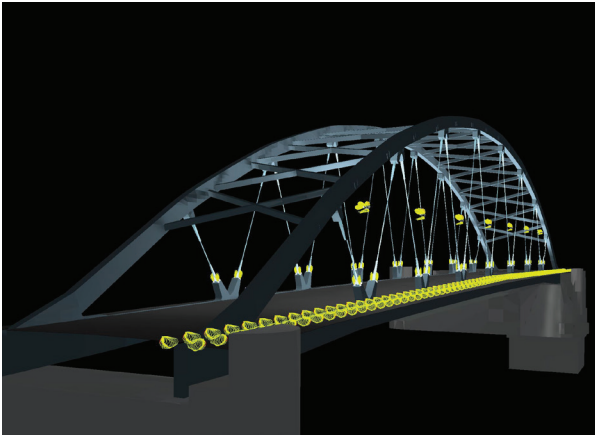


Van Brienoordbrug

Lichtberekeningen Architecturale Verlichting

Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers
- Architecturale verlichting Vallen



Opdrachtgever: Rijkswaterstaat
Werkpakket: WP5

Date: 23.02.2022
Operator: Simone Collon

Van Brienoordbrug

Parameters voor lichtsimulatie:

LRV - light reflection value / lichtreflectiewaarde:

Boogconstructie 20%

Hangers 40%

Asfalt op snelweg 10%

Onderhoudsfactor - straatverlichting: 0,8

Kleuren van de constructiecomponenten (bron is EPvE) - toegepast in lichtsimulatie:



Stahlblaugrau (RAL 250-40-15)

RGB conversie 67, 97, 117

Alle in het zicht zijnde onderdelen van:

- Bogen (uitgezonderd hangers) en windverbanden
- Hangerkasten
- Hoofd- en dwarsliggers val
- Leuningen (uitgezonderd bovenregel)



Topazblau (RAL 240-80-10)

RGB conversie 181, 205, 215

Alle in het zicht zijnde onderdelen van:

- Hangers (uitgezonderd hangerkasten)
- Verlichtingsmasten



Verlichtingsprincipes:

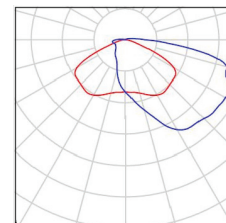
- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

Van Brienoordbrug / Luminaire parts list

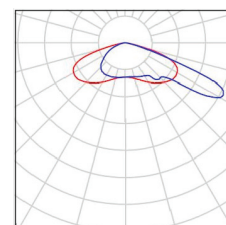
160 Pieces ewo IDstandard 2LED_AP07-2led
 Article No.:
 Luminous flux (Luminaire): 115 lm
 Luminous flux (Lamps): 115 lm
 Luminaire Wattage: 1.2 W
 Luminaire classification according to CIE: 97
 CIE flux code: 31 63 88 97 100
 Fitting: 1 x 80CRI-3000K-200mA (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



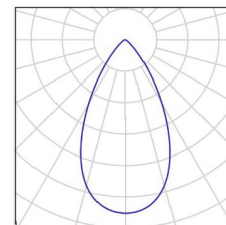
7 Pieces SCHREDER 456812 TECEO GEN2 2 5119 Flat, Glass Extra Clear, Smooth Light Exhauster 112 XP-G3@700mA NW 740 230V 456812
 Article No.: 456812
 Luminous flux (Luminaire): 30925 lm
 Luminous flux (Lamps): 36277 lm
 Luminaire Wattage: 236.0 W
 Luminaire classification according to CIE: 100
 CIE flux code: 28 62 96 100 85
 Fitting: 1 x 112 XP-G3@700mA NW 740 230V (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



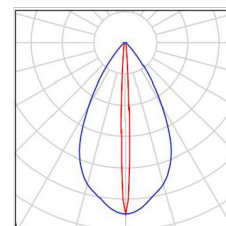
21 Pieces WE-EF;Eulumdat2 139-1965 FLC260-CC [B] IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors
 Article No.: 139-1965
 Luminous flux (Luminaire): 8947 lm
 Luminous flux (Lamps): 12240 lm
 Luminaire Wattage: 150.0 W
 Luminaire classification according to CIE: 100
 CIE flux code: 89 98 100 100 73
 Fitting: 36 x LED-36/144W/RGBW/4K (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



112 Pieces WE-EF;Eulumdat2 139-2424+139-1855 FLC240-CC [EES] IP66:LED-4x12/84W/RGBW/4K + IO-180°;FLC240-CC LED, Projectors
 Article No.: 139-2424+139-1855
 Luminous flux (Luminaire): 4236 lm
 Luminous flux (Lamps): 5040 lm
 Luminaire Wattage: 88.0 W
 Luminaire classification according to CIE: 100
 CIE flux code: 89 97 99 100 85
 Fitting: 12 x LED-24/84W/RGBW/4K (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



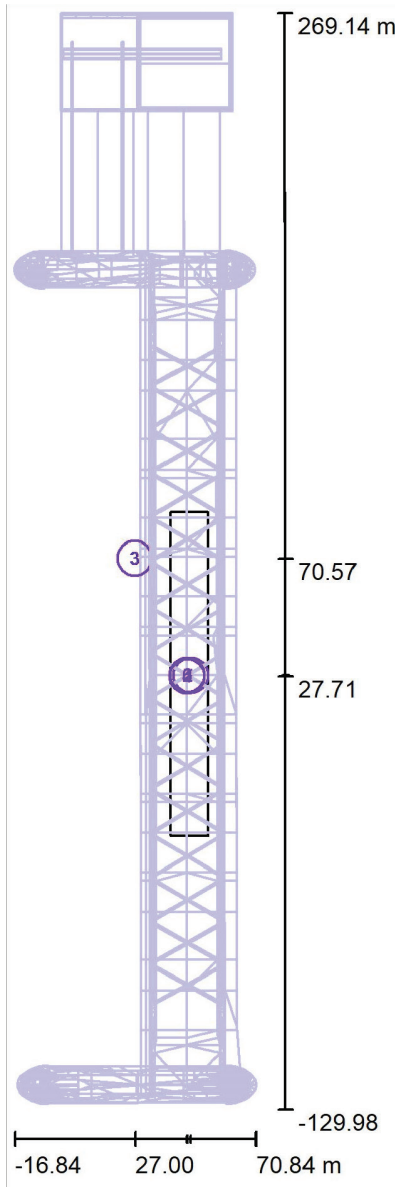


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

VBB / Objects (layout plan)



Scale 1 : 2701

Object parts list

| No. | Pieces | Designation |
|-----|--------|---|
| 1 | 1 | 2020-11-02 Bridge - Road.3ds |
| 2 | 1 | 2020-11-02 Bridge - Structure Roots.3ds |
| 3 | 1 | 2020-11-04 Bridge Pilar.3ds |
| 4 | 1 | 2020-11-17 Bridge - Structure Bogen.3ds |

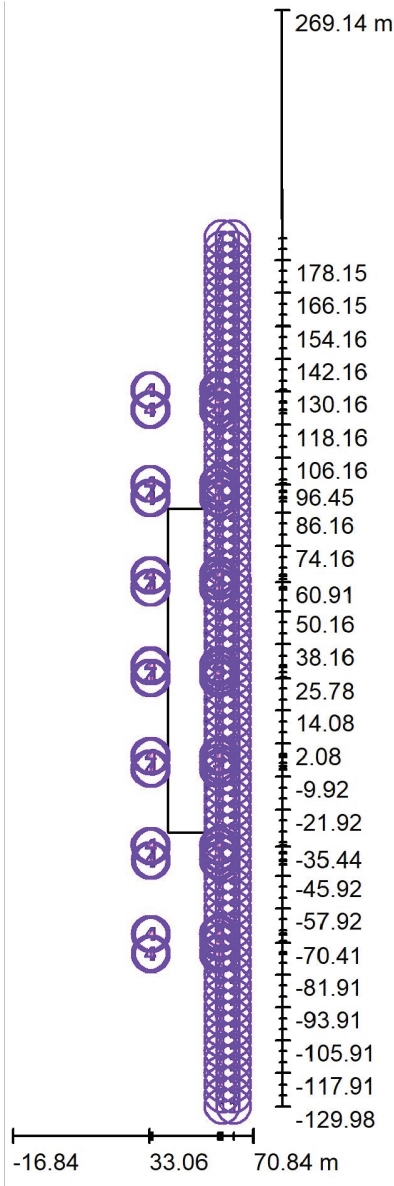


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

VBB / Luminaires (layout plan)



Scale 1 : 2701

Luminaire Parts List

| No. | Pieces | Designation |
|-----|--------|--|
| 1 | 160 | ewo IDstandard 2LED_AP07-2led |
| 2 | 7 | SCHREDER 456812 TECEO GEN2 5119 Flat, Glass Extra Clear, Smooth Light Exhauster 112 XP-G3@700mA NW 740 230V 456812 |
| 3 | 21 | WE-EF;Eulumdat2 139-1965 FLC260-CC [B] IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors |
| 4 | 112 | WE-EF;Eulumdat2 139-2424+139-1855 FLC240-CC [EES] IP66:LED-4x12/84W/RGBW/4K + IO-180°;FLC240-CC LED , Projectors |



