

## **Ekonomska skola Vukovar**

Date: 14.09.2020  
Operator:



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## Table of contents

### Ekonomska skola Vukovar

Project Cover 1

Table of contents 2

#### Administrativna zgrada\_zbornica

Summary 3

Luminaire parts list 4

#### Administrativna zgrada\_hodnik administracija\_Pr\_33

Summary 5

Luminaire parts list 6

### Škola\_2kat\_učionica informatike\_K2\_16

Summary 7

Luminaire parts list 8

### Škola\_2kat\_bilogija/kemija\_K2\_14

Summary 9

Luminaire parts list 10

### Škola\_2kat\_sanitarije\_K2\_11

Summary 11

Luminaire parts list 12

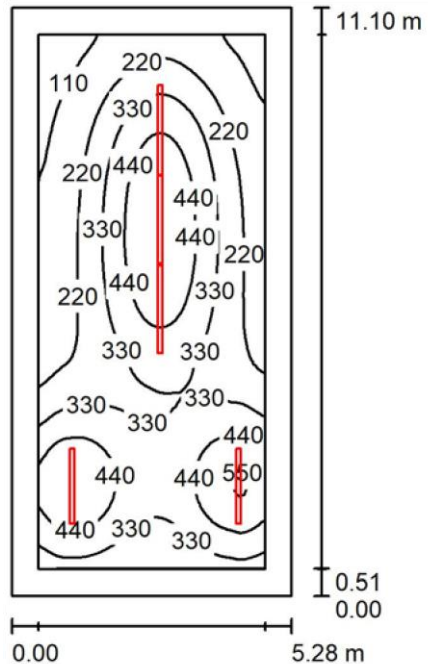




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## Summary

### Administrativna zgrada\_zbornica /



Height of Room: 3.650 m, Mounting Height: 2.900 m, Light loss factor: 0.80

Values in Lux, Scale 1:143

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u0$  |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 318           | 60             | 564            | 0.188 |
| Floor     | 20         | 249           | 63             | 376            | 0.255 |
| Ceiling   | 70         | 46            | 24             | 64             | 0.526 |
| Walls (4) | 50         | 98            | 26             | 360            | /     |

#### Workplane:

Height: 0.800 m  
Grid: 64 x 128 Points  
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.285, Ceiling / Working Plane: 0.146.

#### Luminaire Parts List

| No. | Pieces | Designation (Correction Factor) | $\Phi$ (Luminaire) [lm] | $\Phi$ (Lamps) [lm] | P [W] |
|-----|--------|---------------------------------|-------------------------|---------------------|-------|
|-----|--------|---------------------------------|-------------------------|---------------------|-------|



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1            3        3587    3587    36.0



2            2        5985    5985    57.0



Total: 22731

Total: 22731

222.0

Specific connected load:  $3.79 \text{ W/m}^2 = 1.19 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $58.56 \text{ m}^2$ )





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## Administrativna zgrada\_zbornica /

3 Pieces

[REDACTED]

[REDACTED]

Article No.: [REDACTED]

Luminous flux (Luminaire): 3587 lm

Luminous flux (Lamps): 3587 lm

Luminaire Wattage: 36.0 W

Luminaire classification according to CIE: 100

CIE flux code: 55 85 96 100 100 Fitting: 1 x

[REDACTED] (Correction Factor 1.000).

2 Pieces

[REDACTED]

[REDACTED]

Article No.: [REDACTED]

Luminous flux (Luminaire): 5985 lm

Luminous flux (Lamps): 5985 lm

Luminaire Wattage: 57.0 W

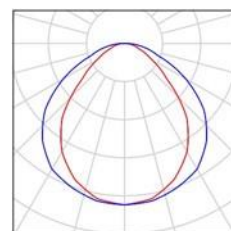
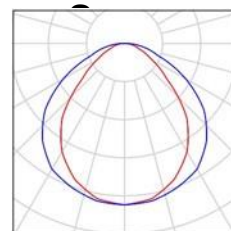
Luminaire classification according to CIE: 100

CIE flux code: 55 85 96 100 100 Fitting: 1 x

[REDACTED] (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.

See our luminaire catalog  
for an image of the  
luminaire.



