

MOVILA-CT-Statie Conpet - Cuva booster 1 - S01-V02-240228-JB

Calcul conform SR EN12464-2, Tabel 5.8



Cuprins

| | |
|--------------------|---|
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Date tehnice privind produsul

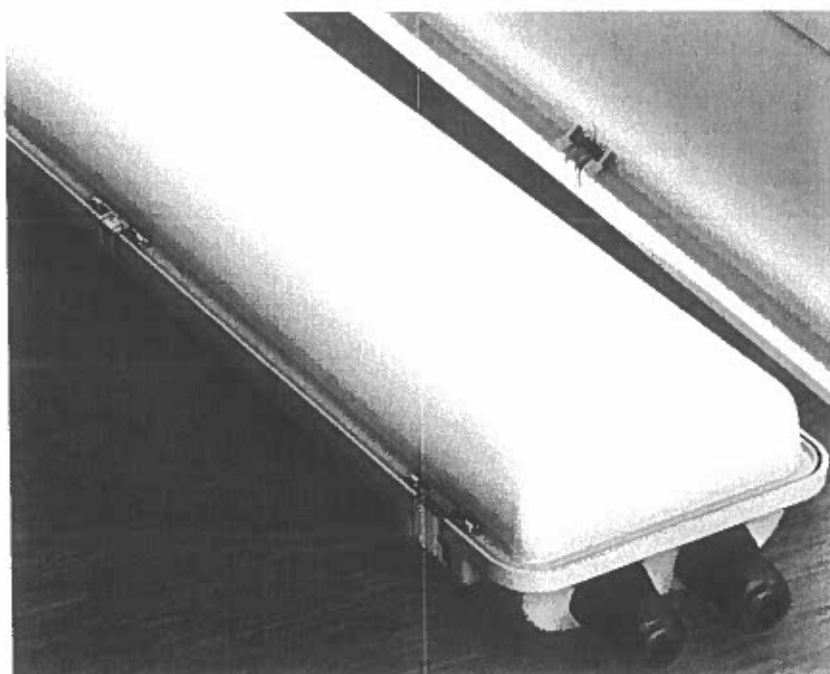
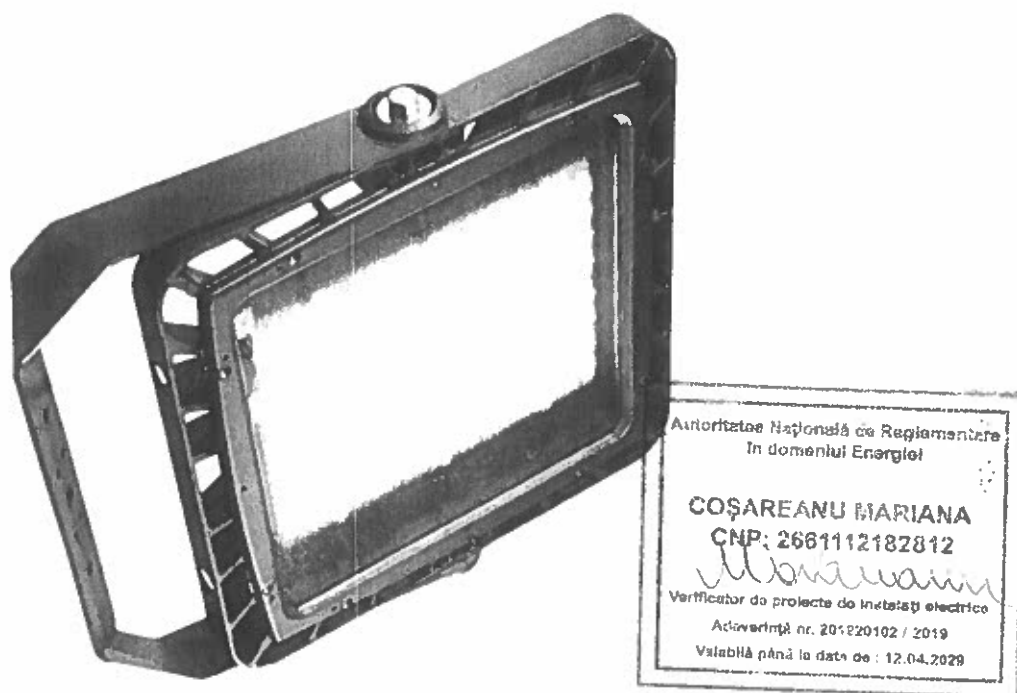
| | |
|---|---|
| Schröder - INDU LINE GEN4 Low depth bowl, PC, Opal NW 840 230V (1x LED NW 840) | 4 |
| Schröder - OMNISTAR 2261 Flat glass frosted 72 LH351C@700mA NW 740 230V 00-17-554 347352 (1x 72 LH351C@700mA NW 740 230V 00-17-554) | 5 |

