

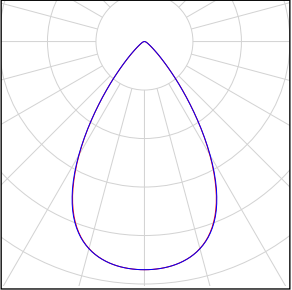
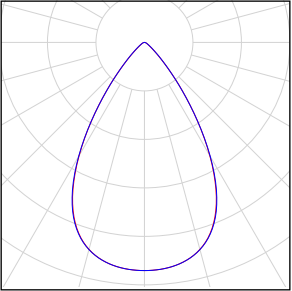
DM1

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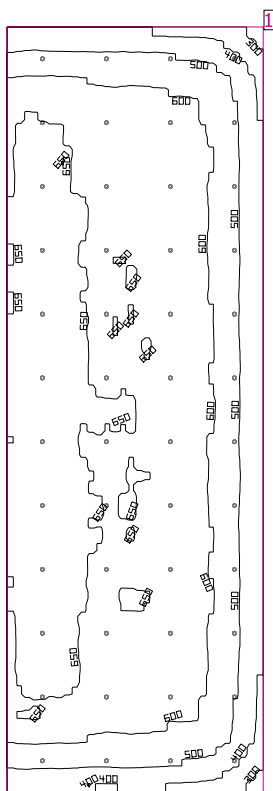
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## DM1

Quantity	Luminaire (Luminous emittance)		
192	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x5000K Ra70: CCT 3000 K, CRI 100	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 3815424 lm, Total luminaire luminous flux: 3815208 lm, Total Load: 26006.4 W, Luminous efficacy: 146.7 lm/W

1



Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1	Montáž jemná Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	594 (≥ 300)	262	673	0.44	0.39

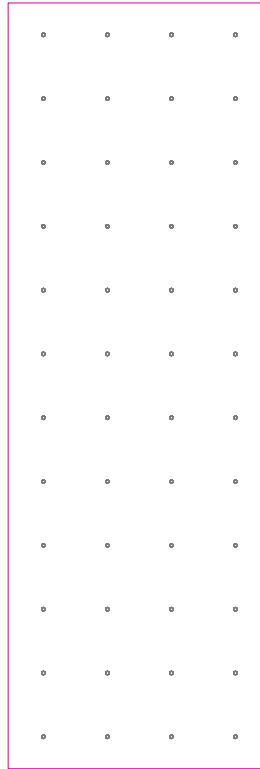
#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
48	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80	17663	120.4	146.7
Total via all luminaires		847824	5779.2	146.7

Lighting power density:  $4.83 \text{ W/m}^2 = 0.81 \text{ W/m}^2/100 \text{ lx}$  (Floor area of room  $1196.00 \text{ m}^2$ )

Consumption: 13000 kWh/a of maximum 41900 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## Montáž jemná / Perpendicular illuminance (adaptive)



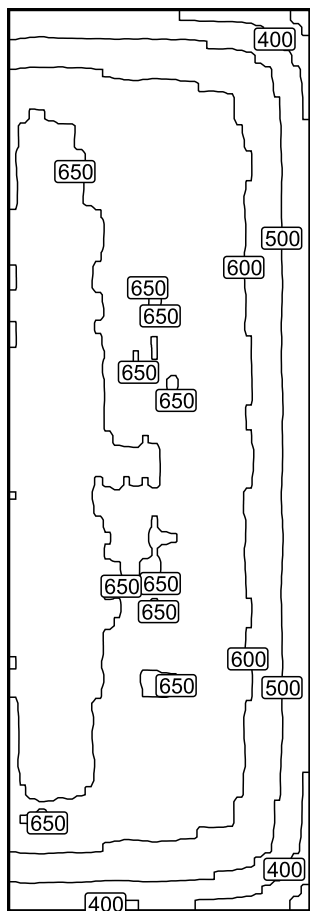
Montáž jemná: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 594 lx (Target:  $\geq 300$  lx), Min: 262 lx, Max: 673 lx, Min/average: 0.44, Min/max: 0.39

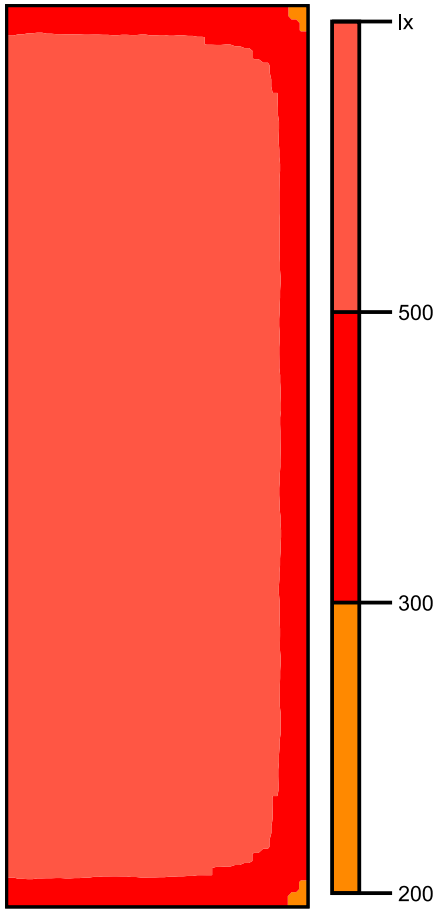
Height: 0.800 m, Wall zone: 0.000 m

## Isolines [lx]



Scale: 1 : 500

## False colours [lx]



Scale: 1 : 500

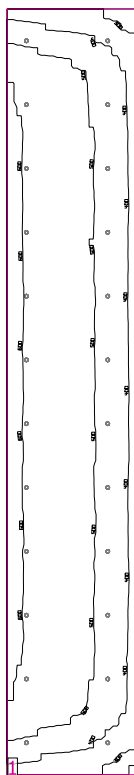
## Value grid [lx]

