

# Stratas

by InstaLighting

**The Art of Light**





## Licht – Art

Lighting in museums makes more exacting demands on the lighting tools used than any other area of application.

Considerations such as protecting the paintings on display, colour rendition, as well as the atmosphere and quality of the time spent in exhibition areas are key to enabling art works to develop their full visual impact and helping visitors understand and appreciate the underlying curatorial concept.

We are delighted to be able to integrate the Stratas family into InstaLighting's portfolio and in so doing showcase art to its best advantage with the exceptional light quality of Stratas light fixtures.

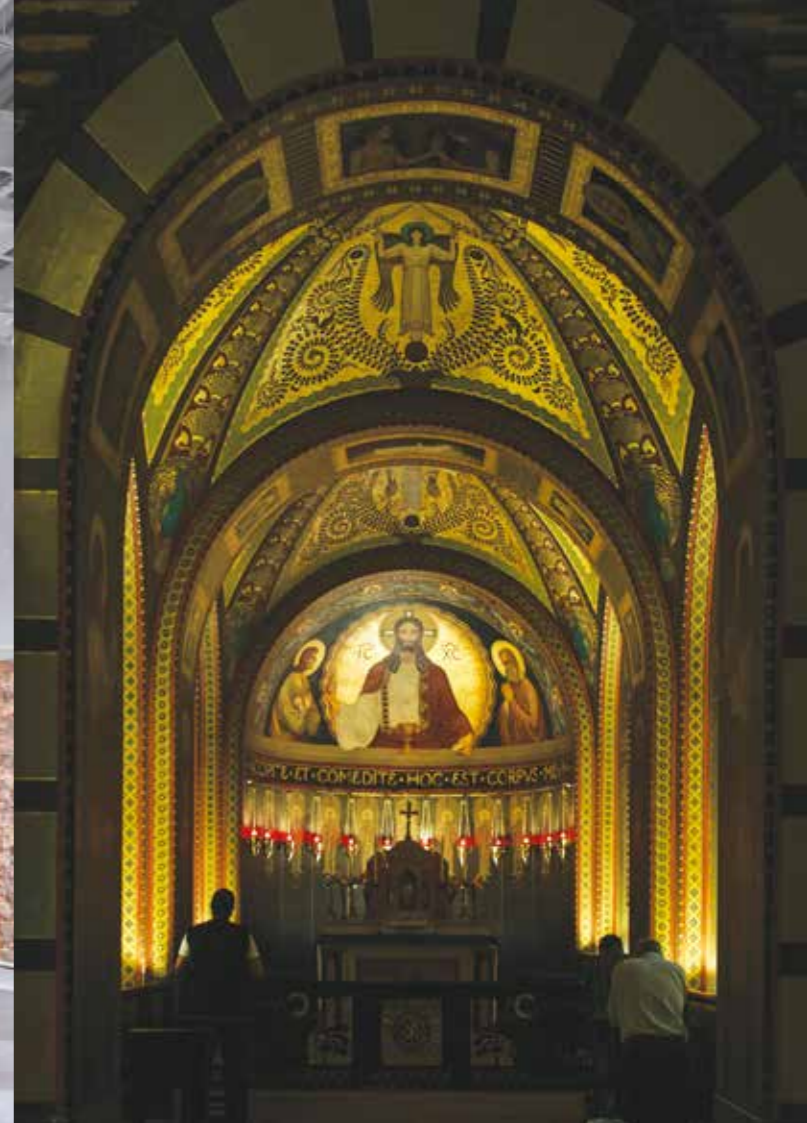




## Light makes art visible.

Christian Schneider-Moll is the founder of Stratas and the designer behind all of the lighting manufacturer's products. With Stratas, he created a range of expertly crafted lighting objects for museums and galleries.

InstaLighting feels privileged to be invited to continue writing this story going forward.



**Established in 2005 in a Berlin workshop, Stratas is today one of the world's leading manufacturers of hand-crafted high-end light fixtures for museums. What is the secret behind this success story?**

Quality is when you go your own way and stick to it resolutely. Stratas is a lighting manufacturer. This means that each product has been developed individually and in close consultation with highly specialised lighting designers. I have always been consistently geared to the needs of my customers and the requirements of exhibition organisers and the museum world.