MOVILA-CT - Statie Conpet

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Imagini



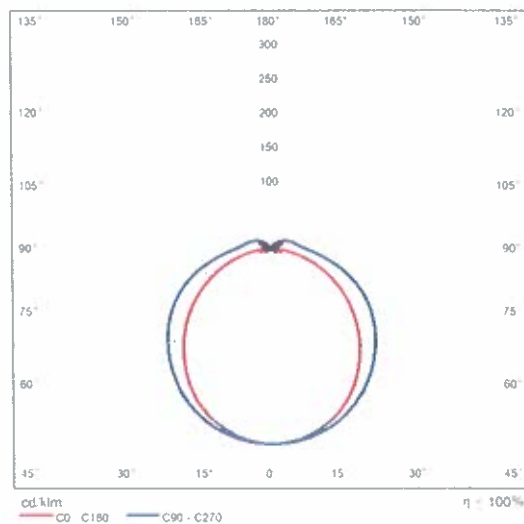
Fişa de date privind produsul

Schröder - INDU LINE GEN4 Low depth bowl, PC, Opal NW 840 230V

Schröder

Experts in lightability™

| | |
|----------------------------------|------------|
| Nr.articol | 548252 |
| P | 36.0 W |
| $\Phi_{\text{Lampă}}$ | 5500 lm |
| $\Phi_{\text{Corp de iluminat}}$ | 5500 lm |
| η | 100.00 % |
| Eficiența luminoasă | 152.8 lm/W |
| CCT | 4000 K |
| CRI | 80 |



CDIL polar



| Evaluarea orbirii conform UGR | | | | | | | | | | | | |
|---|-----|--|------|------|------|------|--|------|------|------|------|----|
| n Tavan | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | 30 |
| n Perete | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 20 | 20 |
| n Podea | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Orientarea spațiului X - Y | | Direcția vederii transversale la axa lămpii | | | | | Direcția vederii paralele la axa lămpii | | | | | |
| 2H | 2H | 20.3 | 21.6 | 20.7 | 22.3 | 22.4 | 21.7 | 23.1 | 22.1 | 23.4 | 23.8 | |
| | 3H | 21.8 | 23.0 | 22.2 | 23.4 | 23.8 | 24.0 | 25.2 | 24.4 | 25.8 | 26.0 | |
| | 4H | 22.4 | 23.5 | 22.8 | 23.9 | 24.1 | 25.1 | 26.2 | 25.5 | 26.6 | 27.1 | |
| | 6H | 22.8 | 23.9 | 23.3 | 24.3 | 24.8 | 26.2 | 27.2 | 26.6 | 27.7 | 28.1 | |
| | 12H | 22.9 | 23.9 | 23.4 | 24.4 | 24.9 | 26.7 | 27.7 | 27.2 | 28.2 | 28.7 | |
| 4H | 2H | 23.0 | 24.0 | 23.5 | 24.4 | 24.9 | 27.3 | 28.3 | 27.8 | 28.8 | 29.3 | |
| | 3H | 21.3 | 22.4 | 21.7 | 22.8 | 23.3 | 22.4 | 23.5 | 22.8 | 23.9 | 24.4 | |
| | 4H | 23.0 | 24.0 | 23.5 | 24.5 | 25.0 | 24.8 | 25.8 | 25.3 | 26.2 | 26.8 | |
| | 6H | 23.8 | 24.6 | 24.3 | 25.1 | 25.7 | 26.1 | 27.0 | 26.6 | 27.5 | 28.0 | |
| | 12H | 24.3 | 25.1 | 24.9 | 25.6 | 26.2 | 27.4 | 28.2 | 27.9 | 28.7 | 29.2 | |
| 6H | 2H | 24.5 | 25.2 | 25.0 | 25.8 | 26.3 | 28.1 | 28.9 | 28.6 | 29.3 | 29.9 | |
| | 3H | 24.6 | 25.3 | 25.2 | 25.9 | 26.4 | 28.5 | 29.5 | 29.4 | 30.0 | 30.6 | |
| | 4H | 24.4 | 25.2 | 25.0 | 25.7 | 26.3 | 26.4 | 27.1 | 26.9 | 27.7 | 28.2 | |
| | 6H | 25.3 | 25.9 | 25.8 | 26.4 | 27.1 | 27.9 | 28.5 | 28.5 | 29.1 | 29.7 | |
| | 12H | 25.6 | 26.1 | 26.2 | 26.7 | 27.3 | 28.8 | 29.3 | 29.1 | 29.9 | 30.6 | |
| 12H | 2H | 25.9 | 26.3 | 26.4 | 26.9 | 27.5 | 29.9 | 30.2 | 30.4 | 30.8 | 31.5 | |
| | 4H | 24.6 | 25.3 | 25.2 | 25.8 | 26.4 | 26.4 | 27.1 | 27.0 | 27.6 | 28.2 | |
| | 6H | 25.6 | 26.1 | 26.2 | 26.7 | 27.3 | 28.0 | 28.6 | 28.6 | 29.2 | 29.8 | |
| Suma corecții | | 9.2 | | | | | 29.0 | 29.4 | 29.6 | 30.0 | 30.7 | |
| Tabel standard | | | | | | | | | | | | |
| Suma corecții | | 9.2 | | | | | | | 13.0 | | | |
| reduc. la orbire corectată referitor la 5500lm Punct luminoz. 0.1cd | | | | | | | | | | | | |

