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12.12.2017.

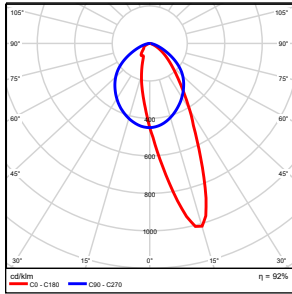

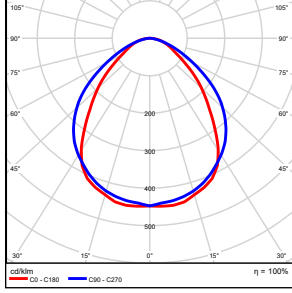
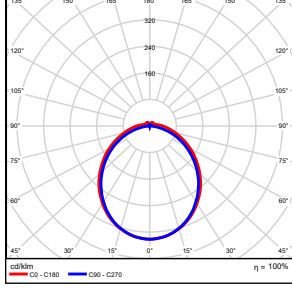
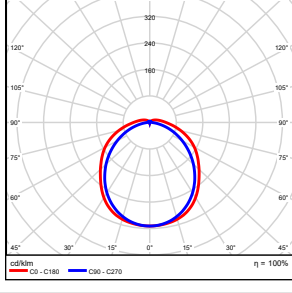
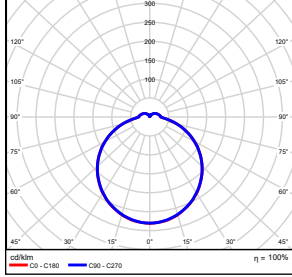
## Energetska obnova PŠ Gornji Draganac

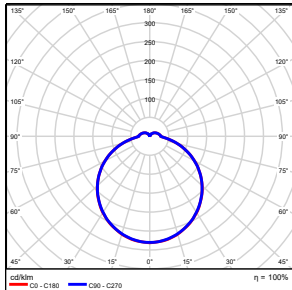
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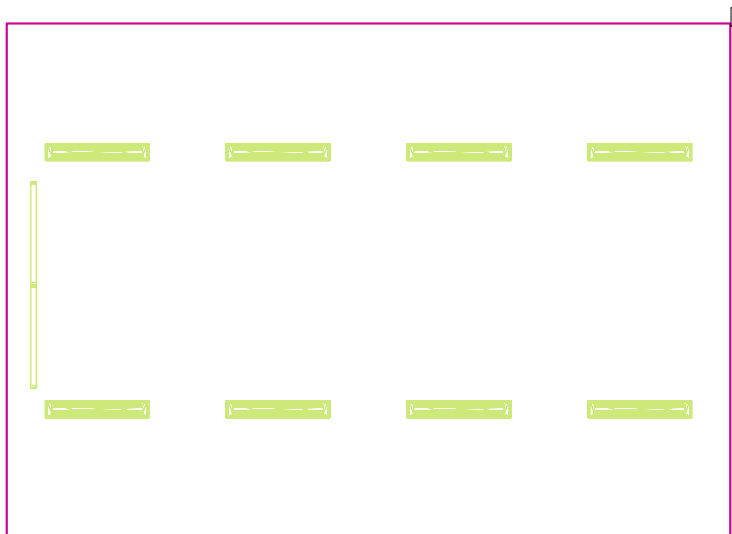
## Energetska obnova PŠ Gornji Draganac

Quantity	Luminaire (Luminous emittance)		
2	LUXIONA Troli ARUN_SLIM_LED_XXX_OPTICS-3 ARUNA SLIM Z LED 4000LM OPTICS-3 E 34 840 L-1200 Luminous emittance 1 Fitting: 1xModuL, LED LINEAR 4000lm/840 Light output ratio: 92.03% Lamp luminous flux: 4099 lm Luminaire Luminous Flux: 3772 lm Power: 32.0 W Light yield: 117.9 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	
12	Philips Lighting SM120V W20L120 1xLED37S/840 PSU Luminous emittance 1 Fitting: 1xLED37S/840/- Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100		
14	TREVOS BELTR LED 2.4ft 5200/840 LED, diffuser PC Luminous emittance 1 Fitting: 1xLEDLine Light output ratio: 100% Lamp luminous flux: 3770 lm Luminaire Luminous Flux: 3770 lm Power: 35.0 W Light yield: 107.7 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	
3	Trevos FUTURA 2.4ft PC AI 8800/840 LED, industrial, body PC with aluminium cooler, diffuser translucent PC Luminous emittance 1 Fitting: 1xLamp LED Light output ratio: 100.08% Lamp luminous flux: 8000 lm Luminaire Luminous Flux: 8007 lm Power: 58.0 W Light yield: 138.0 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	
3	TREVOS LINEA ROUND 1800/840 LED interior circular, surface mounted Luminous emittance 1 Fitting: 1xLED Light output ratio: 99.92% Lamp luminous flux: 1500 lm Luminaire Luminous Flux: 1499 lm Power: 13.0 W Light yield: 115.3 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	

Quantity	Luminaire (Luminous emittance)		
1	TREVOS LINEA ROUND 3600/840 LED interior circular, surface mounted Luminous emittance 1 Fitting: 1xLED Light output ratio: 99.92% Lamp luminous flux: 2930 lm Luminaire Luminous Flux: 2928 lm Power: 27.0 W Light yield: 108.4 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 136808 lm, Total luminaire luminous flux: 136134 lm, Total Load: 1280.0 W, Light yield: 106.4 lm/W

## učionica



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	477 (300)	193	1118	0.40	0.17

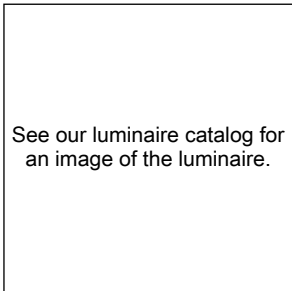
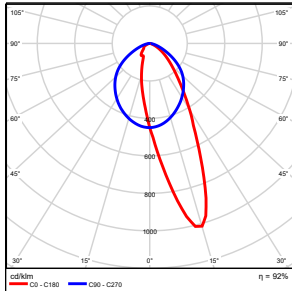

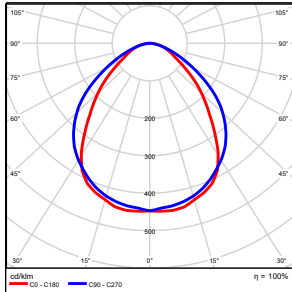
## No. Quantity

1	2	LUXIONA Troll ARUN_SLIM_LED_XXX_OPTICS-3 ARUNA SLIM Z LED 4000LM OPTICS-3 E 34 840 L-1200 Light output ratio: 92.03% Lamp luminous flux: 4099 lm Luminaire Luminous Flux: 3772 lm Power: 32.0 W Light yield: 117.9 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	
2	8	Philips Lighting SM120V W20L120 1xLED37S/840 PSU Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100		

Total lamp luminous flux: 37798 lm, Total luminaire luminous flux: 37120 lm, Total Load: 388.0 W, Light yield: 95.7 lm/W

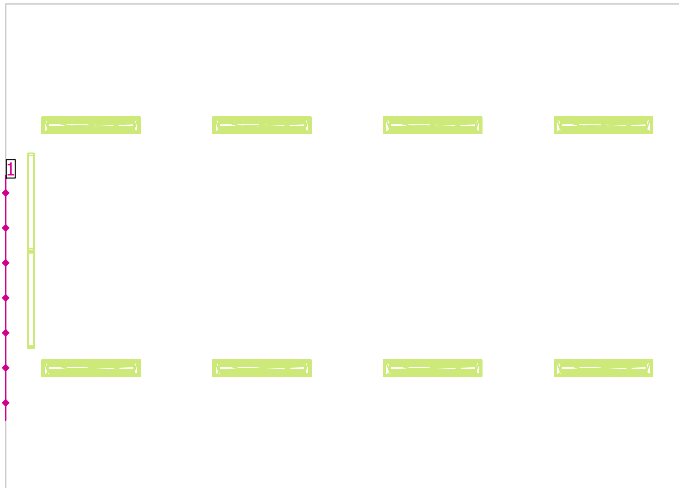
Lighting power density:  $7.79 \text{ W/m}^2 = 1.63 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $49.80 \text{ m}^2$ )

## učionica

Quantity	Luminaire (Luminous emittance)		
2	<p>LUXIONA Troli ARUN_SLIM_LED_XXX_OPTICS-3 ARUNA SLIM Z LED 4000LM OPTICS-3 E 34 840 L-1200</p> <p>Luminous emittance 1 Fitting: 1xModuL, LED LINEAR 4000lm/840 Light output ratio: 92.03% Lamp luminous flux: 4099 lm Luminaire Luminous Flux: 3772 lm Power: 32.0 W Light yield: 117.9 lm/W Colour temperature: 3000 K Colour rendering index: 100</p>	 <p>See our luminaire catalog for an image of the luminaire.</p>	
8	<p>Philips Lighting SM120V W20L120 1xLED37S/840 PSU</p> <p>Luminous emittance 1 Fitting: 1xLED37S/840/- Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100</p>		

Total lamp luminous flux: 37798 lm, Total luminaire luminous flux: 37120 lm, Total Load: 388.0 W, Light yield: 95.7 lm/W

## učionica



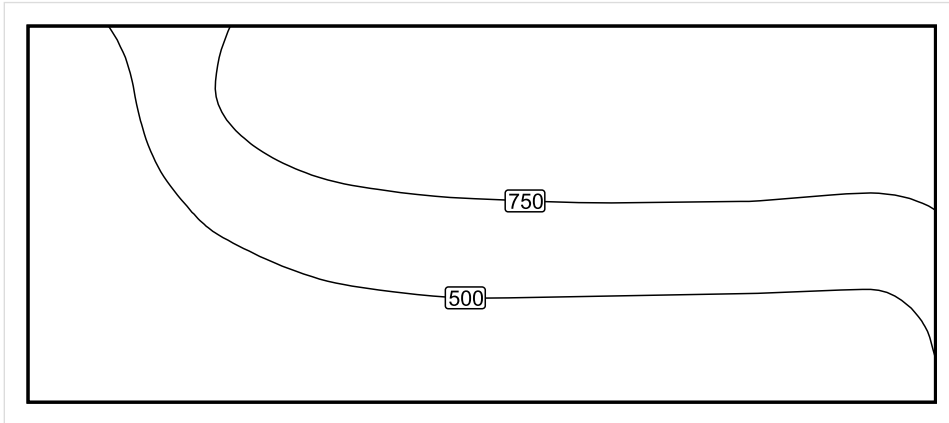
Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## General

