

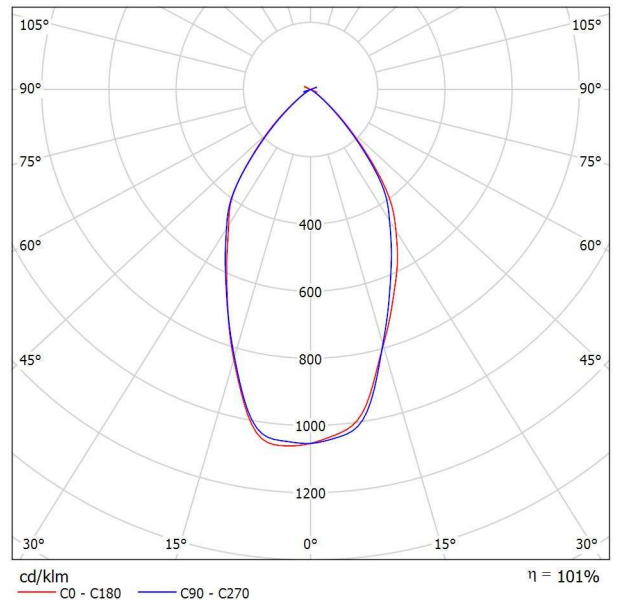


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## onok 530 LED / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

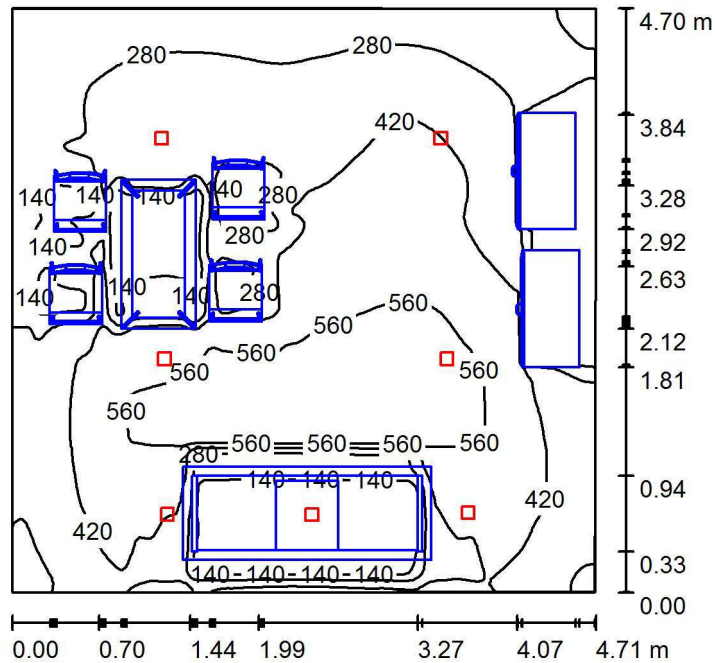


Luminaire classification according to CIE: 100  
CIE flux code: 87 100 100 100 101

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

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## Typical Office / Summary



Height of Room: 2.743 m, Mounting Height: 2.743 m, Light loss factor: 0.80

Values in Lux, Scale 1:61

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	344	12	677	0.036
Floor	20	323	3.43	658	0.011
Ceiling	80	87	47	130	0.536
Walls (4)	50	132	7.64	457	/

**Workplane:**

Height:	0.100 m
Grid:	128 x 128 Points
Boundary Zone:	0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.386, Ceiling / Working Plane: 0.254.

