

english



STRATAS

Lichtwerkzeuge für Museen

Light tools for museums

CRI 98 from XICATO



Germanisches Nationalmuseum Nürnberg



STRATAS.MB / XIC / BB

230V - Track



MB profile

Ø 64 mm
960 lm
beamshaper



MB zoom

Ø 60 mm
960 lm
15° - 48°



MBs

Ø 60 mm
960 lm
14° - 60°



MB

Ø 60 mm
1300 - 2000 lm
30° - 60° /
wallwasher



XIC

Ø 80 mm
1050-2400 lm
11° - 50° /
wallwasher



BB

Ø 120 mm
1300-4000 lm
7° - 40° /
wallwasher

The Xicato LED-spotlight family uses the best colour rendering Xicato LED (CRI = 98) for illuminating artwork

The spotlight family from Stratas MB / XIC / BB und 02 was designed as a minimal construction-kit spotlight system for the Xicato XTM / XIM Artist Series 9-19mm LES modules. Being the best colour rendering LED in its class makes the Stratas spotlight family perfect for lighting spaces that demand correct reproduction of colour, such as artwork in galleries and museums. Available with a wide range of accessories to control glare and distribute light correctly, even in the most challenging circumstances.

With a characteristic slot around its body, the design of the Stratas.MB maximises its heatsink's performance whilst maintaining a clean aesthetic and a compact overall size. The Stratas.MB can be equipped with interchangeable lens (narrow spot, spot, medium, flood) and a honeycomb anti-glare louvre, all of which can be changed without tools for fast, easy installation. Each housing is manufactured to the highest quality control standards in powder coated aluminium

new

STRATAS.MB profile



MB profile

960 lm
Ø 60 mm
beamshaper
XTM 9 mm LES

Xicato XTM LED (CRI = 98) profile

luminaire

- small construction-kit spotlight system Ø 60mm
- beamshaper

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM-module LES 9mm
MBp-XTM-9, 960lm, typ. 16W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- beamshaper

accessoires

- snoot

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=70, h=35) or recessed

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

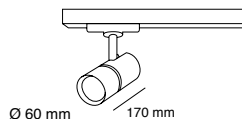
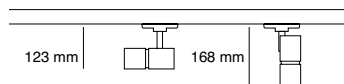
miscellaneous

- system typ. 17W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



illuminance E (lx)
max. square edge length A (m)
distance H (m)

H (m)	E (lx)	A (m)
2m	500 lx	0,6 m
3m	222 lx	0,9 m
4m	125 lx	1,2 m
6m	55 lx	1,8 m
8m	31 lx	2,4 m



STRATAS.MB zoom



MB zoom

960 lm
Ø 60 mm
15° - 48° zoom
XTM 9 mm

Xicato XTM LED (CRI = 98) zoom-spotlight

luminaire

- small construction-kit spotlight system Ø 60mm
- zoom-optic

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM-module LES 9mm
MBz-XTM-9, 960lm, typ. 16W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 1x zoomlens 15°-48°

accessoires

- snoot
- diffusor
- sculpture lens

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=70, h=35) or recessed

orientation

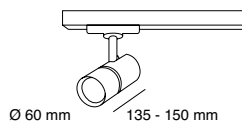
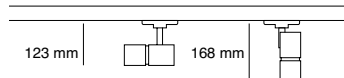
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 17W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



STRATAS.MBs



MBs

960 lm
Ø 60 mm
spot
XTM 9 mm LES

Xicato XTM LED (CRI = 98) spotlight

luminaire

- small construction-kit spotlight system Ø 60mm
- with changeable optics

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM module LES 9 mm
MBs-XTM-9, 960lm, typ. 16W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 14° / 18° / 28° / 36° / 45° / 60°
- toolless exchange of lenses and reflectors

accessoires

- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=70, h=35) or recessed

orientation

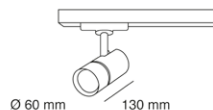
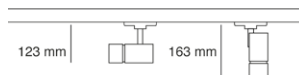
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 17W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



