

Light calculation

Customer Monsees
 Dealer
 Dimensions 1 X 3' X 5'
 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 600W Grid: 3 x 3 armatures, configuration: 3.00 ft x 5.00 ft | 87000 | 3.00 | 5.00 | 2.00 | 0.00 | 0.00 | 90.00 |

Illumination:

| | |
|-----------------|----------|
| average (Eav): | 4858 fcd |
| minimum (Emin): | 4531 fcd |
| maximum (Emax): | 5199 fcd |
| Emin/Emax: | 87.1 % |
| Emin/Eav: | 93.3 % |

Calculation plane:

| | | | | | | | | | | |
|------|------|------|------|------|-------------|------|------|------|------|------|
| 4564 | 4592 | 4612 | 4613 | 4588 | 4531 | 4591 | 4611 | 4593 | 4585 | 4573 |
| 4789 | 4857 | 4892 | 4945 | 4927 | 4851 | 4926 | 4941 | 4884 | 4850 | 4796 |
| 4858 | 4899 | 4967 | 4967 | 4989 | 4933 | 5002 | 4995 | 4986 | 4921 | 4863 |
| 4765 | 4739 | 4744 | 4838 | 4895 | 4948 | 4967 | 4964 | 4868 | 4810 | 4771 |
| 4647 | 4632 | 4598 | 4756 | 4972 | 5131 | 5168 | 5074 | 4865 | 4767 | 4655 |
| 4637 | 4590 | 4576 | 4778 | 5017 | <u>5180</u> | 5199 | 5138 | 4958 | 4781 | 4648 |
| 4647 | 4632 | 4598 | 4756 | 4972 | 5131 | 5168 | 5074 | 4865 | 4767 | 4655 |
| 4765 | 4739 | 4744 | 4838 | 4895 | 4948 | 4967 | 4964 | 4868 | 4810 | 4771 |
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| 4789 | 4857 | 4892 | 4945 | 4927 | 4851 | 4926 | 4941 | 4884 | 4850 | 4796 |
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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.