Diagramă UGR (SHR: 0.25)

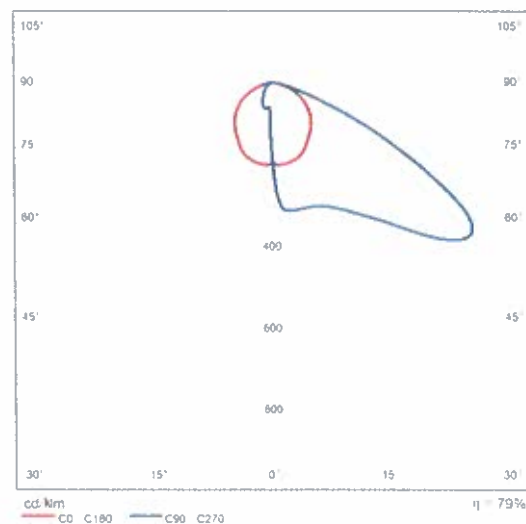
Fișa de date privind produsul

Schröder - OMNISTAR 2261 Flat glass frosted 72 LH351C@700mA NW 740 230V 00-17-554 347352

Schröder

Experts in lightability™

| | |
|----------------------------------|------------|
| Nr.articol | 347352 |
| P | 158.0 W |
| $\Phi_{\text{Lampă}}$ | 26877 lm |
| $\Phi_{\text{Corp de iluminat}}$ | 21186 lm |
| η | 78.83 % |
| Eficiența luminoasă | 134.1 lm/W |
| CCT | 4000 K |
| CRI | 70 |