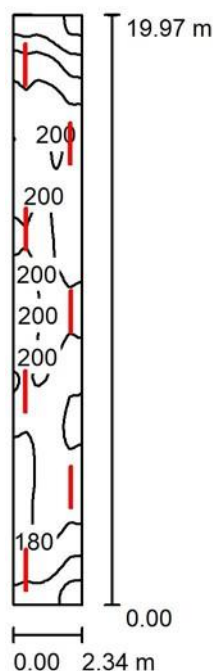
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Luminaire par

**Administrativna zgrada\_hodnik administracija\_Pr\_33**

/



Height of Room: 3.450 m, Mounting Height: 3.450 m, Light loss factor: 0.80

Values in Lux, Scale 1:257

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u_0$ |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 183           | 112            | 209            | 0.615 |
| Floor     | 20         | 183           | 109            | 210            | 0.598 |
| Ceiling   | 70         | 75            | 43             | 196            | 0.577 |
| Walls (5) | 50         | 153           | 59             | 963            | /     |

**Workplane:**

Height: 0.000 m

Grid: 128 x 16 Points

Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.837, Ceiling / Working Plane: 0.408.

**Luminaire Parts List**

| No. | Pieces | Designation (Correction Factor) | $\phi$ (Luminaire) [lm] | $\phi$ (Lamps) [lm] | P [W] |
|-----|--------|---------------------------------|-------------------------|---------------------|-------|
| 1   | 7      |                                 | 3473                    | 5210                | 38.0  |
|     |        |                                 | Total: 24309            | Total: 36470        | 266.0 |

Specific connected load:  $5.71 \text{ W/m}^2 = 3.13 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $46.56 \text{ m}^2$ )

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Sum

### Administrativna zgrada\_hodnik administracija\_Pr\_33 /

7 Pieces

LED See our luminaire catalog  
for an image of the Article No.:  
luminaire.

Luminous flux (Luminaire): 3473 lm

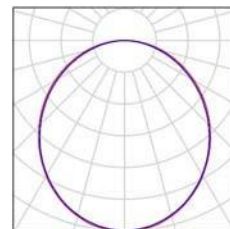
Luminous flux (Lamps): 5210 lm

Luminaire Wattage: 38.0 W

Luminaire classification according to CIE: 100

CIE flux code: 47 78 95 100 67

Fitting: (Correction  
Factor 1.000).



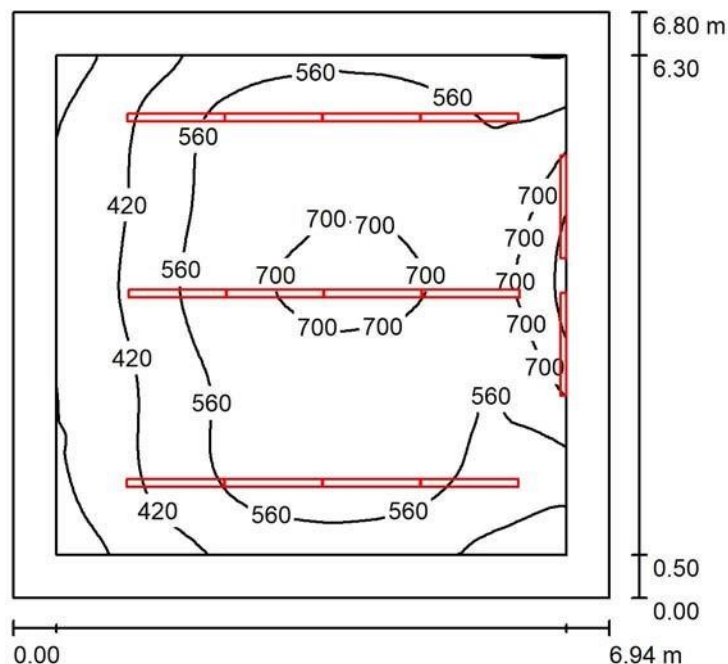
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Luminaire par

Škola\_2kat\_učionica informatike\_K2\_16

/



Height of Room: 3.500 m, Mounting Height: 2.950 m, Light loss factor: 0.80

Values in Lux, Scale 1:88

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u_0$ |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 556           | 218            | 891            | 0.392 |
| Floor     | 20         | 451           | 182            | 879            | 0.404 |
| Ceiling   | 70         | 98            | 61             | 138            | 0.622 |
| Walls (4) | 50         | 221           | 65             | 901            | /     |

**Workplane:**

Height: 0.800 m

Grid: 64 x 64 Points

Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.380, Ceiling / Working Plane: 0.176.

