

Muzeum Etnograficzne oddz. Muzeum Narodowego w Poznaniu

Instalacja INSTALACJA ILUMINACJI ELEWACJI

Numer projektu

Klient

Projektował: : mgr inż. Krzysztof Sokołowski

Data : 09.11.2022

Wyniki obliczeń uzyskane są w oparciu o wzorcowe źródła oświetlenia. W rzeczywistości mogą się one nieznacznie zmienić.

Gwarancja na oprawy oświetleniowe nie obejmuje danych tych opraw.

Producent nie odpowiada za szkody powstałe w wyniku użytkowania programu.

2 Fasada od ogrodu 1

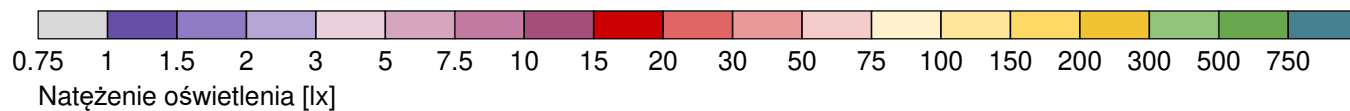
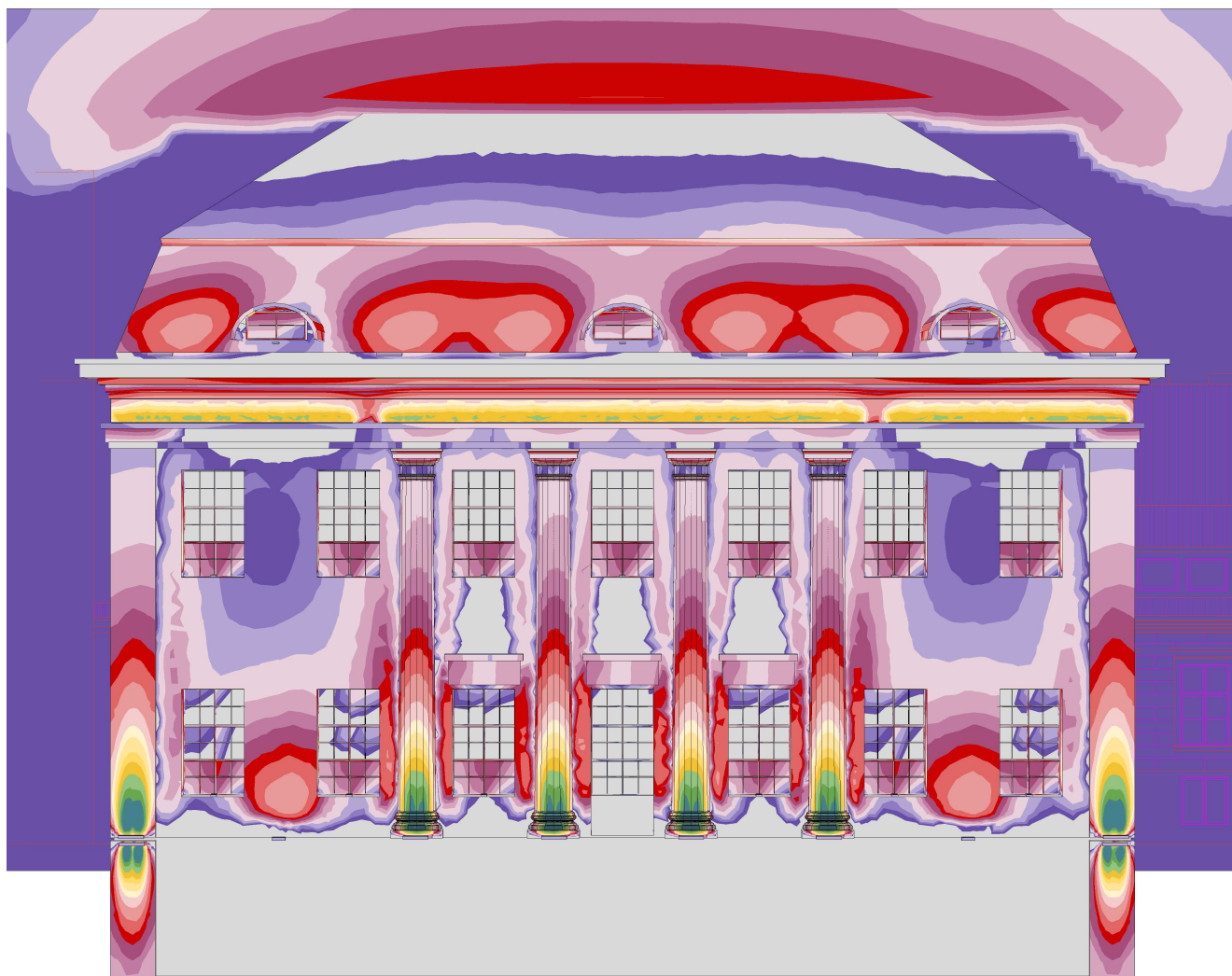
2.1 Wyniki obliczeń, Fasada od ogrodu 1

2.1.1 3D luminancja, Widok z góry



2.1 Wyniki obliczeń, Fasada od ogrodu 1

2.1.2 3D Pseudo kolory, Widok z góry (E)