47	46	46	46	45	44	42	330
57	58	56	56	55	54	51	410
64	64	62	62	61	61	56	453
65	65	63	63	62	62	57	462
66	65	64	63	63	62	59	465
66	65	64	63	63	62	58	463
67	66	65	64	63	62	58	466
65	66	64	64	63	63	58	469
66	66	65	64	64	63	58	461
66	66	65	64	64	63	58	461
66	66	65	64	64	63	59	471
66	66	65	64	64	62	58	466
67	66	65	65	64	63	60	471
66	66	64	64	63	63	58	461
66	66	65	64	64	63	58	470
66	66	65	65	64	62	58	465
66	66	65	64	64	63	59	460
66	66	65	64	63	63	58	465
66	66	65	65	64	62	59	464
65	65	64	63	64	62	58	467
65	65	64	64	63	63	58	459
65	65	64	63	63	62	57	456
65	64	63	62	61	60	57	446
57	57	56	56	55	54	51	405
47	47	45	46	45	44	41	328

Scale: 1 : 500



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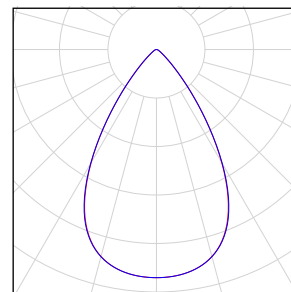
Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Jemné strojné opracovanie	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	505 (≥ 500)	249	625	0.49	0.40

Quantity	Luminaire (Luminous emittance)
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100

See our luminaire catalog for an image of the luminaire.



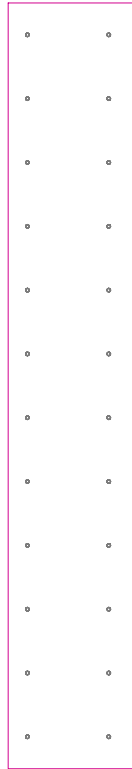
Total lamp luminous flux: 423936 lm, Total luminaire luminous flux: 423912 lm, Total Load: 2889.6 W, Luminous efficacy: 146.7 lm/W

Lighting power density: 4.83 W/m<sup>2</sup> = 0.96 W/m<sup>2</sup>/100 lx (Floor area of room 598.00 m<sup>2</sup>)

Consumption: 7950 kWh/a of maximum 20950 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## Jemné strojné opracovanie / Perpendicular illuminance (adaptive)



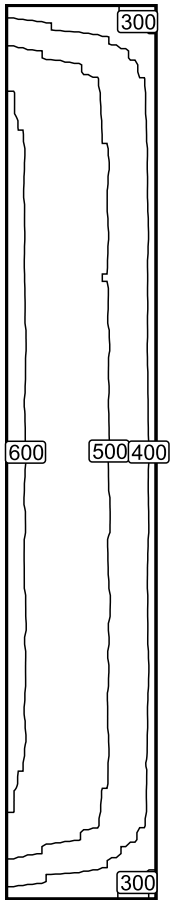
Jemné strojné opracovanie: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 505 lx (Target:  $\geq 500$  lx), Min: 249 lx, Max: 625 lx, Min/average: 0.49, Min/max: 0.40