**Luminaire Parts List**

| No. | Pieces | Designation (Correction Factor) | $\Phi$ (Luminaire) [lm] | $\Phi$ (Lamps) [lm] | P [W] |
|-----|--------|---------------------------------|-------------------------|---------------------|-------|
| 1   | 12     | [Redacted]                      | 2391                    | 2391                | 24.0  |
| 2   | 2      | [Redacted]                      | 3772                    | 4099                | 32.0  |





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(1.000)

Specific connected load:  $7.46 \text{ W/m}^2 = 1.34 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $47.18 \text{ m}^2$ )

Total: 36236

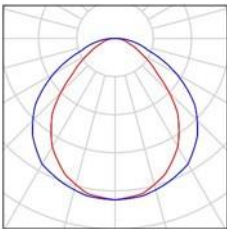
Total: 36890 352.0

**Škola\_2kat\_učionica informatike\_K2\_16 /**

12 Pieces

[Redacted]

See our luminaire catalog  
for an image of the  
luminaire.



Article No.: [Redacted]  
Luminous flux (Luminaire): 2391 lm  
Luminous flux (Lamps): 2391 lm  
Luminaire Wattage: 24.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 55 85 96 100 100 Fitting: 1 x  
(Correction Factor 1.000).

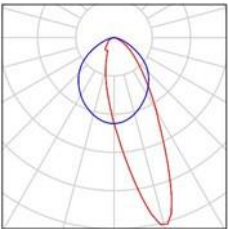
2 Pieces

[Redacted]

[Redacted]

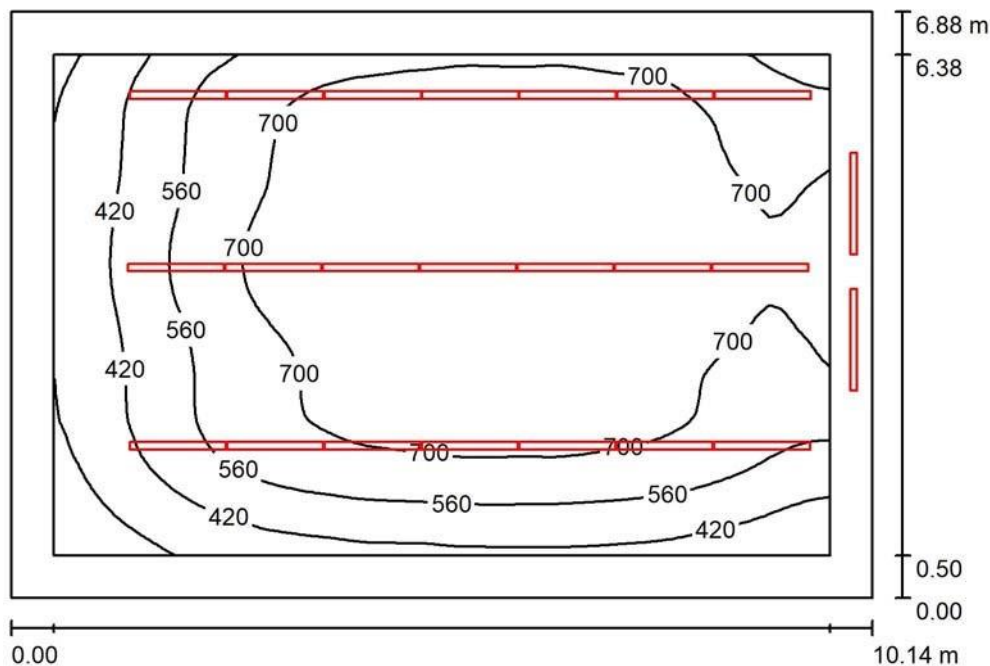
Article No.: [Redacted]  
Luminous flux (Luminaire): 3772 lm  
Luminous flux (Lamps): 4099 lm  
Luminaire Wattage: 32.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 65 91 99 100 92 Fitting: 1 x  
[Redacted] Correction  
Factor 1.000).

