

REKONŠTRUKCIA ZÁKLADNEJ ŠKOLY ZLATÁ ROŽŇAVA

Partner for Contact: Mesto Rožňava
Order No.: 20160074
Company:
Customer No.:

Date: 22.02.2016
Operator: B. Veselko

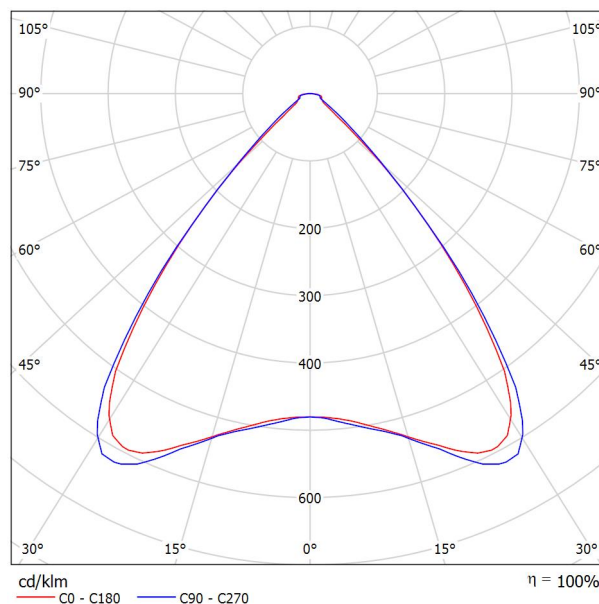
XTREM energetika s.r.o
Stará Sobôtka 118
979 01 Rimavská Sobota

Operator B. Veselko
Telephone 0917 617 410, 0918 996 865
Fax
e-Mail xtremenergetika@gmail.com,
branoveselko@gmail.com

XTREM energetika, s.r.o. 12/2/2016/SL STZ MLS 105W / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



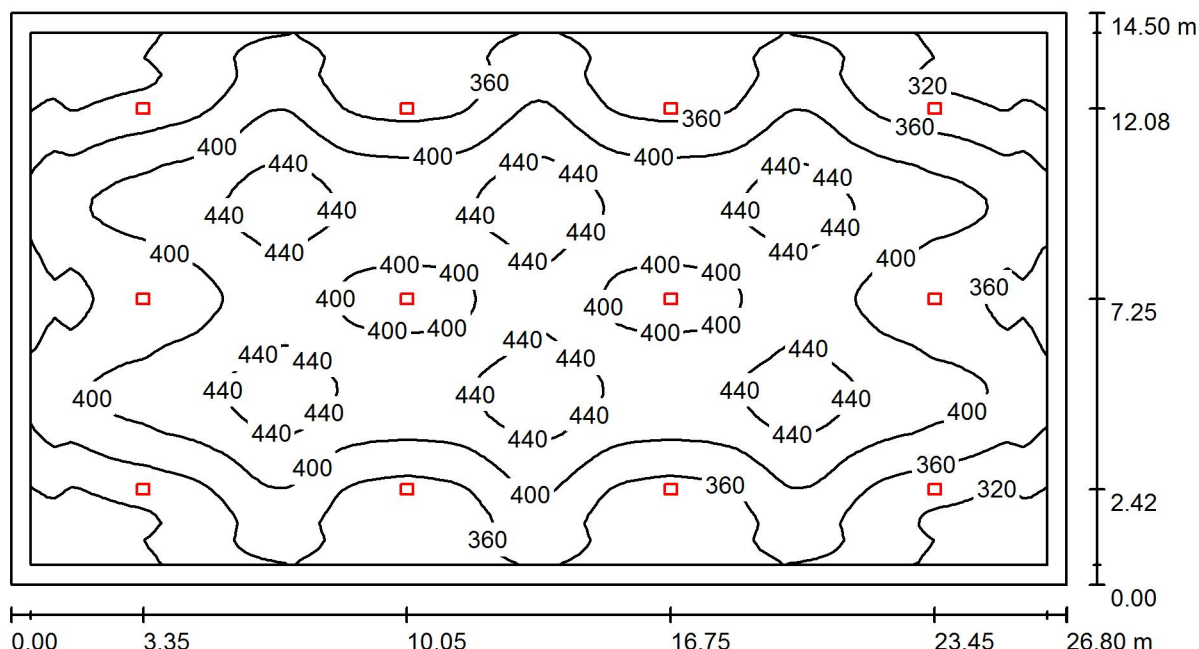
Luminaire classification according to CIE: 100
CIE flux code: 82 96 99 100 100

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

XTREM energetika s.r.o
Stará Sobôtka 118
979 01 Rimavská Sobota

Operator B. Veselko
Telephone 0917 617 410, 0918 996 865
Fax
e-Mail xtremenergetika@gmail.com,
branoveselko@gmail.com