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 Calculation surface 2	Perpendicular illuminance [lx]	693	328	1257	0.47	0.26



## Calculation surface 2

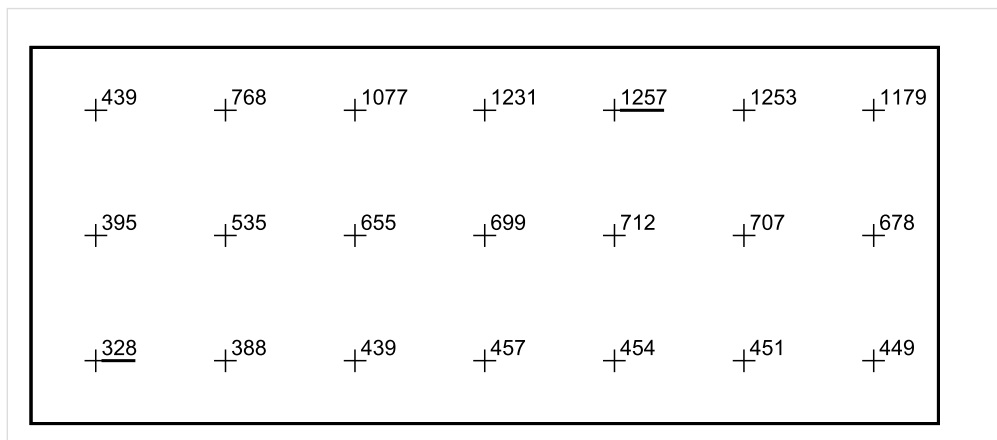


Scale: 1 : 25

Perpendicular illuminance (Grid)

Mean (actual): 693 lx, Min: 328 lx, Max: 1257 lx, Min/average: 0.47, Min/max: 0.26

## Calculation surface 2

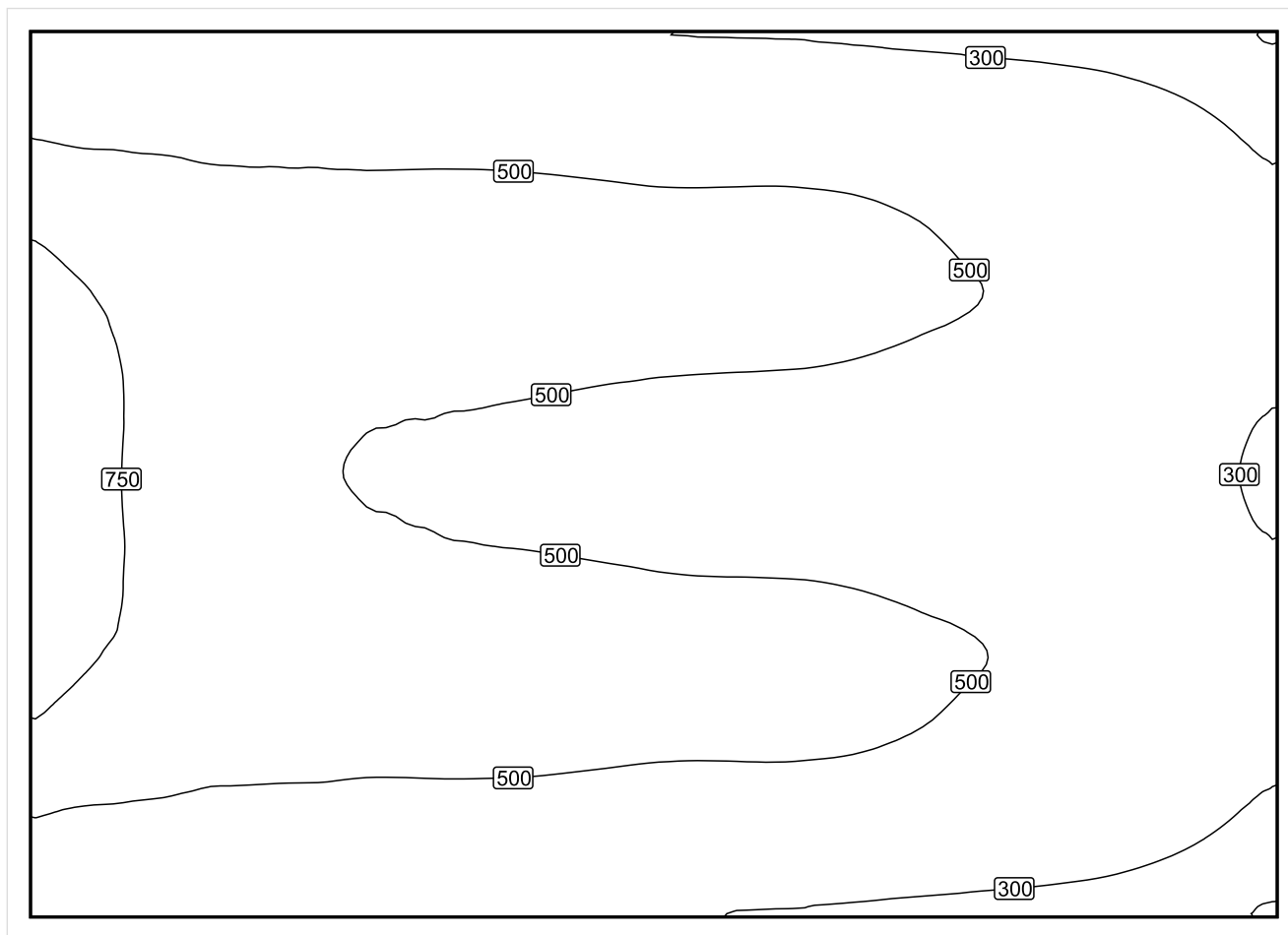


Scale: 1 : 25

Perpendicular illuminance (Grid)

Mean (actual): 693 lx, Min: 328 lx, Max: 1257 lx, Min/average: 0.47, Min/max: 0.26

## radna površina



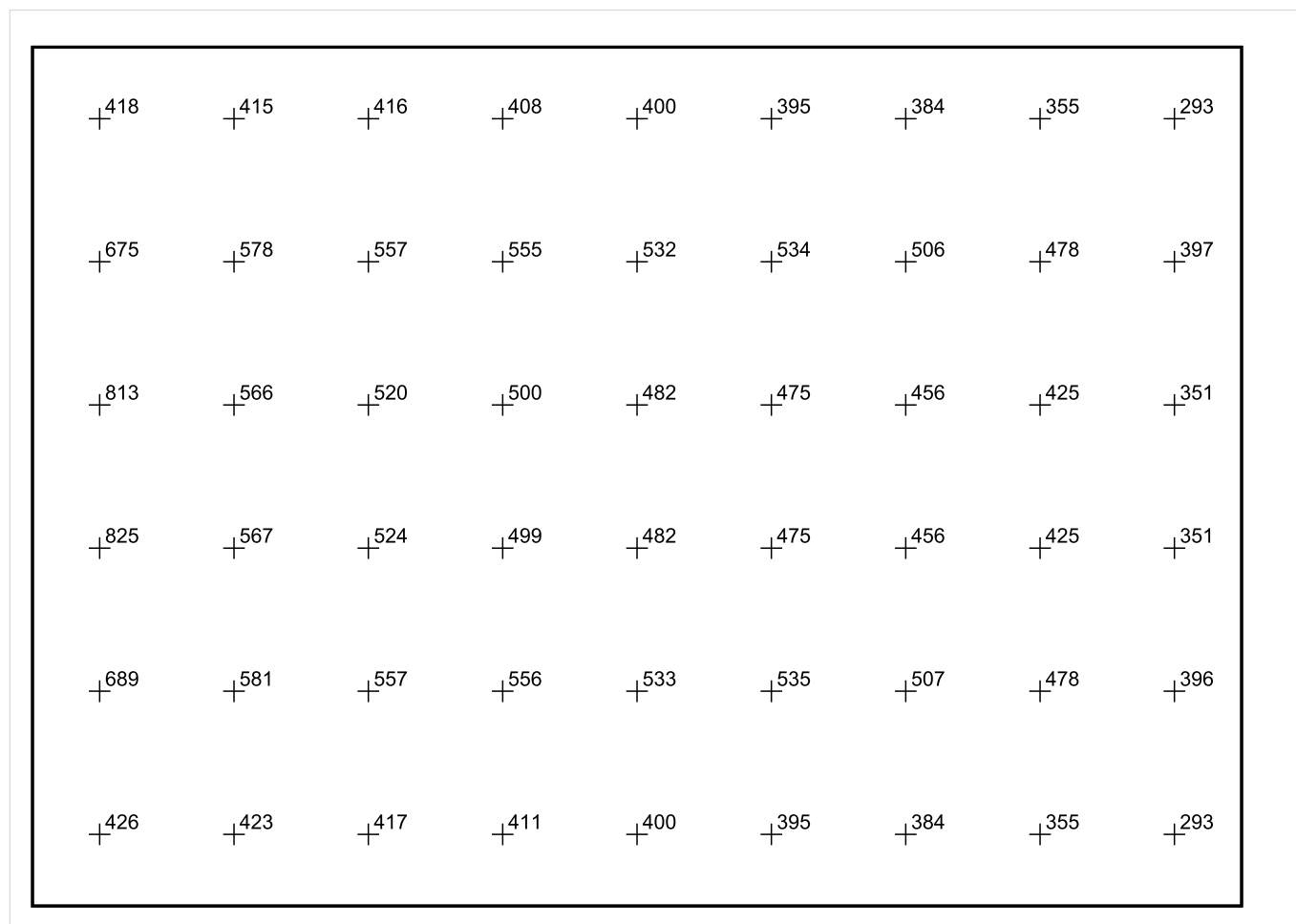
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 477 lx, Min: 193 lx, Max: 1118 lx, Min/average: 0.40, Min/max: 0.17