See our luminaire catalog for  
of the luminaire.



an image

## Škola\_2kat\_bilogija/kemija\_K2\_14 /



Height of Room: 3.500 m, Mounting Height: 2.950 m, Light loss factor: 0.80

Values in Lux, Scale 1:89

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u0$  |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 632           | 174            | 841            | 0.276 |
| Floor     | 20         | 523           | 170            | 794            | 0.325 |
| Ceiling   | 70         | 114           | 64             | 193            | 0.559 |
| Walls (4) | 50         | 249           | 72             | 2371           | /     |

**Workplane:**

Height: 0.800 m  
 Grid: 64 x 64 Points  
 Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.383, Ceiling / Working Plane: 0.180.

**Luminaire Parts List**

| No.    | Pieces | Designation (Correction Factor) | $\Phi$ (Luminaire) [lm] | $\Phi$ (Lamps) [lm] | P [W] |
|--------|--------|---------------------------------|-------------------------|---------------------|-------|
| 1      | 21     | [Redacted]                      | 2391                    | 2391                | 24.0  |
| 2      | 2      | [Redacted]<br>(1.000)           | 3772                    | 4099                | 32.0  |
| Total: |        |                                 | 57755                   | 58409               | 568.0 |

Specific connected load:  $8.14 \text{ W/m}^2 = 1.29 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $69.80 \text{ m}^2$ )

### Škola\_2kat\_bilogija/kemija\_K2\_14 /

21 Pieces

[REDACTED]

See our luminaire catalog  
for an image of the  
luminaire.

[REDACTED]

Article No.: [REDACTED]

Luminous flux (Luminaire): 2391 lm

Luminous flux (Lamps): 2391 lm

Luminaire Wattage: 24.0 W

Luminaire classification according to CIE: 100

CIE flux code: 55 85 96 100 100 Fitting: 1 x

[REDACTED] (Correction Factor 1.000).

2 Pieces

[REDACTED] Troll

[REDACTED]

[REDACTED]

[REDACTED]

Article No.: [REDACTED]

Luminous flux (Luminaire): 3772 lm

Luminous flux (Lamps): 4099 lm

Luminaire Wattage: 32.0 W

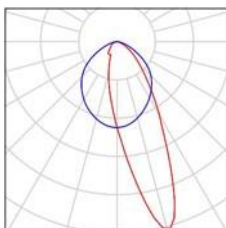
Luminaire classification according to CIE: 100

CIE flux code: 65 91 99 100 92 Fitting: 1 x

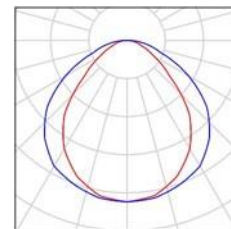
[REDACTED] Correction

Factor 1.000).

See our luminaire catalog for  
of the luminaire.



