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Osvetlenie - FRO

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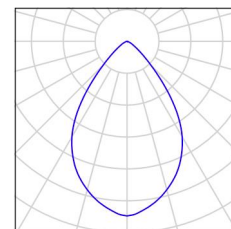
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Osvetlenie - FRO / Luminaire parts list

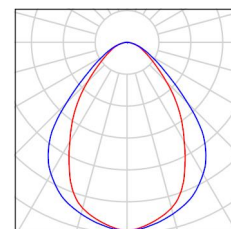
30 Pieces OMS, a.s Aug20 PRETTUS II M MRE 24W
2750lm 830
Article No.: Aug20
Luminous flux (Luminaire): 2750 lm
Luminous flux (Lamps): 2750 lm
Luminaire Wattage: 24.0 W
Luminaire classification according to CIE: 100
CIE flux code: 83 98 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



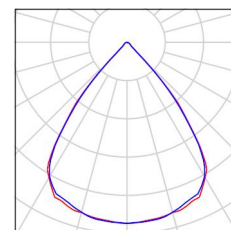
27 Pieces OMS, a.s Dec20 LAMBDA LED SFD M 26W
3450lm 830
Article No.: Dec20
Luminous flux (Luminaire): 3450 lm
Luminous flux (Lamps): 3450 lm
Luminaire Wattage: 26.0 W
Luminaire classification according to CIE: 100
CIE flux code: 67 91 98 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



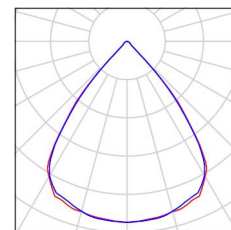
6 Pieces OMS, a.s Jul 21 MILINE Recessed PR1 LWL
18W 2550lm 830
Article No.: Jul 21
Luminous flux (Luminaire): 2550 lm
Luminous flux (Lamps): 2550 lm
Luminaire Wattage: 18.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



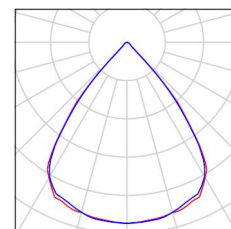
18 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
22W 3250lm 840
Article No.: Jul 21
Luminous flux (Luminaire): 3250 lm
Luminous flux (Lamps): 3250 lm
Luminaire Wattage: 22.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



6 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
27W 3650lm 830
Article No.: Jul 21
Luminous flux (Luminaire): 3650 lm
Luminous flux (Lamps): 3650 lm
Luminaire Wattage: 27.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





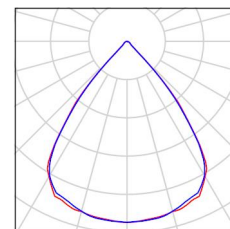
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Osvetlenie - FRO / Luminaire parts list

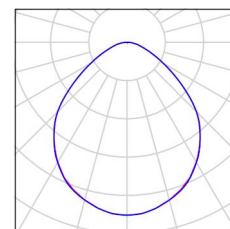
15 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
27W 3800lm 840
Article No.: Jul 21
Luminous flux (Luminaire): 3800 lm
Luminous flux (Lamps): 3800 lm
Luminaire Wattage: 27.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



54 Pieces OMS, a.s Maj18 GACRUX XTP PV1 MCD 37W
3100lm 830
Article No.: Maj18
Luminous flux (Luminaire): 3100 lm
Luminous flux (Lamps): 3100 lm
Luminaire Wattage: 37.0 W
Luminaire classification according to CIE: 100
CIE flux code: 58 88 97 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





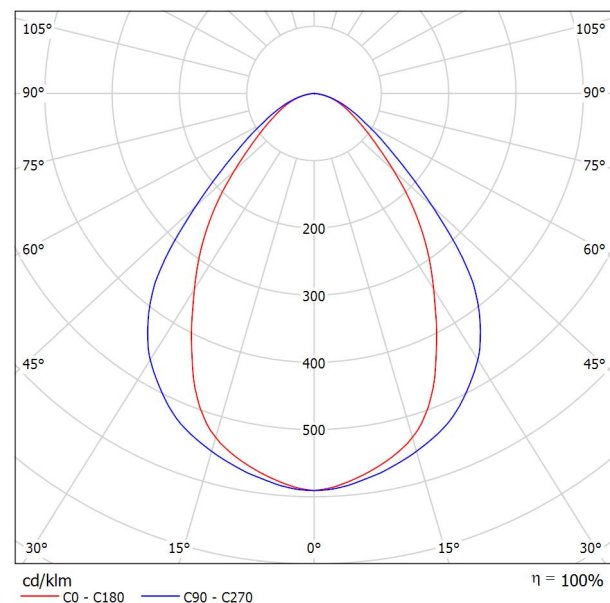
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OMS, a.s Dec20 LAMBDA LED SFD M 26W 3450lm 830 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 67 91 98 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30		
ρ Walls	50	30	50	30	30	50	30	50	30	30		
ρ Floor	20	20	20	20	20	20	20	20	20	20		
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	17.3	18.3	17.5	18.5	18.7	19.1	20.1	19.3	20.3	20.5	
	3H	18.6	19.6	18.9	19.8	20.1	20.2	21.1	20.5	21.4	21.6	
	4H	19.1	20.0	19.4	20.3	20.5	20.6	21.4	20.9	21.7	22.0	
	6H	19.4	20.3	19.8	20.5	20.8	20.8	21.6	21.1	21.9	22.2	
	8H	19.5	20.3	19.9	20.6	20.9	20.8	21.6	21.2	21.9	22.2	
4H	12H	19.6	20.3	19.9	20.6	21.0	20.8	21.6	21.2	21.9	22.2	
	2H	17.8	18.7	18.1	18.9	19.2	19.3	20.2	19.6	20.4	20.7	
	3H	19.3	20.1	19.7	20.4	20.7	20.6	21.4	21.0	21.7	22.0	
	4H	20.0	20.6	20.3	21.0	21.3	21.1	21.8	21.5	22.1	22.5	
	6H	20.4	20.9	20.8	21.3	21.7	21.5	22.0	21.9	22.4	22.8	
8H	8H	20.5	21.0	20.9	21.4	21.8	21.5	22.1	22.0	22.4	22.8	
	12H	20.6	21.0	21.0	21.5	21.9	21.6	22.0	22.0	22.4	22.9	
	2H	20.2	20.7	20.6	21.1	21.5	21.3	21.8	21.7	22.2	22.6	
	4H	20.7	21.1	21.2	21.6	22.0	21.7	22.1	22.1	22.5	23.0	
	8H	20.9	21.3	21.4	21.7	22.2	21.8	22.2	22.3	22.6	23.1	
12H	12H	21.0	21.3	21.5	21.8	22.3	21.9	22.2	22.4	22.6	23.1	
	4H	20.2	20.7	20.6	21.1	21.5	21.3	21.7	21.7	22.1	22.6	
	6H	20.8	21.1	21.2	21.6	22.0	21.7	22.1	22.2	22.5	23.0	
8H	20.9	21.3	21.4	21.7	22.2	21.8	22.1	22.3	22.6	23.1		
Variation of the observer position for the luminaire distances S												
S = 1.0H	+0.5 / -0.6					+0.4 / -0.7						
S = 1.5H	+0.7 / -1.1					+1.5 / -1.3						
S = 2.0H	+1.5 / -1.6					+2.7 / -1.9						
Standard table	BK03					BK03						
Correction Summand	-0.7					0.6						
Corrected Glare Indices referring to 3450lm Total Luminous Flux												