STRATAS.MB



Xicato XTM LED (CRI = 98) spotlight / wall washer

luminaire

- small construction-kit spotlight system Ø 60mm
- with changeable optics

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM module 19mm
MB-XTM-19, 1300lm, typ. 16W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs and **2000lm** on request

beam angle

- 30° / 33° / 43° / 60° / wallwasher
- toolless exchange of lenses and wall washer front

accessoires

- wall washer front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=70, h=35) or recessed

orientation

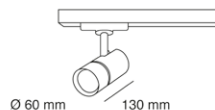
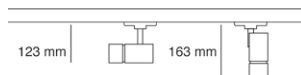
- 0°- 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 17W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



STRATAS.XIC



XIC

1050-2400 lm
Ø 80 mm
spot / wallwasher
XTM 9 / 19 mm LES
XIM 9 / 19 mm LES

The best colour rendering Xicato XTM/XIM LED (CRI = 98) spotlight / wallwasher

luminaire

- small construction-kit spotlight system Ø 80mm
- with changeable optics
- optional integrated electronic (XIM-Modul)

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM and XIM-module LES 9 mm and 19mm
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 11° / 17° / 20° / 40° / 50° / wallwasher
- toolless exchange of reflectors and wallwasher front

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming
- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V / (EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=80, h=35) or recessed

orientation

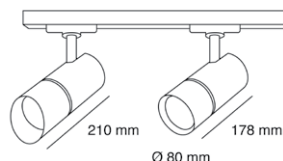
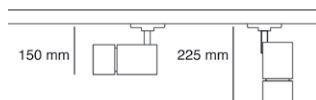
- 0°- 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- Operating temperature: -25°C to 35°C
- weight: 1,25 kg



XIC XTM-19

XTM-module	1800 - 2400 lm	19mm
spot / wallwasher	1-10V / 0-10V / DALI	230V-Track

Xicato XTM-LED

(CRI = 98) spotlight / wallwasher

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
XTM-module LES 19mm
XIC-XTM-19, 1800 lm, typ. 25W
XIC-XTM2-19, 2400 lm, typ. 24W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 17° / 20° / 40° / 50° / wallwasher
- toolless exchange of reflectors and wallwasher front

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=80, h=35) or recessed

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 27W / 28 W
- Operating temperature: -25°C to 35°C
- weight: 1,25 kg

XIC XTM-9

XTM-module	1050 lm	9mm
narrow-spot	1-10V / 0-10V / DALI	230V-Track

Xicato XTM-LED

(CRI = 98) spotlight

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
XTM-module LES 9mm
XIC-XTM-9, 1050 lm, typ. 23W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 11°

accessoires

- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=80, h=35) or recessed

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 26W
- Operating temperature: -25°C to 35°C
- weight: 1,25 kg

XIC XIM-19

XIM-module	2000 lm	19mm
spot / wallwasher	DALI + 0-10V + BLE	230V-Track

Xicato XIM-LED

(CRI = 98) spotlight / wallwasher

lamp

- XICATO / XIM Artist modul with integrated control (CRI = 98 / R9=95), XIM-module LES 19mm
XIC-XIM-19, 2000 lm, typ. 27W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 17° / 20° / 40° / 50° / wallwasher
- toolless exchange of reflectors and wallwasher front

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V (EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=80, h=35) or recessed

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 28W
- Operating temperature: -25°C to 35°C
- weight: 1,25 kg

XIC XIM-9

XIM-module	1150 lm	9mm
narrow-spot	DALI + 0-10V + BLE	230V-Track

Xicato XIM-LED

(CRI = 98) spotlight

lamp

- XICATO / XIM Artist modul with integrated control (CRI = 98 / R9=95), XIM-module LES 9mm
XIC-XIM-9, 1150 lm, typ. 23W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 11°

accessoires

- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V (EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=80, h=35) or recessed

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 25W
- Operating temperature: -25°C to 35°C
- weight: 1,25 kg

STRATAS.BB



BB

1300-4000 lm
Ø 120 mm
spot / wallwasher
XTM 9 / 19 mm LES
XIM 9 / 19 mm LES

Xicato XTM/XIM LED (CRI = 98) spotlight / wallwasher**luminaire**

- high output construction-kit spotlight system Ø 120mm
- with changeable optics
- optional integrated electronic (XIM-Modul)

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato XTM and XIM-module LES 9 mm and 19mm
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 7° / 13° / 20° / 40° / wallwasher
- toolless exchange of reflectors and wallwasher front

