

## **Veļas mazgātavas telpu pārplānošana**

Partner for Contact:  
Order No.:  
Company:  
Customer No.:

Date: 23.04.2013  
Operator:



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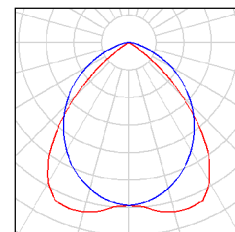


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## Veļas mazgātavas telpu pārplānošana / Luminaire parts list

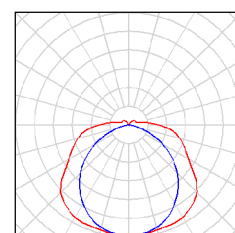
4 Pieces LLF BO.007.20 LUGCLASSIC 418 NT SLA EVG  
Article No.: BO.007.20  
Luminous flux (Luminaire): 3432 lm  
Luminous flux (Lamps): 5400 lm  
Luminaire Wattage: 75.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 65 94 99 100 64  
Fitting: 4 x 18W/840 (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



13 Pieces LUG LIGHT FACTORY  
090151.1206.33\_ES.010.20 082 RAYLUX IP43  
2x18W  
Article No.: 090151.1206.33\_ES.010.20  
Luminous flux (Luminaire): 2266 lm  
Luminous flux (Lamps): 2700 lm  
Luminaire Wattage: 36.0 W  
Luminaire classification according to CIE: 93  
CIE flux code: 43 73 90 93 84  
Fitting: 2 x L 18 W/827 (Correction Factor 1.000).

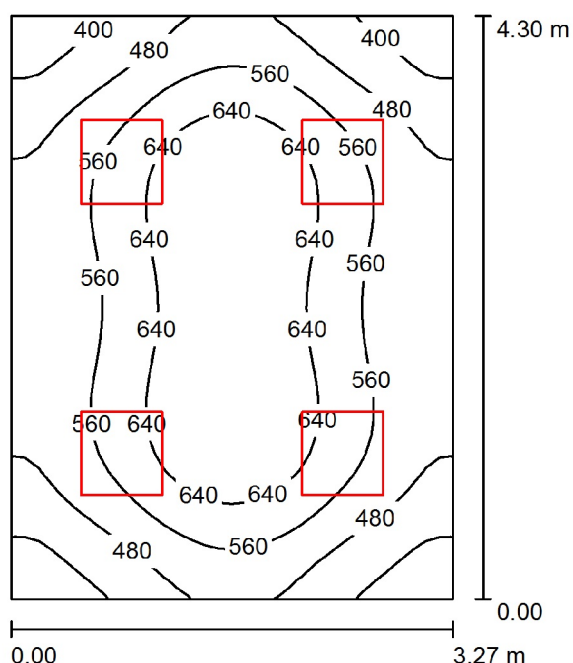
See our luminaire  
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## Telpa Nr.17 / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:56

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	553	339	722	0.613
Floor	20	447	306	550	0.685
Ceiling	70	108	84	123	0.776
Walls (4)	50	248	80	443	/

**Workplane:**

Height: 0.750 m  
Grid: 32 x 32 Points  
Boundary Zone: 0.000 m

**UGR**

Left Wall  
Lower Wall  
(CIE, SHR = 1.00.)

## Lengthways-

<10  
<10

## Across

17  
18

## to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.461, Ceiling / Working Plane: 0.195.

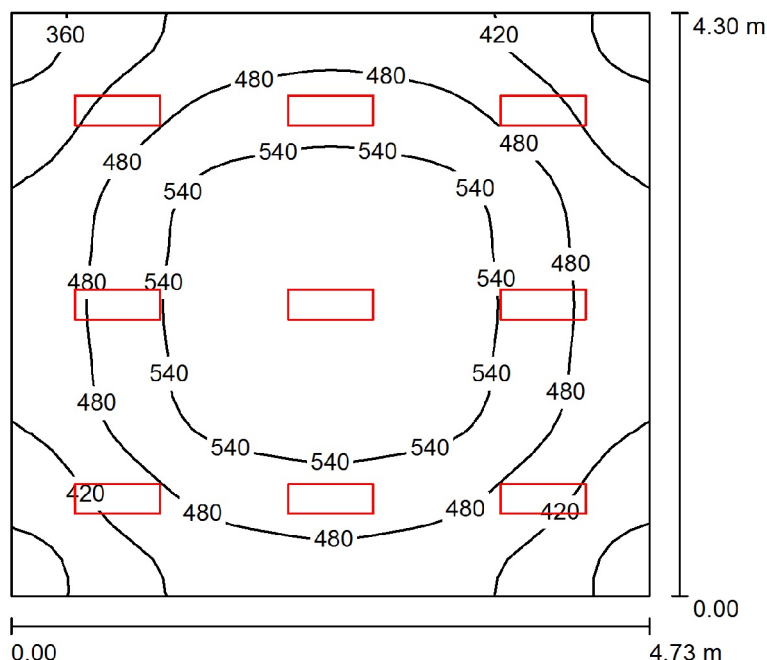
**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	$\Phi$ (Luminaire) [lm]	$\Phi$ (Lamps) [lm]	P [W]
1	4	LLF BO.007.20 LUGCLASSIC 418 NT SLA EVG (1.000)	3432	5400	75.0
Total:			13729	21600	300.0