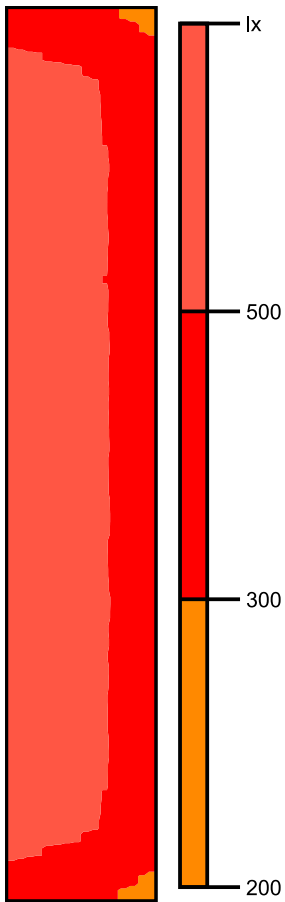
Height: 0.800 m, Wall zone: 0.000 m

## Isolines [lx]



Scale: 1 : 500

## False colours [lx]



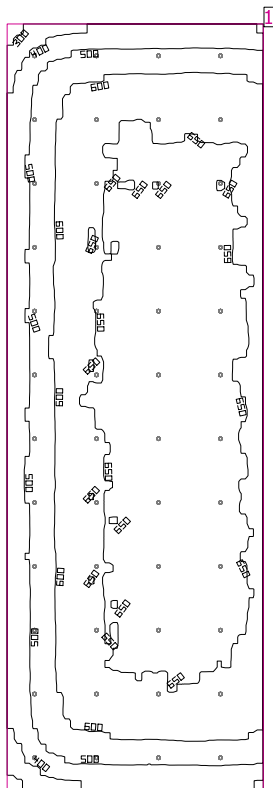
Scale: 1 : 500

## Value grid [lx]

424	393	365	307
520	490	451	383
580	542	501	418
591	551	508	425
596	557	516	435
596	551	511	431
598	559	513	441
597	552	508	432
599	560	514	434
603	553	516	429
601	559	515	433
598	558	517	436
601	559	520	438
596	551	513	434
601	558	516	438
596	555	515	429
601	564	522	436
603	555	513	436
601	563	516	441
597	553	511	432
602	555	514	431
591	550	512	426
580	538	502	429
520	485	451	376
427	394	365	303

Scale: 1 : 500

12



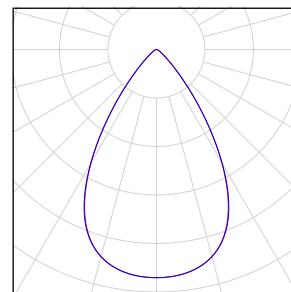
Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Jemné strojné opracovanie	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	601 (≥ 500)	266	675	0.44	0.39

Quantity	Luminaire (Luminous emittance)
48	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100

See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 847872 lm, Total luminaire luminous flux: 847824 lm, Total Load: 5779.2 W, Luminous efficacy: 146.7 lm/W

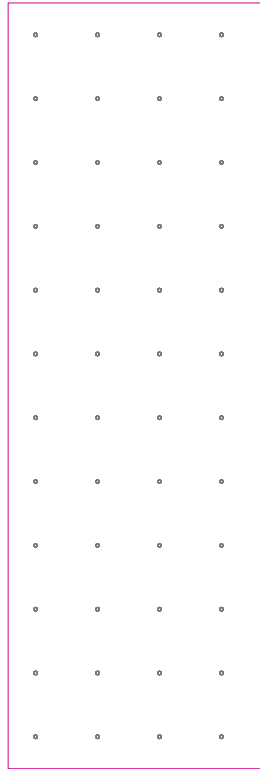
Lighting power density: 4.83 W/m<sup>2</sup> = 0.80 W/m<sup>2</sup>/100 lx (Floor area of room 1196.00 m<sup>2</sup>)

Consumption: 15900 kWh/a of maximum 41900 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.



## Jemné strojné opracovanie / Perpendicular illuminance (adaptive)



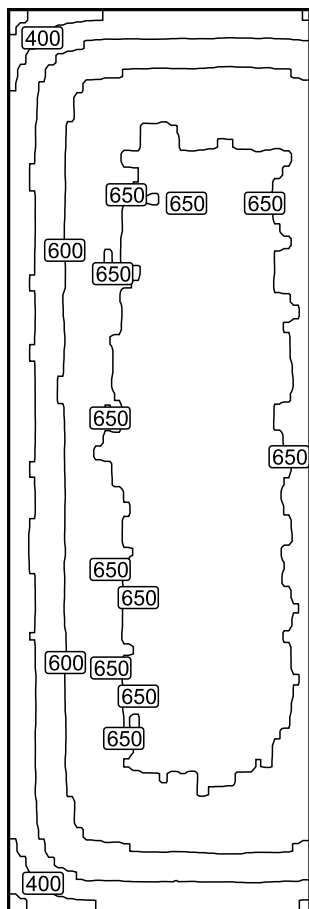
Jemné strojné opracovanie: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 601 lx (Target:  $\geq 500$  lx), Min: 266 lx, Max: 675 lx, Min/average: 0.44, Min/max: 0.39