## Luminaire Parts List

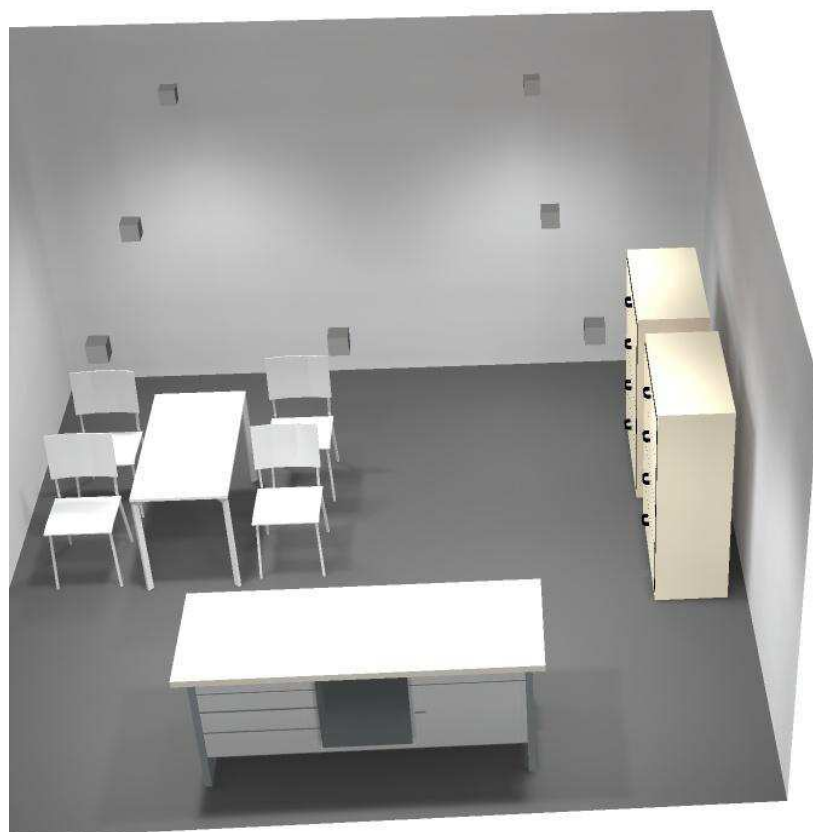
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	7	onok 530 LED (1.000)	2011	1985	0.0
			Total: 14075	Total: 13895	0.0

Specific connected load:  $0.00 \text{ W/m}^2 = 0.00 \text{ W/m}^2 / \text{lx}$  (Ground area:  $22.10 \text{ m}^2$ )



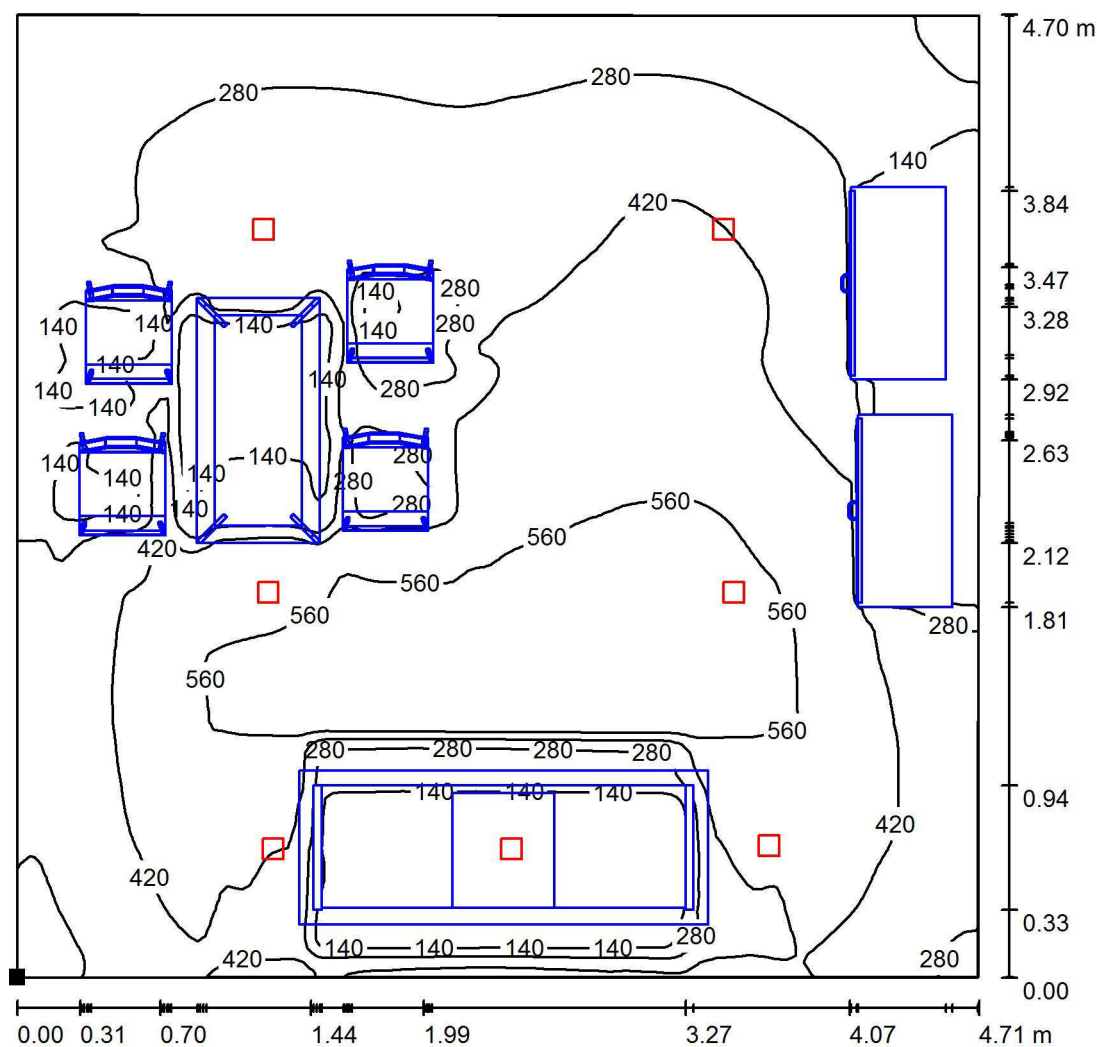
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## Typical Office / 3D Rendering