3 Fasada od ogrodu 2

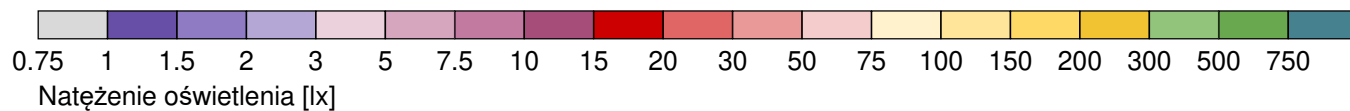
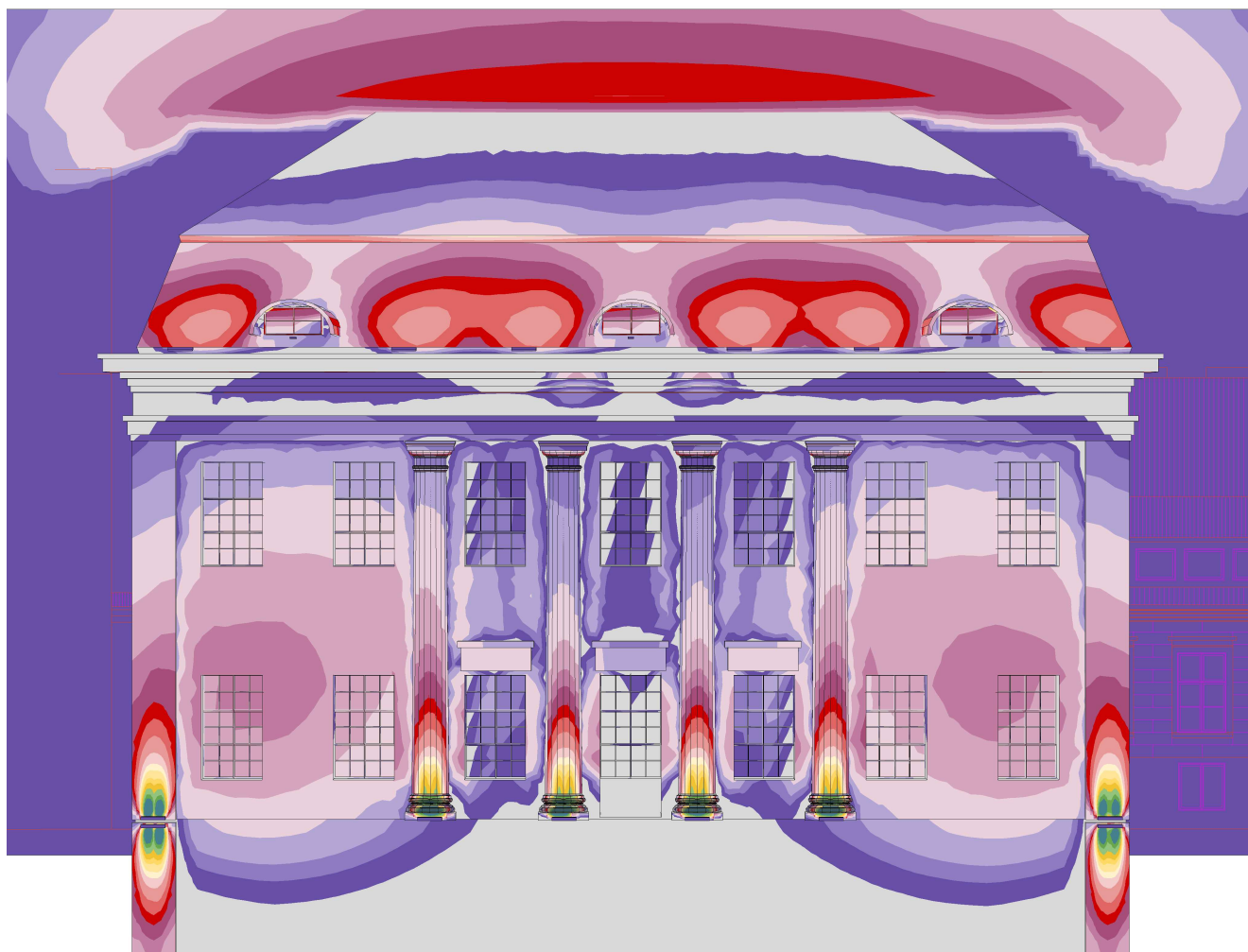
3.1 Wyniki obliczeń, Fasada od ogrodu 2

3.1.1 3D luminancja, Widok z góry



3.1 Wyniki obliczeń, Fasada od ogrodu 2

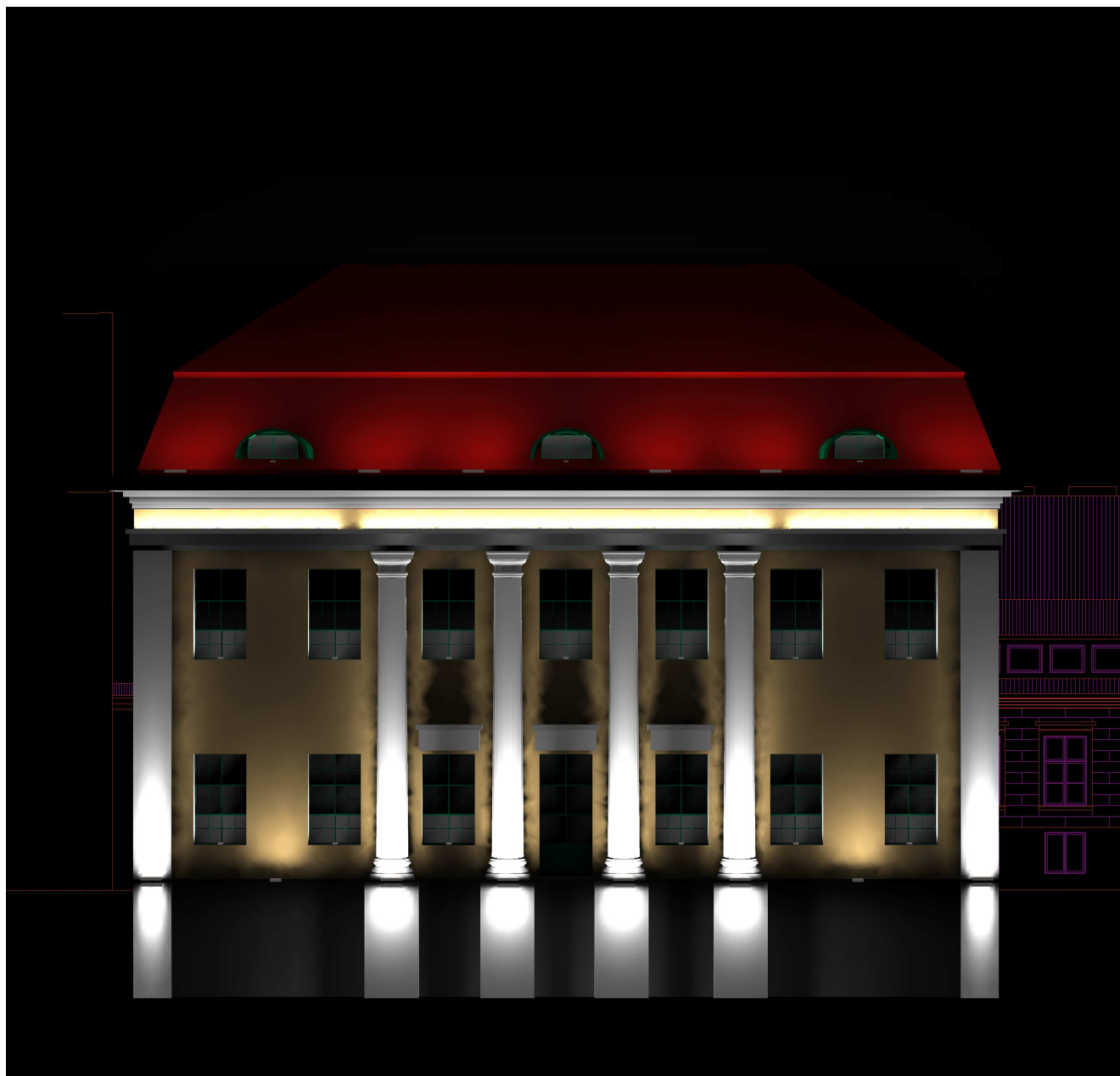
3.1.2 3D Pseudo kolory, Widok z góry (E)