Verlichtingsprincipes:

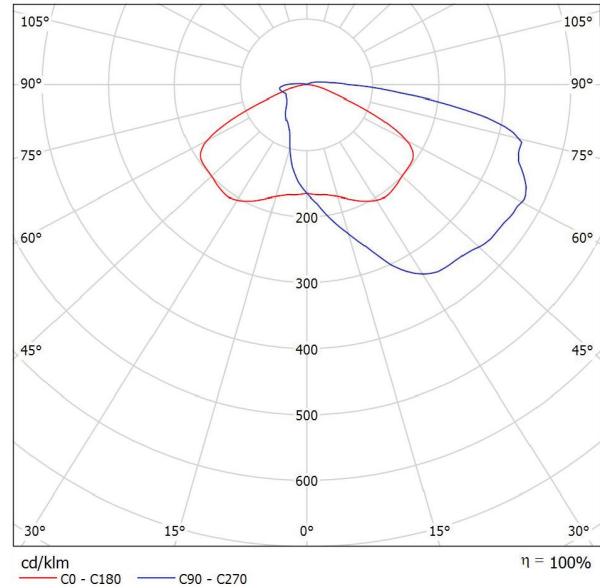
- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

ewo IDstandard 2LED_AP07-2led / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 97
CIE flux code: 31 63 88 97 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



Verlichtingsprincipes:

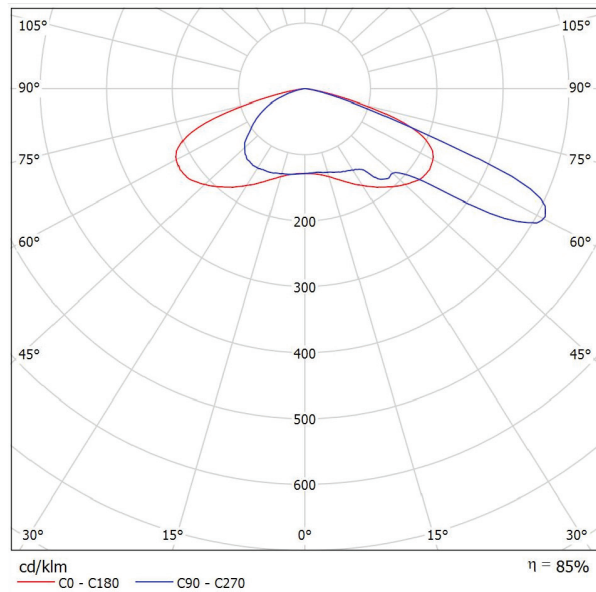
- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

**SCHREDER 456812 TECEO GEN2 2 5119 Flat, Glass Extra Clear, Smooth Light
Exhauster 112 XP-G3@700mA NW 740 230V 456812 / Luminaire Data Sheet**

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 28 62 96 100 85

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



Verlichtingsprincipes:

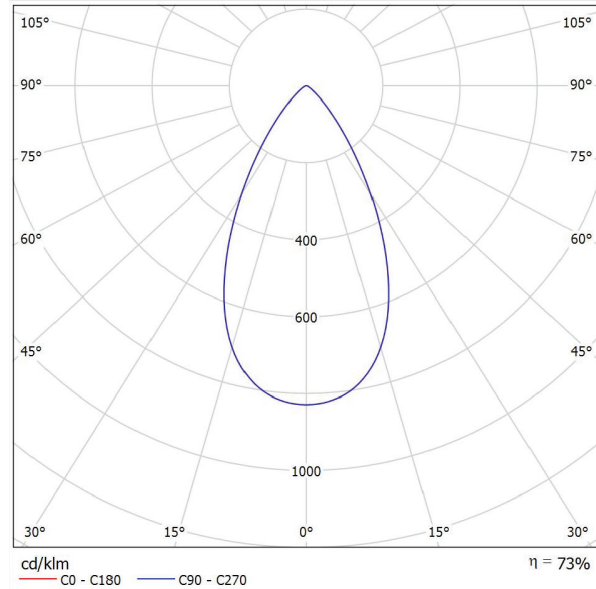
- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

WE-EF;Eulumdat2 139-1965 FLC260-CC [B] IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 89 98 100 100 73

Luminous emittance 1:

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-----|--|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 17.4 | 18.1 | 17.6 | 18.3 | 18.5 | 17.4 | 18.1 | 17.6 | 18.3 | 18.5 |
| | 3H | 17.3 | 18.0 | 17.6 | 18.2 | 18.5 | 17.3 | 18.0 | 17.6 | 18.2 | 18.5 |
| | 4H | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 |
| | 6H | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 |
| | 12H | 17.2 | 17.7 | 17.5 | 18.0 | 18.3 | 17.2 | 17.7 | 17.5 | 18.0 | 18.3 |
| 4H | 2H | 17.2 | 17.9 | 17.5 | 18.1 | 18.4 | 17.2 | 17.9 | 17.5 | 18.1 | 18.4 |
| | 3H | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 |
| | 4H | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 |
| | 6H | 17.2 | 17.6 | 17.6 | 17.9 | 18.3 | 17.2 | 17.6 | 17.6 | 17.9 | 18.3 |
| | 12H | 17.1 | 17.4 | 17.6 | 17.8 | 18.2 | 17.1 | 17.4 | 17.6 | 17.8 | 18.2 |
| 8H | 4H | 17.1 | 17.5 | 17.6 | 17.9 | 18.3 | 17.1 | 17.5 | 17.6 | 17.9 | 18.3 |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 |
| | 8H | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 |
| | 12H | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 |
| 12H | 4H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 |
| | 6H | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 |
| | 8H | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +3.2 / -4.5 | | | | | +3.2 / -4.5 | | | | |
| S = 1.5H | | +5.7 / -6.3 | | | | | +5.7 / -6.3 | | | | |
| S = 2.0H | | +7.7 / -7.5 | | | | | +7.7 / -7.5 | | | | |
| Standard table Correction Summand | | BK00 -2.2 | | | | | BK00 -2.2 | | | | |
| Corrected Glare Indices referring to 12240lm Total Luminous Flux | | | | | | | | | | | |



Verlichtingsprincipes:

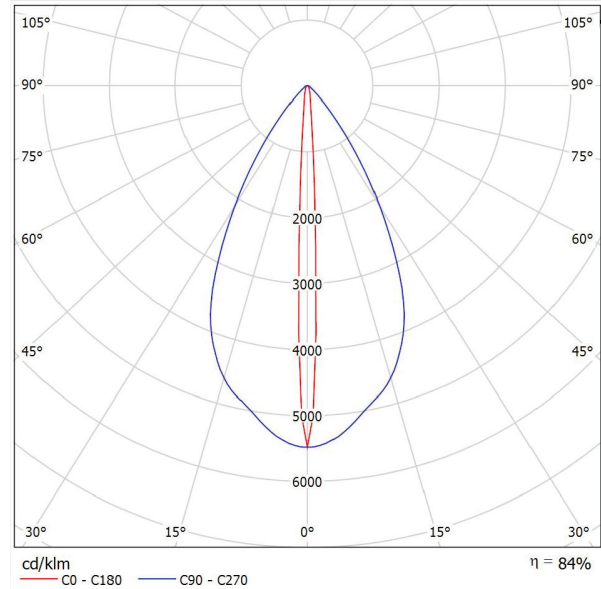
- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

WE-EF;Eulumdat2 139-2424+139-1855 FLC240-CC [EES] IP66:LED-4x12/84W/RGBW/4K + IO-180°;FLC240-CC LED , Projectors / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 89 97 99 100 85

Luminous emittance 1:

