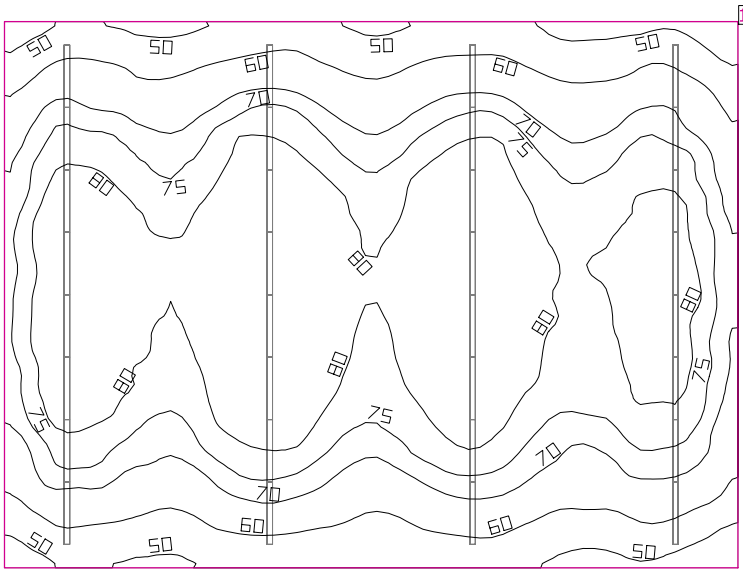


## Room 1



Clearance height: 12.000 ft, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Light loss factor: 0.90

### Workplane

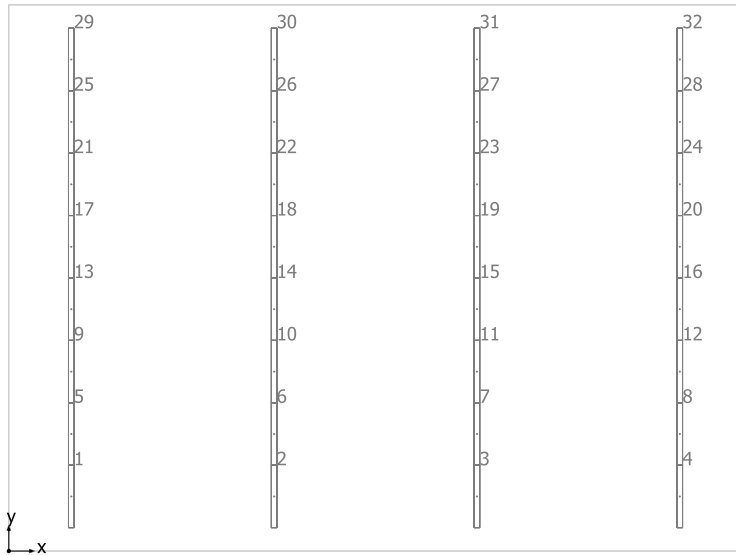
Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Workplane 1	Perpendicular illuminance (adaptive) [fc] Height: 2.500 ft, Wall zone: 0.000 ft	72.67 (≥ 92.90)	41.02	89.90	1.77	2.19

#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
32	JAMES INDUSTRY GROUP CO LTD - ZY-T8-18W1200 BINT 5000K 2- LED TUBES	5319	36.0	147.8
Total via all luminaires		170208	1152.0	147.8

Lighting power density: 0.70 W/sq ft = 0.09 W/sq ft/10 fc (Floor area of room 1645.04 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: 2600 kWh/a of maximum 5400 kWh/a

## Room 1



### JAMES INDUSTRY GROUP CO LTD ZY-T8-18W1200 BINT 5000K 2-LED TUBES

No.	X [ft]	Y [ft]	Mounting height [ft]
1	4.000	3.500	12.000
2	17.000	3.500	12.000
3	30.000	3.500	12.000
4	43.000	3.500	12.000
5	4.000	7.500	12.000
6	17.000	7.500	12.000
7	30.000	7.500	12.000
8	43.000	7.500	12.000
9	4.000	11.500	12.000
10	17.000	11.500	12.000
11	30.000	11.500	12.000
12	43.000	11.500	12.000
13	4.000	15.500	12.000
14	17.000	15.500	12.000
15	30.000	15.500	12.000
16	43.000	15.500	12.000
17	4.000	19.500	12.000
18	17.000	19.500	12.000
19	30.000	19.500	12.000
20	43.000	19.500	12.000
21	4.000	23.500	12.000
22	17.000	23.500	12.000
23	30.000	23.500	12.000
24	43.000	23.500	12.000

No.	X [ft]	Y [ft]	Mounting height [ft]
25	4.000	27.500	12.000
26	17.000	27.500	12.000
27	30.000	27.500	12.000
28	43.000	27.500	12.000
29	4.000	31.500	12.000
30	17.000	31.500	12.000
31	30.000	31.500	12.000
32	43.000	31.500	12.000