4 Fasada od ulicy 1

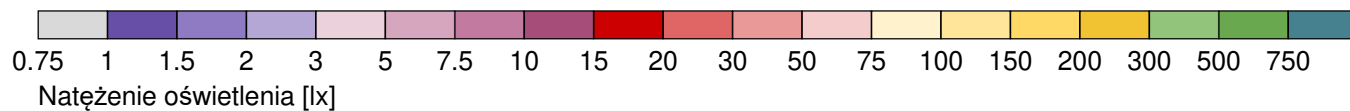
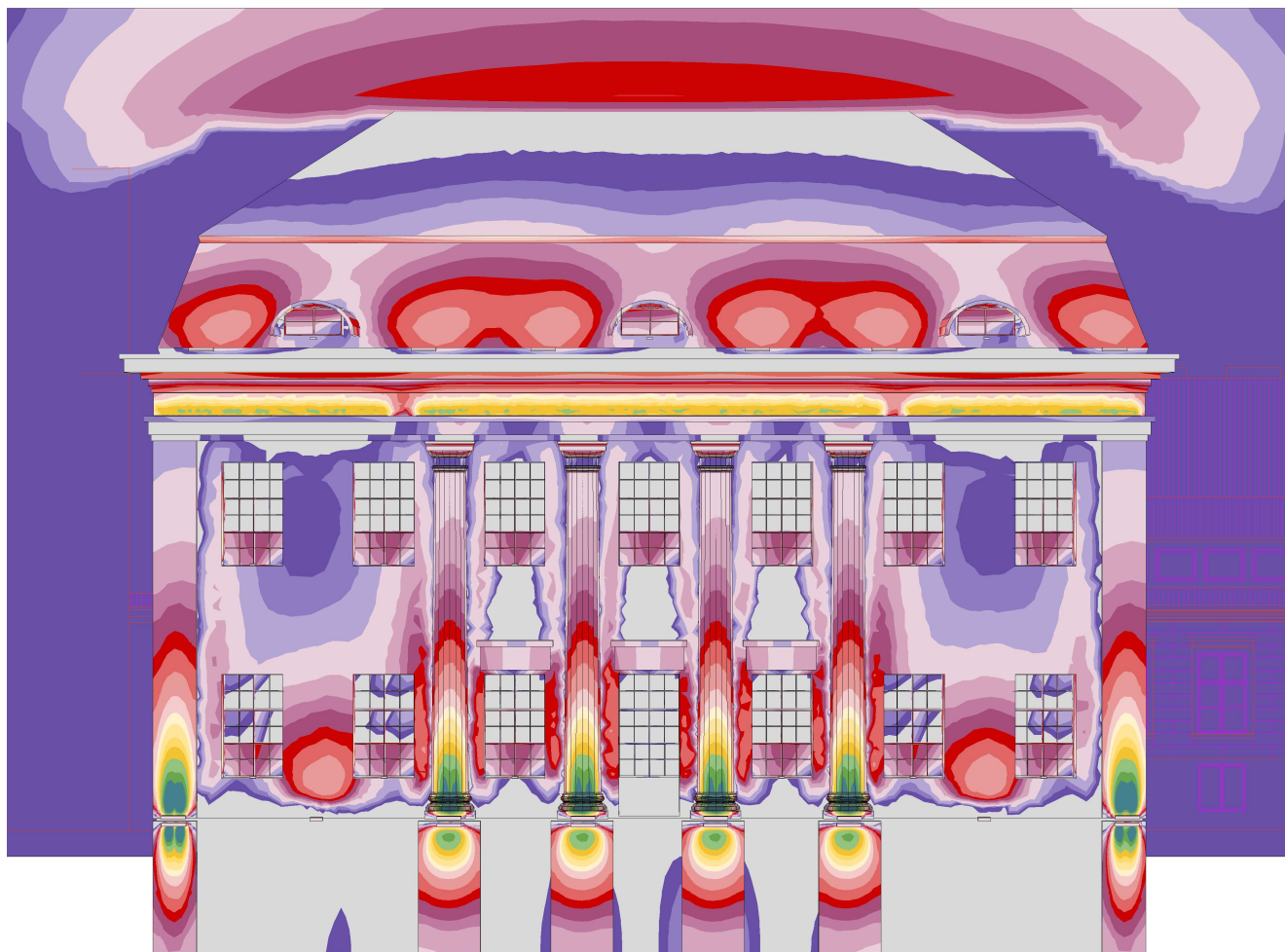
4.1 Wyniki obliczeń, Fasada od ulicy 1