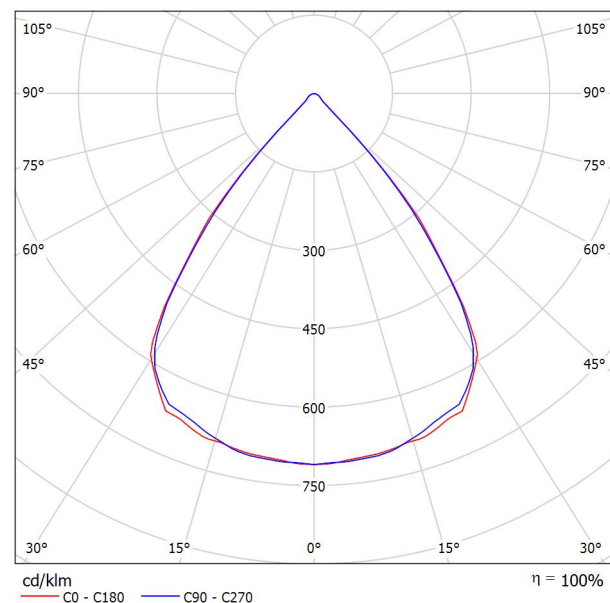
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OMS, a.s Jul 21 MILINE Recessed PV1 LWL 22W 3250lm 840 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	6.0	6.8	6.3	7.0	7.2	5.9	6.7	6.2	6.9	7.1	
	3H	7.2	7.8	7.5	8.1	8.3	7.3	8.0	7.6	8.2	8.5	
	4H	7.1	7.8	7.4	8.0	8.3	7.6	8.2	7.9	8.5	8.7	
	6H	7.0	7.6	7.4	7.9	8.2	7.6	8.2	8.0	8.5	8.8	
	8H	7.0	7.6	7.3	7.9	8.2	7.6	8.2	8.0	8.5	8.8	
4H	12H	7.0	7.5	7.3	7.8	8.1	7.6	8.1	7.9	8.4	8.7	
	2H	6.5	7.2	6.8	7.4	7.7	6.5	7.1	6.8	7.3	7.6	
	3H	7.7	8.3	8.1	8.6	8.9	8.0	8.6	8.4	8.9	9.2	
	4H	7.7	8.2	8.1	8.5	8.8	8.3	8.8	8.7	9.1	9.4	
	6H	7.6	8.0	8.0	8.4	8.8	8.4	8.8	8.8	9.1	9.5	
8H	8H	7.6	7.9	8.0	8.3	8.7	8.4	8.7	8.8	9.1	9.5	
	12H	7.5	7.8	8.0	8.2	8.7	8.3	8.6	8.8	9.0	9.5	
	4H	7.7	8.0	8.1	8.4	8.8	8.3	8.6	8.7	9.0	9.4	
	6H	7.6	7.9	8.1	8.3	8.7	8.3	8.6	8.8	9.0	9.5	
	8H	7.6	7.8	8.0	8.2	8.7	8.3	8.5	8.8	9.0	9.4	
12H	12H	7.5	7.7	8.0	8.2	8.7	8.3	8.4	8.7	8.9	9.4	
	4H	7.7	8.0	8.1	8.4	8.8	8.2	8.5	8.7	8.9	9.4	
	6H	7.6	7.8	8.0	8.2	8.7	8.3	8.5	8.7	8.9	9.4	
	8H	7.5	7.7	8.0	8.2	8.7	8.3	8.4	8.7	8.9	9.4	
Variation of the observer position for the luminaire distances S												
S = 1.0H	+3.7 / -10.0					+3.7 / -9.3						
S = 1.5H	+6.2 / -10.6					+6.3 / -9.9						
S = 2.0H	+8.2 / -11.5					+8.2 / -10.6						
Standard table	BK00					BK00						
Correction Summand	-4.4					-4.4						
Corrected Glare Indices referring to 3250lm Total Luminous Flux												