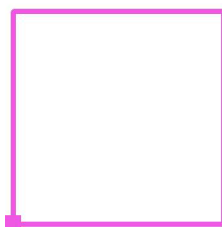
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# Typical Office / Workplane / Isolines (E)



Values in Lux, Scale 1 : 37

Position of surface in room:  
Marked point:  
(5.451 m, 7.447 m, 0.100 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
344

$E_{min}$  [lx]  
12

$E_{max}$  [lx]  
677

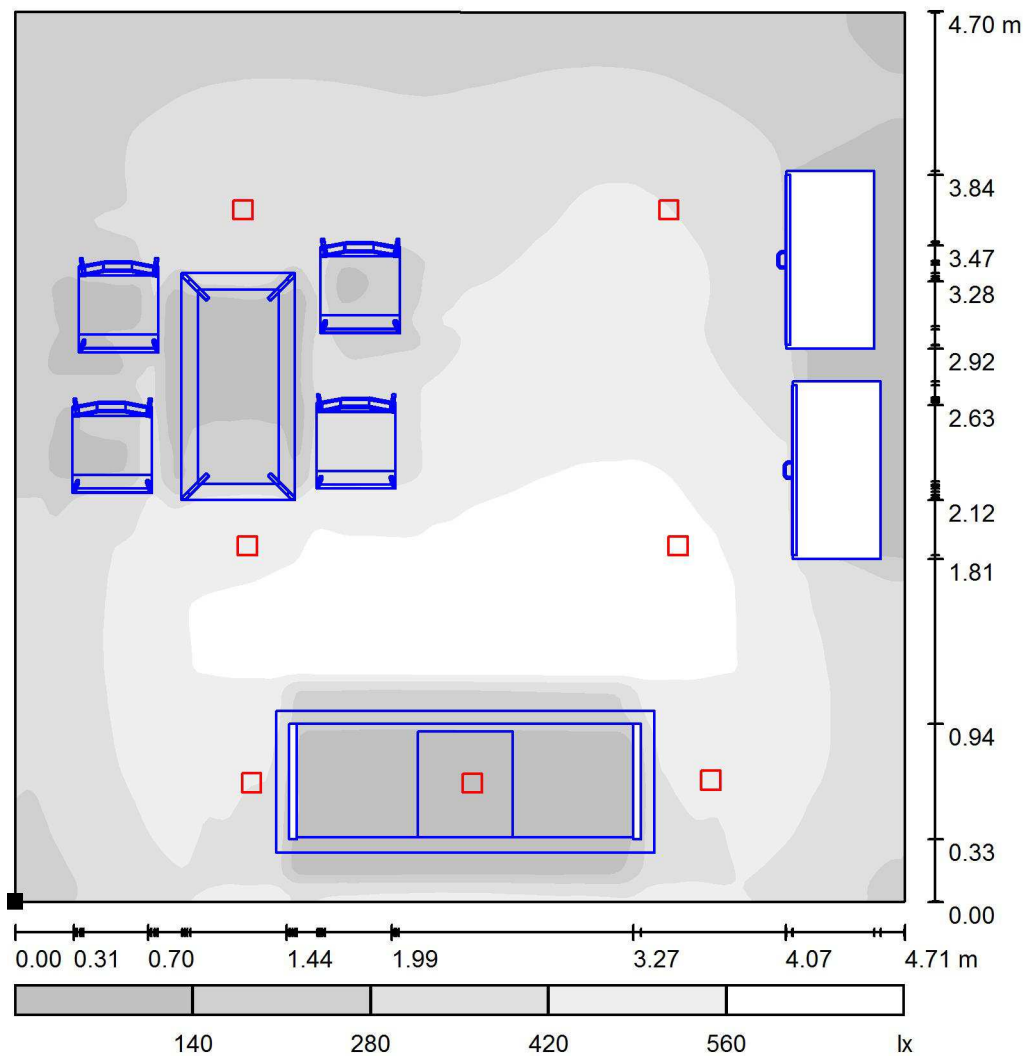
$u_0$   
0.036

$E_{min} / E_{max}$   
0.018



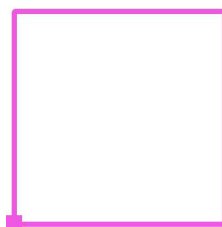
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# Typical Office / Workplane / Greyscale (E)



Scale 1 : 40

Position of surface in room:  
Marked point:  
(5.451 m, 7.447 m, 0.100 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
344