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming
- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=120, h=30)

orientation

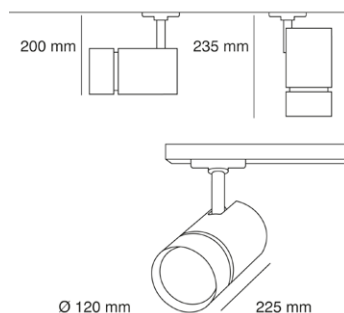
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- Operating temperature: -25°C to 35°C
- weight: 2,75 kg



BB XTM-19

XTM-module	3000 lm / 4000 lm	19mm-LES
spot / wallwasher	1-10V / 0-10V / DALI	230V-Track

Xicato XTM-LED (CRI = 98) spotlight / wallwasher

lamp

- XICATO / XTM Artist module
Xicato module LES 19mm (CRI = 98 / R9=95),
BB-XTM-19, 3000lm, typ. 31W
BB-XTM2-19, 4000lm, typ. 45W
- colour temperature:
3000 K (2700 K, 3500 K, 4000 K on request),
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 13° / 20° / 40° / wallwasher
- toolless exchange of reflectors and wallwasher

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=120, h=30)

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 34W / 54W
- Operating temperature: -25°C to 35°C
- weight: 2,75 kg

BB XTM-9

XTM-module	2000 lm	9mm-LES
narrow / spot	1-10V / 0-10V / DALI	230V-Track

Xicato XTM-LED (CRI = 98) spotlight

lamp

- XICATO / XTM Artist module
Xicato module LES 9mm, (CRI = 98 / R9=95),
BB-XTM-9, 2000lm, typ. 41W
- colour temperature:
3000 K (2700 K, 3500 K, 4000 K on request),
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 7° / 13°
- toolless exchange of reflectors

accessoires

- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XTM
 - potentiometer / 10-100% dimming
 - potentiometer / flicker free / 0,1-100% dimming
 - DALI / flicker free / 0,1-100% dimming
 - DALI + potentiometer / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=120, h=30)

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 47W
- Operating temperature: -25°C to 35°C
- weight: 2,75 kg

BB XIM-19

XIM-module	3000 lm	19mm-LES
spot / wallwasher	DALI + 0-10V + BLE	230V-Track

Xicato XIM-LED (CRI = 98) spotlight / wallwasher

lamp

- XICATO / XIM Artist module (integrated control)
Xicato module LES 19mm (CRI = 98 / R9=95),
BB-XIM-19, 3000 lm, typ. 37W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 13° / 20° / 40° / wallwasher
- toolless exchange of reflectors and wallwasher front

accessoires

- wallwasher front angled
- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=120, h=30)

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 40W
- Operating temperature: -25°C to 35°C
- weight: 2,75 kg

BB XIM-9

XIM-module	1300 lm	9mm-LES
narrow / spot	DALI + 0-10V + BLE	230V-Track

Xicato XIM-LED (CRI = 98) spotlight

lamp

- XICATO / XIM Artist module (integrated control)
Xicato module LES 9mm (CRI = 98 / R9=95),
BB-XIM-9, 1300 lm, typ. 28W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 7° / 13°
- toolless exchange of reflectors

accessoires

- honey comb
- snoot
- diffusor
- sculpture lens
- barn doors

control

- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 230V
(EUTRAC / STUCCHI 3-phase multiadapter with data option)
- surface mount (Ø=120, h=30)

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 31W
- Operating temperature: -25°C to 35°C
- weight: 2,75 kg



Hermitage, St. Petersburg



48V - Track



NV64 profile

Ø 64 mm
1050 lm
beamshaper



NV64 zoom

Ø 64 mm
1050 lm
14° - 53°



NV80s

Ø 80 mm
1050 lm
11° - 15°



NV80

Ø 80 mm
1750-2250 lm
20° - 60° /
wallwasher

new

STRATAS.NV64 profile



NV64 profile

1050 lm
Ø 64 mm
beamshaper
XIM 9 mm LES

Xicato XIM LED (CRI = 98) profile

luminaire

- small construction-kit spotlight system Ø 64mm
- beamshaper

lamp

- XICATO / XIM-Artist (CRI = 98 / R9=95)
Xicato Module LES 9mm,
NV64p-XIM-9, 1050lm, typ. 22W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h – L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- beamshaper

accessoires

- snoot

control

- XIM with Bluetooth low Energie (BLE)
- BLE / flicker free / 0,1-100% dimming / dimming control with iOS
or Android app
- DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 48V DALI / EUTRAC
- surface mount

orientation

- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

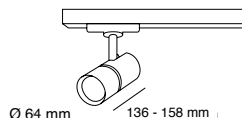
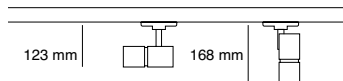
miscellaneous