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



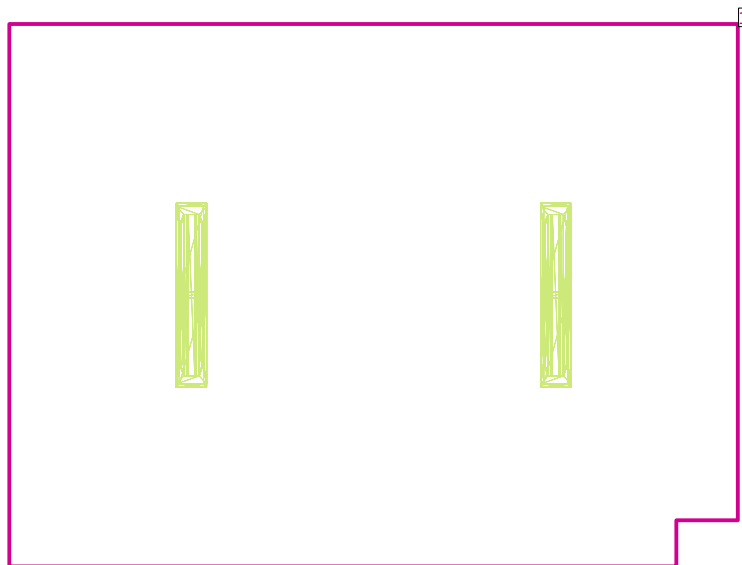
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 477 lx, Min: 193 lx, Max: 1118 lx, Min/average: 0.40, Min/max: 0.17

Height of working plane: 0.800 m, Wall zone: 0.000 m

## zbornica



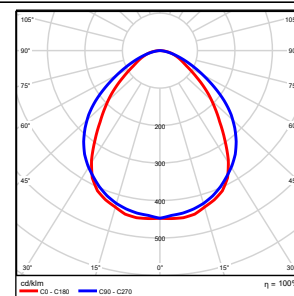
Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	261 (200)	126	360	0.48	0.35

## No. Quantity


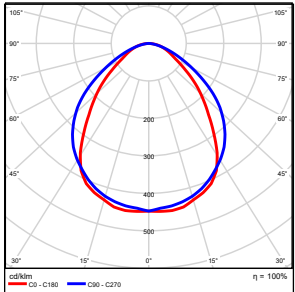
1	2	Philips Lighting SM120V W20L120 1xLED37S/840 PSU Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100
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Total lamp luminous flux: 7400 lm, Total luminaire luminous flux: 7394 lm, Total Load: 81.0 W, Light yield: 91.3 lm/W

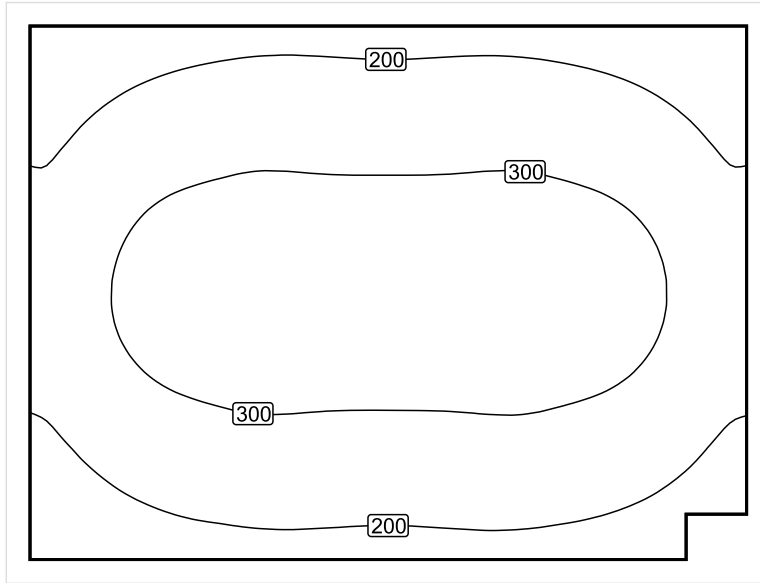
Lighting power density:  $4.88 \text{ W/m}^2 = 1.87 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $16.61 \text{ m}^2$ )

## zbornica

Quantity	Luminaire (Luminous emittance)
2	<p>Philips Lighting SM120V W20L120 1xLED37S/840 PSU Luminous emittance 1 Fitting: 1xLED37S/840/- Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100</p>  

Total lamp luminous flux: 7400 lm, Total luminaire luminous flux: 7394 lm, Total Load: 81.0 W, Light yield: 91.3 lm/W

## radna površina



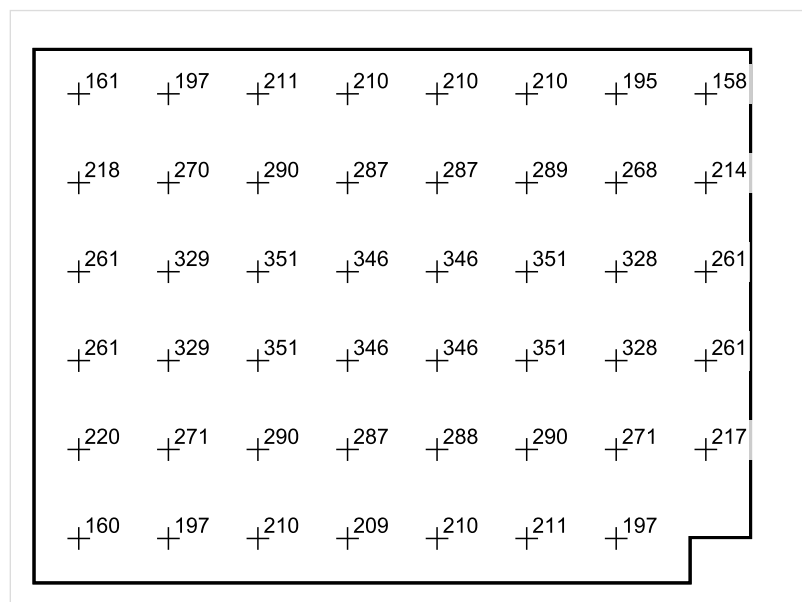
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 261 lx, Min: 126 lx, Max: 360 lx, Min/average: 0.48, Min/max: 0.35

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



Scale: 1 : 50

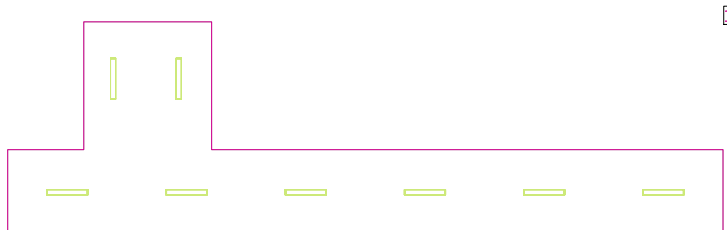
Perpendicular illuminance (Surface)

Mean (actual): 261 lx, Min: 126 lx, Max: 360 lx, Min/average: 0.48, Min/max: 0.35

Height of working plane: 0.800 m, Wall zone: 0.000 m



## hodnik



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

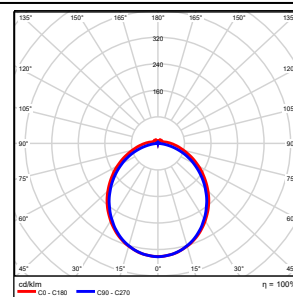
## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.000 m, Wall zone: 0.000 m	207 (100)	106	297	0.51	0.36

## No. Quantity

1	8	TREVOS BELTR LED 2.4ft 5200/840 LED, diffuser PC Light output ratio: 100% Lamp luminous flux: 3770 lm Luminaire Luminous Flux: 3770 lm Power: 35.0 W Light yield: 107.7 lm/W Colour temperature: 3000 K Colour rendering index: 100
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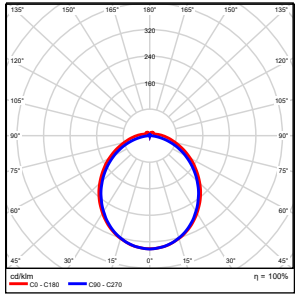
See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 30160 lm, Total luminaire luminous flux: 30160 lm, Total Load: 280.0 W, Light yield: 107.7 lm/W

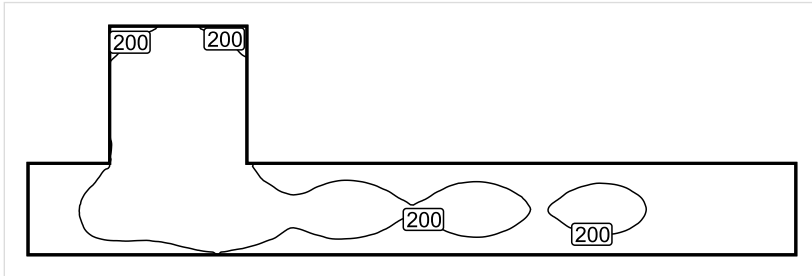
Lighting power density:  $4.49 \text{ W/m}^2 = 2.17 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $62.33 \text{ m}^2$ )

## hodnik

Quantity	Luminaire (Luminous emittance)
8	<p>TREVOS BELTR LED 2.4ft 5200/840 LED, diffuser PC Luminous emittance 1 Fitting: 1xLEDLine Light output ratio: 100% Lamp luminous flux: 3770 lm Luminaire Luminous Flux: 3770 lm Power: 35.0 W Light yield: 107.7 lm/W Colour temperature: 3000 K Colour rendering index: 100</p> <p>See our luminaire catalog for an image of the luminaire.</p>  The light distribution diagram is a circular beam spread chart. The vertical axis represents the angle from 0° to 135°, and the horizontal axis represents the angle from 45° to 45°. Concentric circles indicate illuminance levels in cd/m², with values of 160, 240, and 320. Two overlapping circles are shown: a red one for C0 - C160 and a blue one for C00 - C270. The efficiency is noted as η = 100%.