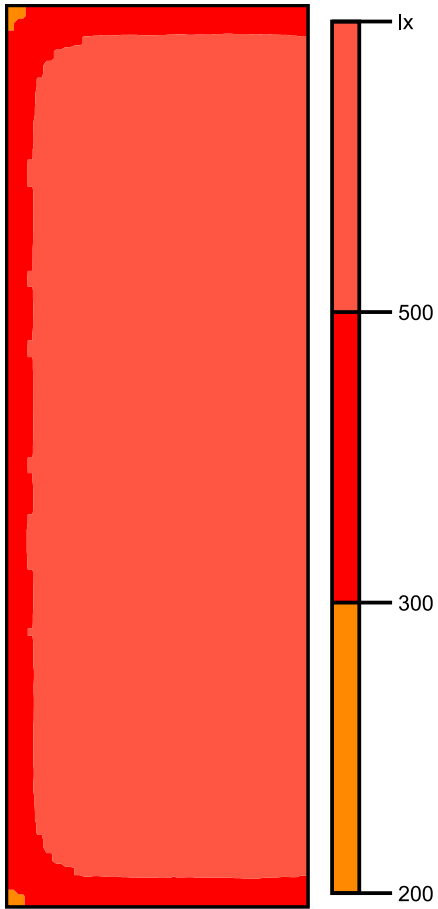
Height: 0.800 m, Wall zone: 0.000 m

## Isolines [lx]



Scale: 1 : 500

## False colours [lx]



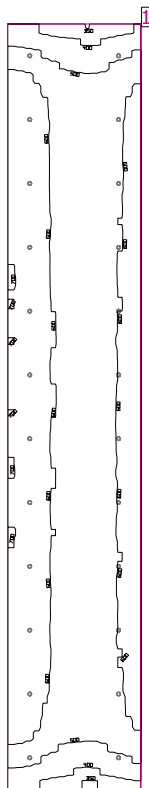
Scale: 1 : 500

## Value grid [lx]

33	42	45	46	46	46	46	459
41	52	56	56	57	57	57	565
46	58	62	64	63	64	64	632
47	59	64	65	65	64	64	641
48	60	64	65	65	65	65	645
47	60	64	65	65	66	65	640
47	60	64	65	66	66	66	650
48	59	64	65	65	65	65	643
47	60	64	66	65	66	65	654
48	60	64	65	66	65	65	648
47	61	64	66	66	67	65	653
47	60	64	66	65	65	65	643
48	60	65	66	65	67	66	649
47	59	64	65	65	66	66	641
48	60	64	65	65	66	65	651
48	60	64	65	65	66	65	647
47	60	64	66	65	66	65	653
47	59	64	65	66	65	65	646
47	60	64	65	65	66	65	654
47	59	63	65	65	65	65	649
47	59	64	65	65	65	65	643
47	59	63	64	64	65	64	636
46	58	62	63	63	64	63	629
41	53	56	56	57	57	57	569
34	42	45	46	46	46	47	456

Scale: 1 : 500

2



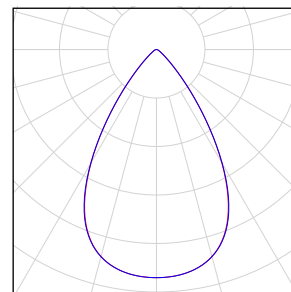
Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Montáž jenná	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	585 (≥ 500)	347	705	0.59	0.49

Quantity	Luminaire (Luminous emittance)
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x5000K Ra70: CCT 3000 K, CRI 100

See our luminaire catalog for an image of the luminaire.



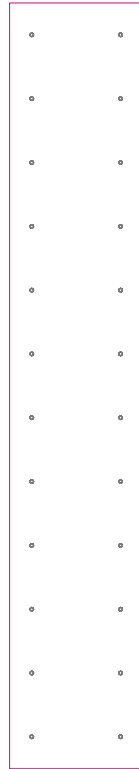
Total lamp luminous flux: 423936 lm, Total luminaire luminous flux: 423912 lm, Total Load: 2889.6 W, Luminous efficacy: 146.7 lm/W

Lighting power density: 4.65 W/m<sup>2</sup> = 0.79 W/m<sup>2</sup>/100 lx (Floor area of room 621.92 m<sup>2</sup>)

Consumption: 7950 kWh/a of maximum 21800 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## Montáž jemná / Perpendicular illuminance (adaptive)



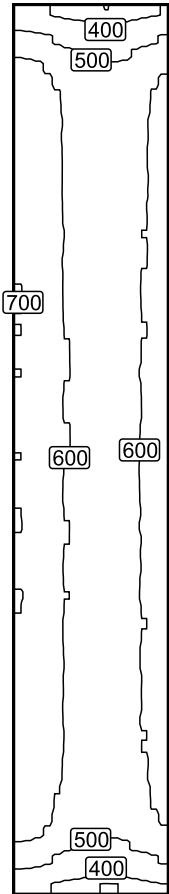
Montáž jemná: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 585 lx (Target:  $\geq 500$  lx), Min: 347 lx, Max: 705 lx, Min/average: 0.59, Min/max: 0.49

Height: 0.800 m, Wall zone: 0.000 m

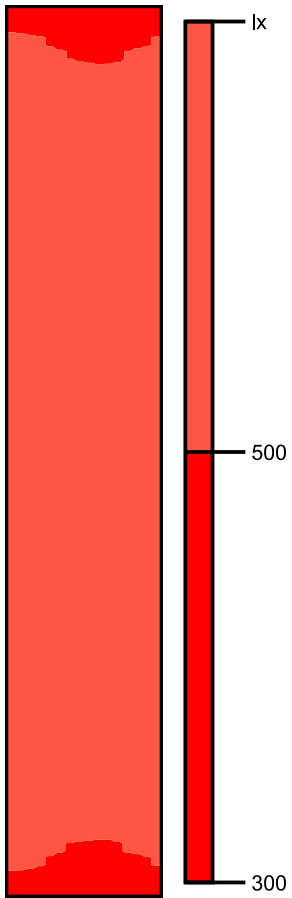
## Isolines [lx]



Scale: 1 : 500



## False colours [lx]



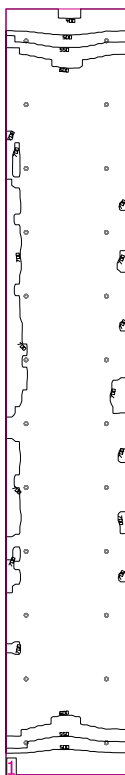
Scale: 1 : 500

## Value grid [lx]

47	41	39	438
58	51	48	532
65	57	53	591
66	58	54	605
66	57	55	607
67	58	55	607
68	59	56	613
67	58	55	610
68	58	56	614
68	59	55	613
68	59	55	617
66	58	55	613
67	59	56	620
67	58	55	616
68	59	56	615
67	58	55	613
68	59	56	620
67	58	54	612
67	59	56	617
67	58	55	612
67	58	54	608
67	58	54	605
65	56	53	592
59	50	48	531
48	42	39	432