- system typ. 22W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



illuminance E (lx)
max. square edge length A (m)
distance H (m)

H (m)	E (lx)	A (m)
2m	550 lx	0,6 m
3m	244 lx	0,9 m
4m	137 lx	1,2 m
6m	61 lx	1,8 m
8m	34 lx	2,4 m



new

STRATAS.NV64 zoom



NV64 zoom

1050 lm
Ø 64 mm
14° - 53° zoom
XIM 9 mm LES

Xicato XIM LED (CRI = 98)

zoom-spotlight for 48V track with Bluetooth (BLE) and dali-control

luminaire

- small construction-kit spotlight system Ø 64mm
- with zoom-optic

lamp

- XICATO / XIM-Artist (CRI = 98 / R9=95)
Xicato Module LES 9mm,
NV64z-XIM-9, 1050lm, typ. 22W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h – L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- zoomlens 14°-53°

accessoires

- snoot
- diffusor
- sculpture lens

control

- XIM with Bluetooth low Energie (BLE)
- BLE / flicker free / 0,1-100% dimming / dimming control with iOS
or Android app
- DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 48V DALI / EUTRAC
- surface mount

orientation

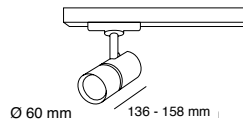
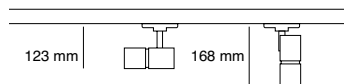
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 22W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



new

STRATAS.NV80s



NV80s

1050 lm
Ø 80 mm
spot
XiM 9 mm LES

Xicato XiM LED (CRI = 98)

spotlight for 48V track with Bluetooth (BLE) and dalicontrol and 0-10V

luminaire

- small construction-kit spotlight system Ø 80mm, with short luminaire body, for 48V track
- with changeable optics

lamp

- Xicato XiM-Artist (CRI = 98 / R9=95)
Xicato - module LES 9mm,
NV80s-XiM-19, 1050lm, typ. 22W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h – L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 11° / 15°
- toolless exchange of lenses

accessoires

- snoot
- honey comb
- diffusor
- sculpture lens
- barn doors

control

- XiM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 48V DALI / EUTRAC
- surface mount

orientation

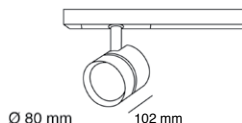
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 22W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



new

STRATAS.NV80



NV80

1750-2250 lm

Ø 80 mm

spot / ww

XIM 19 mm LES

Xicato XIM LED (CRI = 98) spotlight / wallwasher for 48V track and Bluetooth (BLE) and dalicontrol and 0-10V

luminaire

- small construction-kit spotlight system Ø 80mm, with short luminaire body, for 48V track
- with changeable optics

lamp

- XICATO / XIM-Artist (CRI = 98 / R9=95)
Xicato module LES 19mm,
NV80-XIM-19, 1750 lm, typ. 25W
NV80-XIM2-19, 2250 lm, typ 23W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h – L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 20° / 25° / 38° / 60° / wallwasher
- toolless exchange of lenses and wall washer front

accessoires

- wallwasher front angled
- snoot
- diffuser
- sculpture lens
- barn doors

control

- XIM with Bluetooth low Energie (BLE)
 - BLE + potentiometer / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - BLE / flicker free / 0,1-100% dimming / dimming control with iOS or Android app
 - DALI / flicker free / 0,1-100% dimming

mounting

- track adapter 48V DALI / EUTRAC
- surface mount

orientation

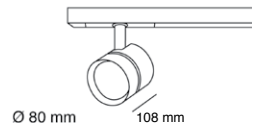
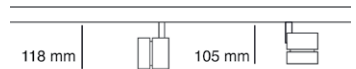
- 0° - 90° vertical tilt and 360° rotation.