Telocvična / Summary



Height of Room: 6.800 m, Mounting Height: 6.800 m, Maintenance factor: 0.80

Values in Lux, Scale 1:192

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	388	294	465	0.758
Floor	45	372	261	469	0.701
Ceiling	70	186	136	221	0.733
Walls (4)	78	215	138	332	/

Workplane:

Height: 0.750 m
Grid: 128 x 64 Points
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.543, Ceiling / Working Plane: 0.479.
Proportion of points with less than 400 lx (for IEQ-7): 57.32%.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	12	XTREM energetika, s.r.o. 12/2/2016/SL STZ MLS 105W (Type 1)* (1.000)	11908	11914	98.0
*Modified Technical Specifications			Total: 142896	Total: 142968	1176.0

Specific connected load: $3.03 \text{ W/m}^2 = 0.78 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 388.60 m^2)

XTREM energetika s,r,o
Stará Sobôtka 118
979 01 Rimavská Sobota

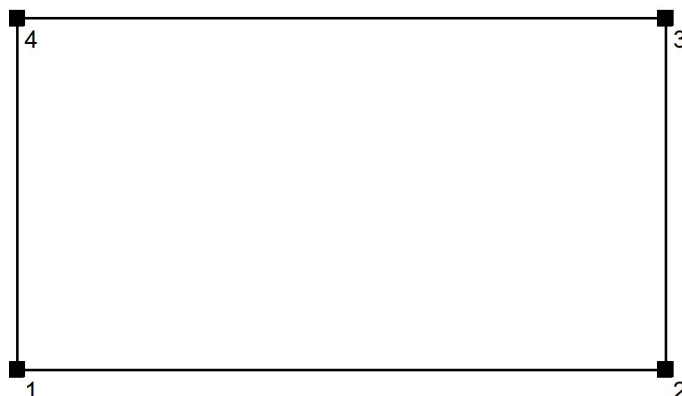
Operator B. Veselko
Telephone 0917 617 410, 0918 996 865
Fax
e-Mail xtremenergetika@gmail.com,
branoveselko@gmail.com

Telocvičňa / Input Protocol

Height of working plane: 0.750 m
Boundary Zone: 0.500 m

Maintenance factor: 0.80

Height of Room: 6.800 m
Ground area: 388.60 m²



Surface	Rho [%]	from ([m] [m])	towards ([m] [m])	Length [m]
Floor	45	/	/	/
Ceiling	70	/	/	/
Wall 1	78	(0.000 0.000)	(26.800 0.000)	26.800
Wall 2	78	(26.800 0.000)	(26.800 14.500)	14.500
Wall 3	78	(26.800 14.500)	(0.000 14.500)	26.800
Wall 4	78	(0.000 14.500)	(0.000 0.000)	14.500

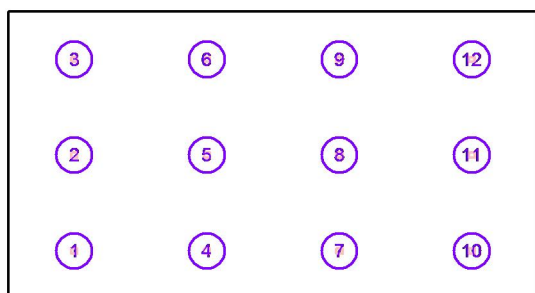
XTREM energetika s.r.o
 Stará Sobôtka 118
 979 01 Rimavská Sobota

Operator B. Veselko
 Telephone 0917 617 410, 0918 996 865
 Fax
 e-Mail xtremenergetika@gmail.com,
 branoveselko@gmail.com

Telocvičňa / Luminaires (coordinates list)

XTREM energetika, s.r.o. 12/2/2016/SL STZ MLS 105W (Type 1)

11908 lm, 98.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	3.350	2.420	6.800	0.0	0.0	90.0
2	3.350	7.250	6.800	0.0	0.0	90.0
3	3.350	12.080	6.800	0.0	0.0	90.0
4	10.050	2.420	6.800	0.0	0.0	90.0
5	10.050	7.250	6.800	0.0	0.0	90.0
6	10.050	12.080	6.800	0.0	0.0	90.0
7	16.750	2.420	6.800	0.0	0.0	90.0
8	16.750	7.250	6.800	0.0	0.0	90.0
9	16.750	12.080	6.800	0.0	0.0	90.0
10	23.450	2.420	6.800	0.0	0.0	90.0
11	23.450	7.250	6.800	0.0	0.0	90.0
12	23.450	12.080	6.800	0.0	0.0	90.0