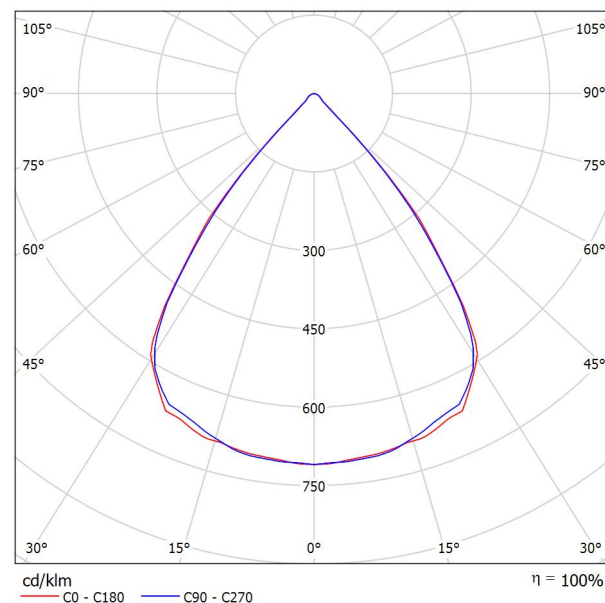
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OMS, a.s Jul 21 MILINE Recessed PV1 LWL 27W 3650lm 830 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	6.4	7.2	6.7	7.4	7.6	6.3	7.1	6.6	7.3	7.5	
	3H	7.6	8.3	7.9	8.5	8.7	7.7	8.4	8.0	8.6	8.9	
	4H	7.5	8.2	7.8	8.4	8.7	8.0	8.6	8.3	8.9	9.1	
	6H	7.4	8.0	7.8	8.3	8.6	8.0	8.6	8.4	8.9	9.2	
	8H	7.4	8.0	7.7	8.3	8.6	8.0	8.6	8.4	8.9	9.2	
4H	12H	7.4	7.9	7.7	8.2	8.5	8.0	8.5	8.3	8.8	9.1	
	2H	6.9	7.6	7.2	7.8	8.1	6.9	7.5	7.2	7.8	8.0	
	3H	8.1	8.7	8.5	9.0	9.3	8.4	9.0	8.8	9.3	9.6	
	4H	8.1	8.6	8.5	8.9	9.2	8.7	9.2	9.1	9.5	9.8	
	6H	8.0	8.4	8.4	8.8	9.2	8.8	9.2	9.2	9.5	9.9	
8H	8H	8.0	8.3	8.4	8.7	9.1	8.8	9.1	9.2	9.5	9.9	
	12H	8.0	8.2	8.4	8.6	9.1	8.7	9.0	9.2	9.4	9.9	
	4H	8.1	8.4	8.5	8.8	9.2	8.7	9.0	9.1	9.4	9.8	
	6H	8.0	8.3	8.5	8.7	9.1	8.7	9.0	9.2	9.4	9.9	
	8H	8.0	8.2	8.4	8.6	9.1	8.7	8.9	9.2	9.4	9.8	
12H	12H	7.9	8.1	8.4	8.6	9.1	8.7	8.8	9.2	9.3	9.8	
	4H	8.1	8.4	8.5	8.8	9.2	8.6	8.9	9.1	9.3	9.8	
	6H	8.0	8.2	8.4	8.6	9.1	8.7	8.9	9.1	9.3	9.8	
	8H	7.9	8.1	8.4	8.6	9.1	8.7	8.8	9.1	9.3	9.8	
Variation of the observer position for the luminaire distances S												
S = 1.0H	+3.7 / -10.0					+3.7 / -9.3						
S = 1.5H	+6.2 / -10.6					+6.3 / -9.9						
S = 2.0H	+8.2 / -11.5					+8.2 / -10.6						
Standard table	BK00					BK00						
Correction Summand	-4.4					-4.4						
Corrected Glare Indices referring to 3650lm Total Luminous Flux												



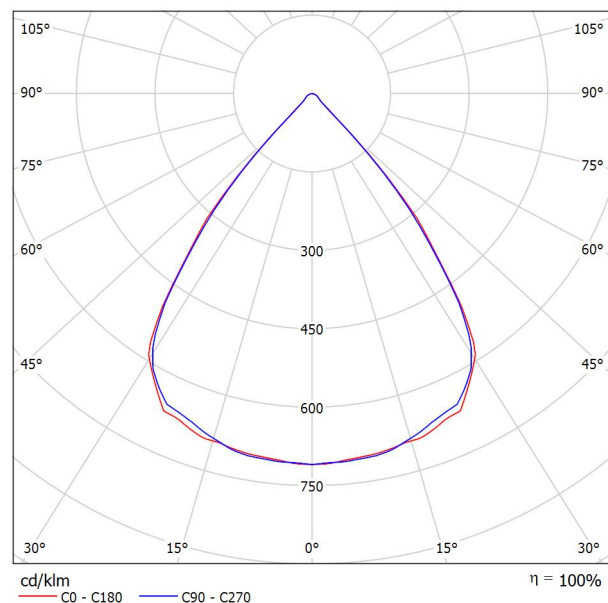
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OMS, a.s Jul 21 MILINE Recessed PV1 LWL 27W 3800lm 840 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	6.6	7.3	6.8	7.5	7.7	6.5	7.2	6.7	7.4	7.6	
	3H	7.7	8.4	8.0	8.6	8.9	7.9	8.6	8.2	8.8	9.0	
	4H	7.7	8.3	8.0	8.5	8.8	8.1	8.8	8.4	9.0	9.3	
	6H	7.6	8.2	7.9	8.4	8.7	8.2	8.8	8.5	9.0	9.3	
	8H	7.5	8.1	7.9	8.4	8.7	8.2	8.7	8.5	9.0	9.3	
4H	12H	7.5	8.0	7.9	8.3	8.7	8.1	8.7	8.5	9.0	9.3	
	2H	7.1	7.7	7.4	8.0	8.2	7.0	7.6	7.3	7.9	8.2	
	3H	8.3	8.8	8.6	9.1	9.4	8.6	9.1	8.9	9.4	9.7	
	4H	8.2	8.7	8.6	9.0	9.4	8.9	9.3	9.2	9.6	10.0	
	6H	8.2	8.5	8.6	8.9	9.3	8.9	9.3	9.3	9.7	10.0	
8H	8H	8.1	8.5	8.5	8.9	9.3	8.9	9.2	9.3	9.6	10.0	
	12H	8.1	8.4	8.5	8.8	9.2	8.9	9.2	9.3	9.6	10.0	
	4H	8.2	8.6	8.7	9.0	9.4	8.8	9.2	9.2	9.5	9.9	
	6H	8.2	8.4	8.6	8.8	9.3	8.9	9.1	9.3	9.6	10.0	
	8H	8.1	8.3	8.6	8.8	9.2	8.8	9.1	9.3	9.5	10.0	
12H	12H	8.1	8.2	8.5	8.7	9.2	8.8	9.0	9.3	9.5	9.9	
	4H	8.2	8.5	8.6	8.9	9.3	8.8	9.1	9.2	9.5	9.9	
	6H	8.1	8.3	8.6	8.8	9.2	8.8	9.0	9.3	9.5	10.0	
	8H	8.1	8.2	8.5	8.7	9.2	8.8	9.0	9.3	9.4	9.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H	+3.7 / -10.0					+3.7 / -9.3						
S = 1.5H	+6.2 / -10.6					+6.3 / -9.9						
S = 2.0H	+8.2 / -11.5					+8.2 / -10.6						
Standard table	BK00					BK00						
Correction Summand	-4.4					-4.4						
Corrected Glare Indices referring to 3800lm Total Luminous Flux												