CDIL polar



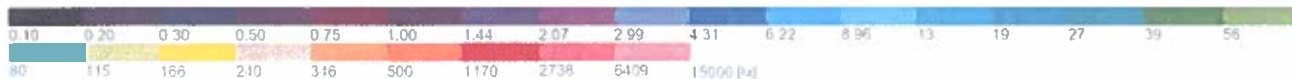
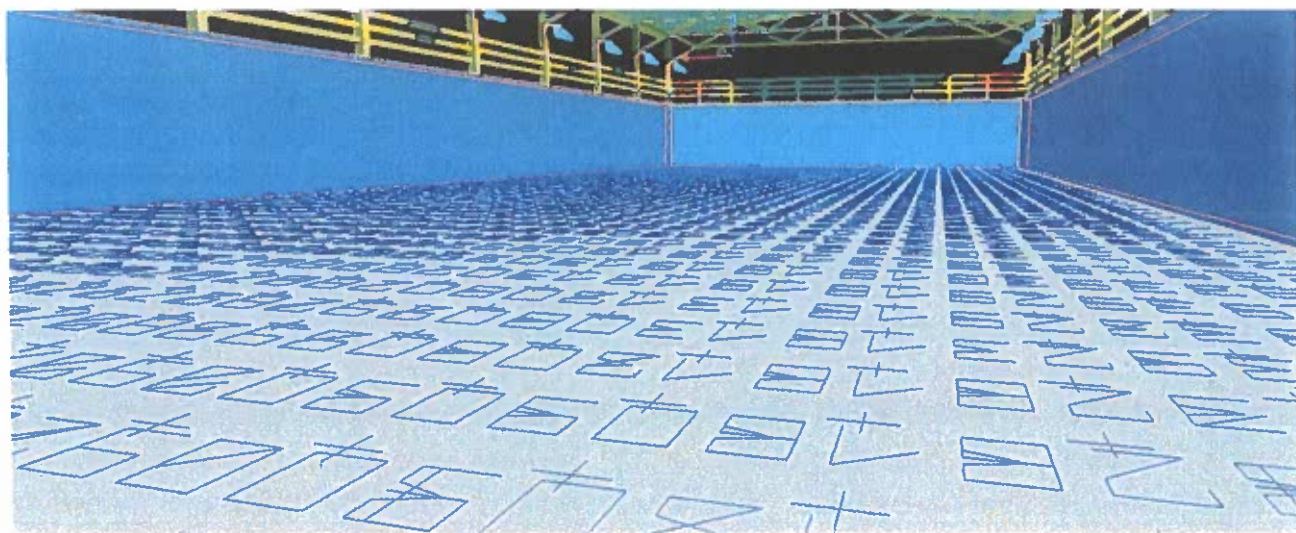
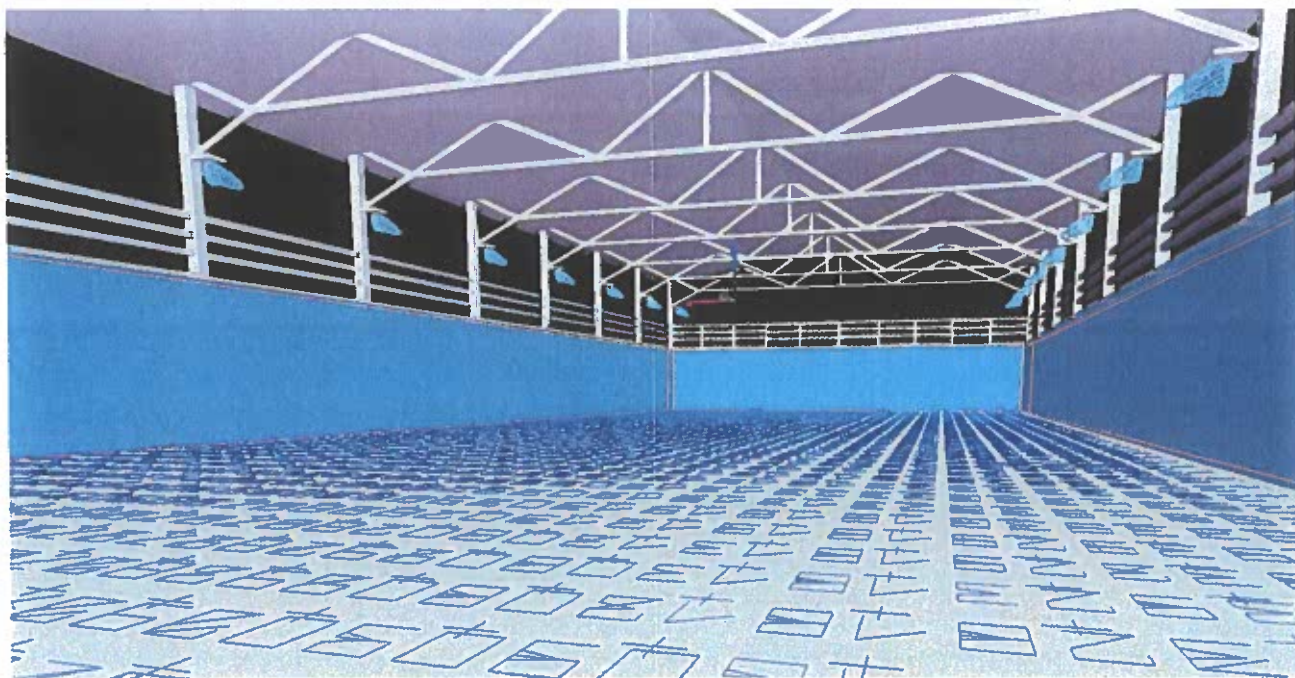
MOVILA-CT - Statie Conpet