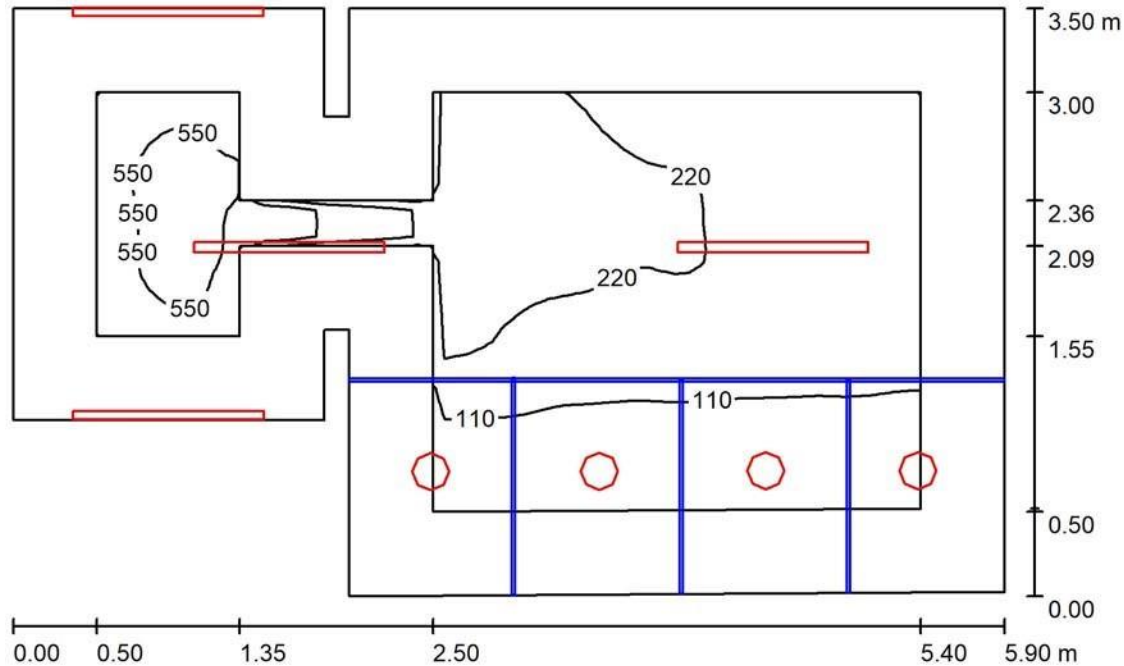
an image





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## Škola\_2kat\_sanitarije\_K2\_11 / Summary



Height of Room: 2.750 m, Light loss factor: 0.80

Values in Lux, Scale 1:45

| Surface     | $\rho$ [%]       | $E_{av}$ [lx]             | $E_{min}$ [lx]              | $E_{max}$ [lx]              | $u0$ |
|-------------|------------------|---------------------------|-----------------------------|-----------------------------|------|
| Workplane / | 235 65 573 0.278 | Floor 20 242 53 567 0.221 | Ceiling 70 128 57 293 0.443 | Walls (12) 50 234 23 8552 / |      |

**Workplane:**

Height: 0.000 m

Grid: 32 x 64 Points

Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 1.007, Ceiling / Working Plane: 0.548.

**Luminaire Parts List**

| No.          | Pieces | Designation (Correction Factor) | $\square$ (Luminaire) [lm] | $\square$ (Lamps) [lm] | P [W] |
|--------------|--------|---------------------------------|----------------------------|------------------------|-------|
| 1            | 2      | 3096 4644 28.0                  |                            |                        |       |
| 2            | 4      | 1138 1667 13.2                  |                            |                        |       |
| 3            | 2      | 3375 4644 28.0<br>(1.000)       |                            |                        |       |
| Total: 17491 |        |                                 | Total: 25244               |                        | 164.8 |

Specific connected load:  $8.99 \text{ W/m}^2 = 3.83 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $18.32 \text{ m}^2$ )





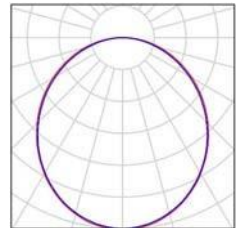
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## Škola\_2kat\_sanitarije\_K2\_11 / Luminaire parts list

2 Pieces

See our luminaire catalog  
for an image of the Article No.:  
luminaire.

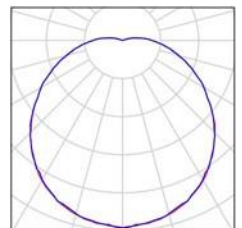
Luminous flux (Luminaire): 3096 lm  
Luminous flux (Lamps): 4644 lm  
Luminaire Wattage: 28.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 47 78 95 100 67  
Fitting (Correction Factor 1.000).



4 Pieces

See our luminaire catalog  
for an image of the  
Article No.:  
luminaire.

Luminous flux (Luminaire): 1138 lm  
Luminous flux (Lamps): 1667 lm  
Luminaire Wattage: 13.2 W  
Luminaire classification according to CIE: 96  
CIE flux code: 41 70 89 96 68  
Fitting: 1 x LED (Correction Factor 1.000).



2 Pieces

See our luminaire catalog  
for an image of the Article No.:  
luminaire.

Luminous flux (Luminaire): 3375 lm  
Luminous flux (Lamps): 4644 lm  
Luminaire Wattage: 28.0 W  
Luminaire classification according to CIE: 79  
CIE flux code: 36 65 86 79 73  
Fitting (Correction Factor 1.000).