Total lamp luminous flux: 30160 lm, Total luminaire luminous flux: 30160 lm, Total Load: 280.0 W, Light yield: 107.7 lm/W

## radna površina



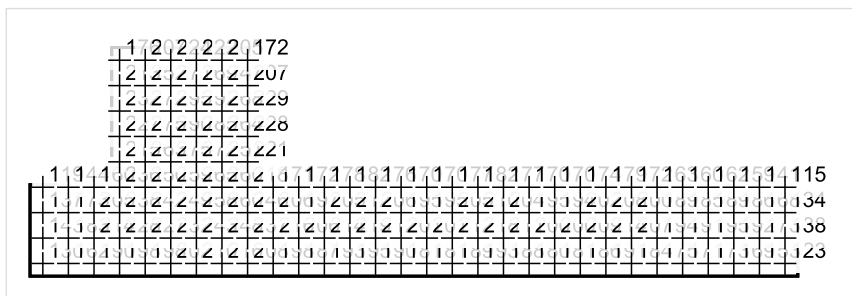
Scale: 1 : 200

Perpendicular illuminance (Surface)

Mean (actual): 207 lx, Min: 106 lx, Max: 297 lx, Min/average: 0.51, Min/max: 0.36

Height of working plane: 0.000 m, Wall zone: 0.000 m

## radna površina



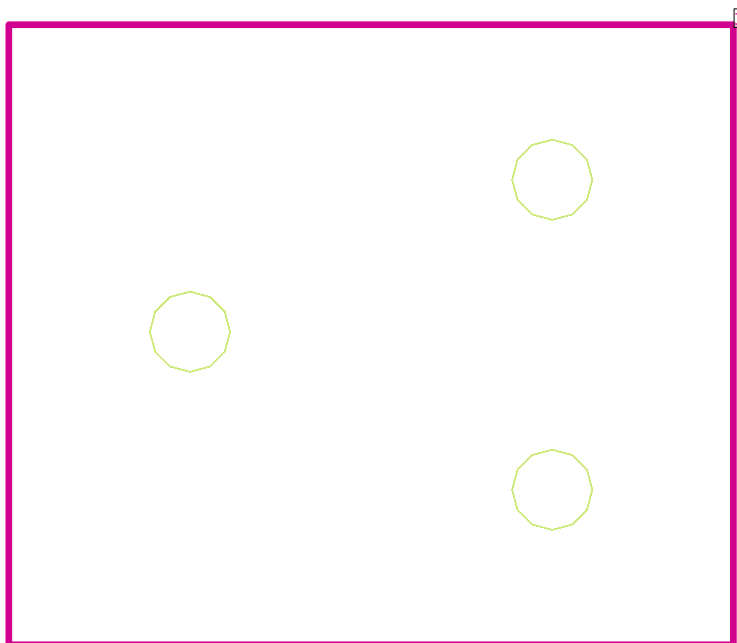
Scale: 1 : 200

Perpendicular illuminance (Surface)

Mean (actual): 207 lx, Min: 106 lx, Max: 297 lx, Min/average: 0.51, Min/max: 0.36

Height of working plane: 0.000 m, Wall zone: 0.000 m

## sanitarni čvor



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

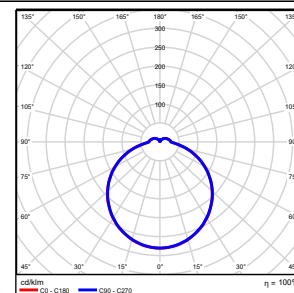
## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	211 (200)	129	259	0.61	0.50

## No. Quantity

1	3	TREVOS LINEA ROUND 1800/840 LED interior circular, surface mounted Light output ratio: 99.92% Lamp luminous flux: 1500 lm Luminaire Luminous Flux: 1499 lm Power: 13.0 W Light yield: 115.3 lm/W Colour temperature: 3000 K Colour rendering index: 100
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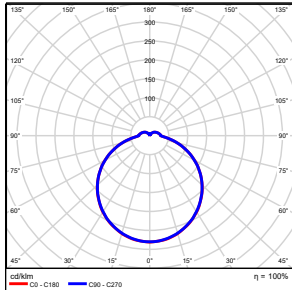
See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 4500 lm, Total luminaire luminous flux: 4497 lm, Total Load: 39.0 W, Light yield: 115.3 lm/W

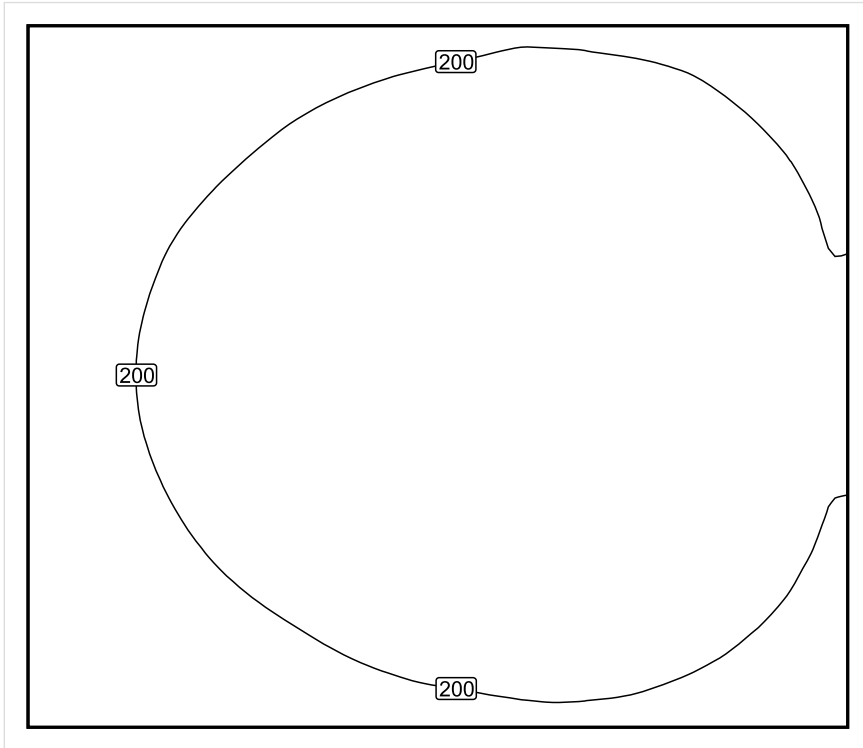
Lighting power density:  $6.20 \text{ W/m}^2 = 2.94 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $6.29 \text{ m}^2$ )

## sanitarni čvor

Quantity	Luminaire (Luminous emittance)		
3	TREVOS LINEA ROUND 1800/840 LED interior circular, surface mounted Luminous emittance 1 Fitting: 1xLED Light output ratio: 99.92% Lamp luminous flux: 1500 lm Luminaire Luminous Flux: 1499 lm Power: 13.0 W Light yield: 115.3 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 4500 lm, Total luminaire luminous flux: 4497 lm, Total Load: 39.0 W, Light yield: 115.3 lm/W

## radna površina



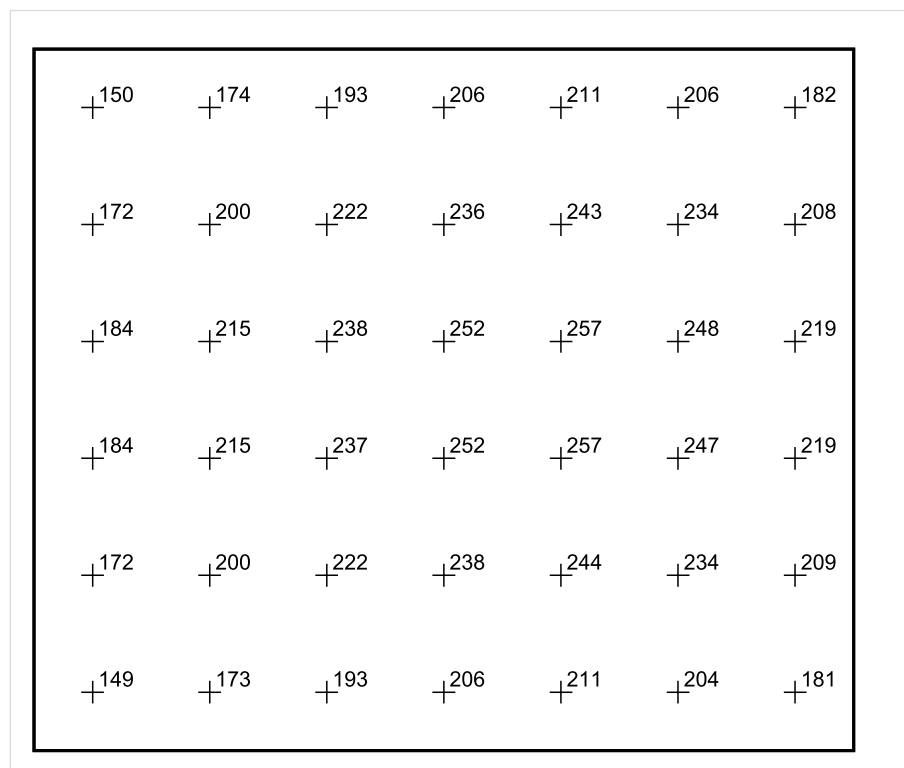
Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 211 lx, Min: 129 lx, Max: 259 lx, Min/average: 0.61, Min/max: 0.50

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



Scale: 1 : 25

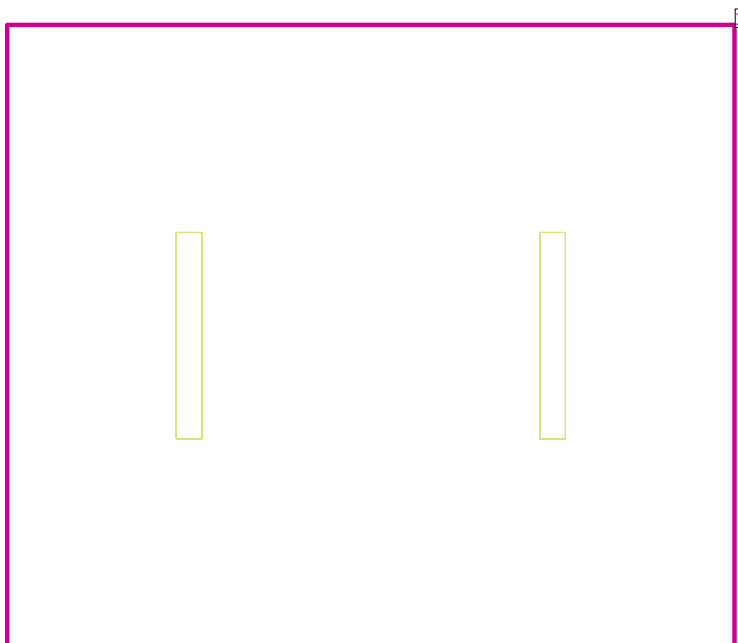
Perpendicular illuminance (Surface)

Mean (actual): 211 lx, Min: 129 lx, Max: 259 lx, Min/average: 0.61, Min/max: 0.50

Height of working plane: 0.800 m, Wall zone: 0.000 m



## kuhinja



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

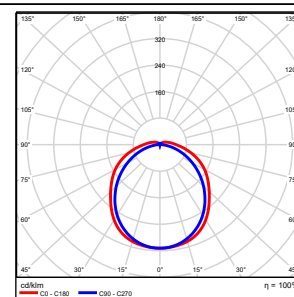
## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	516 (500)	279	702	0.54	0.40