4.1.1 3D luminancja, Widok z góry



4.1 Wyniki obliczeń, Fasada od ulicy 1

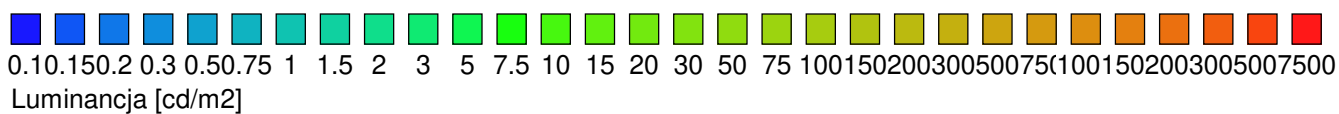
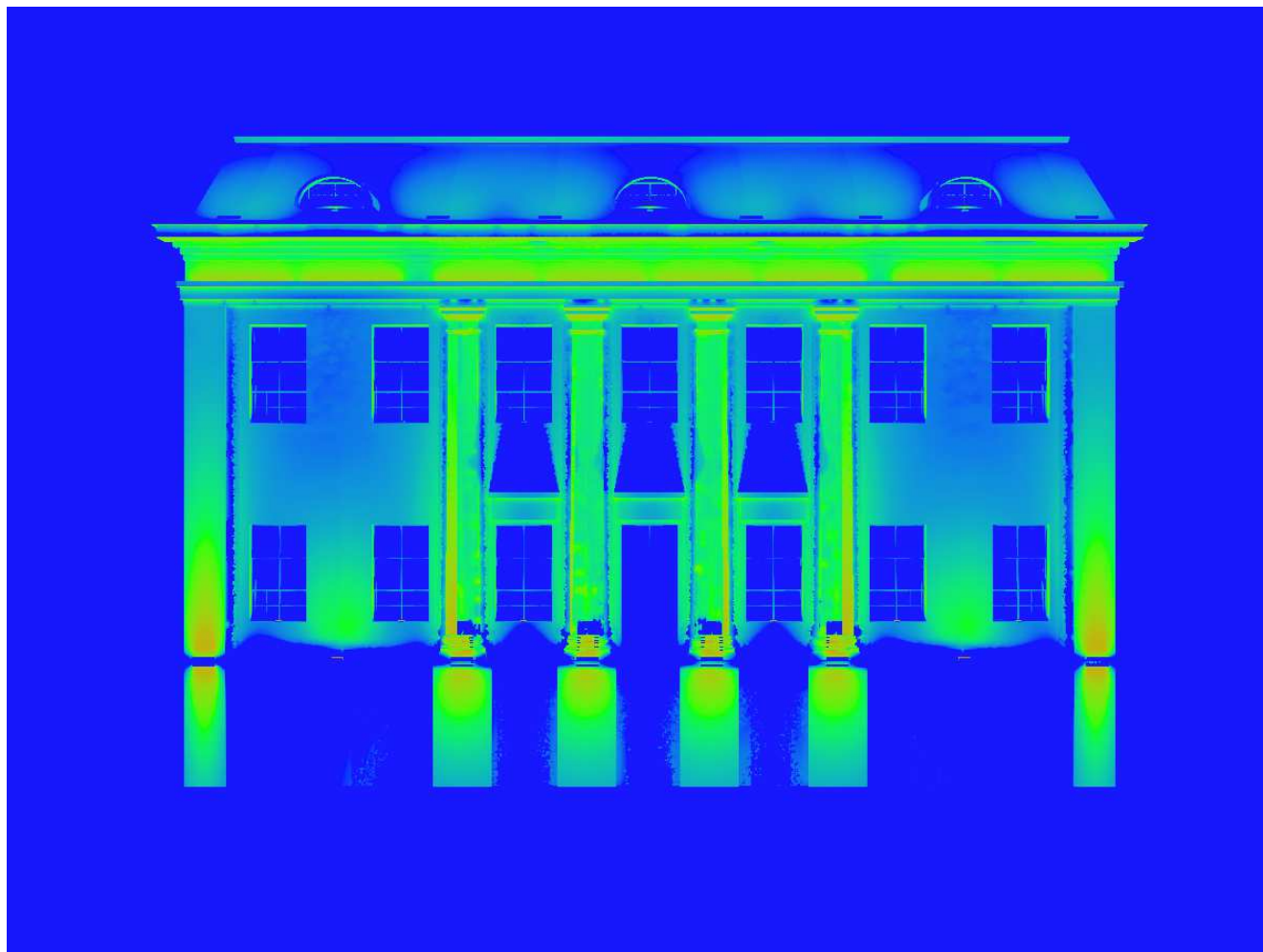
4.1.2 3D Pseudo kolory, Widok z góry (E)



4 Fasada od ulicy 1

4.2 Wyniki obliczeń, Fasada od ulicy 1

4.2.2 3D Pseudo kolory (raytracing), Widok z góry (E)



Luminancja na rysunku:

