

## Light calculation

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Customer Monsees  
 Dealer  
 Dimensions 1 X 4' X 4'  
 Calculation number 1  
 Date 14-12-2000  
 Drawing number

### Luminaire information:

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no	type	luminous flux [lm]	x [ft]	y [ft]	z [ft]	rx	ry	rz
0	PL2000 DEEP 600W Grid: 3 x 3 armatures, configuration: 4.00 ft x 4.00 ft	87000	4.00	4.00	2.50	0.00	0.00	90.00

### Illumination:

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average (Eav):	<b>4692 fcd</b>
minimum (Emin):	<b>4379 fcd</b>
maximum (Emax):	<b>4969 fcd</b>
Emin/Emax:	<b>88.1 %</b>
Emin/Eav:	<b>93.3 %</b>

### Calculation plane:

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4920	4909	4834	4577	4487	4489	4590	4636	4840	4885	4940
4901	4874	4775	4586	4478	4518	4599	4666	4754	4842	4920
4742	4781	4714	4618	4599	4721	4699	4685	4670	4731	4759
4592	4666	4680	4695	4754	4860	4800	4703	4590	4556	4606
4458	4591	4658	4757	4877	4969	4921	4729	4534	4437	4471
4445	4575	4615	4747	4833	<b><u>4903</u></b>	4789	4649	4443	4379	4456
4458	4591	4658	4757	4877	4969	4921	4729	4534	4437	4471
4592	4666	4680	4695	4754	4860	4800	4703	4590	4556	4606
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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.