## No. Quantity

1	2	Trevos FUTURA 2.4ft PC AI 8800/840 LED, industrial, body PC with aluminium cooler, diffuser translucent PC Light output ratio: 100.08% Lamp luminous flux: 8000 lm Luminaire Luminous Flux: 8007 lm Power: 58.0 W Light yield: 138.0 lm/W Colour temperature: 3000 K Colour rendering index: 100
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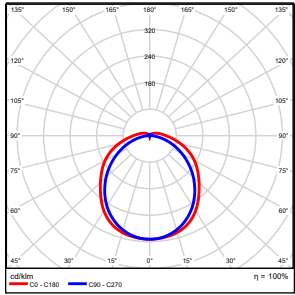
See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 16000 lm, Total luminaire luminous flux: 16014 lm, Total Load: 116.0 W, Light yield: 138.1 lm/W

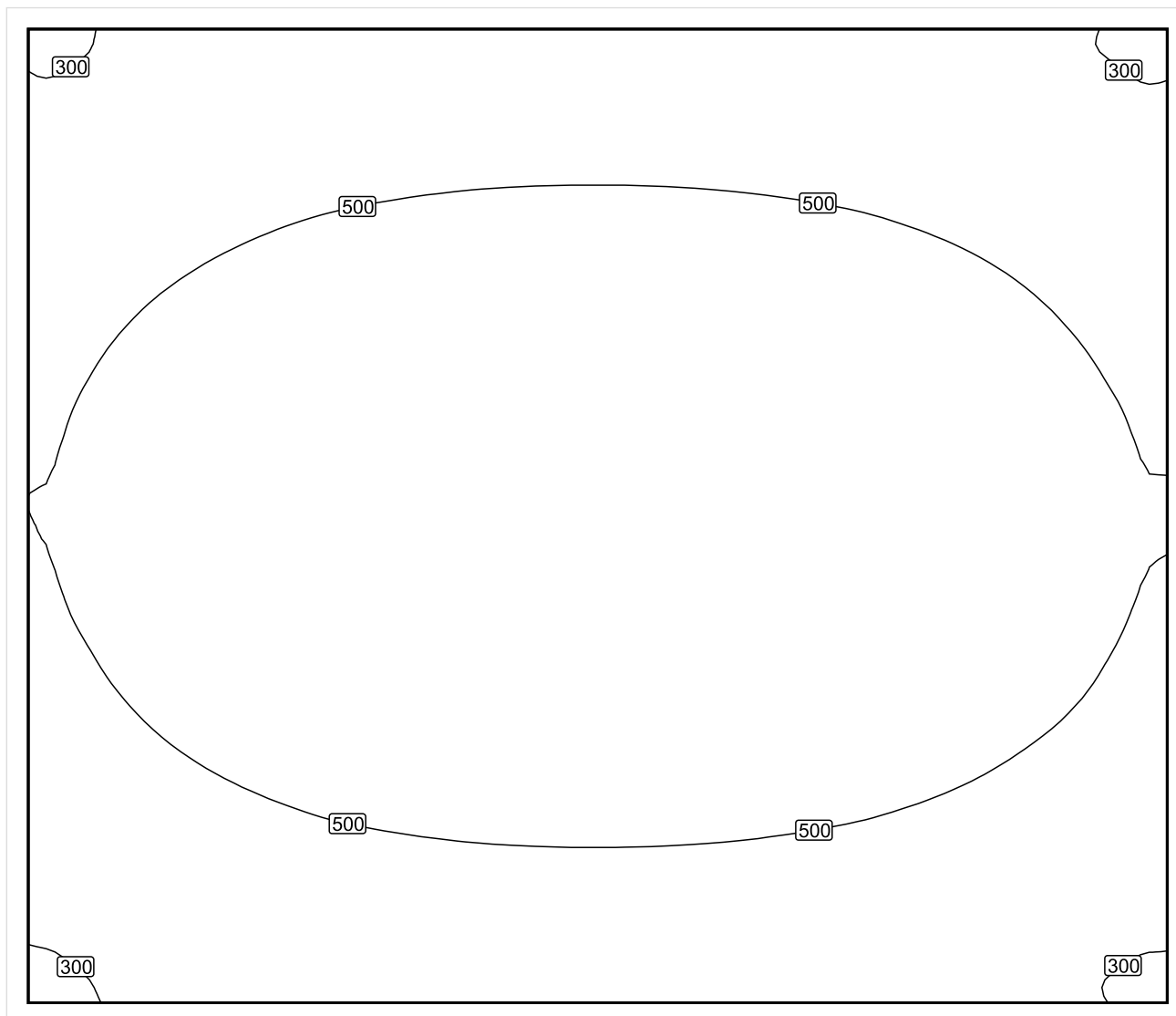
Lighting power density:  $7.96 \text{ W/m}^2 = 1.54 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $14.58 \text{ m}^2$ )

## kuhinja

Quantity	Luminaire (Luminous emittance)		
2	Trevos FUTURA 2.4ft PC AI 8800/840 LED,industrial,body PC with aluminium cooler,diffuser translucent PC Luminous emittance 1 Fitting: 1xLamp LED Light output ratio: 100.08% Lamp luminous flux: 8000 lm Luminaire Luminous Flux: 8007 lm Power: 58.0 W Light yield: 138.0 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	 A light distribution diagram (photometric curve) showing the beam spread and illuminance of the luminaire. The diagram is a circular grid with concentric circles representing illuminance levels (160, 240, 320 cd/m²) and radial lines representing beam angles (15°, 30°, 45°, 60°, 75°, 90°, 105°, 120°, 135°, 150°, 165°, 180°). Two overlapping circles are shown: a red one for C90-C180 and a blue one for C90-C270. The efficiency is noted as η = 100%.

Total lamp luminous flux: 16000 lm, Total luminaire luminous flux: 16014 lm, Total Load: 116.0 W, Light yield: 138.1 lm/W

## radna površina



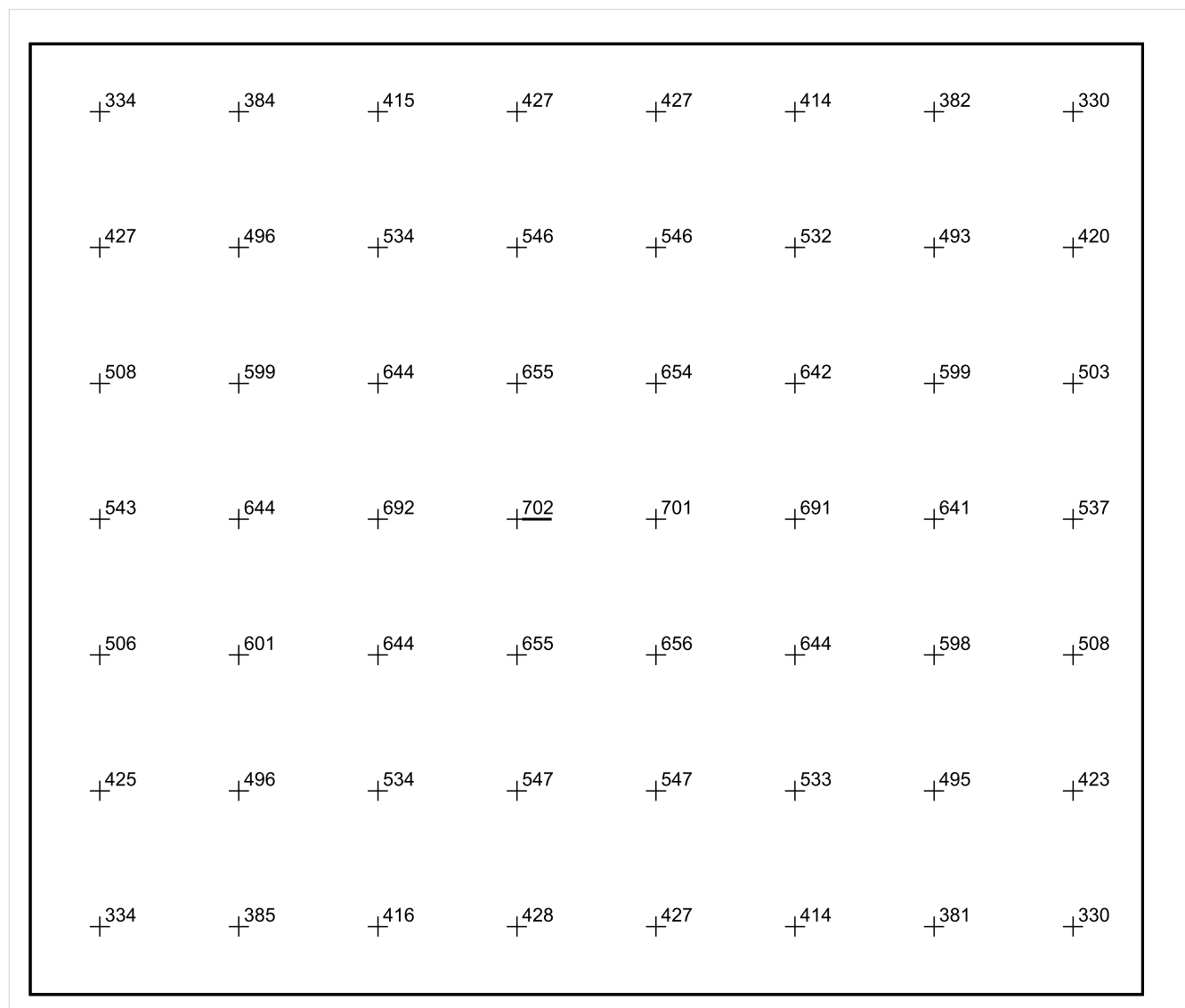
Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 516 lx, Min: 279 lx, Max: 702 lx, Min/average: 0.54, Min/max: 0.40