Minimum: : 0 cd/m²

Maximum: : 1050 cd/m²

Obliczenie oświetlenia elektrycznego: Skład. główna, odbicia: 2

5 Fasada od ulicy 2

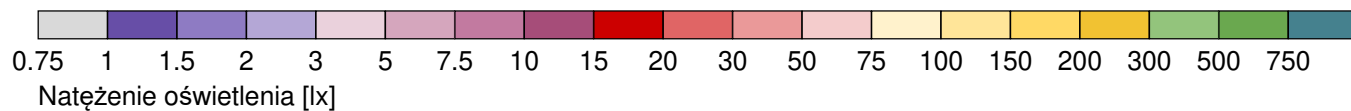
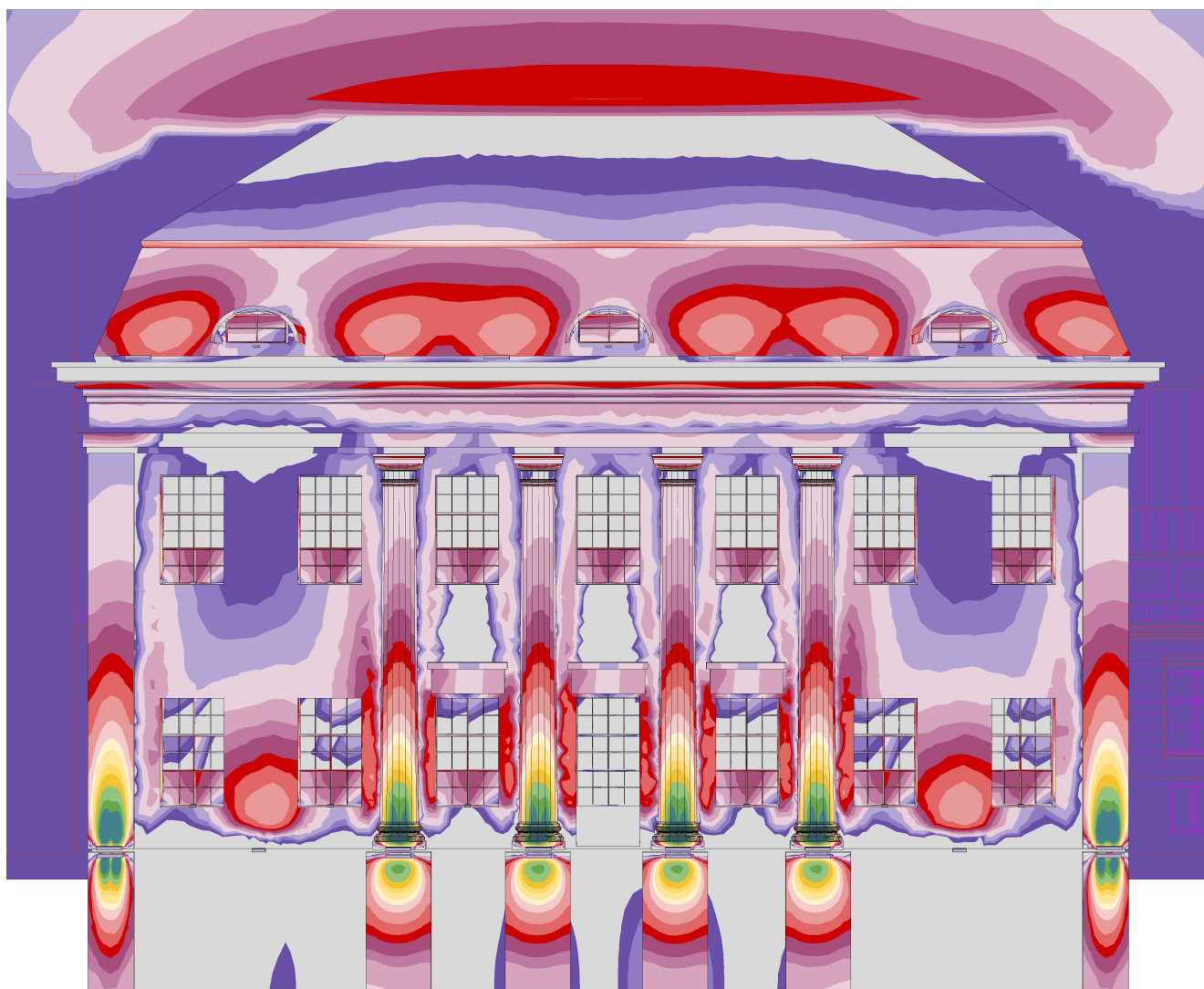
5.1 Wyniki obliczeń, Fasada od ulicy 2

5.1.1 3D luminancja, Widok z góry



5.1 Wyniki obliczeń, Fasada od ulicy 2

5.1.2 3D Pseudo kolory, Widok z góry (E)



96271768 VIOO 1L120 830 ANT

LED 5W LED_VIOO_3K	IP65	IK10	⏏	CE	⚡	EAC	⚡	⚡	⚡	⚡	⚡
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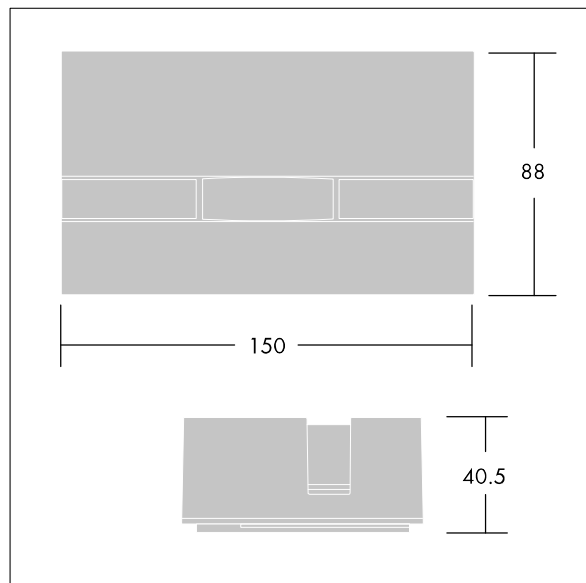
Vioo

Small LED floodlight for window surround illumination. 1 LED driven at a constant 1.2A. Body: die-cast aluminium (AB47100) with high corrosion resistance, painted dark grey. Front lens: polycarbonate. Class I electrical, IP65, IK10. Pre-wired with 1,5m H05-RNF cable. Complete with 3000K LED

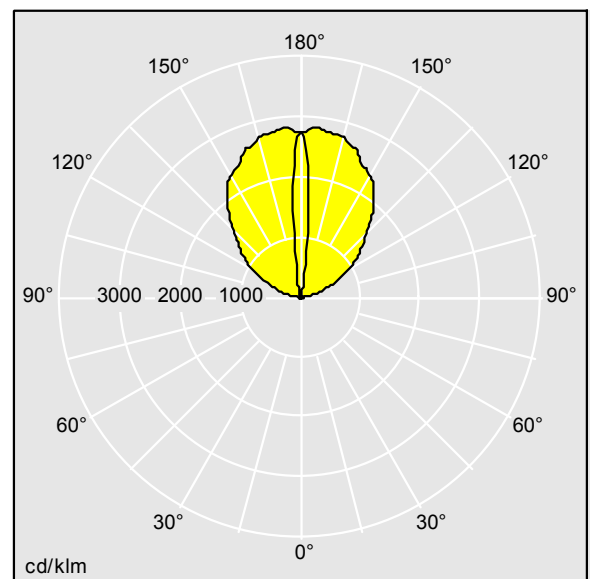
Dimensions: 150 x 90 x 40 mm
 Luminaire input power: 4.7 W
 Luminaire luminous flux: 151 lm
 Luminaire efficacy: 32 lm/W
 Weight: 0.71 kg