Scale: 1 : 500

3



Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

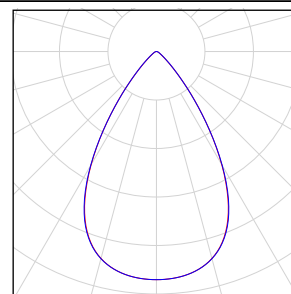
### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Jemné strojné opracovanie	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	645 (≥ 500)	396	714	0.61	0.55

### Quantity Luminaire (Luminous emittance)

24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100
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See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 423936 lm, Total luminaire luminous flux: 423912 lm, Total Load: 2889.6 W, Luminous efficacy: 146.7 lm/W

Lighting power density: 5.14 W/m<sup>2</sup> = 0.80 W/m<sup>2</sup>/100 lx (Floor area of room 562.12 m<sup>2</sup>)

Consumption: 7950 kWh/a of maximum 19700 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## Jemné strojné opracovanie / Perpendicular illuminance (adaptive)



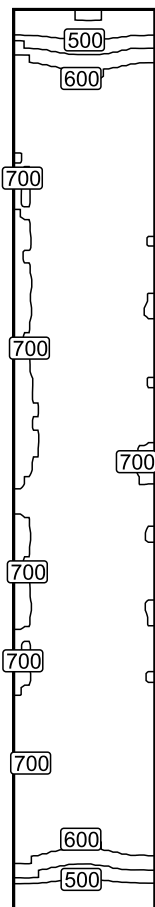
Jemné strojné opracovanie: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 645 lx (Target:  $\geq 500$  lx), Min: 396 lx, Max: 714 lx, Min/average: 0.61, Min/max: 0.55

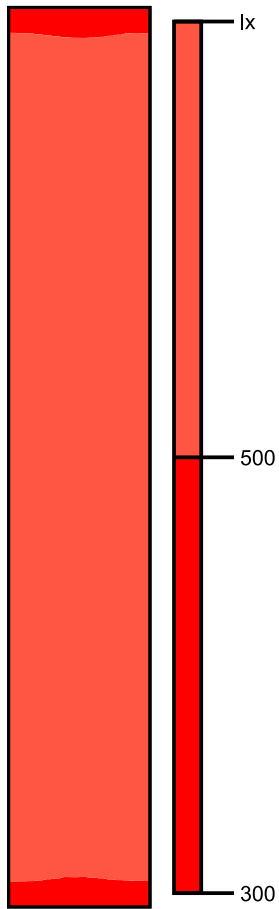
Height: 0.800 m, Wall zone: 0.000 m

## Isolines [lx]



Scale: 1 : 500

## False colours [lx]



Scale: 1 : 500

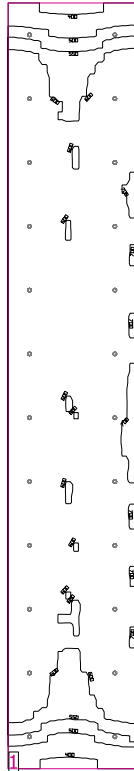
## Value grid [lx]

+	487	460	457	487
+	605	566	563	500
+	675	530	528	566
+	685	542	540	577
+	694	544	544	584
+	696	546	546	586
+	699	552	549	593
+	701	550	545	591
+	701	555	552	595
+	696	551	548	593
+	702	553	558	594
+	703	548	547	586
+	705	551	552	701
+	692	546	547	592
+	698	553	553	595
+	695	554	548	589
+	700	551	553	595
+	693	550	553	592
+	698	554	552	592
+	690	547	548	586
+	694	546	545	590
+	690	548	538	579
+	674	529	526	573
+	607	567	570	501
+	492	463	466	487

Scale: 1 : 500



4



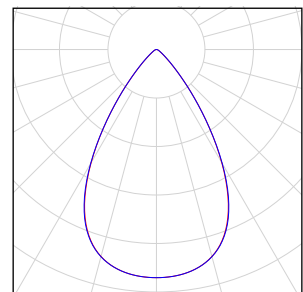
Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

### Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Jemné strojné opracovanie	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	623 (≥ 500)	377	710	0.61	0.53

Quantity	Luminaire (Luminous emittance)
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100

See our luminaire catalog for an image of the luminaire.