Specific connected load:  $21.32 \text{ W/m}^2 = 3.86 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $14.07 \text{ m}^2$ )

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## Telpa Nr.18 / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:56

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	483	336	589	0.694
Floor	20	395	285	472	0.720
Ceiling	70	194	130	670	0.671
Walls (4)	50	330	186	621	/

**Workplane:**

Height: 0.750 m  
Grid: 32 x 32 Points  
Boundary Zone: 0.000 m

**UGR**

Left Wall 20  
Lower Wall 20  
(CIE, SHR = 1.00.)

## Lengthways-

20  
20

## Across

16  
16

## to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.757, Ceiling / Working Plane: 0.402.

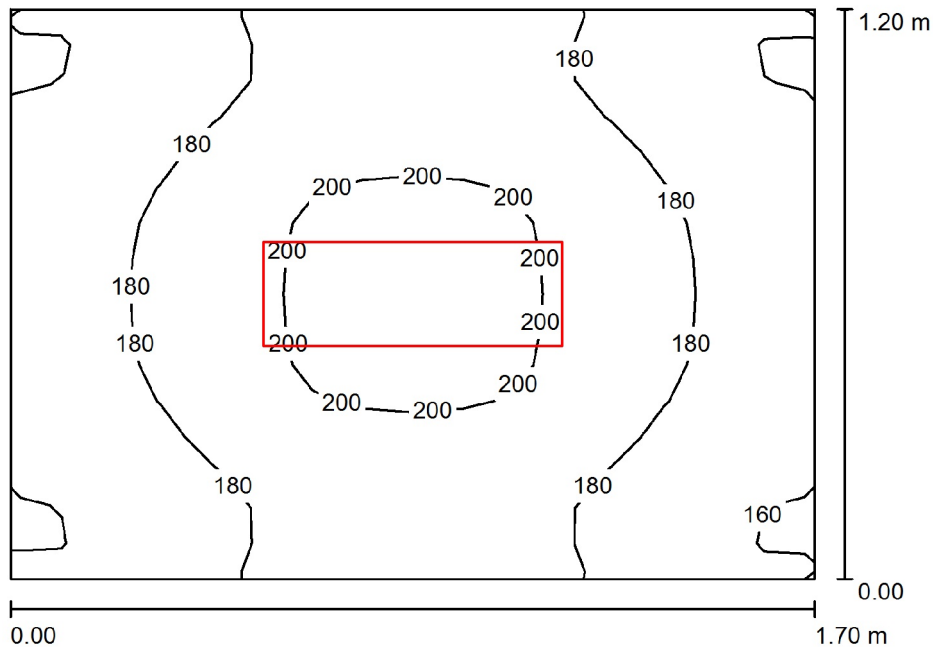
**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	$\Phi$ (Luminaire) [lm]	$\Phi$ (Lamps) [lm]	P [W]
1	9	LUG LIGHT FACTORY 090151.1206.33_ES.010.20 082 RAYLUX IP43 2x18W (1.000)	2266	2700	36.0
Total:			20392	24300	324.0

Specific connected load:  $15.94 \text{ W/m}^2 = 3.30 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $20.33 \text{ m}^2$ )

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## Telpa Nr.19 / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:16

Surface	$\rho$ [%]	$E_{av}$ [Ix]	$E_{min}$ [Ix]	$E_{max}$ [Ix]	$u_0$
Workplane	/	182	154	205	0.845
Floor	20	111	100	120	0.897
Ceiling	70	177	92	623	0.516
Walls (4)	50	181	48	633	/

**Workplane:**

Height:	0.750 m
Grid:	16 x 16 Points
Boundary Zone:	0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 1.224, Ceiling / Working Plane: 0.974.