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|------|--|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X | Y | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 9.2 | 9.9 | 9.4 | 10.1 | 10.3 | 17.1 | 17.9 | 17.4 | 18.1 | 18.3 |
| | 3H | 9.9 | 10.6 | 10.2 | 10.9 | 11.1 | 17.8 | 18.5 | 18.1 | 18.7 | 19.0 |
| | 4H | 10.3 | 11.0 | 10.6 | 11.3 | 11.5 | 18.1 | 18.8 | 18.4 | 19.0 | 19.3 |
| | 6H | 10.5 | 11.1 | 10.9 | 11.4 | 11.7 | 18.3 | 18.9 | 18.6 | 19.2 | 19.5 |
| | 8H | 10.7 | 11.3 | 11.0 | 11.6 | 11.9 | 18.4 | 19.0 | 18.7 | 19.3 | 19.6 |
| 12H | 11.0 | 11.5 | 11.3 | 11.8 | 12.1 | 18.4 | 19.0 | 18.8 | 19.3 | 19.6 | |
| 4H | 2H | 10.3 | 11.0 | 10.6 | 11.2 | 11.5 | 17.1 | 17.7 | 17.4 | 18.0 | 18.3 |
| | 3H | 11.2 | 11.8 | 11.6 | 12.1 | 12.4 | 17.9 | 18.4 | 18.2 | 18.7 | 19.0 |
| | 4H | 11.7 | 12.1 | 12.0 | 12.5 | 12.8 | 18.3 | 18.7 | 18.6 | 19.1 | 19.4 |
| | 6H | 11.9 | 12.3 | 12.3 | 12.7 | 13.1 | 18.6 | 19.0 | 19.0 | 19.3 | 19.7 |
| | 8H | 12.1 | 12.5 | 12.5 | 12.8 | 13.2 | 18.7 | 19.1 | 19.1 | 19.4 | 19.8 |
| 12H | 12.4 | 12.7 | 12.8 | 13.1 | 13.5 | 18.8 | 19.1 | 19.2 | 19.5 | 19.9 | |
| 8H | 4H | 12.2 | 12.6 | 12.6 | 12.9 | 13.3 | 18.2 | 18.6 | 18.7 | 19.0 | 19.4 |
| | 6H | 12.5 | 12.8 | 13.0 | 13.2 | 13.7 | 18.6 | 18.9 | 19.1 | 19.3 | 19.8 |
| | 8H | 12.8 | 13.0 | 13.3 | 13.5 | 13.9 | 18.8 | 19.0 | 19.2 | 19.4 | 19.9 |
| | 12H | 13.1 | 13.3 | 13.6 | 13.7 | 14.2 | 18.9 | 19.1 | 19.4 | 19.5 | 20.0 |
| 12H | 4H | 12.3 | 12.6 | 12.7 | 13.0 | 13.4 | 18.2 | 18.5 | 18.6 | 18.9 | 19.4 |
| | 6H | 12.6 | 12.9 | 13.1 | 13.3 | 13.8 | 18.6 | 18.8 | 19.1 | 19.3 | 19.7 |
| | 8H | 12.9 | 13.1 | 13.4 | 13.6 | 14.1 | 18.7 | 18.9 | 19.2 | 19.4 | 19.9 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +0.3 / -0.3 | | | | | +1.9 / -1.3 | | | | |
| S = 1.5H | | +0.7 / -0.7 | | | | | +3.7 / -1.8 | | | | |
| S = 2.0H | | +0.9 / -1.4 | | | | | +5.3 / -2.5 | | | | |
| Standard table | | BK04 | | | | | BK03 | | | | |
| Correction Summand | | -5.8 | | | | | 0.5 | | | | |
| Corrected Glare Indices referring to 5040lm Total Luminous Flux | | | | | | | | | | | |

