

Light calculation

Customer Monsees
 Dealer
 Dimensions 1 X 1.5' X 3'
 Calculation number 1
 Date 15-12-2000
 Drawing number

Luminaire information:

no	type	luminous flux [lm]	x [ft]	y [ft]	z [ft]	rx	ry	rz
0	PL2000 MIDI 250W Grid: 3 x 3 armatures, configuration: 3.00 ft x 1.50 ft	27000	3.00	1.50	2.00	0.00	0.00	90.00

Illumination:

average (Eav):	3124 fcd
minimum (Emin):	2832 fcd
maximum (Emax):	3371 fcd
Emin/Emax:	84.0 %
Emin/Eav:	90.7 %

Calculation plane:

2832	2836	2848	2942	3078	3108	3121	3073	2944	2875	2834
2870	2900	2923	3013	3135	3190	3189	3130	3029	2945	2872
2959	2961	3009	3101	3195	3254	3274	3235	3121	3016	2962
3015	3027	3067	3169	3251	3311	3320	3308	3189	3081	3020
3052	3069	3109	3196	3279	3309	3351	3326	3238	3124	3057
3061	3062	3119	3217	3299	<u>3322</u>	3364	3371	3262	3143	3067
3052	3069	3109	3196	3279	3309	3351	3326	3238	3124	3057
3015	3027	3067	3169	3251	3311	3320	3308	3189	3081	3020
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2832	2836	2848	2942	3078	3108	3121	3073	2944	2875	2834

Fixtures vertical in tabel.

The underlined numbers show the position of the Fixtures in the calculation field.

This calculation is made with one exact measured light fixture in a perfect condition.

Because of this you may experience some variance in lightlevel due to voltage loss, dust, mounting, temperature, greenhouse installation and tolerance of bulb and ballast unit.