TLG_VIOO_F_PDB.jpg



TLG_VIOO_M_LD1.wmf



TLLA_VIOO3K_DC.ltd

Lamp position: STD - standard
 Light Source: LED
 Luminaire luminous flux*: 151 lm
 Luminaire efficacy*: 32 lm/W
 Colour Rendering Index min.: 80
 LOR: 1,00 ULOR: 1,00 DLOR: 0,00

Correlated colour temperature: 3000 Kelvin
 Rated median useful life*:
 50000h at 25°C
 Ballast: 1x EL2
 Luminaire input power*: 4.7 W Power factor = 0.6
 Dimming: FO

BLADE SI

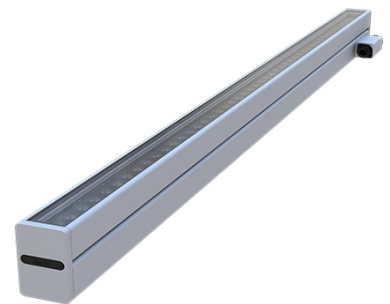
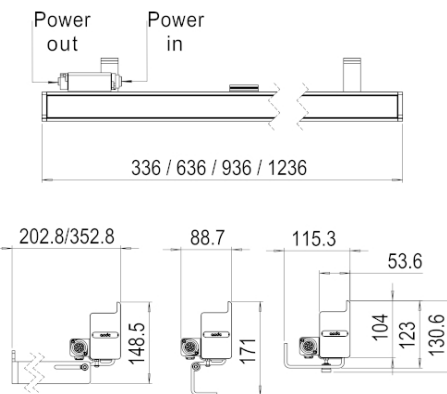
BL SI L06 900-830 SP SI CW AJ 66 HF

21037875

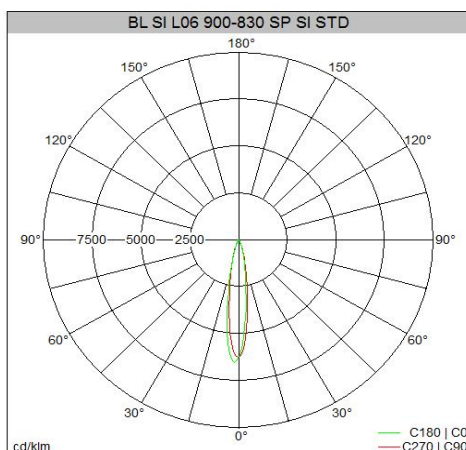
Blade Si, 600mm, 900 lumen, 80CRI, 3000K, Spot beam, Silver, Cowl, Fully adjustable bracket, IP66, Switched

Blade Si is a surface mount LED luminaire with a unique clean beam design to create a smooth natural graze for amazing architectural lighting. Delivering 1122 lm with 80CRI 3000K LEDs with Spot optic. Blade Si is rated to IP66. Luminaire utilizes 13.8 W of power and efficacy of 81.33 lm/W. Designed to > 60,000 hrs L80, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 2 step MacAdam ellipse. Fixture is made from aluminium in Silver finish and is supplied with Adjustable bracket and Cowl. The fitting is 636 x 54 x 103 mm and weighs 3.74 kg. The product is designed to be installed in ambient temperature -20°C to +50°C. The fixture is powered by a Switched driver.

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 1122 lm
- Luminaire efficacy: 81.33 lm/W
- Colour rendering index min: 80CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 2 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: > 60,000 hrs L80
- TM-21 Reported median useful life @ 25°C: > 60,000 hrs L80
- Luminaire input power: 13.8 W
- Control Channels: N/A

APPROVALS

IP66

BLADE SI

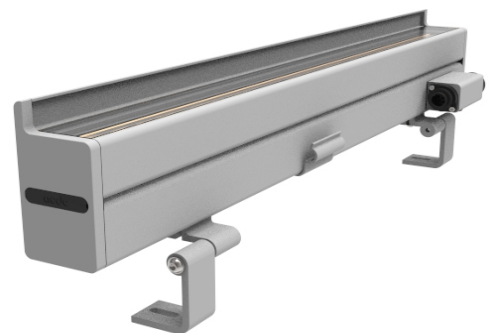
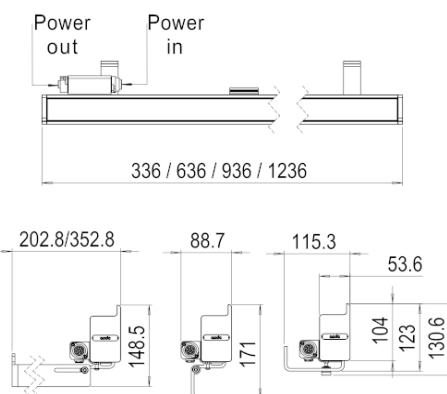
BL SI L06 900-830 N SI CW AJ 66 HF

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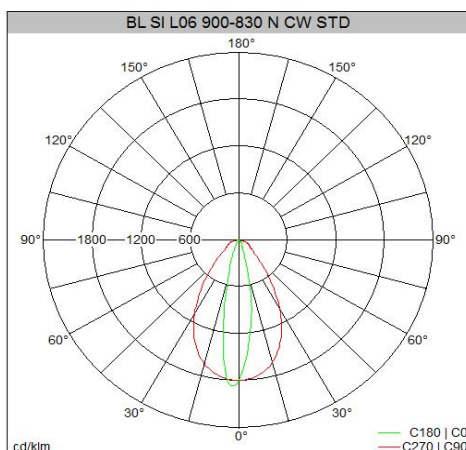
Blade Si, 600mm, 900 lumen, 80CRI, 3000K, Narrow beam, Silver, Cowl, Fully adjustable bracket, IP66, Switched

Blade Si is a surface mount LED luminaire with a unique clean beam design to create a smooth natural graze for amazing architectural lighting. Delivering 1020 lm with 80CRI 3000K LEDs with Narrow optic. Blade Si is rated to IP66. Luminaire utilizes 14 W of power and efficacy of 72.86 lm/W. Designed to > 60,000 hrs L80, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 2 step MacAdam ellipse. Fixture is made from aluminium in Silver finish and is supplied with Adjustable bracket and Cowl. The fitting is 636 x 54 x 103 mm and weighs 3.74 kg. The product is designed to be installed in ambient temperature -20°C to +50°C. The fixture is powered by a Switched driver.