Imagini



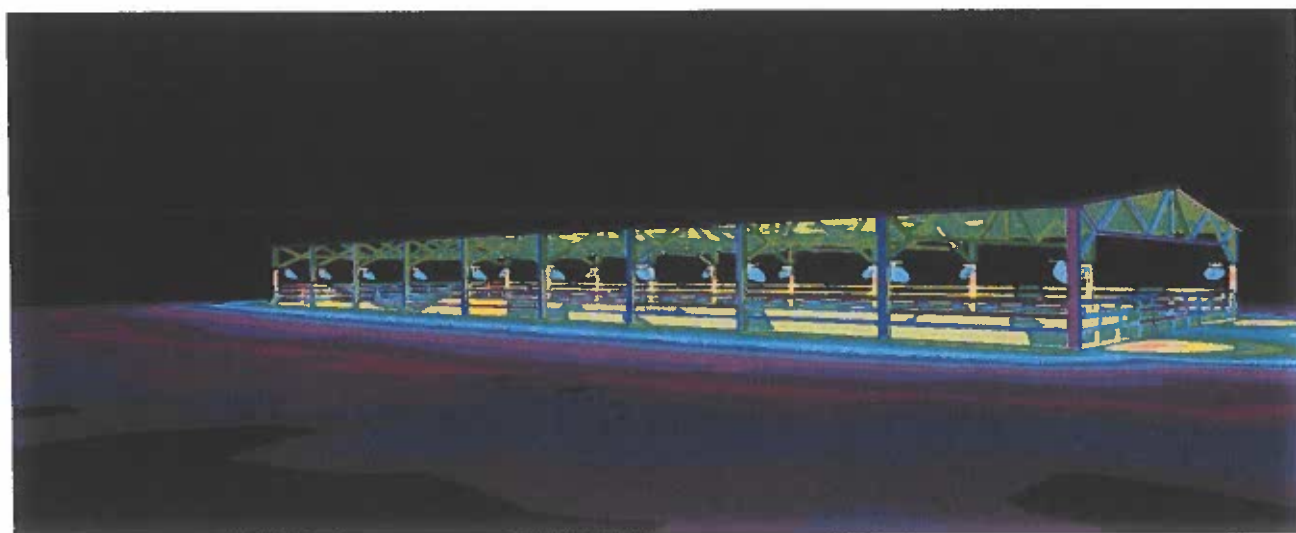
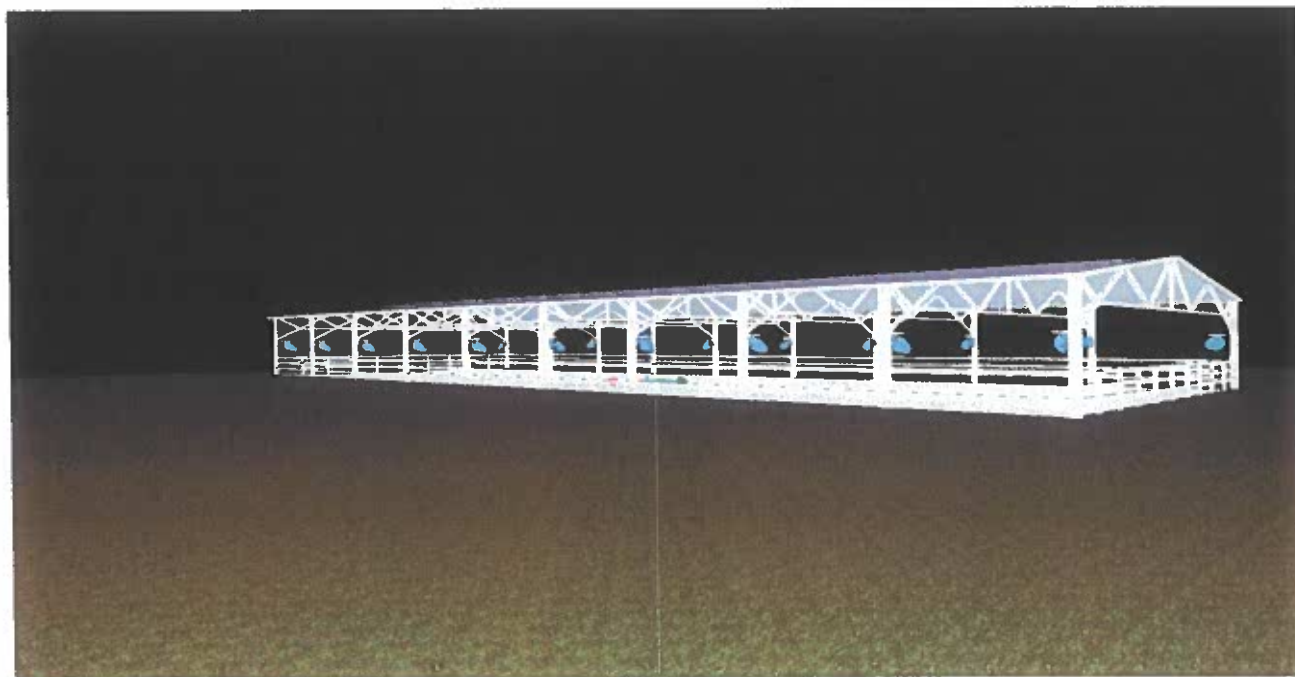
MOVILA-CT - Statie Conpet