$E_{min}$  [lx]  
12

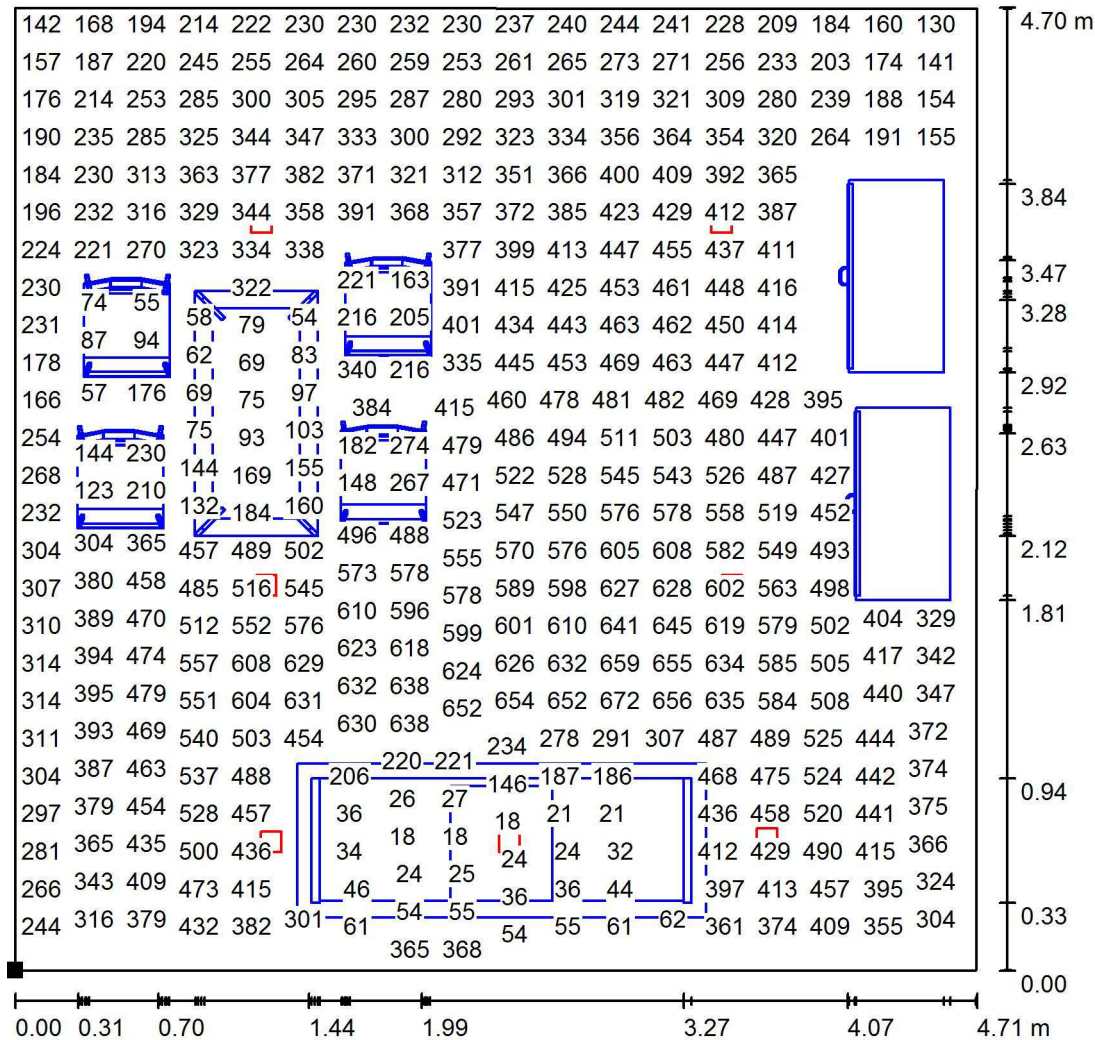
$E_{max}$  [lx]  
677

$u_0$   
0.036

$E_{min} / E_{max}$   
0.018

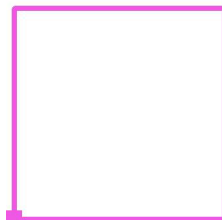
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# Typical Office / Workplane / Value Chart (E)



Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(5.451 m, 7.447 m, 0.100 m)