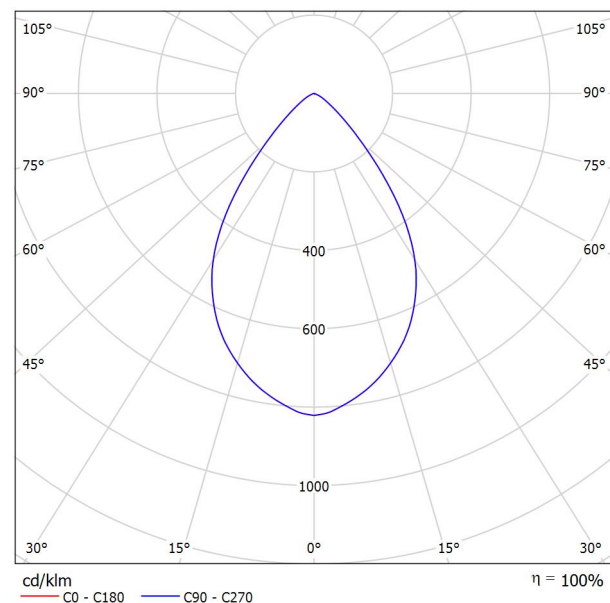
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OMS, a.s Aug20 PRETTUS II M MRE 24W 2750lm 830 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 83 98 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR													
ρ Ceiling	70	70	50	50	30	70	70	50	50	30			
ρ Walls	50	30	50	30	30	50	30	50	30	30			
ρ Floor	20	20	20	20	20	20	20	20	20	20			
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis							
2H	2H	13.5	14.3	13.7	14.5	14.7	13.5	14.3	13.7	14.5	14.7		
	3H	13.7	14.5	14.0	14.7	14.9	13.7	14.5	14.0	14.7	14.9		
	4H	13.7	14.4	14.0	14.7	14.9	13.7	14.4	14.0	14.7	14.9		
	6H	13.7	14.4	14.1	14.7	14.9	13.7	14.4	14.1	14.7	14.9		
	8H	13.7	14.3	14.1	14.6	14.9	13.7	14.3	14.1	14.6	14.9		
	12H	13.7	14.3	14.1	14.6	14.9	13.7	14.3	14.1	14.6	14.9		
4H	2H	13.6	14.3	13.9	14.6	14.8	13.6	14.3	13.9	14.6	14.8		
	3H	13.9	14.5	14.2	14.8	15.1	13.9	14.5	14.2	14.8	15.1		
	4H	13.9	14.4	14.3	14.7	15.1	13.9	14.4	14.3	14.7	15.1		
	6H	13.9	14.4	14.4	14.7	15.1	13.9	14.4	14.4	14.7	15.1		
	8H	14.0	14.4	14.4	14.7	15.1	14.0	14.4	14.4	14.7	15.1		
	12H	14.0	14.3	14.4	14.7	15.2	14.0	14.3	14.4	14.7	15.2		
8H	4H	13.9	14.2	14.3	14.6	15.0	13.9	14.2	14.3	14.6	15.0		
	6H	13.9	14.2	14.4	14.7	15.1	13.9	14.2	14.4	14.7	15.1		
	8H	14.0	14.2	14.5	14.7	15.2	14.0	14.2	14.5	14.7	15.2		
	12H	14.1	14.3	14.5	14.7	15.2	14.1	14.3	14.5	14.7	15.2		
	12H	4H	13.8	14.2	14.3	14.6	15.0	13.8	14.2	14.3	14.6	15.0	
		6H	13.9	14.2	14.4	14.6	15.1	13.9	14.2	14.4	14.6	15.1	
8H		14.0	14.2	14.5	14.7	15.2	14.0	14.2	14.5	14.7	15.2		
Variation of the observer position for the luminaire distances S													
S = 1.0H		+2.3 / -4.0					+2.3 / -4.0						
S = 1.5H		+4.6 / -6.1					+4.6 / -6.1						
S = 2.0H	+6.5 / -8.4					+6.5 / -8.4							
Standard table	BK00					BK00							
Correction Summand	-2.8					-2.8							
Corrected Glare Indices referring to 2750lm Total Luminous Flux													



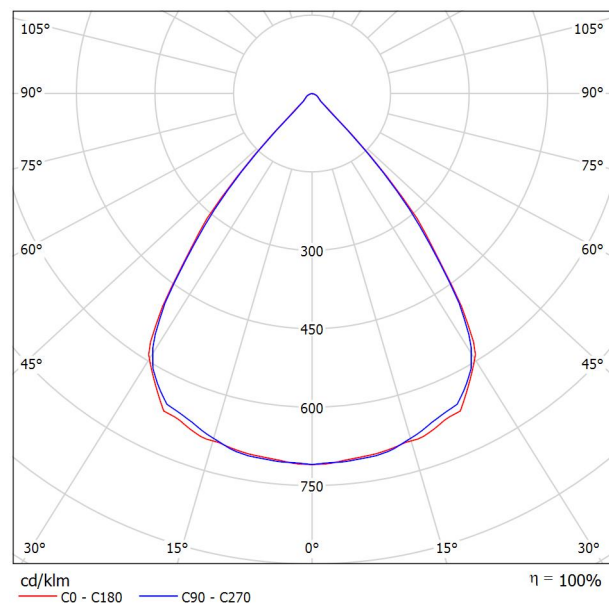
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OMS, a.s Jul 21 MILINE Recessed PR1 LWL 18W 2550lm 830 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	5.2	5.9	5.4	6.1	6.3	5.1	5.8	5.3	6.0	6.2	
	3H	6.3	7.0	6.6	7.2	7.5	6.5	7.2	6.8	7.4	7.6	
	4H	6.3	6.9	6.6	7.2	7.4	6.7	7.4	7.0	7.6	7.9	
	6H	6.2	6.8	6.5	7.1	7.3	6.8	7.4	7.1	7.7	7.9	
	8H	6.2	6.7	6.5	7.0	7.3	6.8	7.3	7.1	7.6	7.9	
	12H	6.1	6.7	6.5	7.0	7.3	6.8	7.3	7.1	7.6	7.9	
4H	2H	5.7	6.3	6.0	6.6	6.8	5.6	6.3	5.9	6.5	6.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.2	7.7	7.5	8.0	8.3	
	4H	6.9	7.3	7.2	7.6	8.0	7.5	7.9	7.8	8.3	8.6	
	6H	6.8	7.2	7.2	7.5	7.9	7.5	7.9	7.9	8.3	8.7	
	8H	6.7	7.1	7.2	7.5	7.9	7.5	7.9	7.9	8.2	8.6	
	12H	6.7	7.0	7.1	7.4	7.8	7.5	7.8	7.9	8.2	8.6	
8H	4H	6.9	7.2	7.3	7.6	8.0	7.4	7.8	7.8	8.2	8.6	
	6H	6.8	7.0	7.2	7.5	7.9	7.5	7.7	7.9	8.2	8.6	
	8H	6.7	6.9	7.2	7.4	7.9	7.5	7.7	7.9	8.1	8.6	
	12H	6.7	6.9	7.2	7.3	7.8	7.4	7.6	7.9	8.1	8.6	
12H	4H	6.8	7.1	7.3	7.5	7.9	7.4	7.7	7.8	8.1	8.5	
	6H	6.7	6.9	7.2	7.4	7.9	7.4	7.7	7.9	8.1	8.6	
	8H	6.7	6.9	7.2	7.3	7.8	7.4	7.6	7.9	8.1	8.6	
Variation of the observer position for the luminaire distances S												
S = 1.0H	+3.7 / -10.0					+3.7 / -9.3						
S = 1.5H	+6.2 / -10.6					+6.3 / -9.9						
S = 2.0H	+8.2 / -11.5					+8.2 / -10.6						
Standard table	BK00					BK00						
Correction Summand	-4.4					-4.4						
Corrected Glare Indices referring to 2550lm Total Luminous Flux												



