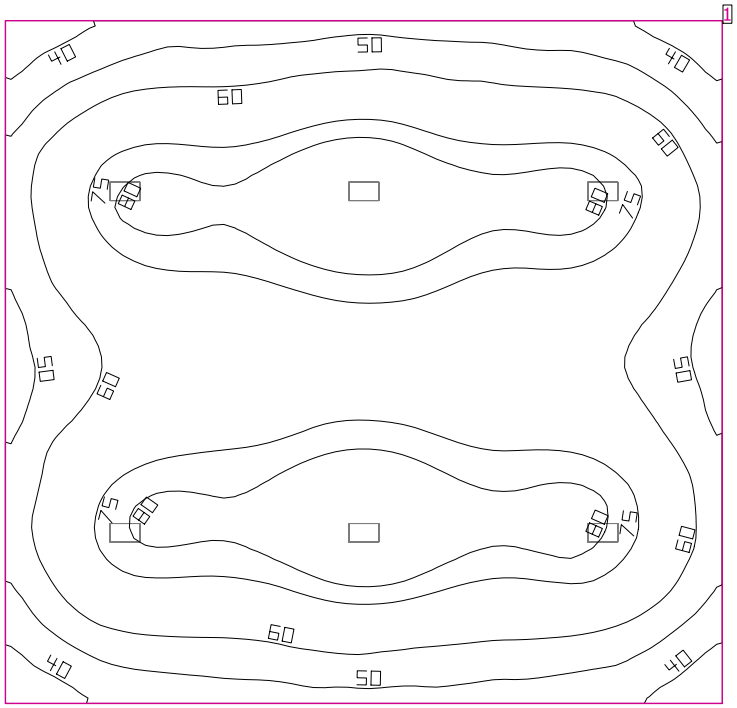
Room 1



Clearance height: 15.500 ft, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Light loss factor: 0.90

Workplane

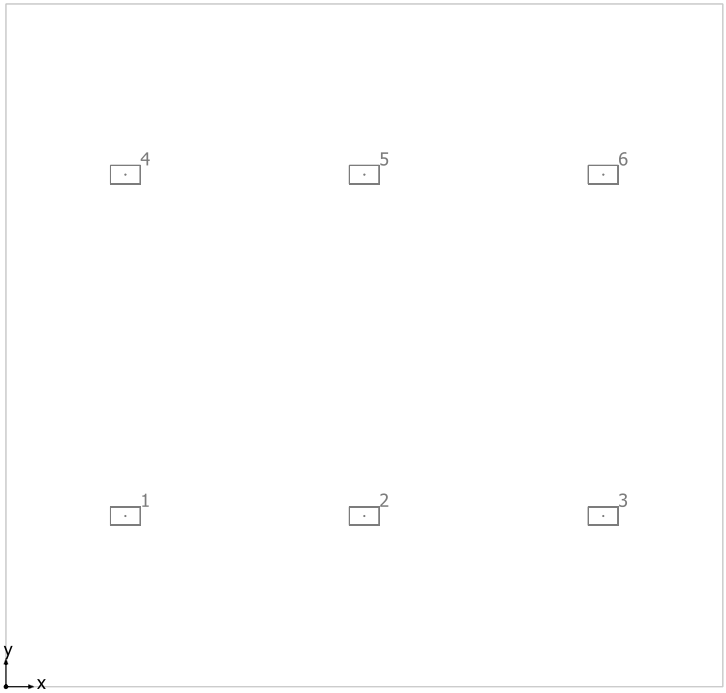
	Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1	Workplane 1	Perpendicular illuminance (adaptive) [fc] Height: 2.500 ft, Wall zone: 0.000 ft	66.53 (≥ 92.90)	30.93	88.88	2.15	2.87

#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
6	Lithonia Lighting - IBH 15000LM SD080 MD OZ10 30K 80CRI IBH 15,000Lumens Semi-Diffuse Acylic Lens, Medium Distribution,OZ10 Driver, 3000K, 80CRI	24563	165.0	148.9
	Total via all luminaires	147378	990.0	148.9

Lighting power density: 0.59 W/sq ft = 0.08 W/sq ft/10 fc (Floor area of room 1680.04 sq ft)

The energy consumption quantities refer to the lights planned for the room without taking into account light scenes and their dimming levels.
Consumption: 2250 kWh/a of maximum 5500 kWh/a

