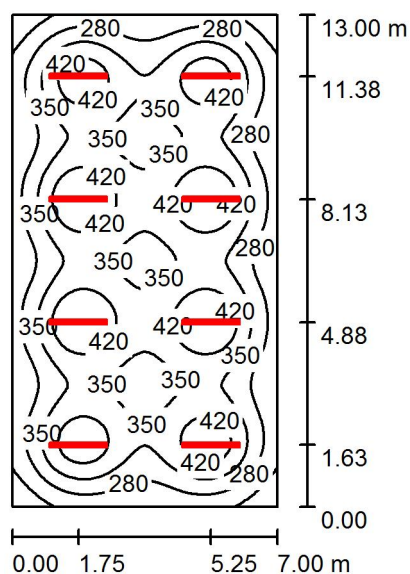


"МИКРА ПРОЕКТ" ЕООД

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ЦДГ "Зорница", гр. Стара Загора - физкултурен салон / Summary



Height of Room: 3.650 m, Mounting Height: 3.150 m, Light loss factor: 0.80

Values in Lux, Scale 1:200

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$
Workplane	/	348	148	493	0.426
Floor	20	315	174	381	0.553
Ceiling	70	98	58	205	0.585
Walls (4)	50	142	68	212	/

Workplane:

Height: 0.850 m
 Grid: 64 x 128 Points
 Boundary Zone: 0.000 m

UGR

Left Wall
 Lower Wall
 (CIE, SHR = 0.25.)

Lengthways-
 Across
 to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.389, Ceiling / Working Plane: 0.283.
 Proportion of points with less than 400 lx (for IEQ-7): 76.53%.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	Zumtobel 42182210 ECOOS TEC LED6000-840 L1500 LDO [STD] (1.000)	5610	5610	60.0
Total:			44880	44880	480.0

Specific connected load: $5.27 \text{ W/m}^2 = 1.52 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 91.00 m^2)