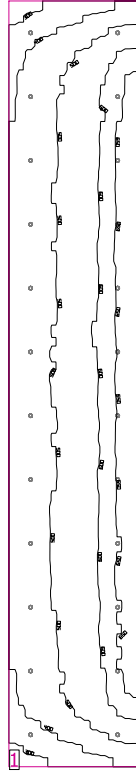
Total lamp luminous flux: 423936 lm, Total luminaire luminous flux: 423912 lm, Total Load: 2889.6 W, Luminous efficacy: 146.7 lm/W

Lighting power density: 4.83 W/m<sup>2</sup> = 0.78 W/m<sup>2</sup>/100 lx (Floor area of room 598.00 m<sup>2</sup>)

Consumption: 7950 kWh/a of maximum 20950 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## 5



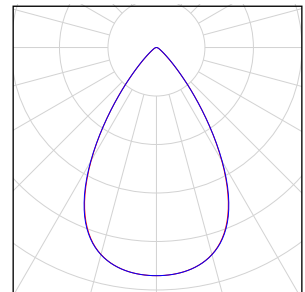
Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

## Workplane

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Jemné strojné opracovanie	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	526 (≥ 500)	256	688	0.49	0.37

Quantity	Luminaire (Luminous emittance)
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80 Luminous emittance 1 Fitting: 1x5000K Ra70 Light output ratio: 100.00% Lamp luminous flux: 17664 lm Luminaire luminous flux: 17663 lm Power: 120.4 W Luminous efficacy: 146.7 lm/W  Colourimetric data 1x: CCT 3000 K, CRI 100

See our luminaire catalog for an image of the luminaire.



Total lamp luminous flux: 423936 lm, Total luminaire luminous flux: 423912 lm, Total Load: 2889.6 W, Luminous efficacy: 146.7 lm/W

Lighting power density: 4.74 W/m<sup>2</sup> = 0.90 W/m<sup>2</sup>/100 lx (Floor area of room 609.96 m<sup>2</sup>)

Consumption: 7950 kWh/a of maximum 21350 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.  
The results are informative. The energy consumption of a building results from the sum of all consumptions in the rooms.

## Jemné strojné opracovanie / Perpendicular illuminance (adaptive)



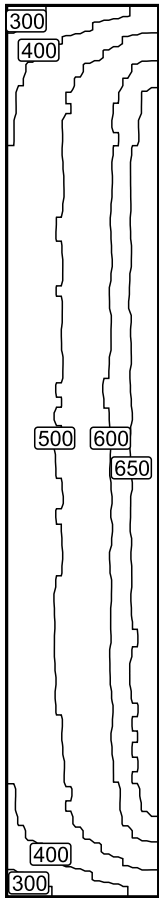
Jemné strojné opracovanie: Perpendicular illuminance (adaptive) (Surface)

Light scene: Light scene 1

Average: 526 lx (Target:  $\geq 500$  lx), Min: 256 lx, Max: 688 lx, Min/average: 0.49, Min/max: 0.37

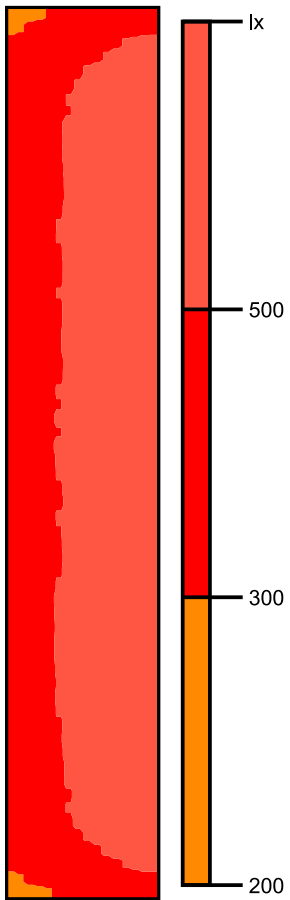
Height: 0.800 m, Wall zone: 0.000 m

## Isolines [lx]



Scale: 1 : 500

## False colours [lx]



Scale: 1 : 500

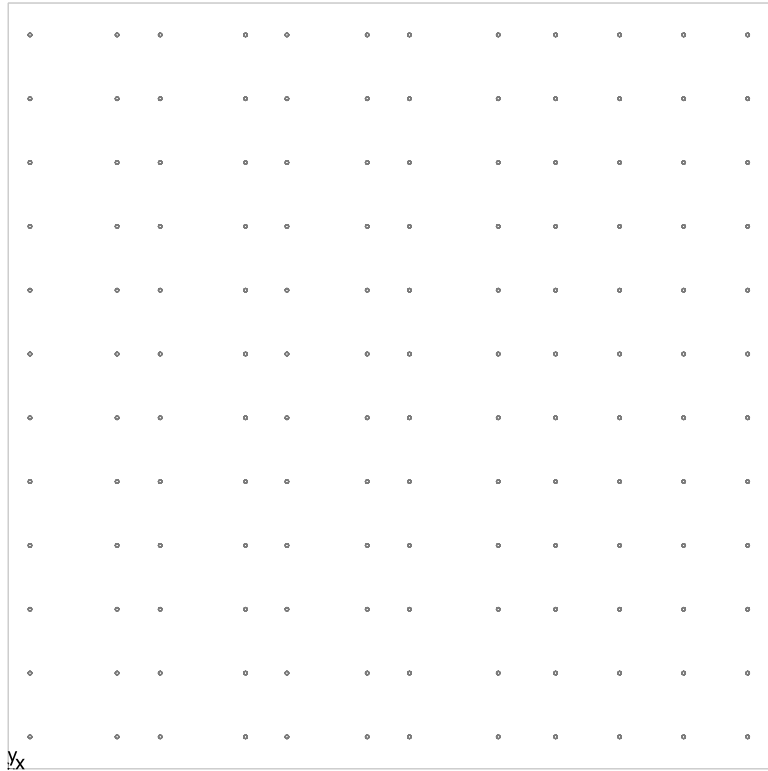
## Value grid [lx]