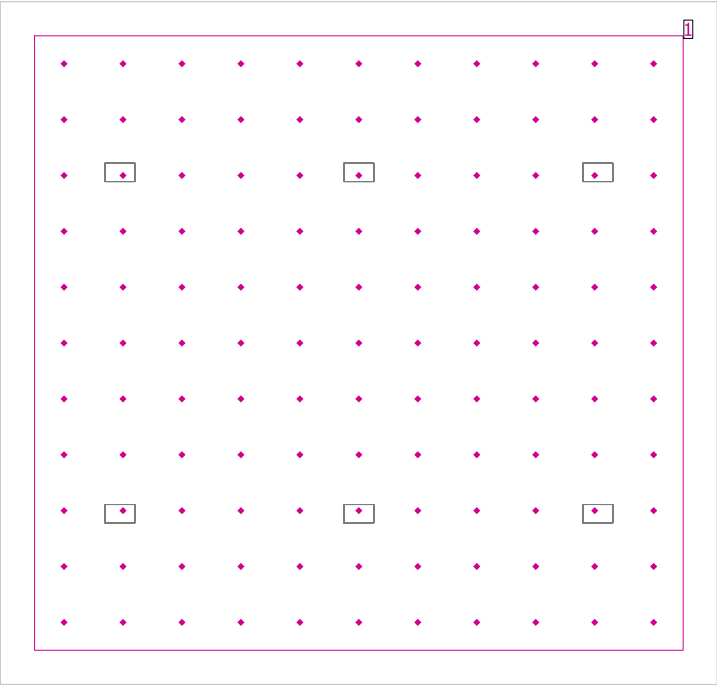
Room 1



Lithonia Lighting IBH 15000LM SD080 MD OZ10 30K 80CRI IBH 15,000Lumens Semi-Diffuse Acylic Lens, Medium Distribution,OZ10 Driver, 3000K, 80CRI

No.	X [ft]	Y [ft]	Mounting height [ft]
1	7.000	10.000	15.500
2	21.000	10.000	15.500
3	35.000	10.000	15.500
4	7.000	30.000	15.500
5	21.000	30.000	15.500
6	35.000	30.000	15.500

Room 1

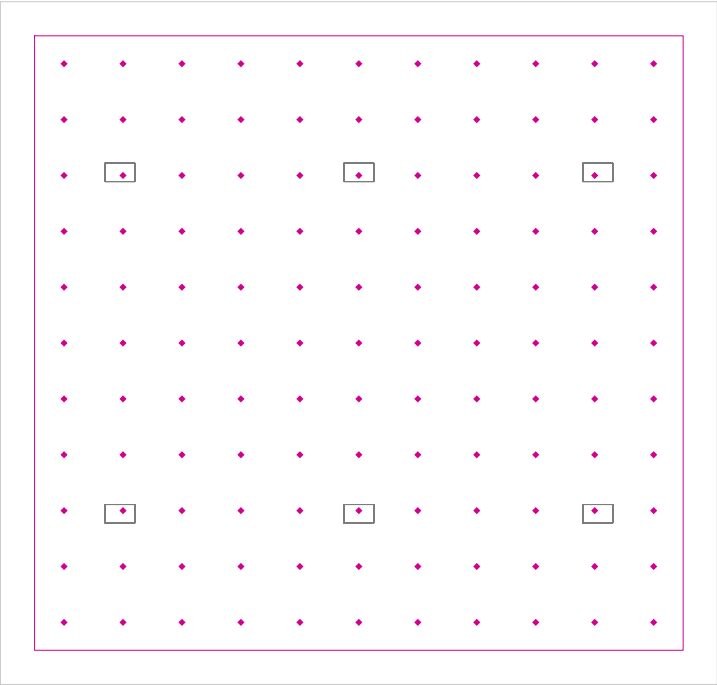


Clearance height: 15.500 ft, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Light loss factor: 0.90

Glare valuation

	Surface	Result	Min	Max	Threshold value
1	Calculation surface 2	UGR Height: 5.250 ft	<10	28.2	≤25.0

Calculation surface 2 / UGR



Calculation surface 2: UGR (Grid)
Light scene: Light scene 1
Strongest glare at: 210°, Max: >25.0, Threshold value: ≤25.0, Viewing sector: 0° - 360°, Step width: 15°, Height: 5.250 ft