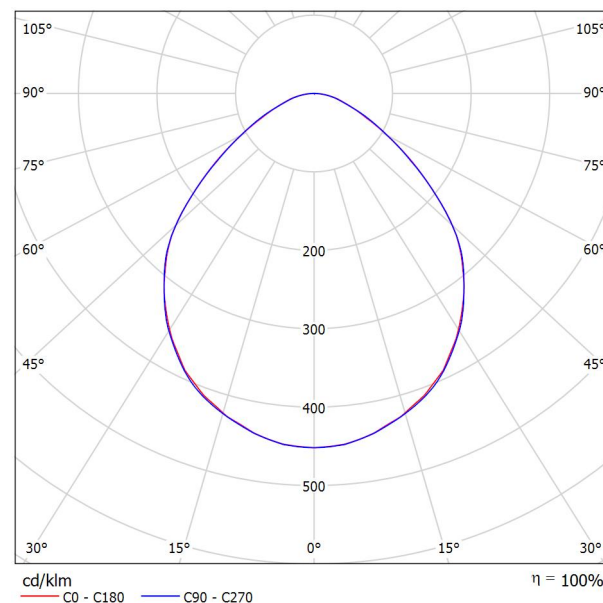
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OMS, a.s Maj18 GACRUX XTP PV1 MCD 37W 3100lm 830 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 58 88 97 100 100

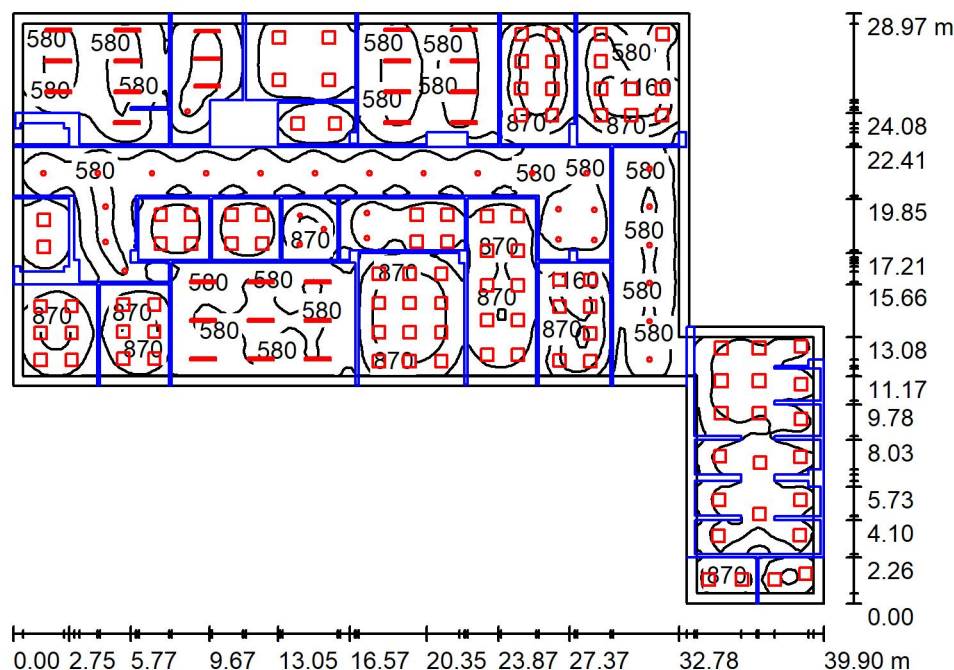
Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis						
2H	2H	14.4	15.6	14.7	15.8	16.1	14.6	15.8	14.9	16.0	16.2	
	3H	15.6	16.7	16.0	17.0	17.2	15.8	16.9	16.2	17.2	17.4	
	4H	16.1	17.1	16.4	17.4	17.7	16.2	17.2	16.6	17.5	17.8	
	6H	16.4	17.4	16.8	17.6	18.0	16.6	17.5	16.9	17.8	18.1	
	8H	16.6	17.4	16.9	17.7	18.1	16.7	17.5	17.0	17.9	18.2	
4H	12H	16.6	17.5	17.0	17.8	18.1	16.7	17.6	17.1	17.9	18.2	
	2H	14.6	15.6	15.0	15.9	16.2	14.8	15.8	15.1	16.1	16.3	
	3H	16.0	16.8	16.4	17.2	17.5	16.2	17.0	16.6	17.3	17.7	
	4H	16.6	17.3	17.0	17.7	18.0	16.7	17.4	17.1	17.8	18.1	
	6H	17.1	17.7	17.5	18.1	18.5	17.1	17.8	17.5	18.1	18.5	
8H	8H	17.3	17.8	17.7	18.2	18.6	17.3	17.9	17.7	18.3	18.7	
	12H	17.4	17.9	17.9	18.4	18.8	17.5	18.0	17.9	18.4	18.8	
	2H	16.7	17.3	17.1	17.7	18.1	16.8	17.4	17.2	17.8	18.2	
	4H	17.3	17.8	17.8	18.2	18.7	17.4	17.9	17.8	18.3	18.7	
	6H	17.6	18.1	18.1	18.5	19.0	17.7	18.1	18.1	18.5	19.0	
12H	12H	17.9	18.3	18.4	18.7	19.2	17.9	18.3	18.4	18.7	19.2	
	4H	16.7	17.3	17.2	17.7	18.1	16.8	17.3	17.3	17.8	18.2	
	6H	17.4	17.8	17.9	18.3	18.7	17.4	17.9	17.9	18.3	18.8	
	8H	17.7	18.1	18.2	18.6	19.1	17.8	18.1	18.3	18.6	19.1	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.4 / -0.4					+0.4 / -0.4					
S = 1.5H		+0.5 / -1.0					+0.5 / -1.1					
S = 2.0H		+1.2 / -1.5					+1.2 / -1.5					
Standard table		BK04					BK04					
Correction Summand		-3.7					-3.6					
Corrected Glare Indices referring to 3100lm Total Luminous Flux												