307	361	413	466
+ 376	+ 441	+ 501	+ 577
+ 422	+ 490	+ 563	+ 643
+ 433	+ 504	+ 571	+ 654
+ 431	+ 502	+ 573	+ 669
+ 436	+ 502	+ 577	+ 663
+ 439	+ 510	+ 582	+ 669
+ 434	+ 503	+ 580	+ 668
+ 445	+ 506	+ 586	+ 671
+ 434	+ 506	+ 579	+ 666
+ 434	+ 505	+ 592	+ 667
+ 441	+ 513	+ 588	+ 658
+ 448	+ 514	+ 586	+ 670
+ 435	+ 506	+ 577	+ 659
+ 438	+ 509	+ 575	+ 673
+ 442	+ 504	+ 584	+ 663
+ 439	+ 523	+ 577	+ 665
+ 440	+ 514	+ 580	+ 658
+ 440	+ 515	+ 583	+ 667
+ 431	+ 514	+ 574	+ 663
+ 441	+ 506	+ 581	+ 658
+ 431	+ 498	+ 569	+ 659
+ 424	+ 492	+ 558	+ 645
+ 377	+ 444	+ 507	+ 577
+ 309	+ 356	+ 416	+ 470

Scale: 1 : 500



## Pole 1 - 5



Clearance height: 10.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

#	Luminaire	$\Phi$ (Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
120	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80	17663	120.4	146.7
24	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80	17663	120.4	146.7
Total via all luminaires		2543472	17337.6	146.7

Lighting power density: 4.83 W/m<sup>2</sup> (Floor area of room 3588.00 m<sup>2</sup>)

Consumption: 44800 kWh/a of maximum 125600 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.

## Pole 1 - 5

.121	.133 .97	.109 .73	.85 .72	.60 .17	.29 .41	.12
.122	.134 .98	.110 .74	.86 .71	.59 .18	.30 .42	.11
.123	.135 .99	.111 .75	.87 .70	.58 .19	.31 .43	.10
.124	.136 .100	.112 .76	.88 .69	.57 .20	.32 .44	.9
.125	.137 .101	.113 .77	.89 .68	.56 .21	.33 .45	.8
.126	.138 .102	.114 .78	.90 .67	.55 .22	.34 .46	.7
.127	.139 .103	.115 .79	.91 .66	.54 .23	.35 .47	.6
.128	.140 .104	.116 .80	.92 .65	.53 .24	.36 .48	.5
.129	.141 .105	.117 .81	.93 .64	.52 .25	.37 .43	.4
.130	.142 .106	.118 .82	.94 .63	.51 .26	.38 .44	.3
.131	.143 .107	.119 .83	.95 .62	.50 .27	.39 .45	.2
.132	.144 .108	.120 .84	.96 .61	.49 .28	.40 .46	.1

y  
x

## DIALux UX HBay V2E 120W, 5000K, 60° Ra80

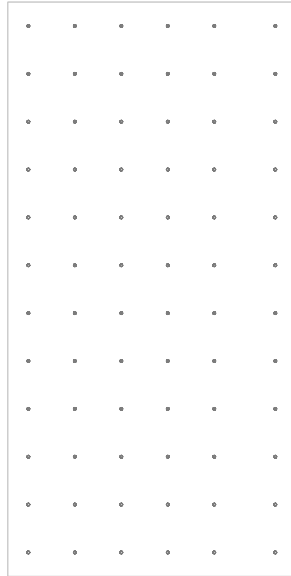
No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
1	57.750	2.492	10.000	0.80
2	57.750	7.475	10.000	0.80
3	57.750	12.458	10.000	0.80
4	57.750	17.442	10.000	0.80
5	57.750	22.425	10.000	0.80
6	57.750	27.408	10.000	0.80
7	57.750	32.392	10.000	0.80
8	57.750	37.375	10.000	0.80
9	57.750	42.358	10.000	0.80
10	57.750	47.342	10.000	0.80
11	57.750	52.325	10.000	0.80
12	57.750	57.308	10.000	0.80
13	52.750	17.442	10.000	0.80
14	52.750	12.458	10.000	0.80
15	52.750	7.475	10.000	0.80
16	52.750	2.492	10.000	0.80
17	42.750	57.308	10.000	0.80
18	42.750	52.325	10.000	0.80
19	42.750	47.342	10.000	0.80
20	42.750	42.358	10.000	0.80
21	42.750	37.375	10.000	0.80
22	42.750	32.392	10.000	0.80