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 1020 lm
- Luminaire efficacy: 72.86 lm/W
- Colour rendering index min: 80CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 2 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: > 60,000 hrs L80
- TM-21 Reported median useful life @ 25°C: > 60,000 hrs L80
- Luminaire input power: 14 W
- Control Channels: N/A

APPROVALS

IP66

BLADE SI

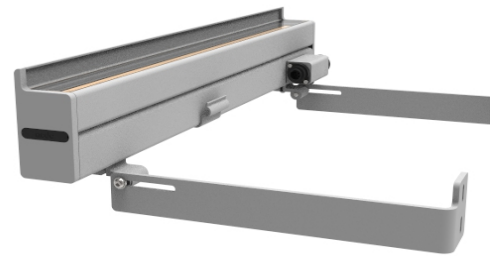
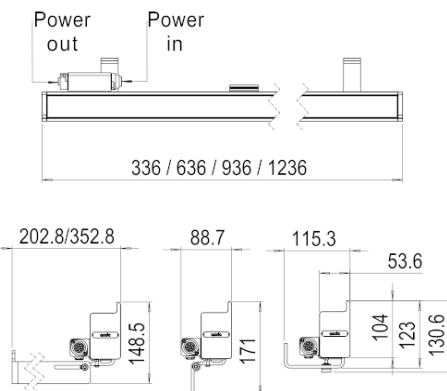
BL SI L03 450-830 N SI CW LA03 66 HF

21042078

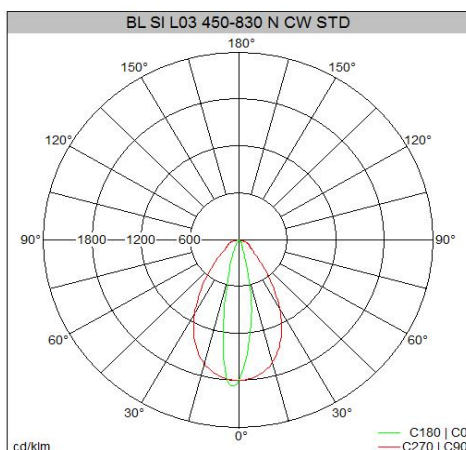
Blade Si, 300mm, 450 lumen, 80CRI, 3000K, Narrow beam, Silver, Cowl, Long arm (300mm) bracket, IP66, Switched

Blade Si is a surface mount LED luminaire with a unique clean beam design to create a smooth natural graze for amazing architectural lighting. Delivering 510 lm with 80CRI 3000K LEDs with Narrow optic. Blade Si is rated to IP66. Luminaire utilizes 7 W of power and efficacy of 72.86 lm/W. Designed to > 60,000 hrs L80, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 2 step MacAdam ellipse. Fixture is made from aluminium in Silver finish and is supplied with Long Arm 300mm and Cowl. The fitting is 336 x 54 x 103 mm and weighs 1.80 kg. The product is designed to be installed in ambient temperature -20°C to +50°C. The fixture is powered by a Switched driver.

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 510 lm
- Luminaire efficacy: 72.86 lm/W
- Colour rendering index min: 80CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 2 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: > 60,000 hrs L80
- TM-21 Reported median useful life @ 25°C: > 60,000 hrs L80
- Luminaire input power: 7 W
- Control Channels: N/A

APPROVALS

IP66

VISTA FLEX LX

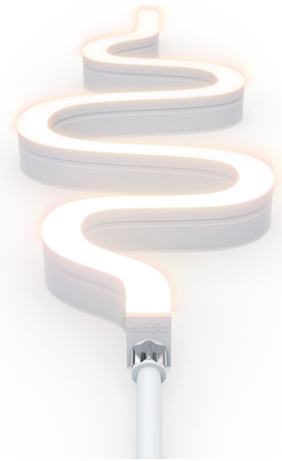
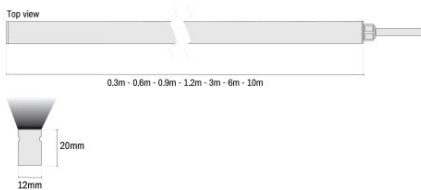
VISTA FLEX LX L30 930 SD WH FRO END 67

21052403

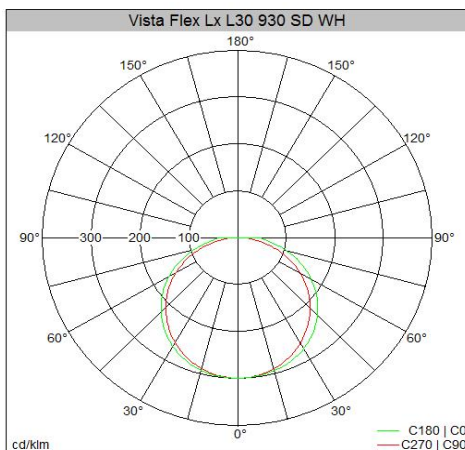
Vista Flex, 3m, 90CRI 3000K, Side bend, White, Front entry, End of run, IP67

Vista Flex Lx is a flexible linear marker luminaire delivering 1038 lm with 90CRI 3000K LEDs. Vista Flex Lx is rated to IP67. This variant is Side bend with Front entry and is End of run. Luminaire utilizes 30 W of power and efficacy of 34.6 lm/W. Designed to $\{\{tm21_reported_median_25\}\}$, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 2 step MacAdam ellipse. The fitting is 3000 x 12 x 20 mm and weighs 1.32 kg. The product is designed to be installed in ambient temperature -20°C to +45°C. The fixture is powered by a remote constant voltage driver and optional dimming unit (to be ordered separately).