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Room 1 / Summary



Height of Room: 2.800 m, Mounting Height: 2.800 m, Maintenance factor: 0.80

Values in Lux, Scale 1:372

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$
Workplane	/	579	22	1467	0.039
Floor	67	455	11	1227	0.025
Ceiling	70	168	13	339	0.079
Walls (8)	50	219	4.60	605	/

Workplane:

Height: 0.750 m
Grid: 128 x 128 Points
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.357, Ceiling / Working Plane: 0.291.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	30	OMS, a.s Aug20 PRETTUS II M MRE 24W 2750lm 830 (1.000)	2750	2750	24.0
2	27	OMS, a.s Dec20 LAMBDA LED SFD M 26W 3450lm 830 (1.000)	3450	3450	26.0
3	6	OMS, a.s Jul 21 MILINE Recessed PR1 LWL 18W 2550lm 830 (1.000)	2550	2550	18.0
4	18	OMS, a.s Jul 21 MILINE Recessed PV1 LWL 22W 3250lm 840 (1.000)	3250	3250	22.0
5	6	OMS, a.s Jul 21 MILINE Recessed PV1 LWL 27W 3650lm 830 (1.000)	3650	3650	27.0
6	15	OMS, a.s Jul 21 MILINE Recessed PV1 LWL 27W 3800lm 840 (1.000)	3800	3800	27.0



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Room 1 / Summary**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
7	54	OMS, a.s Maj18 GACRUX XTP PV1 MCD 37W 3100lm 830 (1.000)	3100	3100	37.0
Total:			495720	495750	4491.0

Specific connected load: $6.42 \text{ W/m}^2 = 1.11 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 699.92 m^2)



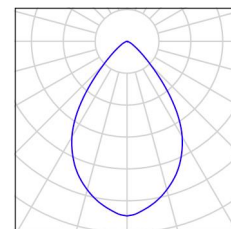
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Room 1 / Luminaire parts list

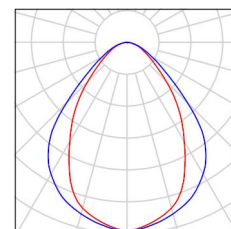
30 Pieces OMS, a.s Aug20 PRETTUS II M MRE 24W
2750lm 830
Article No.: Aug20
Luminous flux (Luminaire): 2750 lm
Luminous flux (Lamps): 2750 lm
Luminaire Wattage: 24.0 W
Luminaire classification according to CIE: 100
CIE flux code: 83 98 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



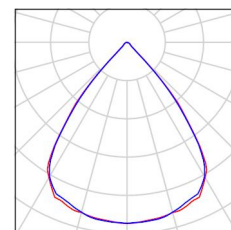
27 Pieces OMS, a.s Dec20 LAMBDA LED SFD M 26W
3450lm 830
Article No.: Dec20
Luminous flux (Luminaire): 3450 lm
Luminous flux (Lamps): 3450 lm
Luminaire Wattage: 26.0 W
Luminaire classification according to CIE: 100
CIE flux code: 67 91 98 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



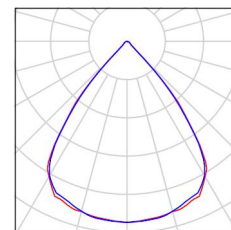
6 Pieces OMS, a.s Jul 21 MILINE Recessed PR1 LWL
18W 2550lm 830
Article No.: Jul 21
Luminous flux (Luminaire): 2550 lm
Luminous flux (Lamps): 2550 lm
Luminaire Wattage: 18.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



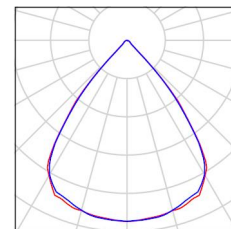
18 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
22W 3250lm 840
Article No.: Jul 21
Luminous flux (Luminaire): 3250 lm
Luminous flux (Lamps): 3250 lm
Luminaire Wattage: 22.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



6 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
27W 3650lm 830
Article No.: Jul 21
Luminous flux (Luminaire): 3650 lm
Luminous flux (Lamps): 3650 lm
Luminaire Wattage: 27.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





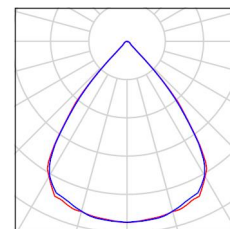
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Room 1 / Luminaire parts list

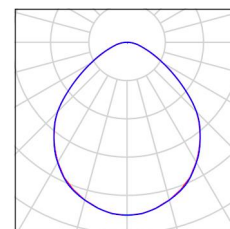
15 Pieces OMS, a.s Jul 21 MILINE Recessed PV1 LWL
27W 3800lm 840
Article No.: Jul 21
Luminous flux (Luminaire): 3800 lm
Luminous flux (Lamps): 3800 lm
Luminaire Wattage: 27.0 W
Luminaire classification according to CIE: 100
CIE flux code: 90 99 100 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



54 Pieces OMS, a.s Maj18 GACRUX XTP PV1 MCD 37W
3100lm 830
Article No.: Maj18
Luminous flux (Luminaire): 3100 lm
Luminous flux (Lamps): 3100 lm
Luminaire Wattage: 37.0 W
Luminaire classification according to CIE: 100
CIE flux code: 58 88 97 100 100
Fitting: 1 x LED (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.