**What qualities do lighting tools for art and architecture require?**

Light for museums means precision. Every work of art is a world of its own with its own colours, details, materials, dimensions and three-dimensional qualities. Lighting tools must be capable of bringing out these qualities while also being suitable for a large range of applications and settings.

**What role does the design of your products play in this?**

For me, design has a holistic vision: light distribution and optics, lumen and housing all form a single entity. While the aesthetic follows a minimalistic approach, making it as discreet as possible, the lighting technology is designed so that the art works and spaces can create a spectacular impression. The same applies to user friendliness, flexibility and maintenance. Good design is when it meets the needs of a museum, the art works displayed there and the museum staff in a single product.



# Stratas NV

Track system (48V) for  
Xicato XIM modules (CRI 98)



<b>NV80</b>	<b>NV80s</b>	<b>NV64zoom</b>	<b>NV64gobo</b>	<b>NV64profile</b>
Ø80/1750-2250 lm	Ø80/1050 lm	Ø64/1050 lm	Ø64/1050 lm	Ø64/1050 lm
20°/25°/38°/60°/ Wallwasher	11°/15°	14° - 53° Zoom	Gobo-Projector	Beamshaper
Bluetooth (BLE)	Bluetooth (BLE)	Bluetooth (BLE)	Bluetooth (BLE)	Bluetooth (BLE)





# Stratas MB64

Track system (3-phase, 230V) for  
Xicato XIM module (CRI 98) with Bluetooth



<b>MB64</b> Ø64/2100 lm 30°/33°/43°/60° Bluetooth (BLE) + Poti	<b>MB64s</b> Ø64/1000 lm 14°/18°/28°/36°/45°/60° Bluetooth (BLE) + Poti	<b>MB64zoom</b> Ø64/1000 lm 14° - 53° Zoom Bluetooth (BLE) + Poti	<b>MB64gobo</b> Ø64/1000 lm Gobo-Projector Bluetooth (BLE) + Poti	<b>MB64profile</b> Ø64/1000 lm Beamshaper Bluetooth (BLE) + Poti	<b>MB64ww</b> Ø64/2100 lm Wallwasher Bluetooth (BLE) + Poti
---	--	--	--	---	--



Hermitage, St. Petersburg

# Stratas MB

Track system (3-phase, 230V) for  
Xicato XTM module (CRI 98) with Poti/Dali



<b>MB</b>	<b>MBs</b>	<b>MBzoom</b>	<b>MBgobo</b>	<b>MBprofile</b>	<b>MBww</b>
Ø60/1300-2150 lm	Ø60/1750 lm	Ø60/1750 lm	Ø60/1750 lm	Ø60/1750 lm	Ø60/2150 lm
30°/33°/43°/60°	14°/18°/28°/36°/ 45°/60°	15° - 48° Zoom	Gobo-Projector	Beamshaper	Wallwasher
Poti/DALI	Poti/DALI	Poti/DALI	Poti/DALI	Poti/DALI	Poti/Dali





## Stratas XIC und BB

Track system (3-phase, 230V) for  
Xicato XIM or XTM module (CRI 98)  
with Poti/Dali/Bluetooth



<b>XIC</b>	<b>XICww</b>	<b>BB</b>	<b>BBww</b>
Ø80/1050-2400 lm	Ø80/1050-2400 lm	Ø120/1300-4000 lm	Ø120/1300-4000 lm
11°/17°/20°/40°/ 50°/WW	11°/17°/20°/40°/ 50°/WW	7°/13°/20°/40°/WW	7°/13°/20°/40°/WW
Poti/DALI/ Bluetooth (BLE)	Poti/DALI/ Bluetooth (BLE)	Poti/DALI/ Bluetooth (BLE)	Poti/DALI/ Bluetooth (BLE)