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



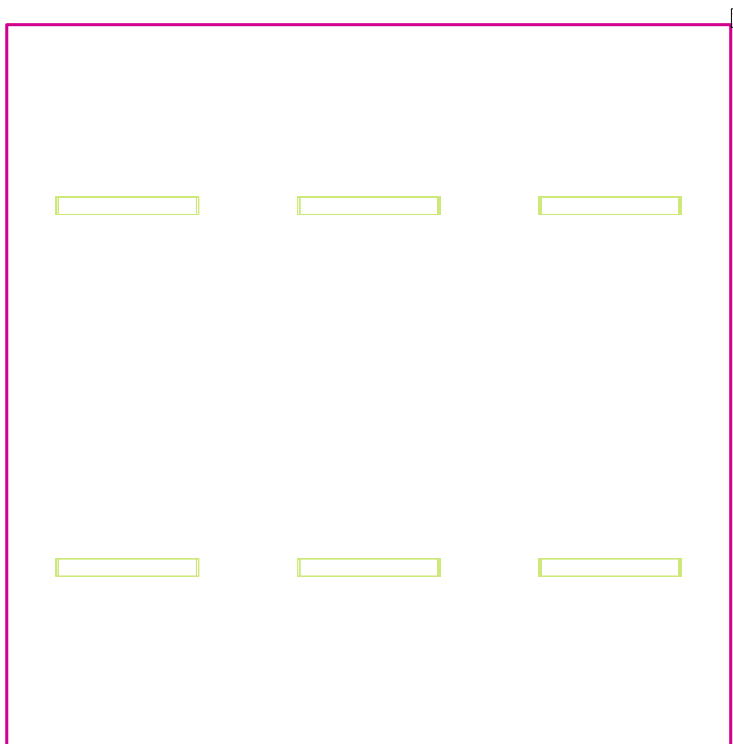
Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 516 lx, Min: 279 lx, Max: 702 lx, Min/average: 0.54, Min/max: 0.40

Height of working plane: 0.800 m, Wall zone: 0.000 m

## blagovaonica



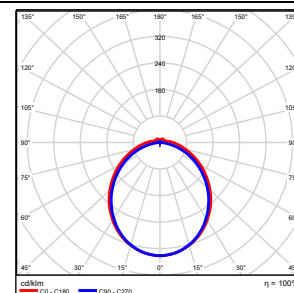
Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	366 (200)	200	459	0.55	0.44

No.	Quantity	
1	6	TREVOS BELTR LED 2.4ft 5200/840 LED, diffuser PC Light output ratio: 100% Lamp luminous flux: 3770 lm Luminaire Luminous Flux: 3770 lm Power: 35.0 W Light yield: 107.7 lm/W Colour temperature: 3000 K Colour rendering index: 100

See our luminaire catalog for an image of the luminaire.



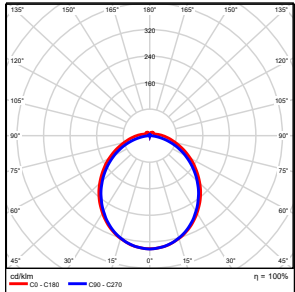
Total lamp luminous flux: 22620 lm, Total luminaire luminous flux: 22620 lm, Total Load: 210.0 W, Light yield: 107.7 lm/W

Lighting power density:  $5.93 \text{ W/m}^2 = 1.62 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $35.40 \text{ m}^2$ )

## blagovaonica

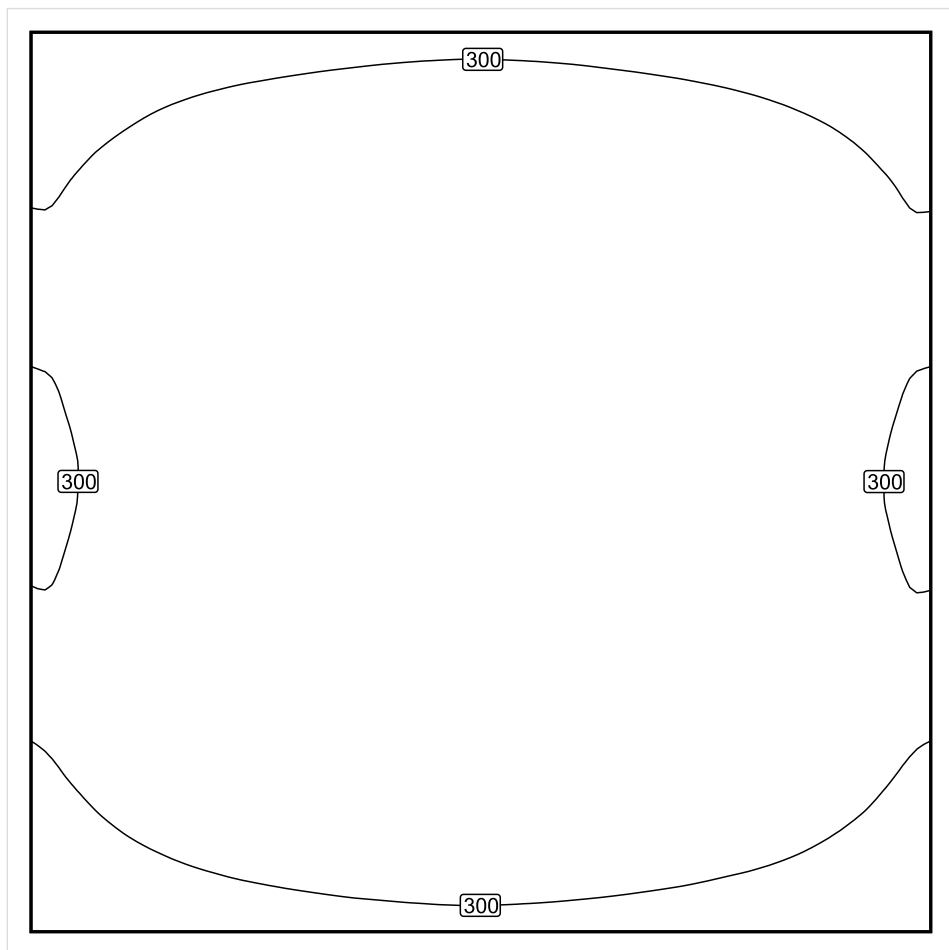
Quantity	Luminaire (Luminous emittance)
6	TREVOS BELTR LED 2.4ft 5200/840 LED, diffuser PC Luminous emittance 1 Fitting: 1xLEDLine Light output ratio: 100% Lamp luminous flux: 3770 lm Luminaire Luminous Flux: 3770 lm Power: 35.0 W Light yield: 107.7 lm/W Colour temperature: 3000 K Colour rendering index: 100

See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 22620 lm, Total luminaire luminous flux: 22620 lm, Total Load: 210.0 W, Light yield: 107.7 lm/W

## radna površina



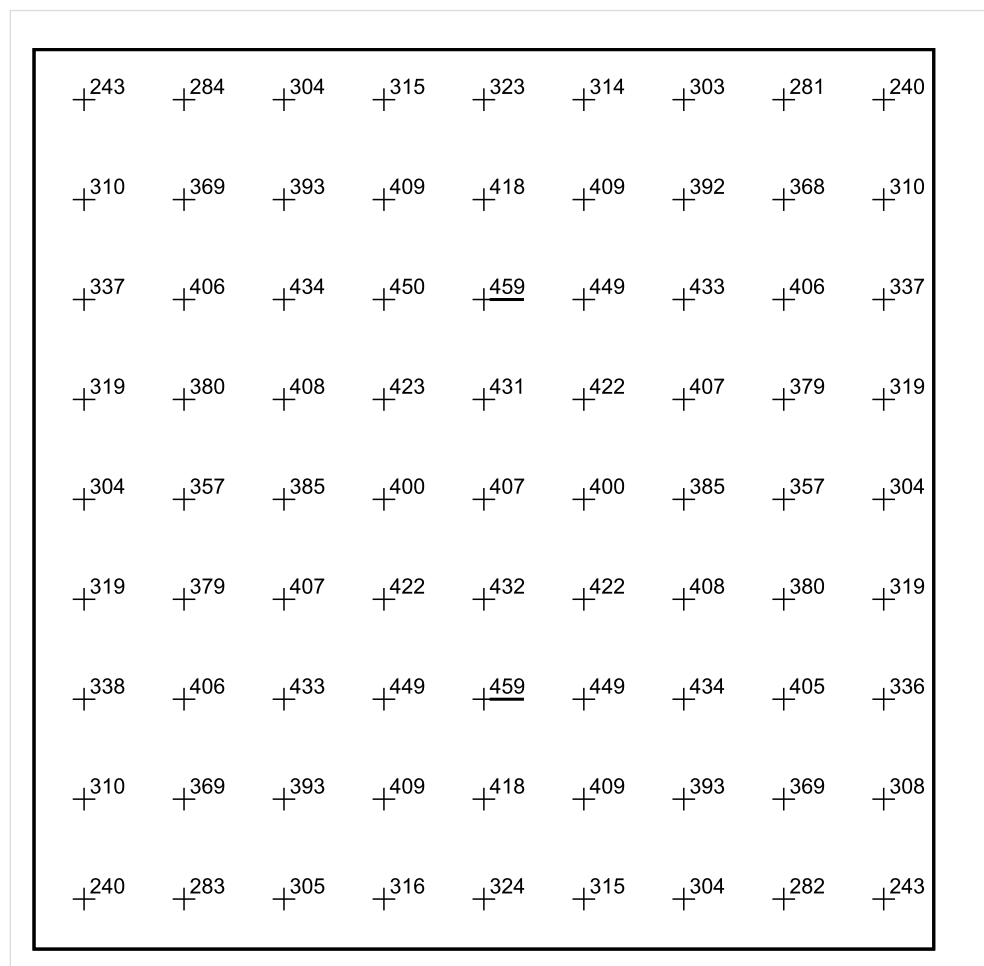
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 366 lx, Min: 200 lx, Max: 459 lx, Min/average: 0.55, Min/max: 0.44

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



Scale: 1 : 50

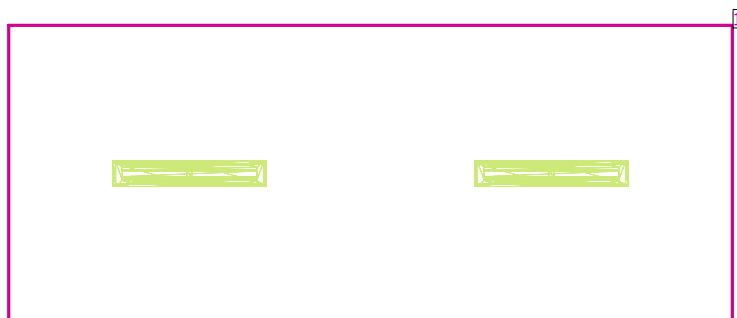
Perpendicular illuminance (Surface)