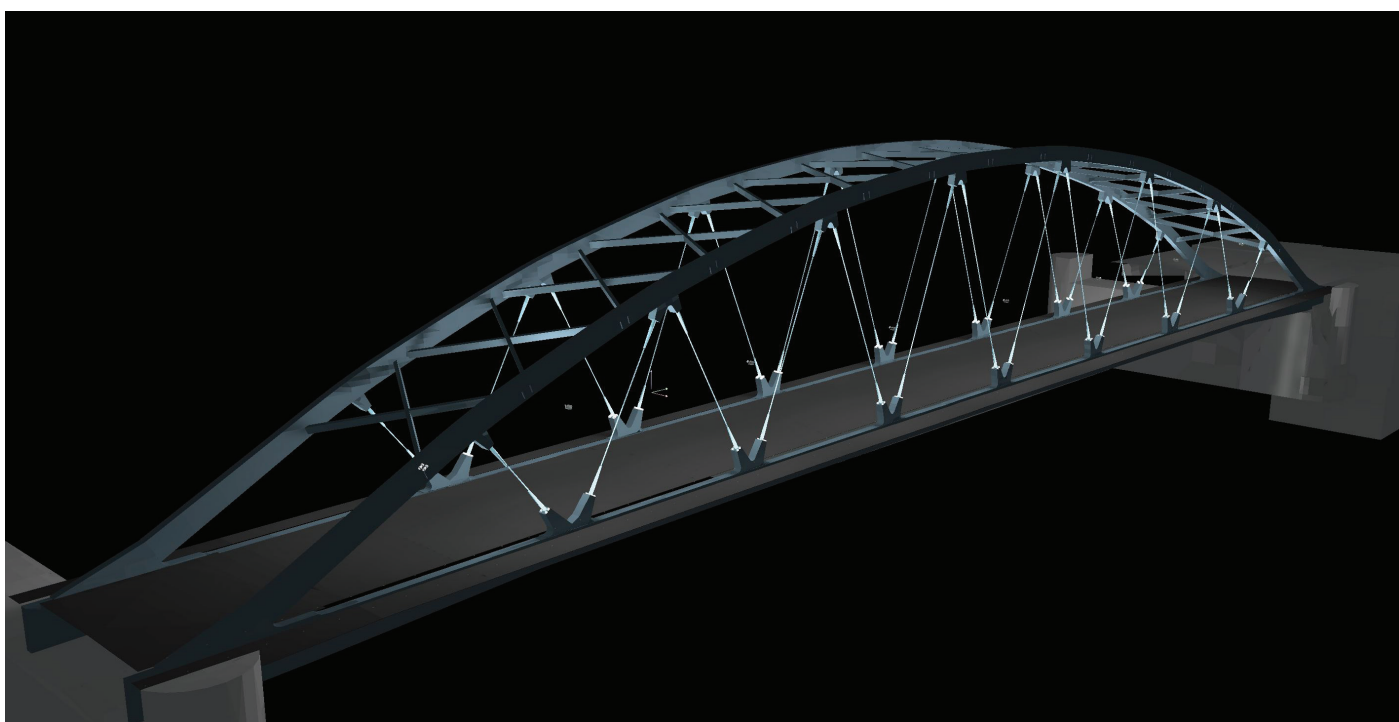


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / Bridge / 3D Rendering



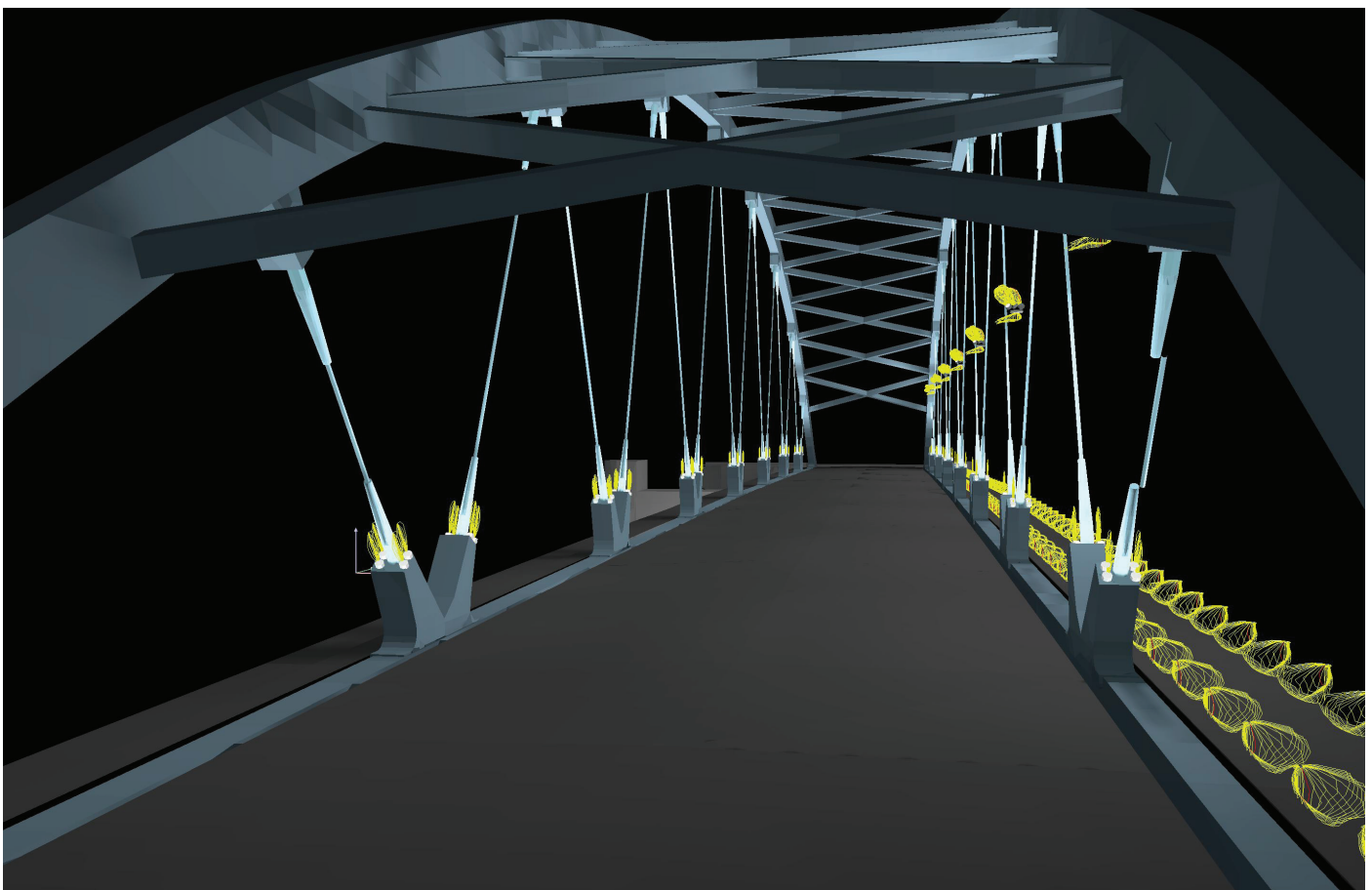
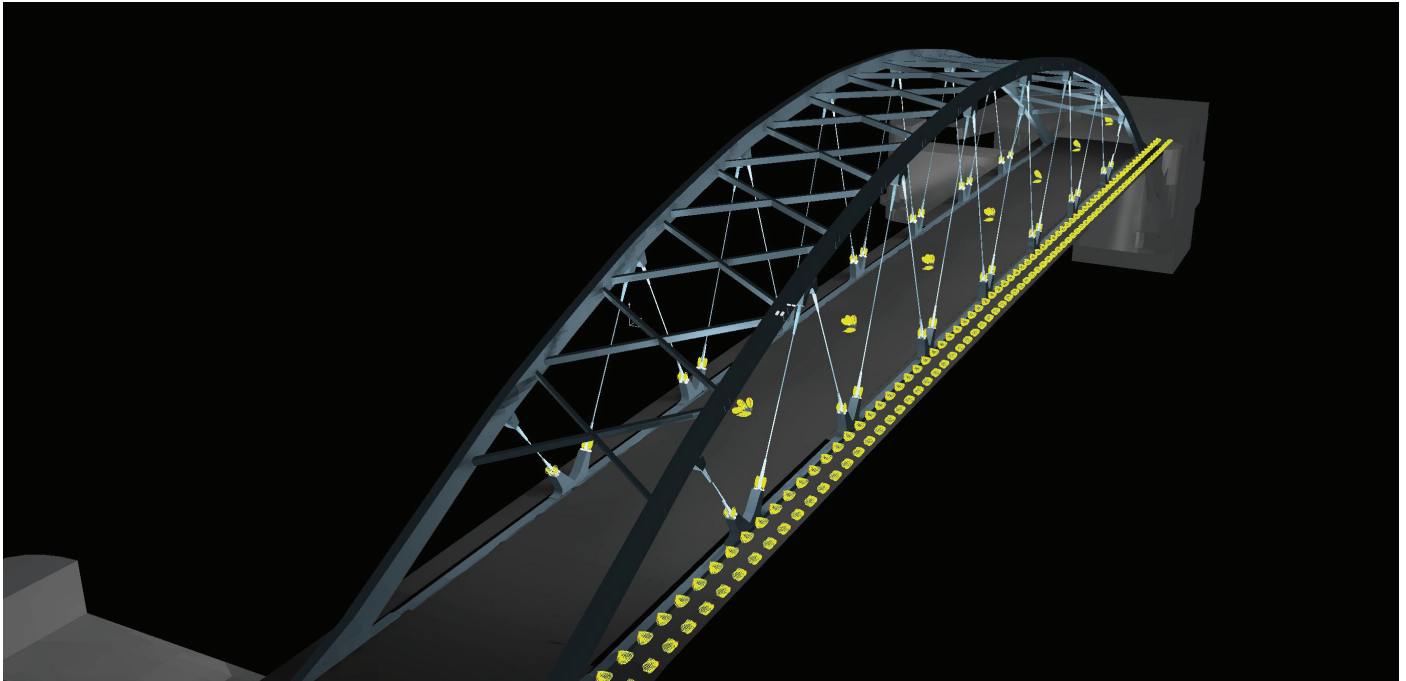


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / Bridge / 3D Rendering



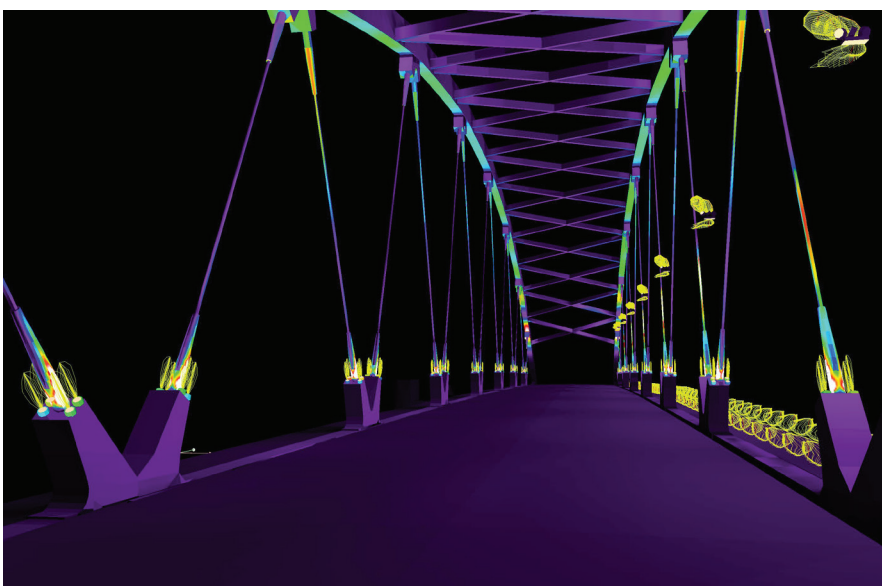
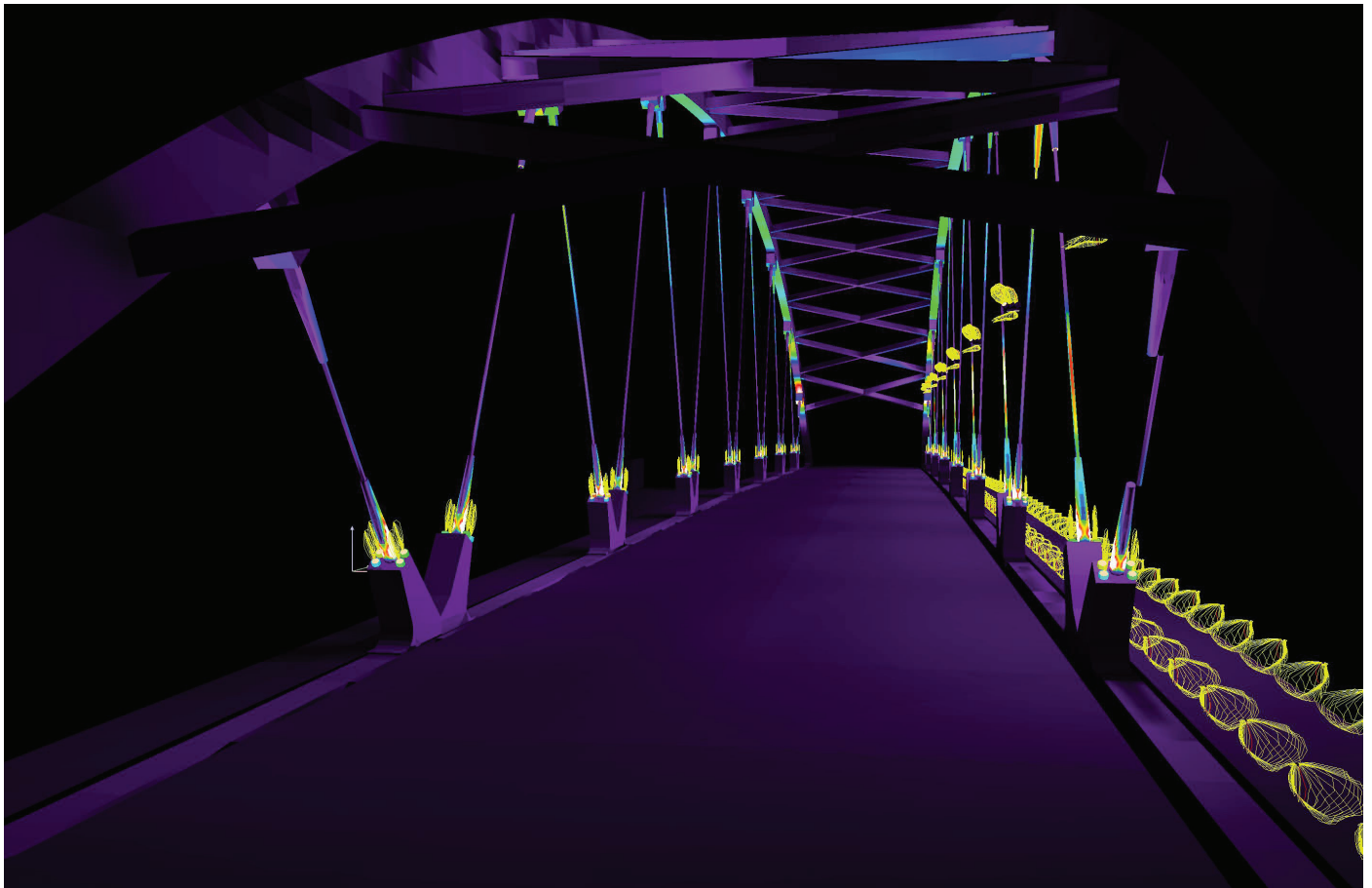


