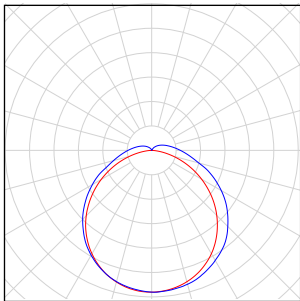


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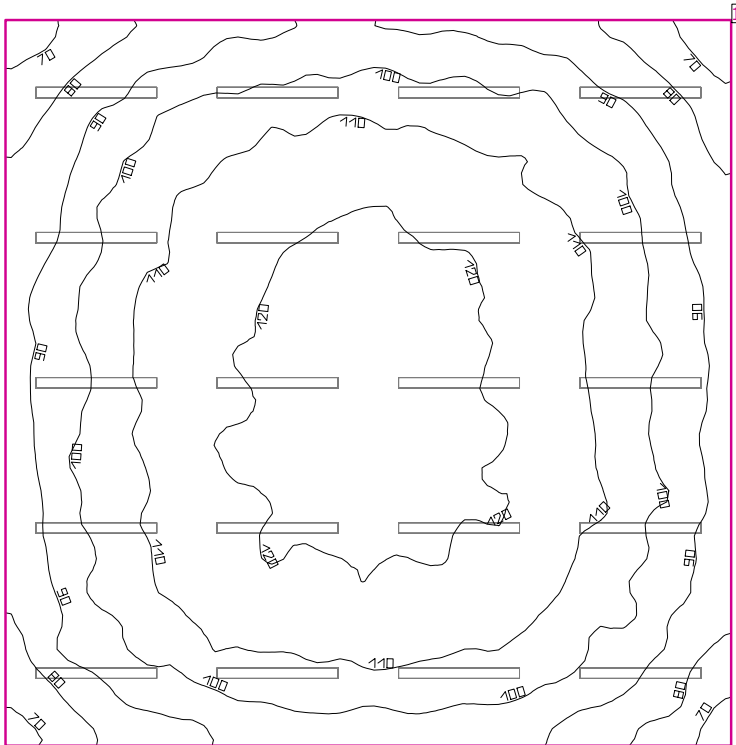
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LivenLife LumeGen

Quantity	Luminaire (Luminous emittance)		
20	<p>JAMES INDUSTRY GROUP CO LTD - ZY-T8-18W1200 BINT 5000K 2-LED TUBES Luminous emittance 1 Fitting: 1x, 1x Light output ratio: 99.99% Lamp luminous flux: 5280 lm Luminaire luminous flux: 5279 lm Power: 44.0 W Luminous efficacy: 120.0 lm/W</p> <p>Colorimetric data 1x: CCT 5000 K, CRI 86</p>	<p>See our luminaire catalog for an image of the luminaire.</p>	

Total lamp luminous flux: 105600 lm, Total luminaire luminous flux: 105580 lm, Total Load: 880.0 W, Luminous efficacy: 120.0 lm/W

Room 1



Clearance height: 12.000 ft to 14.000 ft, Reflection factors: Ceiling 70.0%, Walls 50.0%, Floor 20.0%, Light loss factor: 0.90

Workplane

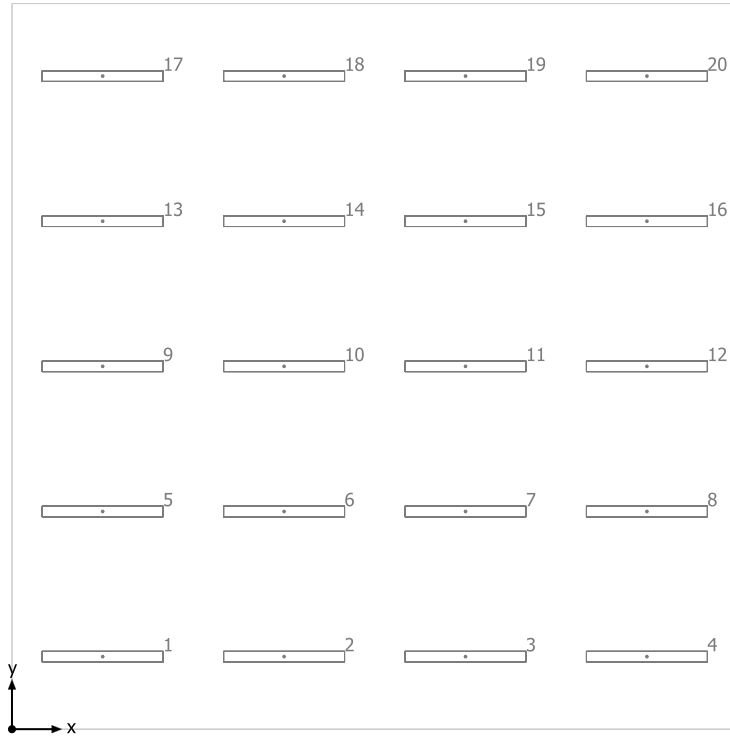
Surface	Result	Average (Target)	Min	Max	Mean/Min	Max/Min
1 Workplane 1	Perpendicular illuminance (adaptive) [fc] Height: 2.500 ft, Wall zone: 0.000 ft	104 (≥ 92.90)	62.61	127	1.66	2.03

#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
20	JAMES INDUSTRY GROUP CO LTD - ZY-T8-18W1200 BINT 5000K 2- LED TUBES	5279	44.0	120.0
Total via all luminaires		105580	880.0	120.0

Lighting power density: 1.53 W/sq ft = 0.14 W/sq ft/10 fc (Floor area of room 576.01 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: 2000 kWh/a of maximum 1900 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	3.000	2.400	12.000
2	9.000	2.400	12.000
3	15.000	2.400	12.000
4	21.000	2.400	12.000
5	3.000	7.200	12.750
6	9.000	7.200	12.750
7	15.000	7.200	12.750
8	21.000	7.200	12.750
9	3.000	12.000	13.500
10	9.000	12.000	13.500
11	15.000	12.000	13.500
12	21.000	12.000	13.500
13	3.000	16.800	12.750
14	9.000	16.800	12.750
15	15.000	16.800	12.750
16	21.000	16.800	12.750
17	3.000	21.600	12.000
18	9.000	21.600	12.000

No.	X [ft]	Y [ft]	Mounting height [ft]
19	15.000	21.600	12.000
20	21.000	21.600	12.000