Imagini



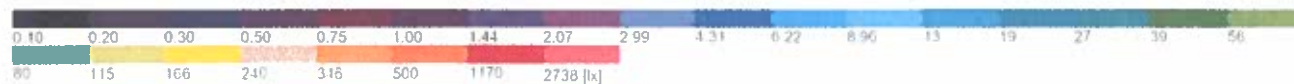
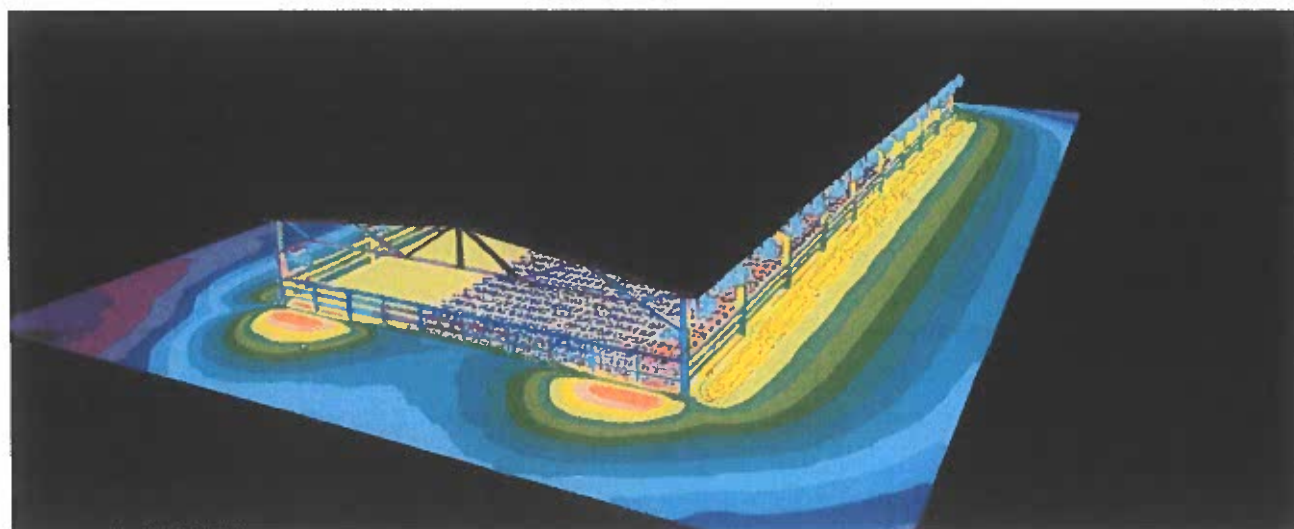
MOVILA-CT - Statie Conpet

Imagini



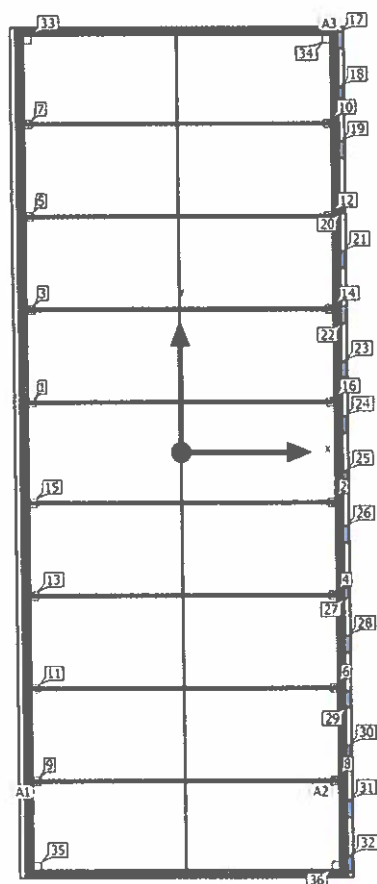
MOVILA-CT - Statie Conpet

Imagini



MOVILA-CT - Statie Conpet

Plan de poziționare al corpuri de iluminat



MOVILA-CT - Statie Conpet

Plan de poziționare al corpuri de iluminat

Schröder - 347352 - OMNISTAR 2261 Flat glass frosted 72 LH351C@700mA NW 740 230V 00-17-554 347352

1x 72 LH351C@700mA NW 740 230V 00-17-554

| X | Y | Înălțime de montare | Rotăția carcasei | MF | Corp de iluminat |
|----------|-----------|---------------------|-----------------------|------|------------------|
| -9.735 m | 3.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 1 |
| -9.735 m | 9.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 3 |
| -9.735 m | 15.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 5 |
| -9.735 m | 21.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 7 |
| -9.735 m | -21.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 9 |
| -9.735 m | -15.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 11 |
| -9.735 m | -9.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 13 |
| -9.735 m | -3.250 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 15 |
| 9.735 m | -3.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 2 |
| 9.735 m | -9.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 4 |
| 9.735 m | -15.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 6 |
| 9.735 m | -21.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 8 |
| 9.735 m | 21.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 10 |
| 9.735 m | 15.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 12 |
| 9.735 m | 9.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 14 |
| 9.735 m | 3.250 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 16 |
| -9.735 m | 26.734 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 33 |
| 9.735 m | 26.734 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 34 |
| -9.735 m | -26.734 m | 2.500 m | 0.0° / -0.0° / -90.0° | 0.80 | 35 |
| 9.735 m | -26.734 m | 2.500 m | 0.0° / -0.0° / 90.0° | 0.80 | 36 |



MOVILA-CT - Statie Conpet

Plan de poziționare al corpuri de iluminat

Schröder - 548252 - INDU LINE GEN4 Low depth bowl, PC, Opal NW 840 230V
1x LED NW 840

| X | Y | Înălțime de montare | Rotația carcasei | MF | Corp de iluminat |
|----------|-----------|---------------------|-----------------------|------|------------------|
| 10.682 m | 26.625 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 17 |
| 10.682 m | 23.075 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 18 |
| 10.682 m | 19.525 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 19 |
| 10.682 m | 15.975 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 20 |
| 10.682 m | 12.425 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 21 |
| 10.682 m | 8.875 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 22 |
| 10.682 m | 5.325 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 23 |
| 10.682 m | 1.775 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 24 |
| 10.682 m | -1.775 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 25 |
| 10.682 m | -5.325 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 26 |
| 10.682 m | -8.875 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 27 |
| 10.682 m | -12.425 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 28 |
| 10.682 m | -15.975 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 29 |
| 10.682 m | -19.525 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 30 |
| 10.682 m | -23.075 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 31 |
| 10.682 m | -26.625 m | 3.948 m | 0.0° / -0.0° / -90.0° | 0.80 | 32 |