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / All / False Color Rendering



0 1.25 2.50 3.75 5 6.25 7.50 8.75 10 cd/m²

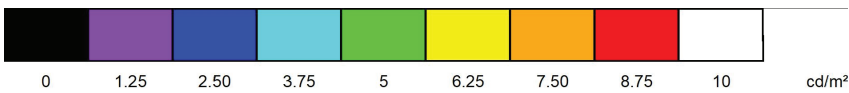
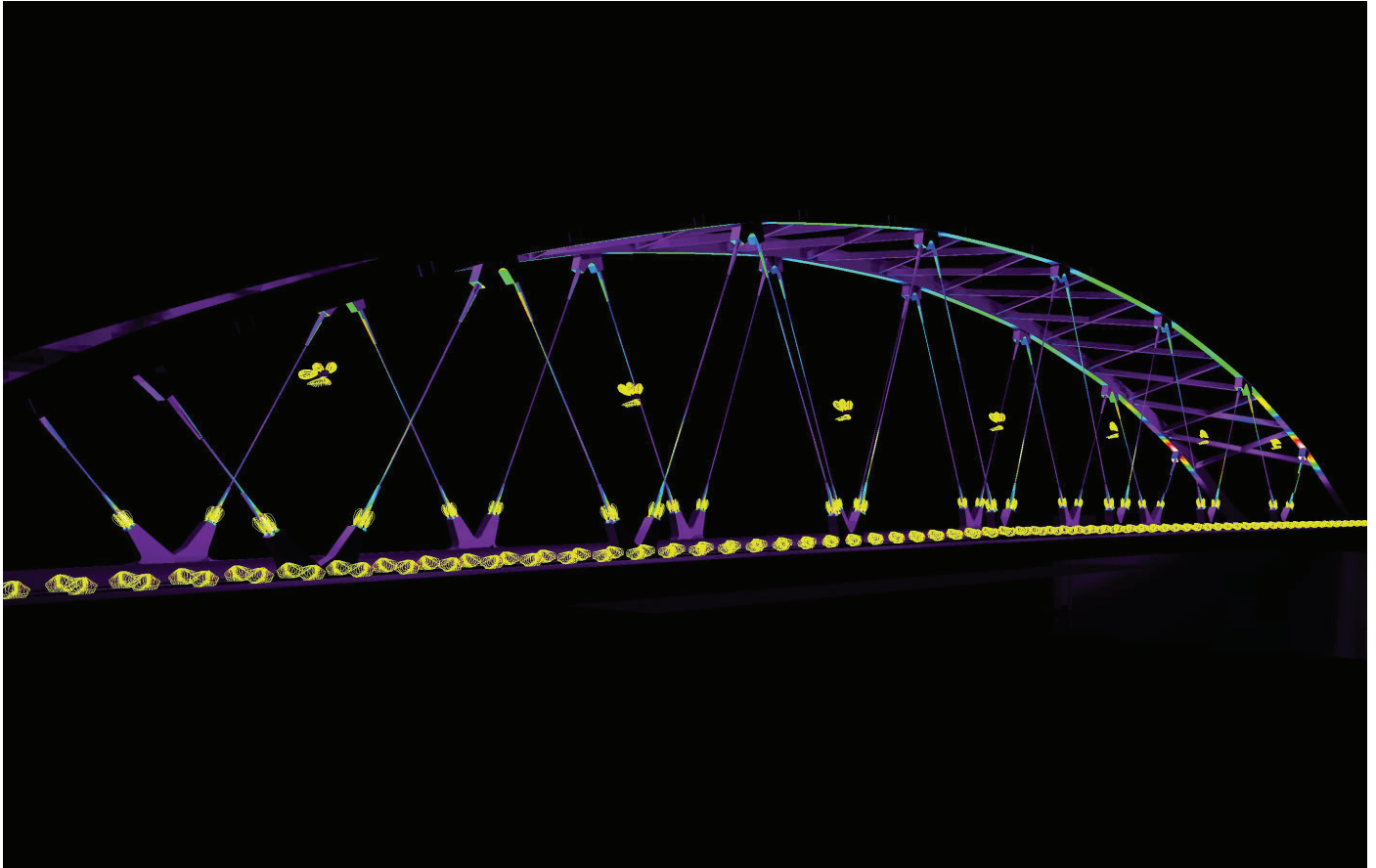


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / All / False Color Rendering



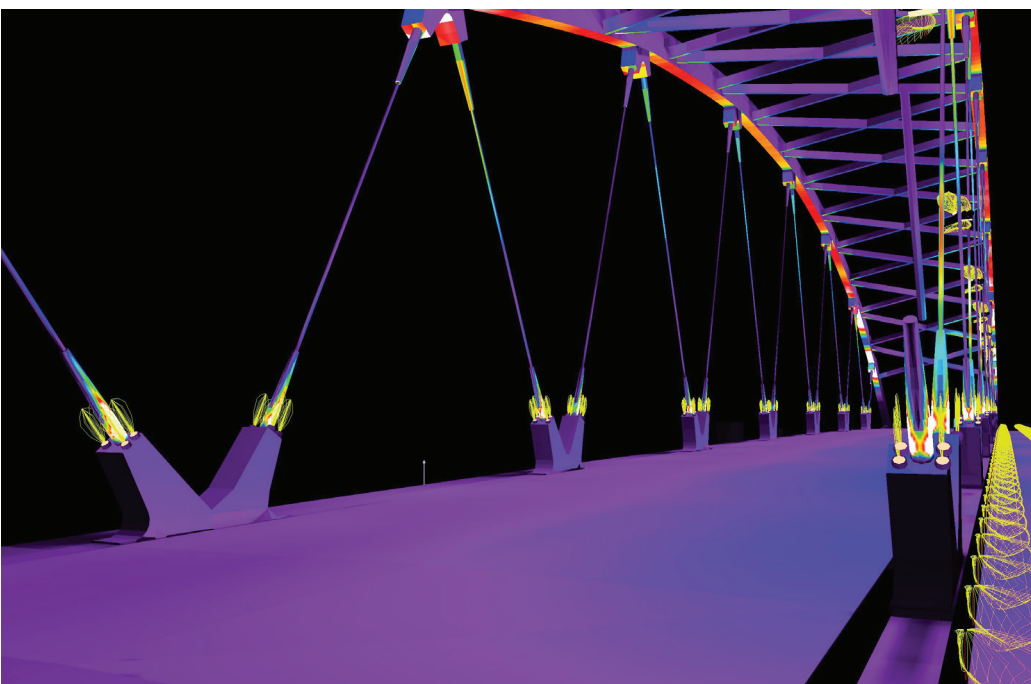
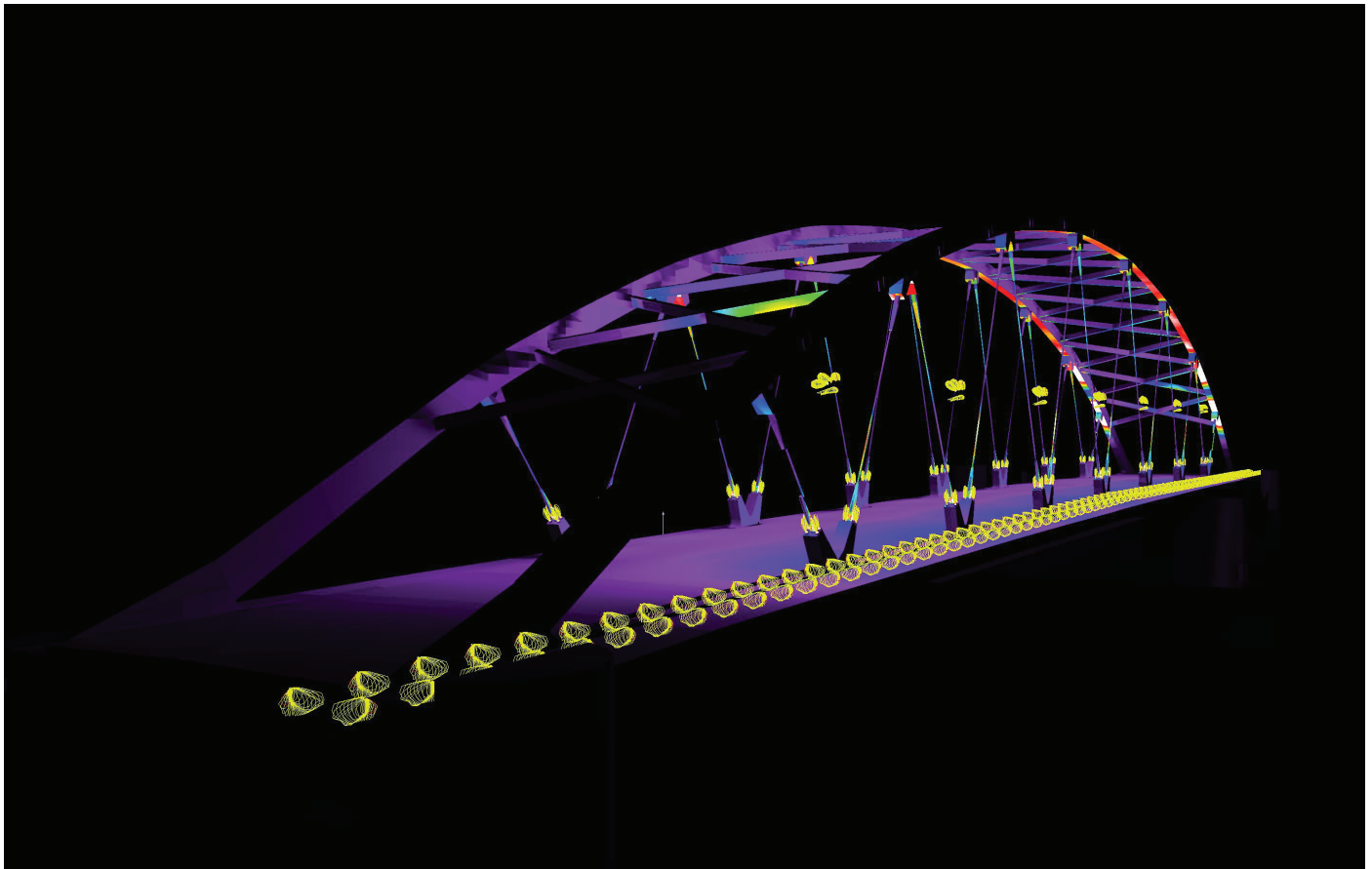