## Luminaire Parts List

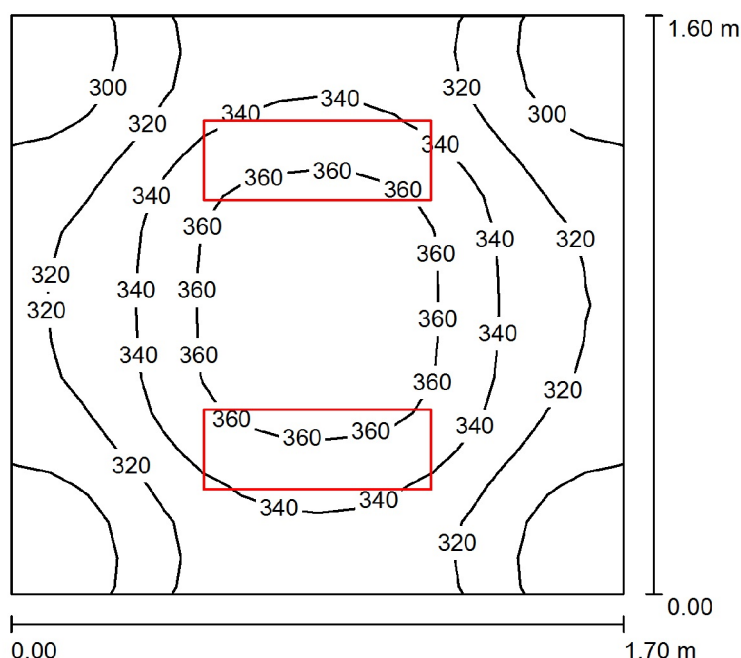
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	1	LUG LIGHT FACTORY 090151.1206.33_ES.010.20 082 RAYLUX IP43 2x18W (1.000)	2266	2700	36.0
			Total: 2266	Total: 2700	36.0

Specific connected load:  $17.61 \text{ W/m}^2 = 9.67 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $2.04 \text{ m}^2$ )



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## Telpa Nr.17-1 / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:21

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	331	276	373	0.832
Floor	20	212	185	229	0.873
Ceiling	70	275	143	594	0.521
Walls (4)	50	305	97	1326	/

**Workplane:**

Height: 0.750 m  
Grid: 16 x 16 Points  
Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 1.122, Ceiling / Working Plane: 0.830.

**Luminaire Parts List**

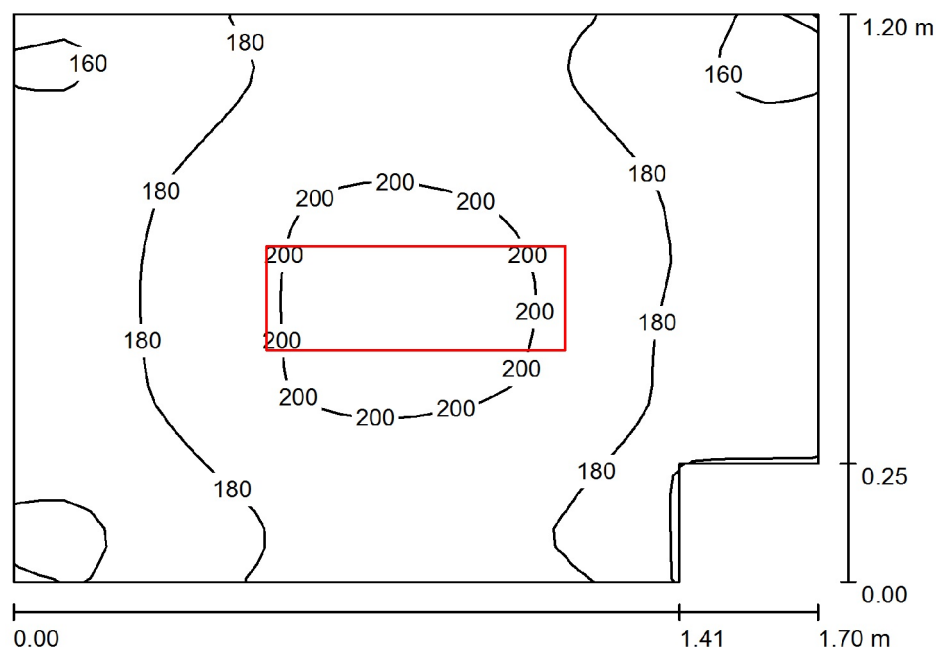
No.	Pieces	Designation (Correction Factor)	$\Phi$ (Luminaire) [lm]	$\Phi$ (Lamps) [lm]	P [W]
1	2	LUG LIGHT FACTORY 090151.1206.33_ES.010.20 082 RAYLUX IP43 2x18W (1.000)	2266	2700	36.0
Total:			4532	5400	72.0

Specific connected load:  $26.47 \text{ W/m}^2 = 8.00 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $2.72 \text{ m}^2$ )



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## Telpa Nr.17-2 / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:16

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	182	153	205	0.840
Floor	20	110	99	119	0.898
Ceiling	70	182	96	629	0.526
Walls (6)	50	181	41	643	/

**Workplane:**

Height: 0.750 m  
Grid: 32 x 32 Points  
Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 1.231, Ceiling / Working Plane: 1.001.

**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	$\Phi$ (Luminaire) [lm]	$\Phi$ (Lamps) [lm]	P [W]
1	1	LUG LIGHT FACTORY 090151.1206.33_ES.010.20 082 RAYLUX IP43 2x18W (1.000)	2266	2700	36.0
Total:			2266	2700	36.0

Specific connected load:  $18.33 \text{ W/m}^2 = 10.07 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $1.96 \text{ m}^2$ )