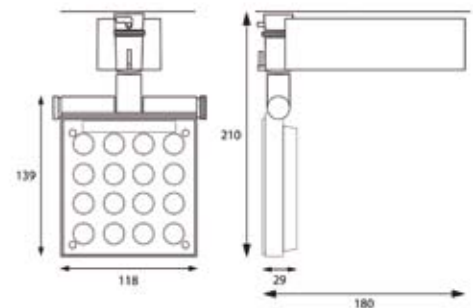
ELECTRICAL CHARACTERISTICS	
Voltage	220-240V
Wattage	23W
Power Factor	0.9
Life (70%)	50,000hrs

OPTICAL	
Lumen Output	1200 lm @ 4000K
Colour Temp (CCT)	3000/4000/6000K
Colour Rendering (CRI)	Ra 93



With Accessory Holder- Lens

With Anti-Glare Louvre



Description	6000K			4000K			3000K			Weight
	White	Silver	Black	White	Silver	Black	White	Silver	Black	
Stadium PRO 10° three circuit**	2047201	2047202	2047203	2047213	2047214	2047215	2047207	2047208	2047209	1.00kg
Stadium PRO 25° three circuit**	2047204	2047205	2047206	2047216	2047217	2047218	2047210	2047211	2047212	1.00kg
<b>Accessories</b>				White		Black				
Stadium Accessory Holder *				2048690		2048689				
Stadium Anti Glare Louvre & gel kit holder*				2048692		2048693				
<b>Optical Lens Options</b> (order in addition to Stadium accessory holder)				10°		25°				
Elongation lens				3:1		2:1			2027239	
Flood lens				-		35°			2027234	
Wide flood lens				-		45°			2046395	
Stadium coloured gel kit (blue, red & amber)									2048694	

\* Please contact your local representative for availability of accessories

\*\*Cannot be used with Monopoint