St. Petrikerche, Soest



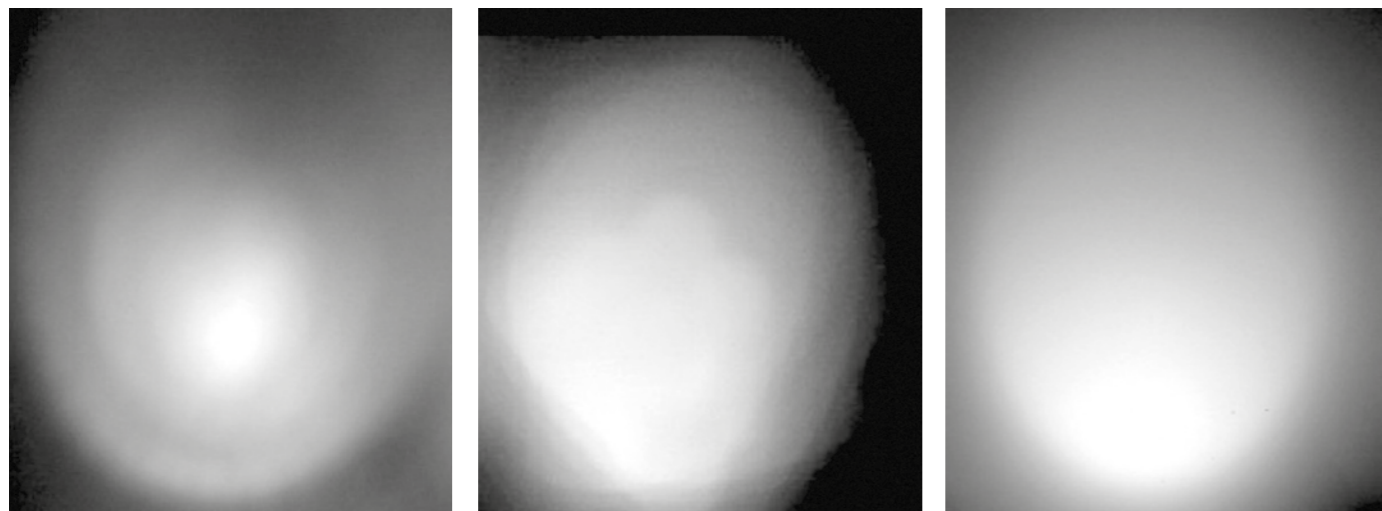
# Colour rendering and Xicato LED modules

Light sources that produce quality light combined with high-performance optics are the key to high-grade lighting in museums and galleries.

Natural light is perceived by the human eye as the perfect light for colour reproduction. This is because natural light covers all wavelengths between 380 and 700 nanometres (nm) continuously and without gaps. The Colour Rendering Index CRI shows how continuously, and hence naturally, an artificial light source is able to reproduce the full colour spectrum so that the illuminated objects appear authentically coloured. The best CRI value is 100, which corresponds to natural sunlight.

In contrast to products from many other LED manufacturers, Xicato LEDs achieve a Colour Rendering Index of 98 across the full colour spectrum from R1 to R15 with 50,000 hours of lumen lifespan. Even after thousands of hours of operation, there is no deterioration in colour rendition and light quality, making Xicato LED modules the ideal light source for museums, galleries and shops.