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 1038 lm
- Luminaire efficacy: 34.6 lm/W
- Colour rendering index min: 90CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 2 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: N/A
- Luminaire input power: 30 W

APPROVALS

IP67

PLAZA S7i

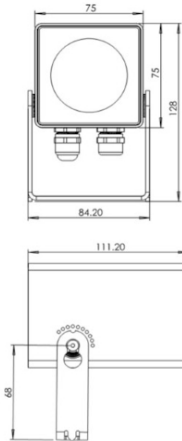
PLAZA S7i 700-830 F BK 67 HF

21035856

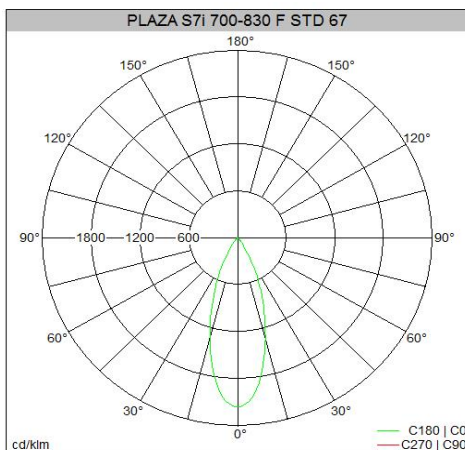
Plaza S7i, 700 lumen, 80CRI, 3000K, Flood beam, Black, IP67, Switched driver

Plaza S7i is a surface mounted LED outdoor spotlight delivering 772 lm with 80CRI 3000K LEDs with a Flood optic. Plaza S7i is rated to IP67. Luminaire utilizes 12 W of power and efficacy of 64.33 lm/W. Designed to > 50,000 hrs L80, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 3 step MacAdam ellipse. Plaza S7i is supplied in Black finish and is installed via a surface mount bracket. The fitting is 111 x 84 x 128 mm and weighs 0.97 kg. The product is designed to be installed in ambient temperature -20°C to +50°C. The fixture is powered by an integral driver. Additional accessories are available - tree strap and ground spike.

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 772 lm
- Luminaire efficacy: 64.33 lm/W
- Colour rendering index min: 80CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 3 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: > 50,000 hrs L80
- TM-21 Reported median useful life @ 25°C: > 60,000 hrs L90
- Luminaire input power: 12 W

APPROVALS

IP67

BLADE SI

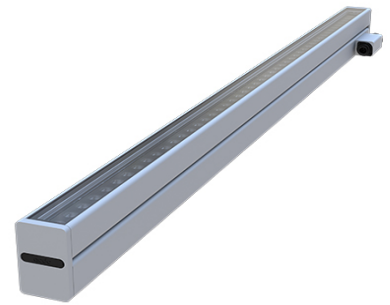
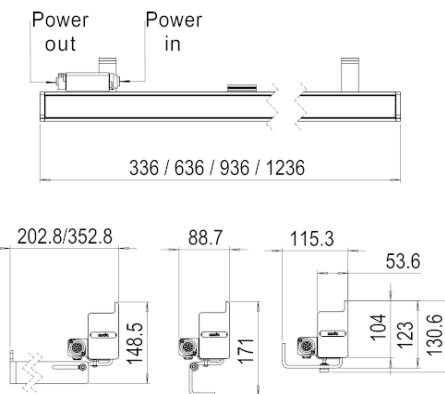
BL SI L06 2400-830 SP SI CW AJ 66 HF

21037630

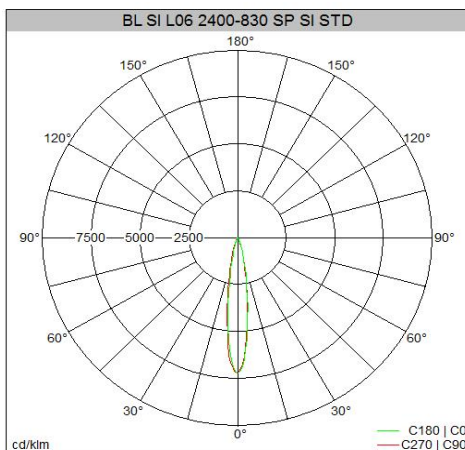
Blade Si, 600mm, 2400 lumen, 80CRI, 3000K, Spot beam, Silver, Cowl, Fully adjustable bracket, IP66, Switched

Blade Si is a surface mount LED luminaire with a unique clean beam design to create a smooth natural graze for amazing architectural lighting. Delivering 3235 lm with 80CRI 3000K LEDs with Spot optic. Blade Si is rated to IP66. Luminaire utilizes 41.4 W of power and efficacy of 78.14 lm/W. Designed to > 60,000 hrs L80, the product is tested to LM79 standards by an independent UKAS accredited laboratory. LEDs are binned to a 2 step MacAdam ellipse. Fixture is made from aluminium in Silver finish and is supplied with Adjustable bracket and Cowl. The fitting is 636 x 54 x 103 mm and weighs 3.74 kg. The product is designed to be installed in ambient temperature -20°C to +50°C. The fixture is powered by a Switched driver.

DIMENSIONS (MM)



POLAR PLOT



- Light Source: LED
- Luminaire luminous flux: 3235 lm
- Luminaire efficacy: 78.14 lm/W
- Colour rendering index min: 80CRI
- Correlated colour temperature: 3000K
- Chromaticity tolerance (Initial MacAdam): 2 step MacAdam ellipse
- TM-21 Reported median useful life @ 50°C: > 60,000 hrs L80
- TM-21 Reported median useful life @ 25°C: > 60,000 hrs L80
- Luminaire input power: 41.4 W
- Control Channels: N/A

APPROVALS

IP66