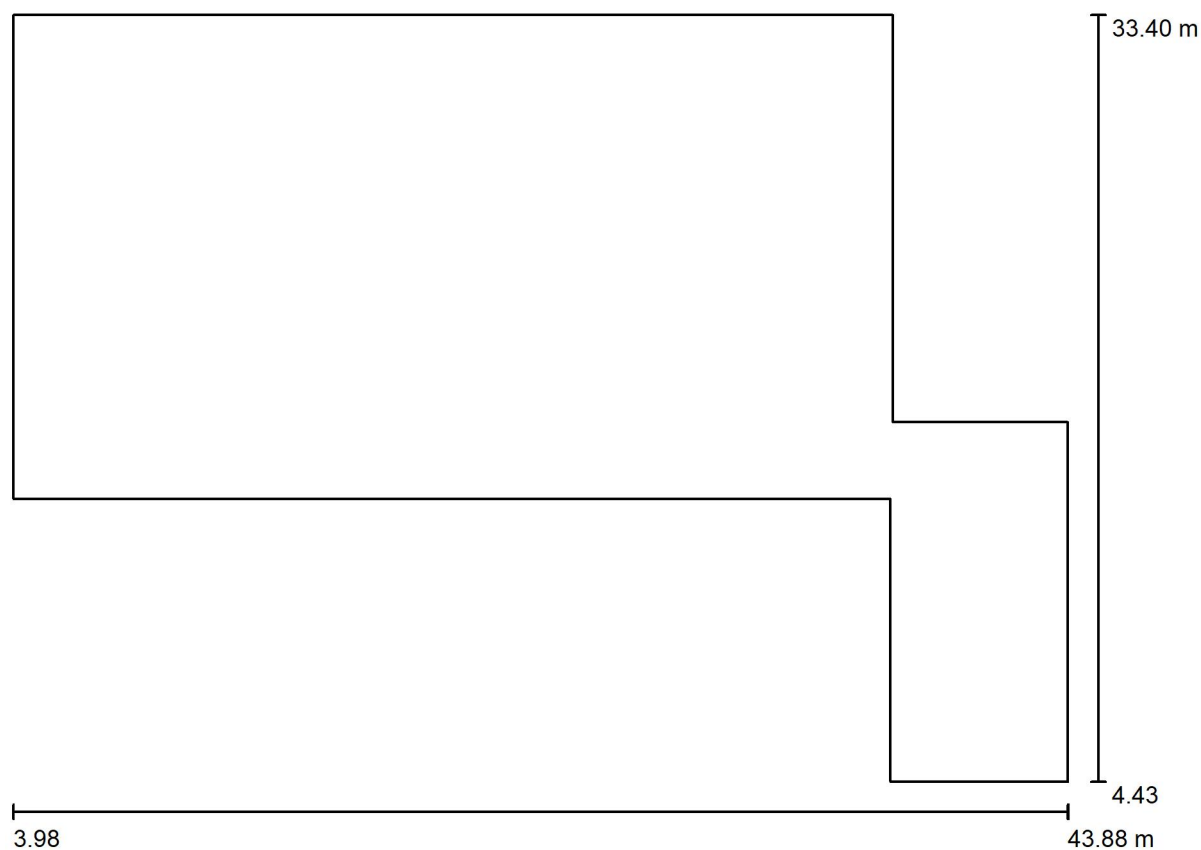




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Room 1 / Floor plan



Scale 1 : 286



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Room 1 / Photometric Results

 Total Luminous Flux: 495720 lm
 Total Load: 4491.0 W
 Maintenance factor: 0.80
 Boundary Zone: 0.500 m

Surface	Average illuminances [lx]			Reflection factor [%]	Average luminance [cd/m²]
	direct	indirect	total		
Workplane	461	118	579	/	/
16 - Telocvičňa	459	119	578	/	/
17- Telocvičňa deti	486	91	578	/	/
22 Denná miestnosť	331	94	426	/	/
23 - Telocvičňa	468	133	601	/	/
25 - Vrchná sestra	962	170	1132	/	/
28 - Ambulancia	934	157	1091	/	/
14 - Chodba	378	83	462	/	/
9 - Rázová vlna	539	142	681	/	/
8 - Laser	539	157	696	/	/
7b- Šatňa	632	111	742	/	/
6b- Šatňa	643	136	779	/	/
7 - Telocvičňa	429	135	564	/	/
10 - Masáže	623	141	763	/	/
11 - Masáže	623	166	789	/	/
6 - Vodoliečba	707	182	888	/	/
3 - Teploliečba	590	183	773	/	/
2 - Ambulancia	836	159	996	/	/
1 - Čakáreň	406	90	496	/	/
01 - Elektroliečba	548	110	659	/	/
01a - Magnetoterapia	598	112	710	/	/
01b - Magnetoterapia	612	113	725	/	/
Floor	336	118	455	67	97
Ceiling	0.07	168	168	70	37
Wall 1	98	189	286	50	46
Wall 2	17	41	58	50	9.23
Wall 3	88	152	240	50	38
Wall 4	26	61	88	50	14



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Room 1 / Photometric Results

Surface	Average illuminances [lx]			Reflection factor [%]	Average luminance [cd/m ²]
	direct	indirect	total		
Wall 5	80	163	244	50	39
Wall 6	40	169	209	50	33
Wall 7	92	173	265	50	42
Wall 8	70	128	199	50	32

Uniformity on the working plane

u0: 0.039 (1:26)

E_{min} / E_{max}: 0.015 (1:65)

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.357, Ceiling / Working Plane: 0.291.