## Uniform light is the prerequisite for optimum illumination of objects



Halogen

Conventional LED

Xicato

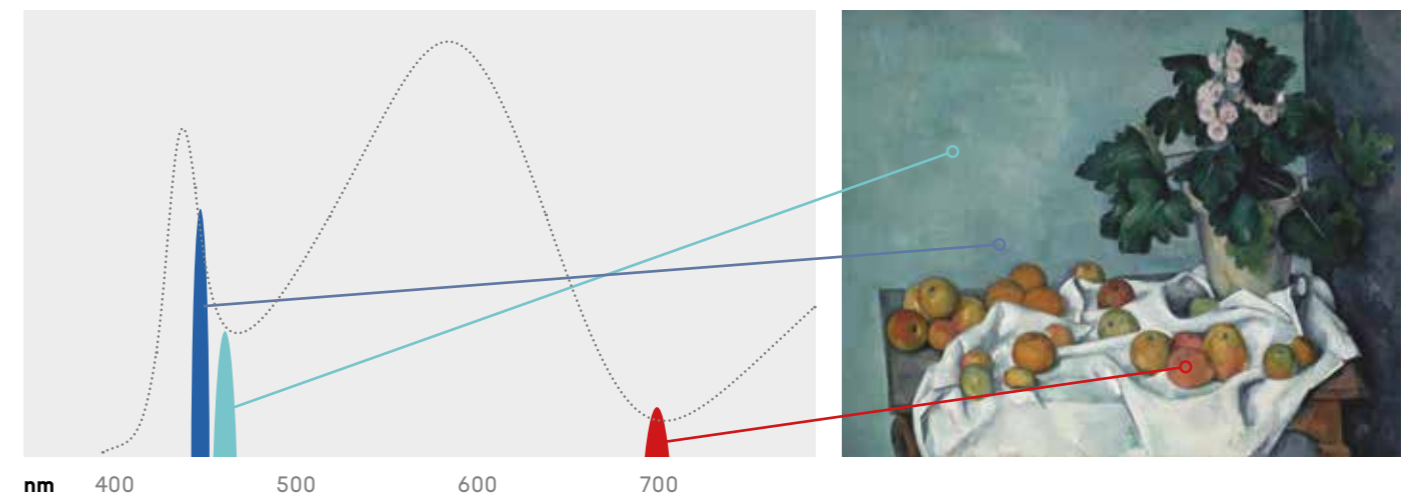
## Colour Rendering Index CRI

Xicato LED modules achieve a consistent value of 98

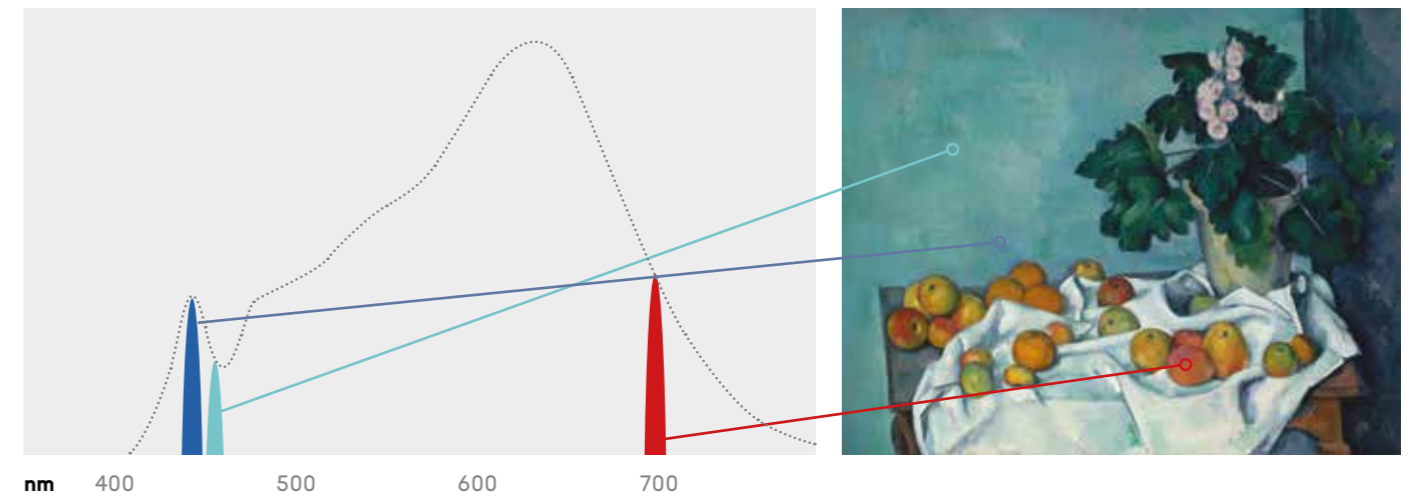
Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98

## Light quality and colour rendering

### Standard LED



### Xicato LED







**InstaLighting**

Instalighting GmbH  
Hohe Steinert 10  
58509 Lüdenscheid  
Germany

T + 49 2351 65619-0

[www.instalighting.de](http://www.instalighting.de)  
[info@instalighting.de](mailto:info@instalighting.de)

More information and downloads

 [\*\*instalighting.de/de/stratas\*\*](http://instalighting.de/de/stratas)