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
23	42.750	27.408	10.000	0.80
24	42.750	22.425	10.000	0.80
25	42.750	17.442	10.000	0.80
26	42.750	12.458	10.000	0.80
27	42.750	7.475	10.000	0.80
28	42.750	2.492	10.000	0.80
29	47.750	57.308	10.000	0.80
30	47.750	52.325	10.000	0.80
31	47.750	47.342	10.000	0.80
32	47.750	42.358	10.000	0.80
33	47.750	37.375	10.000	0.80
34	47.750	32.392	10.000	0.80
35	47.750	27.408	10.000	0.80
36	47.750	22.425	10.000	0.80
37	47.750	17.442	10.000	0.80
38	47.750	12.458	10.000	0.80
39	47.750	7.475	10.000	0.80
40	47.750	2.492	10.000	0.80
41	52.750	57.308	10.000	0.80
42	52.750	52.325	10.000	0.80
43	52.750	47.342	10.000	0.80
44	52.750	42.358	10.000	0.80
45	52.750	37.375	10.000	0.80
46	52.750	32.392	10.000	0.80
47	52.750	27.408	10.000	0.80
48	52.750	22.425	10.000	0.80
49	38.267	2.492	10.000	0.80
50	38.267	7.475	10.000	0.80
51	38.267	12.458	10.000	0.80
52	38.267	17.442	10.000	0.80
53	38.267	22.425	10.000	0.80
54	38.267	27.408	10.000	0.80
55	38.267	32.392	10.000	0.80
56	38.267	37.375	10.000	0.80
57	38.267	42.358	10.000	0.80
58	38.267	47.342	10.000	0.80
59	38.267	52.325	10.000	0.80
60	38.267	57.308	10.000	0.80
61	31.333	2.492	10.000	0.80
62	31.333	7.475	10.000	0.80
63	31.333	12.458	10.000	0.80
64	31.333	17.442	10.000	0.80
65	31.333	22.425	10.000	0.80
66	31.333	27.408	10.000	0.80
67	31.333	32.392	10.000	0.80
68	31.333	37.375	10.000	0.80
69	31.333	42.358	10.000	0.80
70	31.333	47.342	10.000	0.80
71	31.333	52.325	10.000	0.80
72	31.333	57.308	10.000	0.80
73	21.767	57.308	10.000	0.80

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
74	21.767	52.325	10.000	0.80
75	21.767	47.342	10.000	0.80
76	21.767	42.358	10.000	0.80
77	21.767	37.375	10.000	0.80
78	21.767	32.392	10.000	0.80
79	21.767	27.408	10.000	0.80
80	21.767	22.425	10.000	0.80
81	21.767	17.442	10.000	0.80
82	21.767	12.458	10.000	0.80
83	21.767	7.475	10.000	0.80
84	21.767	2.492	10.000	0.80
85	28.033	57.308	10.000	0.80
86	28.033	52.325	10.000	0.80
87	28.033	47.342	10.000	0.80
88	28.033	42.358	10.000	0.80
89	28.033	37.375	10.000	0.80
90	28.033	32.392	10.000	0.80
91	28.033	27.408	10.000	0.80
92	28.033	22.425	10.000	0.80
93	28.033	17.442	10.000	0.80
94	28.033	12.458	10.000	0.80
95	28.033	7.475	10.000	0.80
96	28.033	2.492	10.000	0.80
97	11.867	57.308	10.000	0.80
98	11.867	52.325	10.000	0.80
99	11.867	47.342	10.000	0.80
100	11.867	42.358	10.000	0.80
101	11.867	37.375	10.000	0.80
102	11.867	32.392	10.000	0.80
103	11.867	27.408	10.000	0.80
104	11.867	22.425	10.000	0.80
105	11.867	17.442	10.000	0.80
106	11.867	12.458	10.000	0.80
107	11.867	7.475	10.000	0.80
108	11.867	2.492	10.000	0.80
109	18.533	57.308	10.000	0.80
110	18.533	52.325	10.000	0.80
111	18.533	47.342	10.000	0.80
112	18.533	42.358	10.000	0.80
113	18.533	37.375	10.000	0.80
114	18.533	32.392	10.000	0.80
115	18.533	27.408	10.000	0.80
116	18.533	22.425	10.000	0.80
117	18.533	17.442	10.000	0.80
118	18.533	12.458	10.000	0.80
119	18.533	7.475	10.000	0.80
120	18.533	2.492	10.000	0.80
121	1.700	57.308	10.000	0.80
122	1.700	52.325	10.000	0.80
123	1.700	47.342	10.000	0.80
124	1.700	42.358	10.000	0.80

No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
125	1.700	37.375	10.000	0.80
126	1.700	32.392	10.000	0.80
127	1.700	27.408	10.000	0.80
128	1.700	22.425	10.000	0.80
129	1.700	17.442	10.000	0.80
130	1.700	12.458	10.000	0.80
131	1.700	7.475	10.000	0.80
132	1.700	2.492	10.000	0.80
133	8.500	57.308	10.000	0.80
134	8.500	52.325	10.000	0.80
135	8.500	47.342	10.000	0.80
136	8.500	42.358	10.000	0.80
137	8.500	37.375	10.000	0.80
138	8.500	32.392	10.000	0.80
139	8.500	27.408	10.000	0.80
140	8.500	22.425	10.000	0.80
141	8.500	17.442	10.000	0.80
142	8.500	12.458	10.000	0.80
143	8.500	7.475	10.000	0.80
144	8.500	2.492	10.000	0.80

## Pole 11 - 12



⌘

Clearance height: 10.000 m, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Maintenance factor: 0.80

#	Luminaire	$\Phi$ (Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
72	DIALux - UX HBay V2E 120W, 5000K, 60° Ra80	17663	120.4	146.7
Total via all luminaires		1271736	8668.8	146.7

Lighting power density: 4.83 W/m<sup>2</sup> (Floor area of room 1794.00 m<sup>2</sup>)

Consumption: 23850 kWh/a of maximum 62800 kWh/a

The energy consumption quantities do not take into account light scenes and their dimming levels.