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / All / False Color Rendering



0 10 20 30 40 50 60 70 80 lx

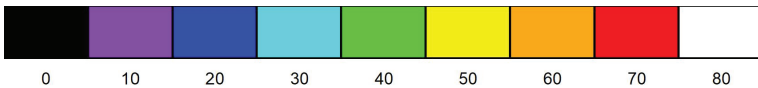
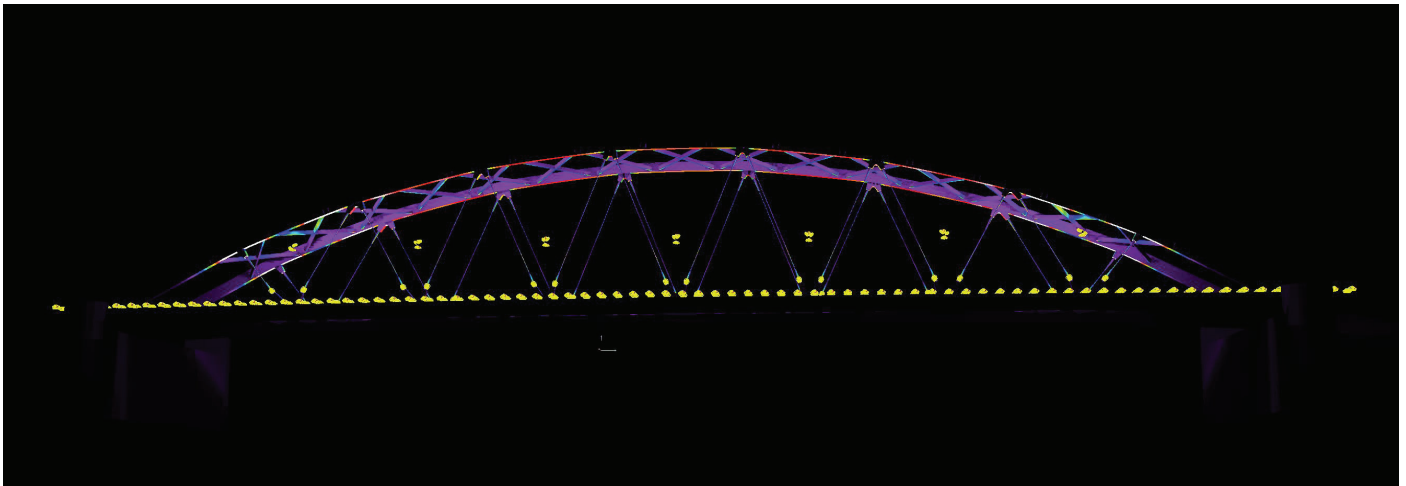


Verlichtingsprincipes:

- Architecturale verlichting Bogen
- Architecturale verlichting Hangers

Operator Simone Collon, Arup
Telephone
Fax
e-Mail

VBB / All / False Color Rendering



lx



Verlichtingsprincipes:

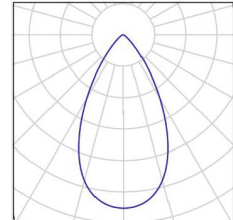
- Architecturale verlichting Vallen

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

Van Brienoordbrug / Luminaire parts list

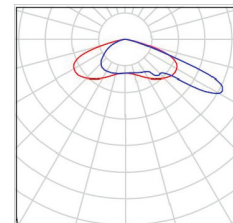
24 Pieces WE-EF;Eulumdat2 139-1965 FLC260-CC [B]
 IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors
 Article No.: 139-1965
 Luminous flux (Luminaire): 8947 lm
 Luminous flux (Lamps): 12240 lm
 Luminaire Wattage: 150.0 W
 Luminaire classification according to CIE: 100
 CIE flux code: 89 98 100 100 73
 Fitting: 36 x LED-36/144W/RGBW/4K (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



2 Pieces SCHREDER 456812 TECEO GEN2 2 5119 Flat, Glass Extra Clear, Smooth Light Exhauster 112 XP-G3@700mA NW 740 230V 456812
 Article No.: 456812
 Luminous flux (Luminaire): 30925 lm
 Luminous flux (Lamps): 36277 lm
 Luminaire Wattage: 236.0 W
 Luminaire classification according to CIE: 100
 CIE flux code: 28 62 96 100 85
 Fitting: 1 x 112 XP-G3@700mA NW 740 230V (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



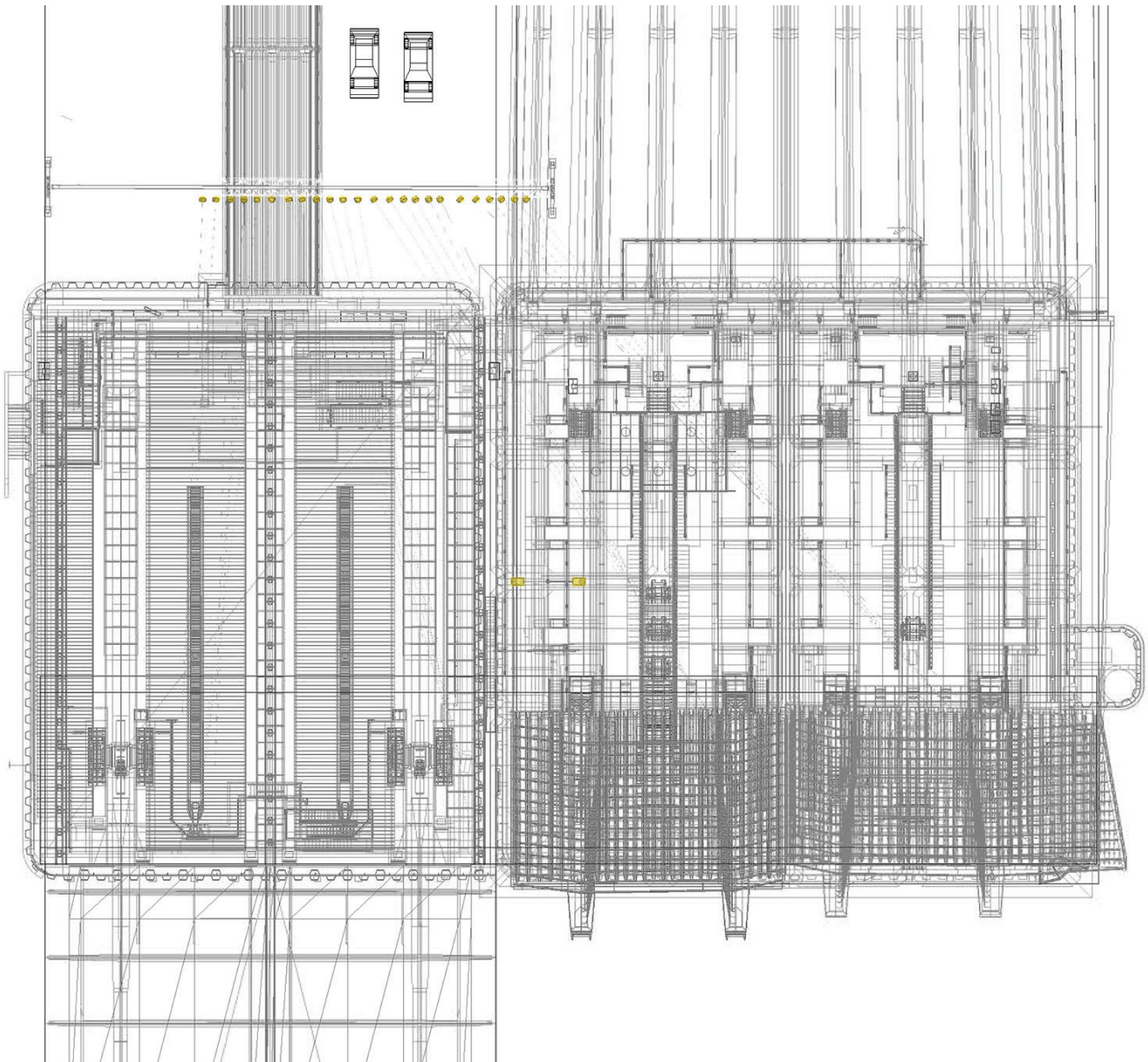
Bestaande rijbaanverlichting Schreder Teceo armatuur