material / colour

- aluminium, powder coated
- white, silver, black (other colours available on request)

miscellaneous

- system typ. 25W / 23W
- Operating temperature: -25°C to 35°C
- weight: 0,6 kg



Germanisches Nationalmuseum Nürnberg





Stille und Ruhe

Die Stille und Ruhe

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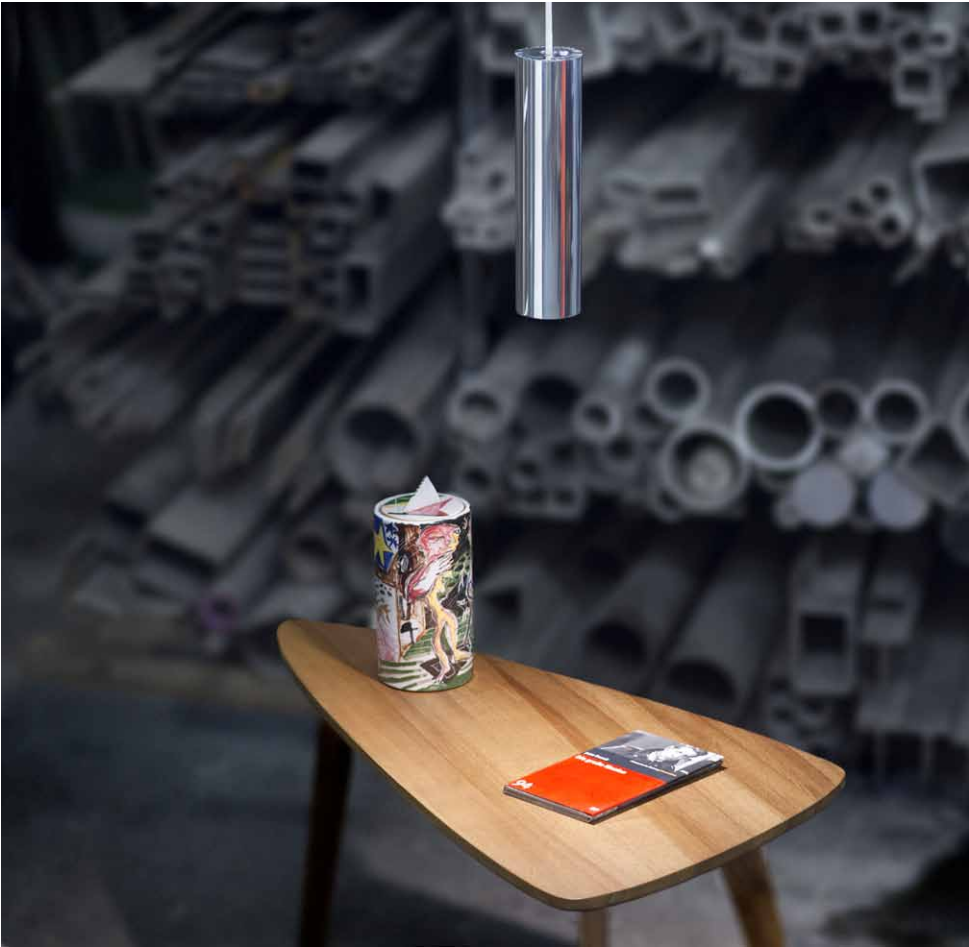
Die Stille und Ruhe

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STRATAS.RR



RR

1250 lm
Ø 70 mm
40° / 60°
XTM 19 mm LES

Pendulum light with Xicato Artist LED module

The Stratas.RR is a minimal LED pendulum light designed specifically for the Xicato XTM Artist Series.

Being the best colour rendering LED in its class makes Stratas.RR perfect for interior environments.

As a single pendant, in series or as a set Stratas.RR combines a clean aesthetic with an outstanding performance to serve perfect lighting as well as a characteristic ambience.