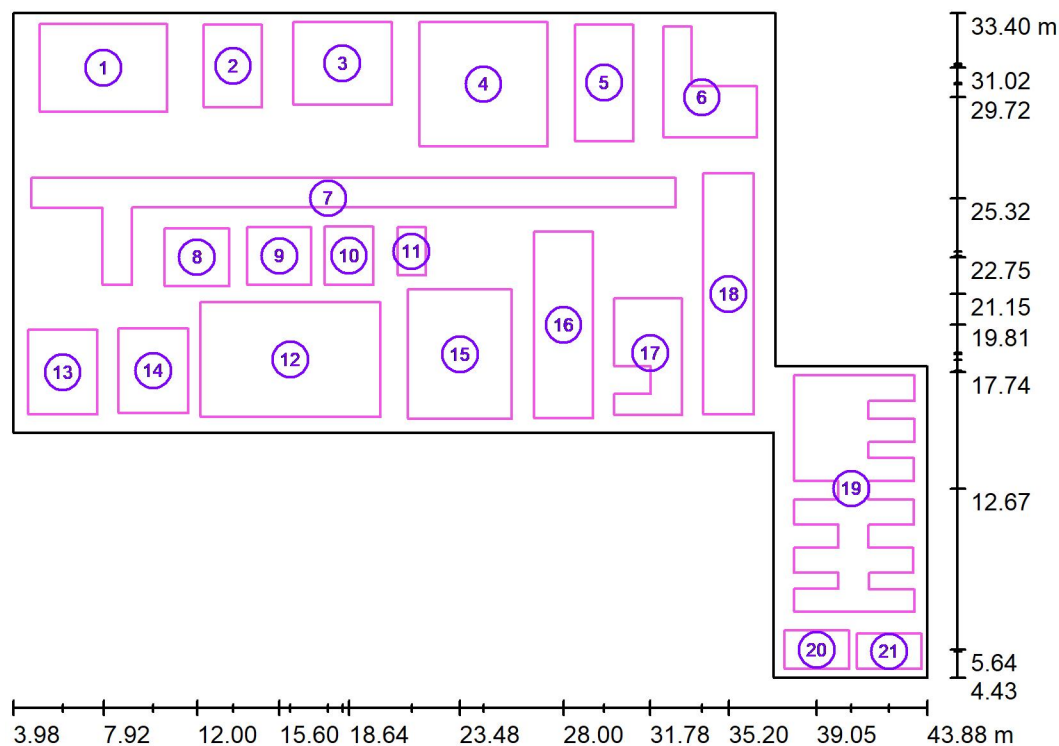
Specific connected load: 6.42 W/m² = 1.11 W/m²/100 lx (Ground area: 699.92 m²)



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Room 1 / Calculation surfaces (results overview)



Scale 1 : 330

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
1	16 - Telocvičňa	perpendicular	32 x 32	578	416	716	0.720	0.582
2	17- Telocvičňa deti	perpendicular	32 x 32	578	332	747	0.574	0.444
3	22 Denná miestnosť	perpendicular	16 x 16	426	306	486	0.719	0.630
4	23 - Telocvičňa	perpendicular	32 x 32	601	386	759	0.642	0.509
5	25 - Vrchná sestra	perpendicular	16 x 32	1132	601	1457	0.531	0.412
6	28 - Ambulancia	perpendicular	32 x 32	1091	640	1385	0.587	0.463
7	14 - Chodba	perpendicular	128 x 64	462	280	681	0.607	0.411
8	9 - Rázová vlna	perpendicular	16 x 16	681	491	820	0.720	0.598
9	8 - Laser	perpendicular	16 x 16	696	517	833	0.743	0.621



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Room 1 / Calculation surfaces (results overview)

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
10	7b- Šatňa	perpendicular	16 x 16	742	357	999	0.481	0.357
11	6b- Šatňa	perpendicular	16 x 16	779	537	923	0.690	0.582
12	7 - Telocvičňa	perpendicular	32 x 32	564	351	697	0.623	0.504
13	10 - Masáže	perpendicular	16 x 16	763	491	960	0.643	0.511
14	11 - Masáže	perpendicular	16 x 16	789	514	975	0.651	0.527
15	6 - Vodoliečba	perpendicular	16 x 16	888	539	1110	0.606	0.486
16	3 - Teploliečba	perpendicular	16 x 32	773	459	910	0.593	0.504
17	2 - Ambulancia	perpendicular	32 x 32	996	496	1359	0.498	0.365
18	1 - Čakáreň	perpendicular	16 x 64	496	254	661	0.513	0.385
19	01 - Elektroliečba	perpendicular	32 x 64	659	332	849	0.504	0.391
20	01a - Magnetoterapia	perpendicular	16 x 16	710	474	908	0.668	0.523
21	01b - Magnetoterapia	perpendicular	16 x 8	725	427	926	0.590	0.462

Summary of Results

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
perpendicular	21	673	254	1457	0.38	0.17



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Room 1 / 3D Rendering

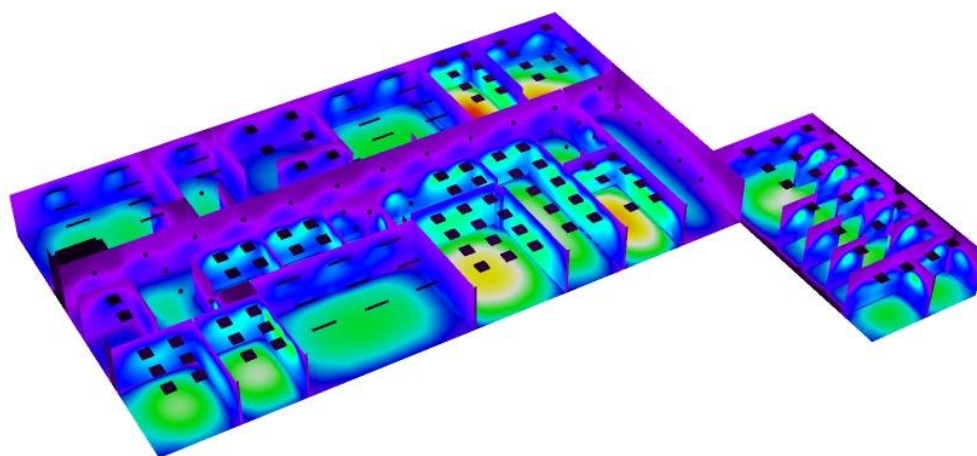




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Room 1 / False Colour Rendering



0	156.25	312.50	468.75	625	781.25	937.50	1093.75	1250	lx