Grid: 128 x 128 Points

$E_{av}$  [lx]  
344

$E_{min}$  [lx]  
12

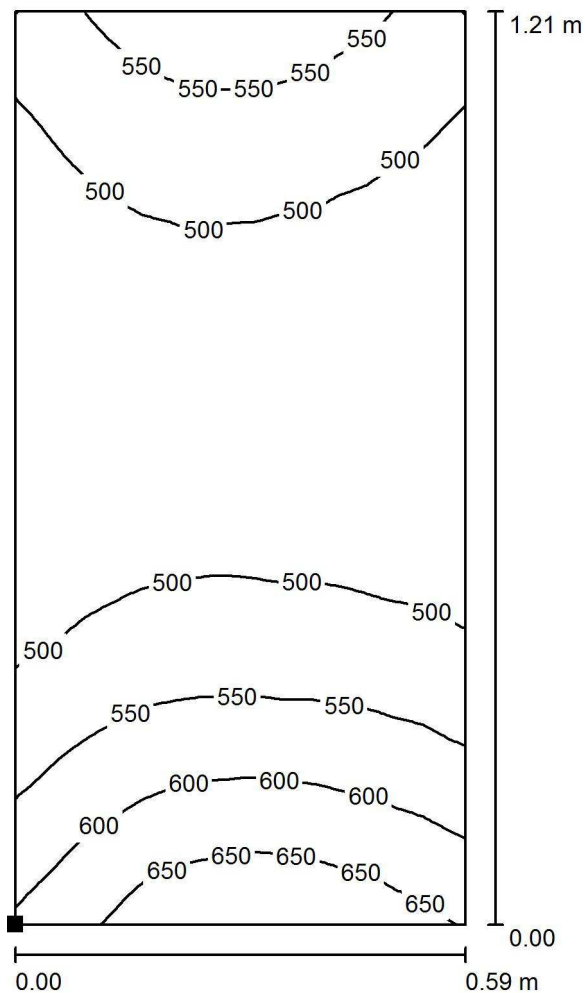
$E_{max}$  [lx]  
677

$u_0$   
0.036

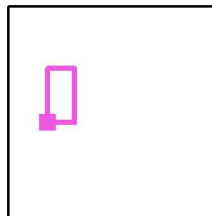
$E_{min} / E_{max}$   
0.018

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### Typical Office / Table Calc Surface / Isolines (E, Perpendicular)