Each housing is manufactured in aluminium with different finishes. Available in a broad range of colours.

luminaire

- pendulum light tube Ø 70mm

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato module LES 19mm
1250lm, typ. 16W
- colour temperature: 3000 K (2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

beam angle

- 2 reflectors 40° / 60°

control

- LED driver is in the tube, canopy not necessary, canopy (also for groups) on request
- XTM - Integrated electronic LED driver and potentiometer for dimming-control. (alternative DALI)

mounting

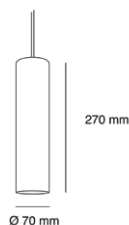
- canopy stand alone or for groups

material / colour

- aluminium, powder coated / anodized
- white, silver, black (other colours available on request)

miscellaneous

- Operating temperature: -25°C to 35°C
- weight: 1,4 kg



STRATAS.RS



Pendulum light with Xicato Artist LED module

The Stratas.RS has been developed from a simple observation: When lighting artworks with the best light quality, if the rest of the room is lit with poor CRI fluorescent or LED lights these ambient lights will inevitably light the artworks as well. This lower quality ambient light negatively impacts the normally superior quality of the Xicato light.

The Stratas.RS provides a perfect solution for this problem. When using Stratas spotlights or wallwashers for lighting artworks, the Stratas.RS provides the room with ambient light of equivalent quality. This gives all light sources in the room the superlative quality of Xicato. In addition, the minimal aesthetic appearance matches the elegance of the primary Stratas instruments.

As a single pendant, or in combination with Stratas Spotlights or Wall Washers, the Stratas.RS combines a clean aesthetic with an outstanding performance to provide perfect ambient lighting.

luminaire

- pendant light glas sphere Ø 300mm

lamp

- XICATO / XTM Artist (CRI = 98 / R9=95)
Xicato module LES 19mm
1800lm, typ. 23W
- colour temperature: 3000 K
(2700 K, 3500 K, 4000 K on request)
1x2 step MacAdam initial.
- life hours: 50,000 h - L70/B0/F0
- Colour and lumen consistent over life
- other Xicato-LEDs on request

control

- electronic LED driver and potentiometer for dimming-control in canopy or track mount
- 1-10v or DALI available on request

mounting

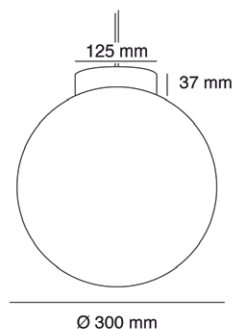
- Canopy or track mount

material / colour

- aluminium, powder coated, opal glas sphere matted
- white (other colours available on request)

miscellaneous

- system typ. 24W
- Operating temperature: -25°C to 35°C
- weight: 1,1 kg



About STRATAS

Our main focus in design is to combine the exceptional quality of Xicato LED modules with our high quality approach of functionality and a clean aesthetic. The awareness of the advantages that quality light serves, the effects and influences good lighting achieves in diverse settings and living situations. These are the topics that make us appreciate Xicato highly as a partner.

Why Xicato LEDs?

Tungsten lighting, even though it has improved over the years – like halogen, it remains a technology from 1904 with very poor efficiency: 1.9% (12.6 Lm/W) to 3.5% (24 Lm/W). Other technologies, like mercury vapour and metal halide have much better efficiency but terrible light quality and generate a lot of UV, which must then be filtered out to protect artworks. Fluorescent tubes have good efficiency, but produce too much UV. They are not suitable as spotlights and it's rare to find any with good colour rendering.

With about 80 Lm/W for the Artist series, Xicato has allowed us the possibility of designing an efficient spotlight without compromise of light quality, an even better light beam than tungsten and significantly less UV generation.

Besides this, all other lighting solutions (aside from tungsten and LED) contain mercury, a highly pollutant chemical element. Stratas fixtures are completely free of mercury and are ROHS compliant. They simply last longer than any other light source, saving to throw out bulbs with mercury every month.

Unlike most other LED manufacturers, Xicato LEDs achieve 98 CRI from R1 to R15, within 1 x 2 MacAdam, and 50,000 hrs colour and lumen maintenance. Meaning that, even after thousands of hours of operation there will be no decrease in light or colour difference between any two Stratas fixtures.

Another advantage Xicato provides is a lot of power into one single LED chip, where other track fixtures sometime use a combination of several lower power LEDs, producing multiple shadows, the light beam of Stratas fixtures are adjustable in a wide range angle while preserving clean light and smooth shadows.