Verlichtingsprincipes:

- Architecturale verlichting Vallén

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

VBB / Luminaires (layout plan)



Luminaire list

| pcs. | Manufacturer | Article No. | Article name | P | Φ | Luminous efficacy |
|------|-----------------|-------------|--|---------|----------|-------------------|
| 2 | SCHREDER | 456812 | TECEO GEN2 2.5119 Flat, Glass Extra Clear, Smooth Light Exhauster 112 XP-G3@700mA NW 740 230V 456812 | 236.0 W | 30925 lm | 131.0 lm/W |
| 24 | WE-EF;Eulumdat2 | 139-1965 | FLC260-CC [B] IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors | 150.0 W | 8947 lm | 59.6 lm/W |

(Bestaande rijbaanverlichting)



Verlichtingsprincipes:

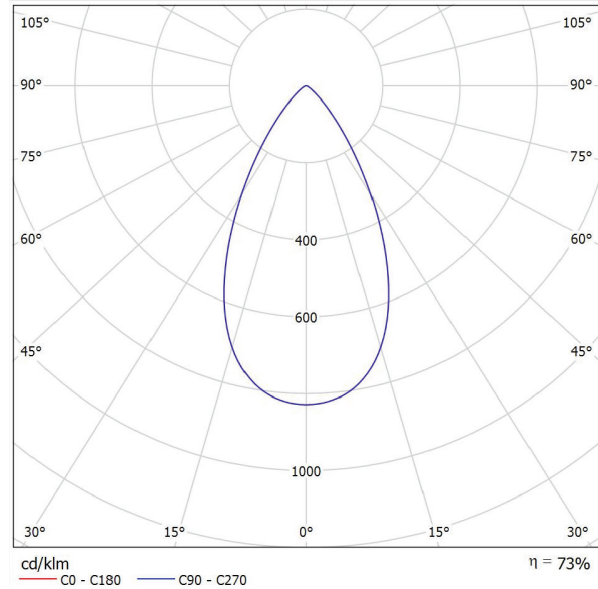
- Architecturale verlichting Vallén

Operator Simone Collon, Arup
 Telephone
 Fax
 e-Mail

WE-EF;Eulumdat2 139-1965 FLC260-CC [B] IP66:LED-36/144W/RGBW/4K;FLC260-CC LED, Projectors / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 89 98 100 100 73

Luminous emittance 1:

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|-----|--|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 17.4 | 18.1 | 17.6 | 18.3 | 18.5 | 17.4 | 18.1 | 17.6 | 18.3 | 18.5 |
| | 3H | 17.3 | 18.0 | 17.6 | 18.2 | 18.5 | 17.3 | 18.0 | 17.6 | 18.2 | 18.5 |
| | 4H | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 |
| | 6H | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 |
| | 12H | 17.2 | 17.7 | 17.5 | 18.0 | 18.3 | 17.2 | 17.7 | 17.5 | 18.0 | 18.3 |
| 4H | 2H | 17.2 | 17.9 | 17.5 | 18.1 | 18.4 | 17.2 | 17.9 | 17.5 | 18.1 | 18.4 |
| | 3H | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.8 | 17.6 | 18.1 | 18.4 |
| | 4H | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 |
| | 6H | 17.2 | 17.6 | 17.6 | 17.9 | 18.3 | 17.2 | 17.6 | 17.6 | 17.9 | 18.3 |
| | 12H | 17.1 | 17.4 | 17.6 | 17.8 | 18.2 | 17.1 | 17.4 | 17.6 | 17.8 | 18.2 |
| 8H | 4H | 17.1 | 17.5 | 17.6 | 17.9 | 18.3 | 17.1 | 17.5 | 17.6 | 17.9 | 18.3 |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 |
| | 8H | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 |
| | 12H | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 |
| 12H | 4H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 |
| | 6H | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 | 17.1 | 17.3 | 17.5 | 17.7 | 18.2 |
| | 8H | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 | 17.0 | 17.2 | 17.5 | 17.7 | 18.2 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +3.2 / -4.5 | | | | | +3.2 / -4.5 | | | | |
| S = 1.5H | | +5.7 / -6.3 | | | | | +5.7 / -6.3 | | | | |
| S = 2.0H | | +7.7 / -7.5 | | | | | +7.7 / -7.5 | | | | |
| Standard table Correction Summand | | BK00 -2.2 | | | | | BK00 -2.2 | | | | |
| Corrected Glare Indices referring to 12240lm Total Luminous Flux | | | | | | | | | | | |



Verlichtingsprincipes:

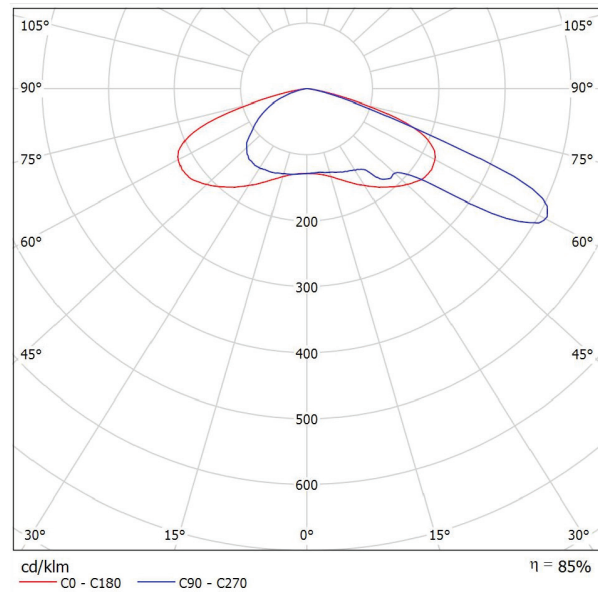
- Architecturale verlichting Vallen

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**SCHREDER 456812 TECEO GEN2 2 5119 Flat, Glass Extra Clear, Smooth Light
Exhauster 112 XP-G3@700mA NW 740 230V 456812 / Luminaire Data Sheet**