MOVILA-CT - Statie Conpet

Listă corpuri de iluminat

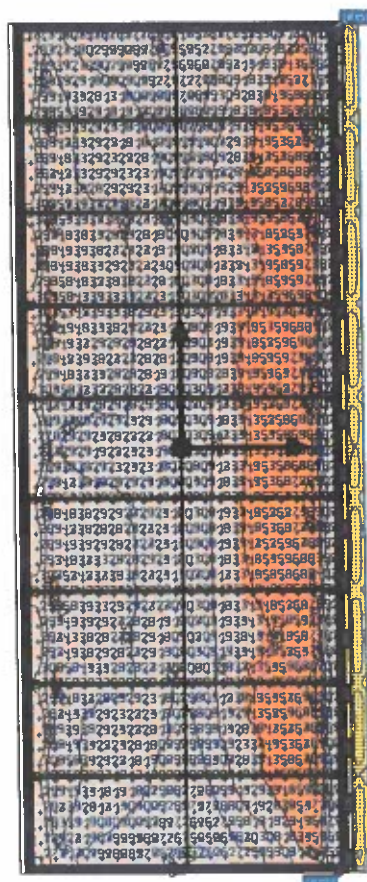
Φ_{total} P_{total} Eficiența luminoasă
 511720 lm 3736.0 W 137.0 lm/W

| buc. | Producător | Nr.articol | Nume articol | P | Φ | Eficiența luminoasă |
|------|------------|------------|--|---------|----------|---------------------|
| 20 | Schröder | 347352 | OMNISTAR 2261 Flat glass frosted 72 LH351C@700mA NW 740 230V 00-17-554 347352 | 158.0 W | 21186 lm | 134.1 lm/W |
| 16 | Schröder | 548252 | INDU LINE GEN4 Low depth bowl, PC, Opal NW 840 230V | 36.0 W | 5500 lm | 152.8 lm/W |



MOVILA-CT - Statie Conpet (Iluminat general)

Calcul obiecte



MOVILA-CT - Statie Conpet (Iluminat general)

Calcul obiecte

Suprafețe de calcul

| Proprietăți | \bar{E} | E_{min} | E_{max} | $U_0 (g_1)$ | g_2 | Index |
|--|-----------|-----------|-----------|-------------|-------|-------|
| Cuva mare Iluminare orizontală Înălțime: -3.770 m | 327 lx | 247 lx | 409 lx | 0.76 | 0.60 | CG1 |
| Alee langa Cuva mare Iluminare perpendiculară Înălțime: -0.000 m | 187 lx | 102 lx | 232 lx | 0.55 | 0.44 | CG2 |

Cuva mare (GR)