Position of surface in room:  
Marked point:  
(6.338 m, 9.569 m, 0.760 m)



Values in Lux, Scale 1 : 10

Grid: 32 x 64 Points

$$E_{av} [lx]$$

524

$$E_{\min} [Ix]$$
$$E_{\max} [Ix] = 680$$

u0  
0.861

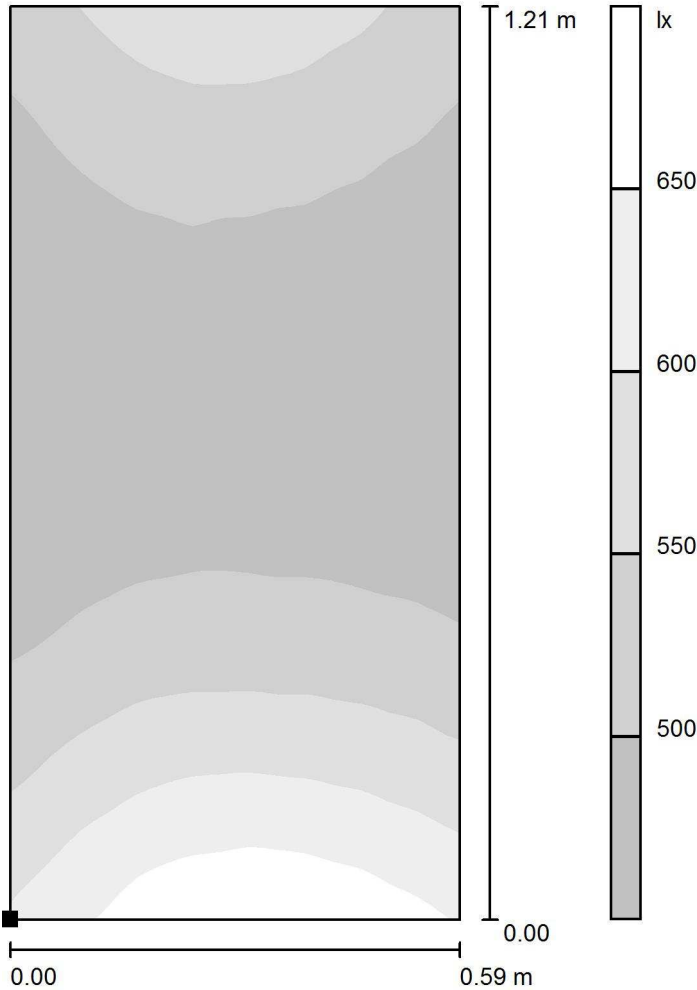
$$E_{\min} / E_{\max}$$

0.664

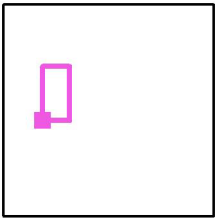


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Typical Office / Table Calc Surace / Greyscale (E, Perpendicular)



Position of surface in room:  
Marked point:  
(6.338 m, 9.569 m, 0.760 m)



Scale 1 : 10

Grid: 32 x 64 Points

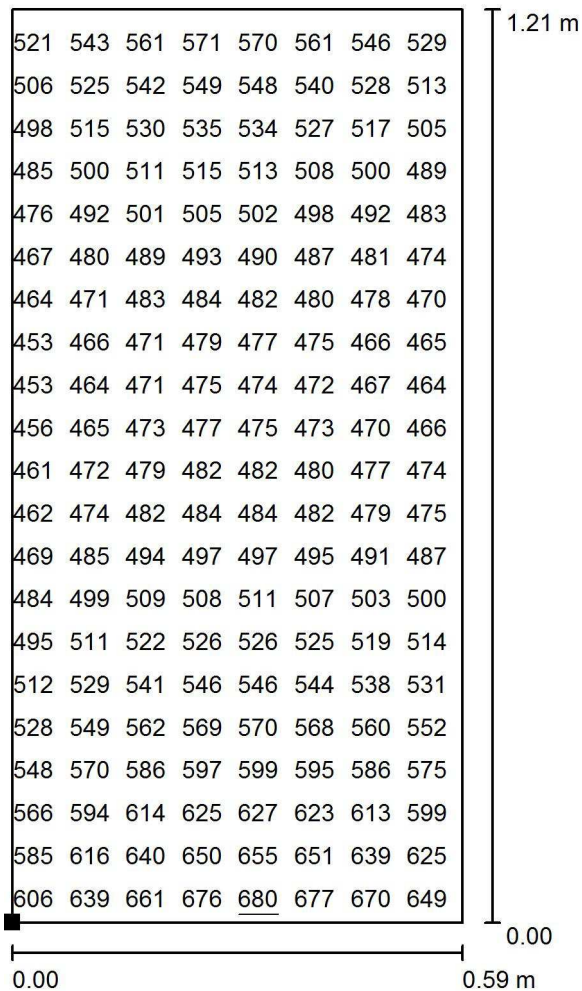
$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u0$	$E_{min} / E_{max}$
524	451	680	0.861	0.664