With all the benefits of Xicato LEDs, Stratas fixtures are the perfect product for gallery and museum lighting or anywhere the light quality must be of a high grade in a discreet fixture.

A long lifetime and reduced energy usage, Stratas light fixtures are of enduring benefit, save energy and maintenance for at least 5 years is not necessary.

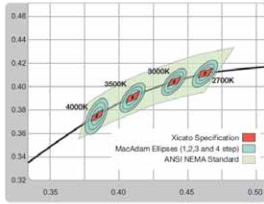
Importance of colour rendering.

Light is natural – and our way of perceiving it, is in a continuous spectrum from around 390 to 700nm. This perfect spectrum can have a different colour temperature. Tungsten, for example, is close to sun quality, just warmed up at lower temperature than to have descent lifetime. Tungsten fixtures have a colour temperature between 2800 K and 3200 K. Our eyes in combination with our brain is able to adjust our vision according to these colour temperatures.

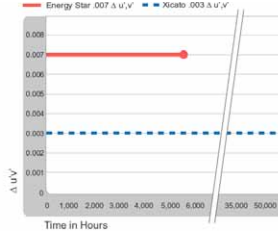
The problem with colour perception appears when the light is not a continuous spectrum following the black body colours temperatures. This is why we use the CRI (Colour Rendering Index) to quantify the quality of the light to reconstitute proper colours. Bad CRI light sources don't actually have a full spectrum, but an association of colour rays, or some blocks of rays that are weaker, which all together give the feeling that we see all the colours even if we can't.

These poor CRI lights may be suitable for many everyday applications however, to have a proper perception of colours which have been meticulously chosen, like paint hues, pictures, prints, high end products... a good CRI is indispensable.

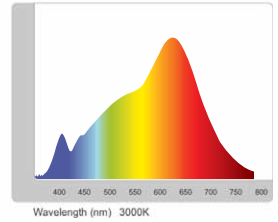
Colour consistency - Initial



Colour consistency - Maintained

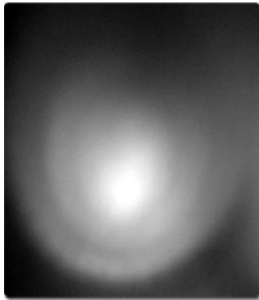


Spectral Power Distribution

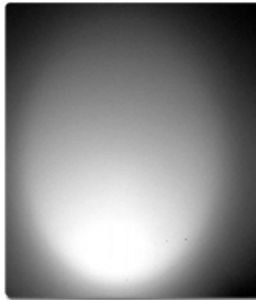


Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98	98	99	98	98	98	97	98	98	98	99	98	88	98	98	98

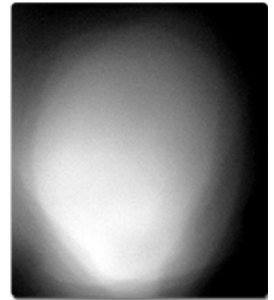
Colour Rendering Index



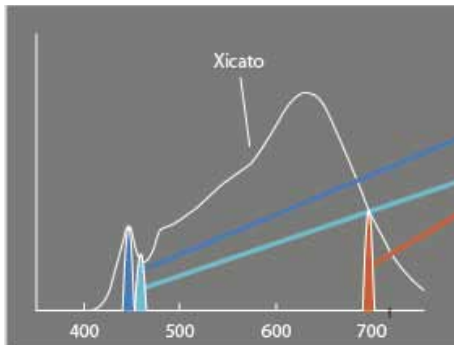
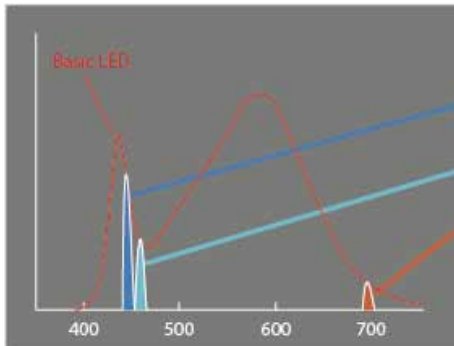
halogen



XICATO



LED array



images from www.xicato.com



STRATAS
Lichtwerkzeuge für Museen

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