Opacitate maximă la 15°

max 29

Nominal ≤50

Sector vedere 0° - 360°

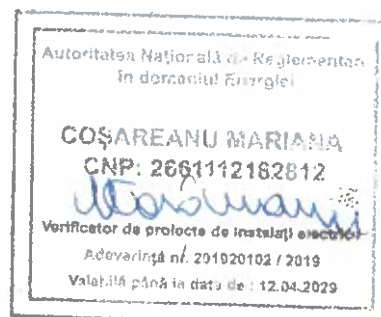
Lungimea pasului 15°

Unghi de înclinare -2°

Înălțime -2.270 m

Index CG1

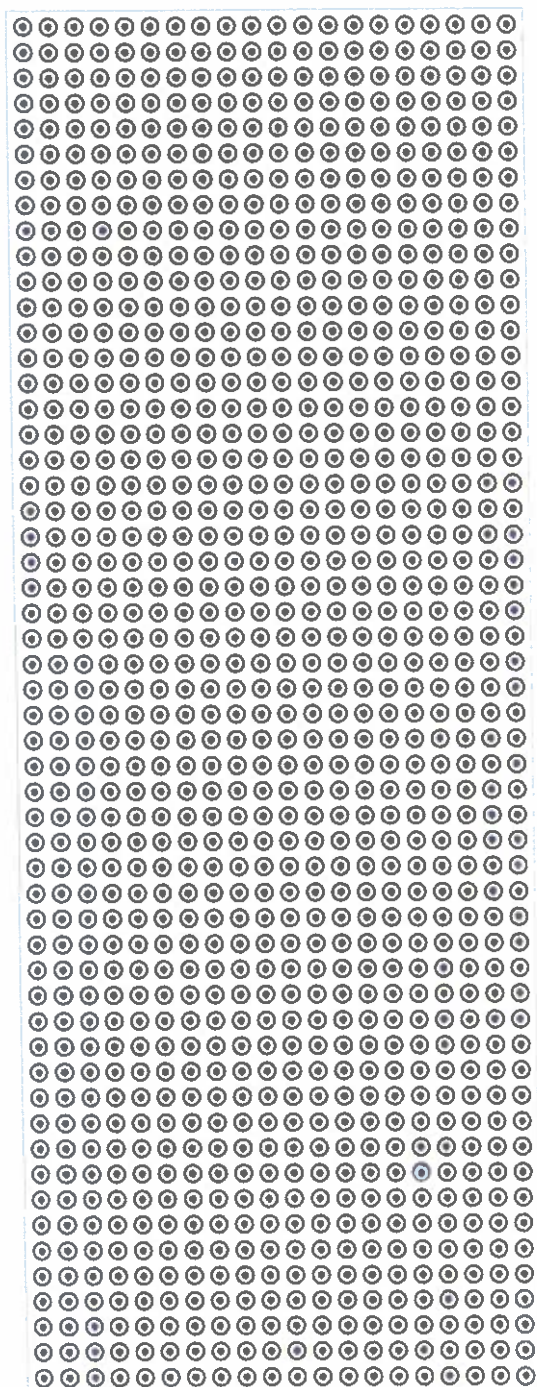
Metodă calcul exact



MOVILA-CT - Statie Conpet (Iluminat general)

Calcul obiecte

Cuva mare (GR)

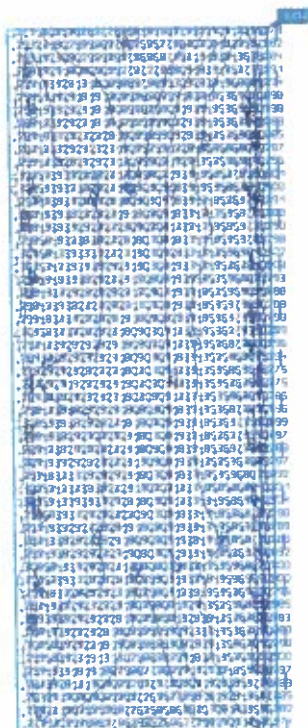


Profil util: Presetarea DIALux (5.1.4 Standard (zona de circulație în aer liber))



MOVILA-CT - Statie Conpet (Iluminat general)

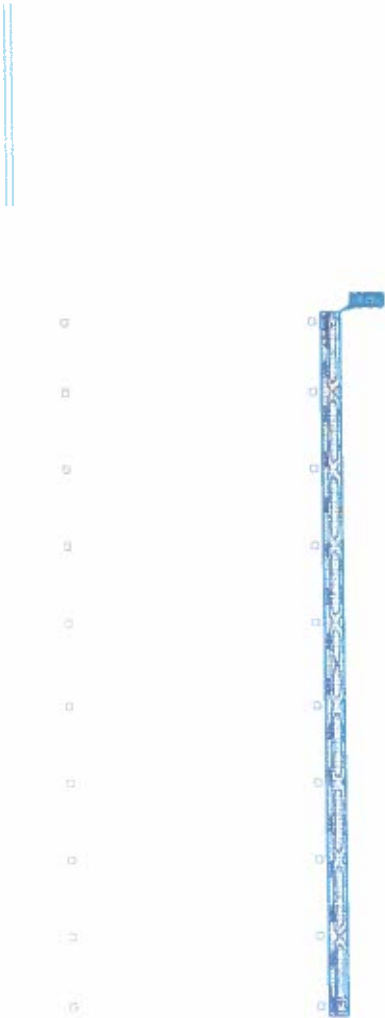
Cuva mare



| Proprietăți | Ē | E _{min} | E _{max} | U ₀ (g ₁) | g ₂ | Index |
|---|--------|------------------|------------------|----------------------------------|----------------|-------|
| Cuva mare iluminare orizontală Înălțime: -3.770 m | 327 lx | 247 lx | 409 lx | 0.76 | 0.60 | CG1 |

Profilul: Presetarea DIALux (5.1.4 Standard (zona de circulație în aer liber))

MOVILA-CT - Statie Conpet (Iluminat general)
Alee langa Cuva mare



| Proprietăți | Ē | E _{min} | E _{max} | U ₀ (g ₁) | g ₂ | Index |
|---|--------|------------------|------------------|----------------------------------|----------------|-------|
| Alee langa Cuva mare Iluminare perpendiculară Înălțime: 0.000 m | 187 lx | 102 lx | 232 lx | 0.55 | 0.44 | CG2 |

Profil util: Presetarea DIALux (5.1.4 Standard (zona de circulație în aer liber))