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## Typical Office / Table Calc Surface / Value Chart (E, Perpendicular)



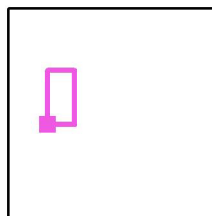
Values in Lux, Scale 1 : 10

Not all calculated values could be displayed.

Position of surface in room:

Marked point:

(6.338 m, 9.569 m, 0.760 m)



Grid: 32 x 64 Points

$E_{av}$  [lx]  
524

$E_{min}$  [lx]  
451

$E_{max}$  [lx]  
680

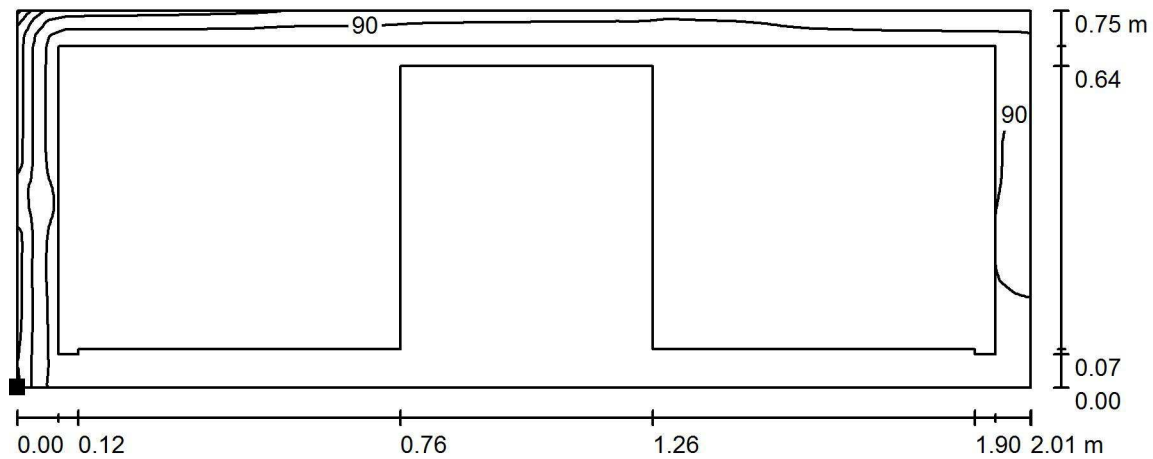
$u_0$   
0.861

$E_{min} / E_{max}$   
0.664



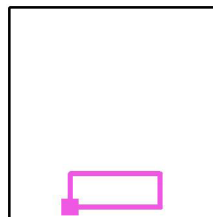
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### Typical Office / Work Desk / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 15

Position of surface in room:  
Marked point:  
(6.819 m, 7.712 m, 0.760 m)



