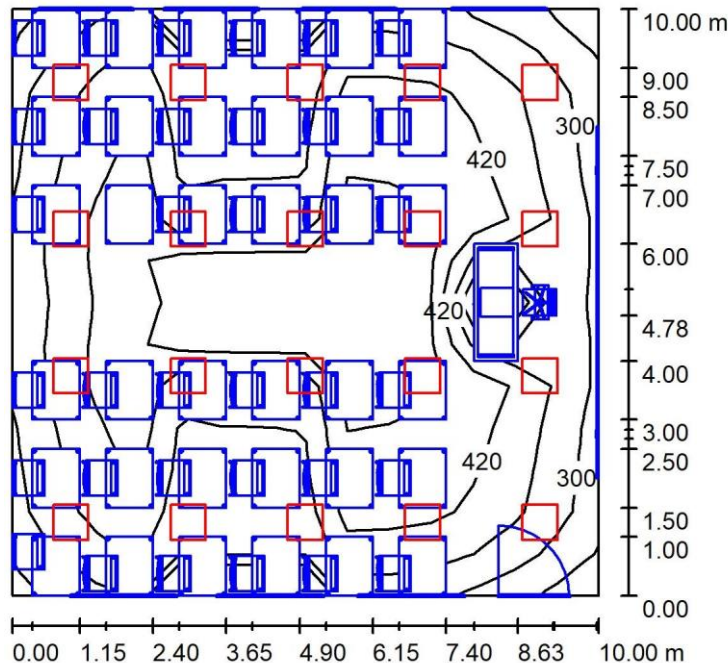


Project 1

24.12.2019

Operator محمد إبراهيم جاد سعد
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Room 1 / Summary



Height of Room: 3.500 m, Mounting Height: 3.551 m, Maintenance factor: 0.80

Values in Lux, Scale 1:129

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	412	230	512	0.558
Floor	10	223	40	446	0.179
Ceiling	80	85	55	109	0.647
Walls (4)	50	150	14	325	/

Workplane:

Height: 0.850 m
Grid: 14 x 14 Points
Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.399, Ceiling / Working Plane: 0.208.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	20	PHILIPS TBS165 G 4xTL5-14W HFS M2_830 (1.000)	2880	4800	61.0
Total: 57600			Total: 96000		

Specific connected load: $12.20 \text{ W/m}^2 = 2.96 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 100.00 m^2)