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 28 62 96 100 85

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

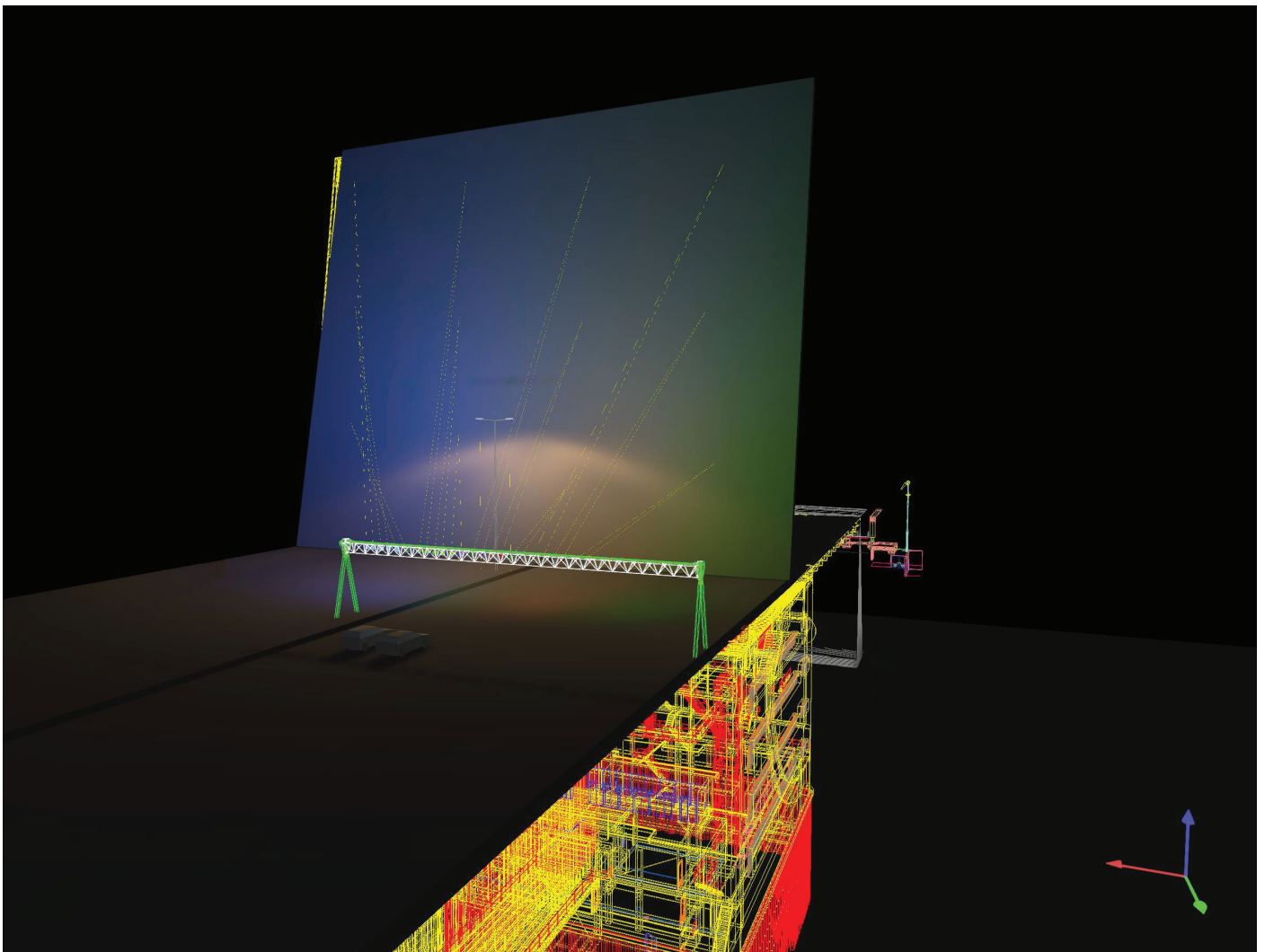


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VBB / Bridge / 3D Rendering



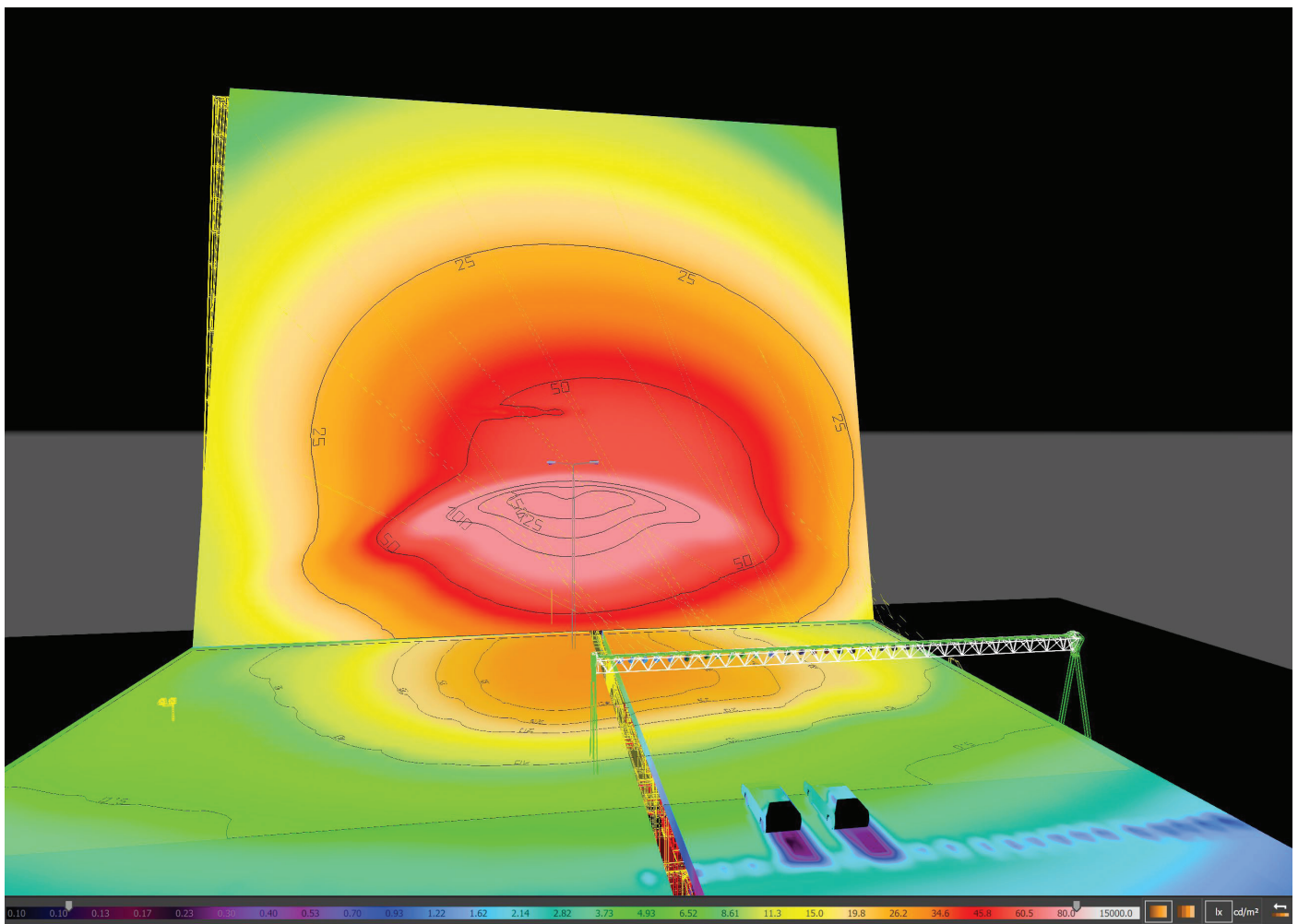


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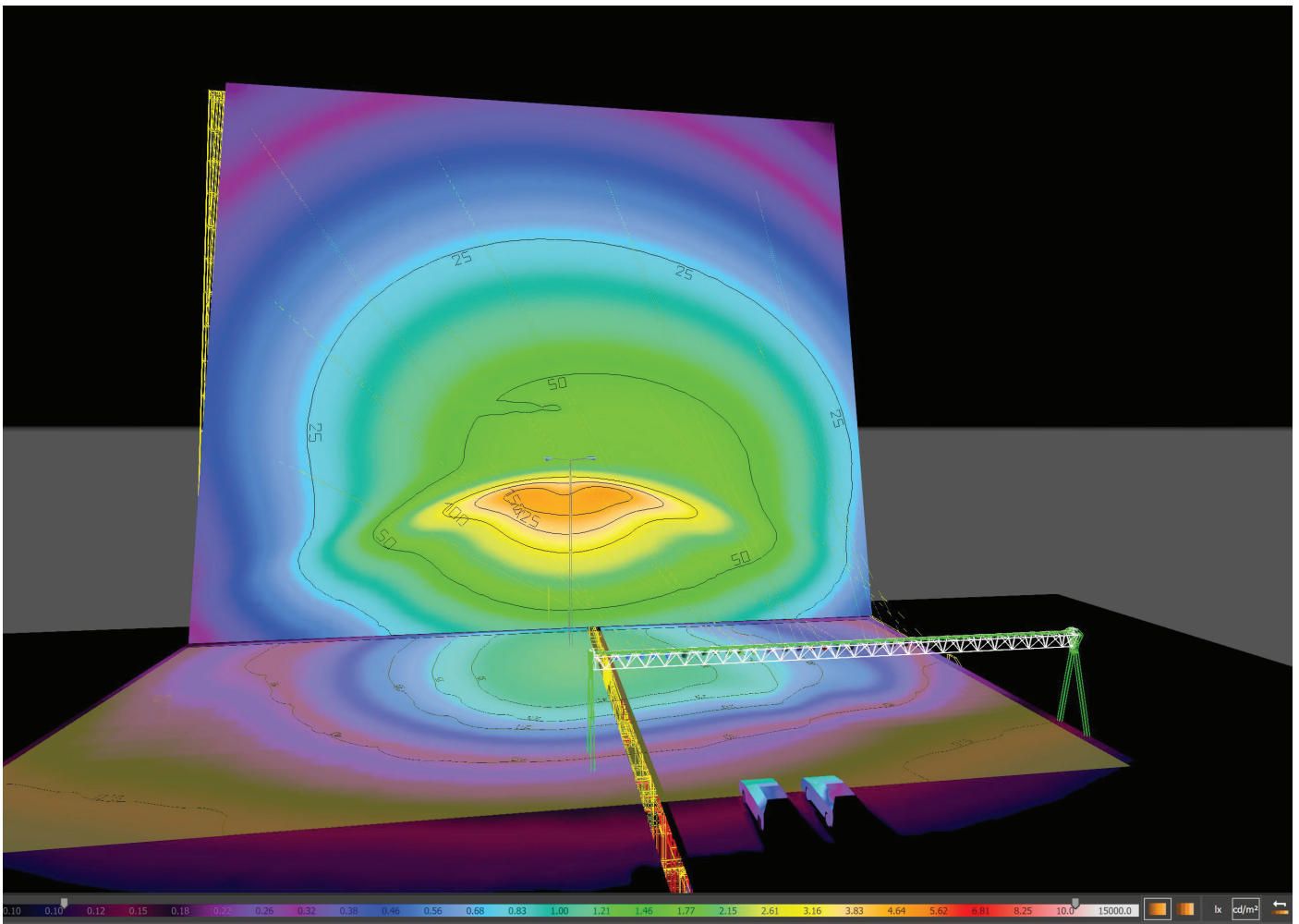


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