Mean (actual): 366 lx, Min: 200 lx, Max: 459 lx, Min/average: 0.55, Min/max: 0.44

Height of working plane: 0.800 m, Wall zone: 0.000 m



## učiteljski kabinet



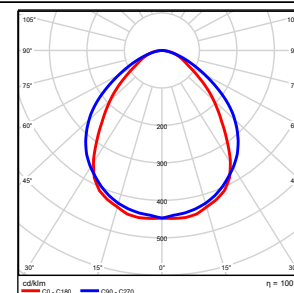
Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	293 (200)	168	367	0.57	0.46

## No. Quantity


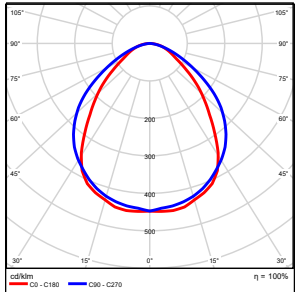
1	2	Philips Lighting SM120V W20L120 1xLED37S/840 PSU Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100
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Total lamp luminous flux: 7400 lm, Total luminaire luminous flux: 7394 lm, Total Load: 81.0 W, Light yield: 91.3 lm/W

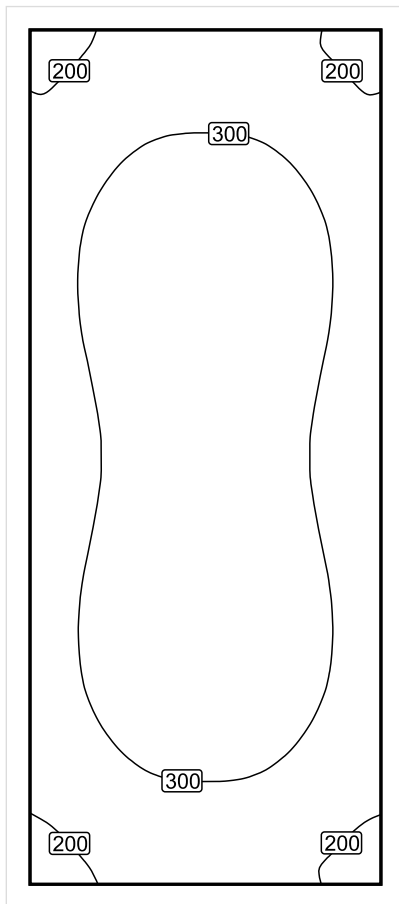
Lighting power density:  $6.18 \text{ W/m}^2 = 2.11 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $13.11 \text{ m}^2$ )

## učiteljski kabinet

Quantity	Luminaire (Luminous emittance)
2	<p>Philips Lighting SM120V W20L120 1xLED37S/840 PSU Luminous emittance 1 Fitting: 1xLED37S/840/- Light output ratio: 99.93% Lamp luminous flux: 3700 lm Luminaire Luminous Flux: 3697 lm Power: 40.5 W Light yield: 91.3 lm/W Colour temperature: 3000 K Colour rendering index: 100</p>  

Total lamp luminous flux: 7400 lm, Total luminaire luminous flux: 7394 lm, Total Load: 81.0 W, Light yield: 91.3 lm/W

## radna površina



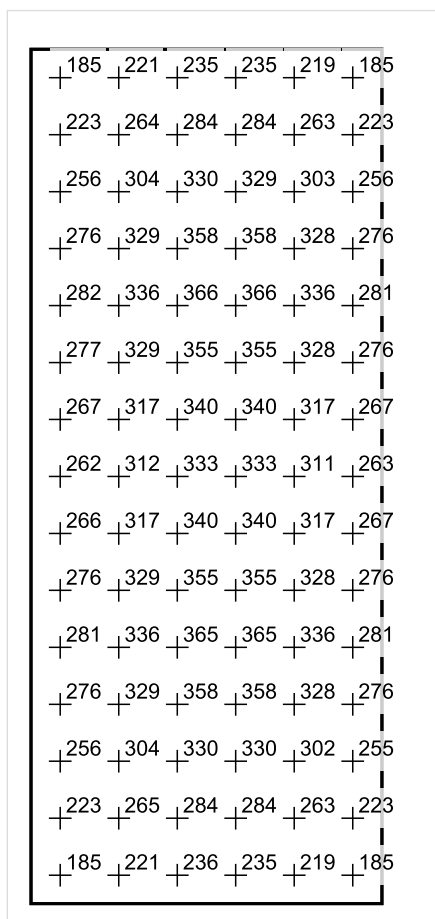
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 293 lx, Min: 168 lx, Max: 367 lx, Min/average: 0.57, Min/max: 0.46

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



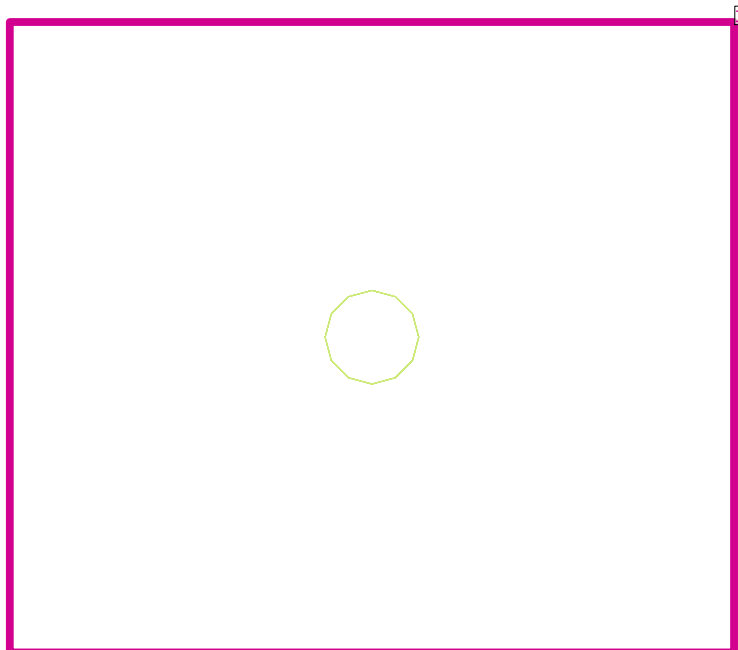
Scale: 1 : 50

Perpendicular illuminance (Surface)

Mean (actual): 293 lx, Min: 168 lx, Max: 367 lx, Min/average: 0.57, Min/max: 0.46

Height of working plane: 0.800 m, Wall zone: 0.000 m

## ostava



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

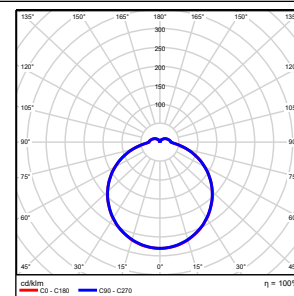
## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	172 (100)	115	216	0.67	0.53

## No. Quantity

1	1	TREVOS LINEA ROUND 3600/840 LED interior circular, surface mounted Light output ratio: 99.92% Lamp luminous flux: 2930 lm Luminaire Luminous Flux: 2928 lm Power: 27.0 W Light yield: 108.4 lm/W Colour temperature: 3000 K Colour rendering index: 100
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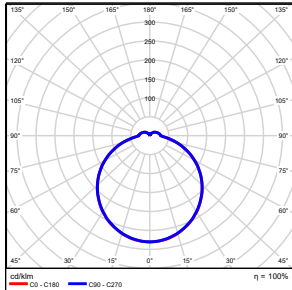
See our luminaire catalog for  
an image of the luminaire.



Total lamp luminous flux: 2930 lm, Total luminaire luminous flux: 2928 lm, Total Load: 27.0 W, Light yield: 108.4 lm/W

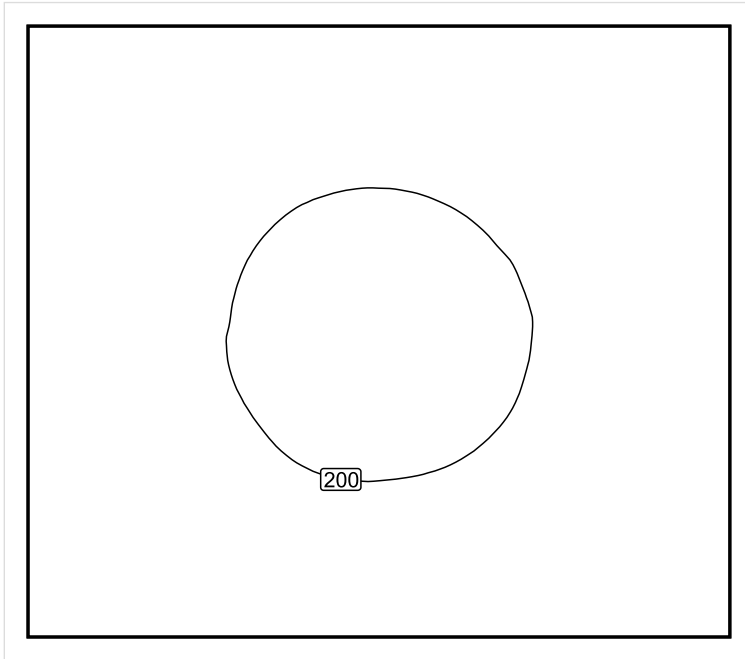
Lighting power density:  $5.76 \text{ W/m}^2 = 3.34 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $4.69 \text{ m}^2$ )

## ostava

Quantity	Luminaire (Luminous emittance)		
1	TREVOS LINEA ROUND 3600/840 LED interior circular, surface mounted Luminous emittance 1 Fitting: 1xLED Light output ratio: 99.92% Lamp luminous flux: 2930 lm Luminaire Luminous Flux: 2928 lm Power: 27.0 W Light yield: 108.4 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 2930 lm, Total luminaire luminous flux: 2928 lm, Total Load: 27.0 W, Light yield: 108.4 lm/W