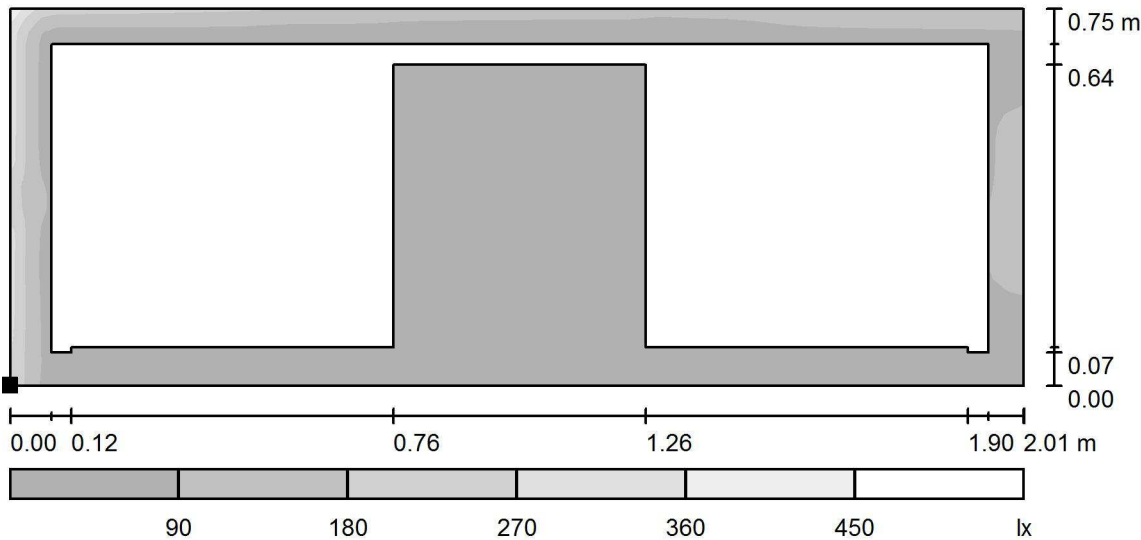
Grid: 64 x 32 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$	$E_{min} / E_{max}$
60	11	418	0.186	0.026



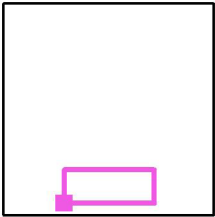
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Typical Office / Work Desk / Greyscale (E, Perpendicular)



Scale 1 : 15

Position of surface in room:  
Marked point:  
(6.819 m, 7.712 m, 0.760 m)



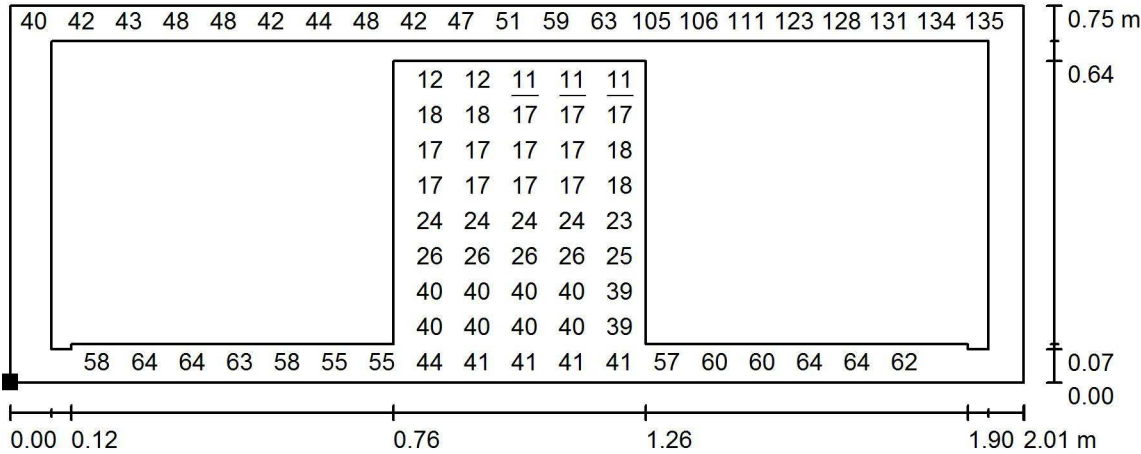
Grid: 64 x 32 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$	$E_{min} / E_{max}$
60	11	418	0.186	0.026



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Fax  
e-Mail

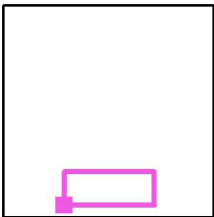
Typical Office / Work Desk / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 15

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(6.819 m, 7.712 m, 0.760 m)



Grid: 64 x 32 Points

$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$	$E_{min} / E_{max}$
60	11	418	0.186	0.026