## radna površina



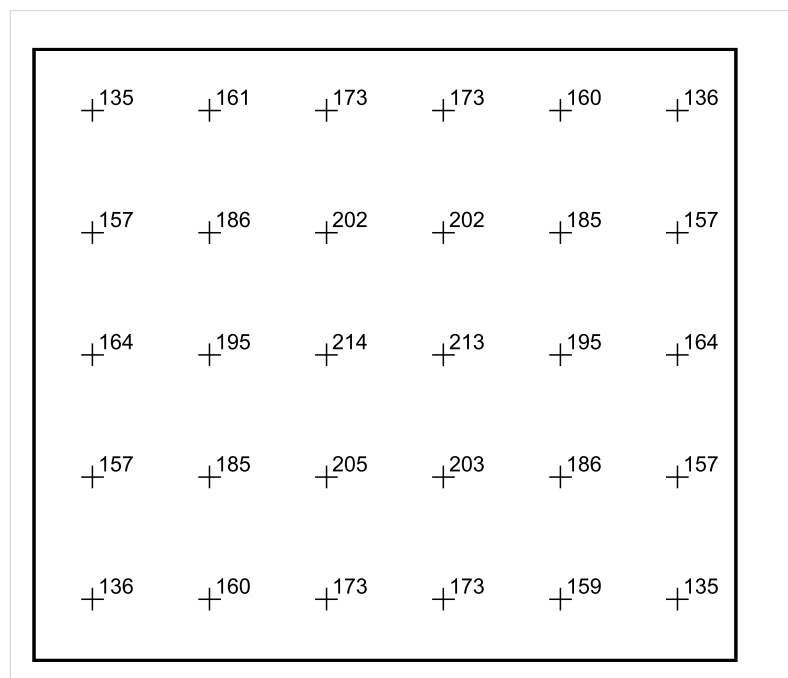
Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 172 lx, Min: 115 lx, Max: 216 lx, Min/average: 0.67, Min/max: 0.53

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



Scale: 1 : 25

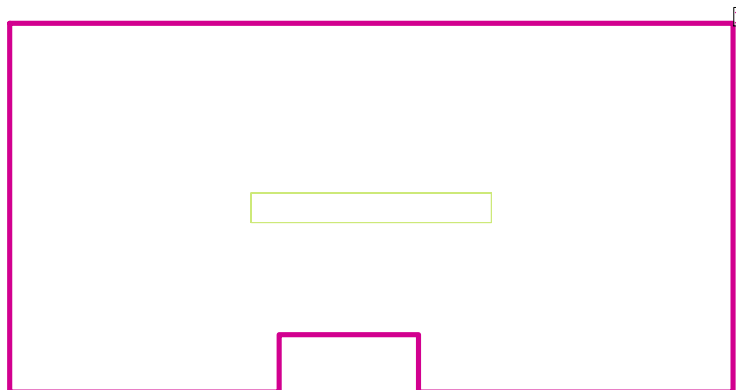
Perpendicular illuminance (Surface)

Mean (actual): 172 lx, Min: 115 lx, Max: 216 lx, Min/average: 0.67, Min/max: 0.53

Height of working plane: 0.800 m, Wall zone: 0.000 m



## kotlovnica



Height of room: 3.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

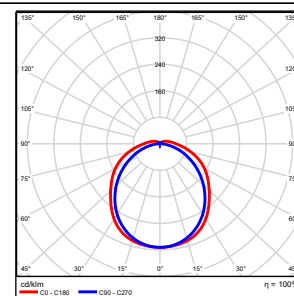
## Workplane

Surface	Result	Mean (target)	Min	Max	Min/average	Min/max
1 radna površina	Perpendicular illuminance [lx] Height of working plane: 0.800 m, Wall zone: 0.000 m	409 (200)	166	580	0.41	0.29

## No. Quantity

1	1	Trevos FUTURA 2.4ft PC AI 8800/840 LED, industrial, body PC with aluminium cooler, diffuser translucent PC Light output ratio: 100.08% Lamp luminous flux: 8000 lm Luminaire Luminous Flux: 8007 lm Power: 58.0 W Light yield: 138.0 lm/W Colour temperature: 3000 K Colour rendering index: 100
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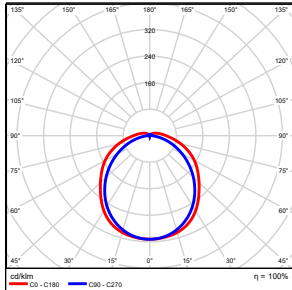
See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 8000 lm, Total luminaire luminous flux: 8007 lm, Total Load: 58.0 W, Light yield: 138.1 lm/W

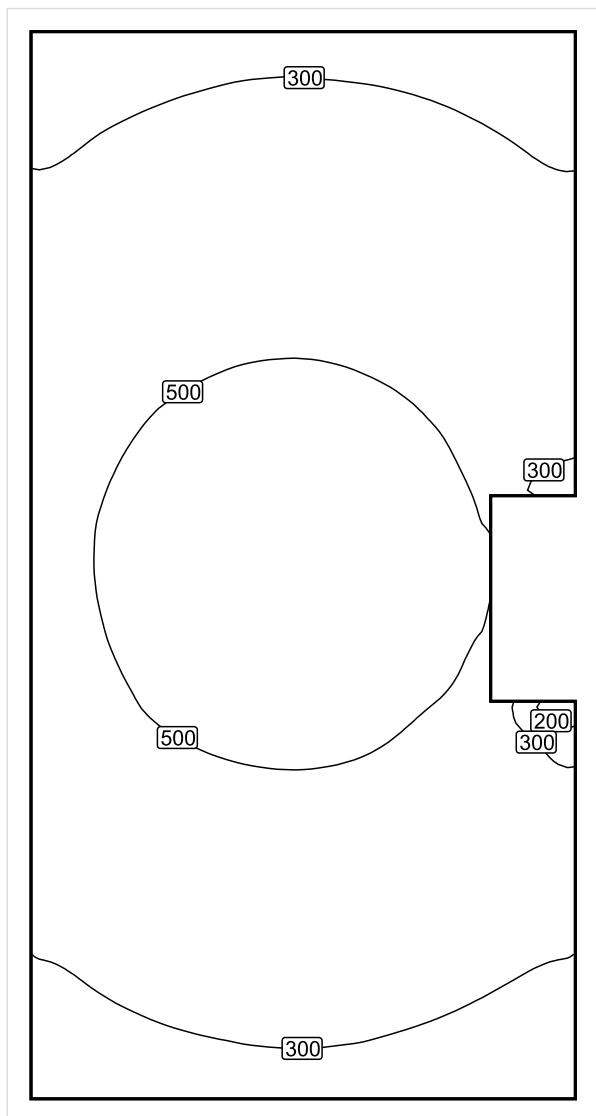
Lighting power density:  $9.41 \text{ W/m}^2 = 2.30 \text{ W/m}^2/100 \text{ lx}$  (Ground area  $6.16 \text{ m}^2$ )

## kotlovnica

Quantity	Luminaire (Luminous emittance)		
1	Trevos FUTURA 2.4ft PC AI 8800/840 LED,industrial,body PC with aluminium cooler,diffuser translucent PC Luminous emittance 1 Fitting: 1xLamp LED Light output ratio: 100.08% Lamp luminous flux: 8000 lm Luminaire Luminous Flux: 8007 lm Power: 58.0 W Light yield: 138.0 lm/W Colour temperature: 3000 K Colour rendering index: 100	See our luminaire catalog for an image of the luminaire.	 A light distribution diagram (photometric curve) showing the beam spread and luminous flux distribution. The diagram is a circular grid with radial lines representing beam angles from 0° to 135° and concentric circles representing luminous flux in cd·klm. Two curves are shown: a red curve for C90-C180 and a blue curve for C90-C270. The legend at the bottom indicates 'cd·klm' and 'η = 100%'. The red curve shows a peak of approximately 240 cd·klm at 90° and 270°, while the blue curve shows a peak of approximately 180 cd·klm at 90° and 270°.

Total lamp luminous flux: 8000 lm, Total luminaire luminous flux: 8007 lm, Total Load: 58.0 W, Light yield: 138.1 lm/W

## radna površina



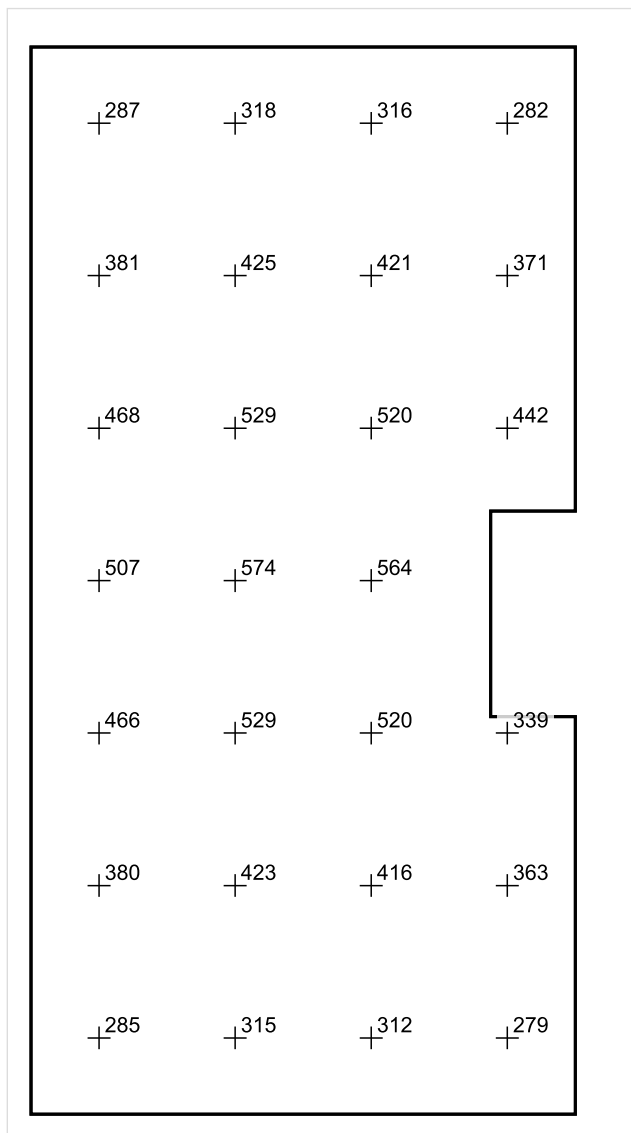
Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 409 lx, Min: 166 lx, Max: 580 lx, Min/average: 0.41, Min/max: 0.29

Height of working plane: 0.800 m, Wall zone: 0.000 m

## radna površina



Scale: 1 : 25

Perpendicular illuminance (Surface)

Mean (actual): 409 lx, Min: 166 lx, Max: 580 lx, Min/average: 0.41, Min/max: 0.29

Height of working plane: 0.800 m, Wall zone: 0.000 m