

Light calculation

Customer Monsses
 Dealer
 Dimensions 1 X 2.3' X 2.3'
 Calculation number 1

 Date 14-12-2000
 Drawing number

Luminaire information:

no	type	luminous flux [lm]	x [ft]	y [ft]	z [ft]	rx	ry	rz
0	PL2000 DEEP 250W Grid: 3 x 3 armatures, configuration: 2.30 ft x 2.30 ft	27000	2.30	2.30	2.00	0.00	0.00	90.00

Illumination:

average (Eav):	3962 fcd
minimum (Emin):	3742 fcd
maximum (Emax):	4079 fcd
Emin/Emax:	91.7 %
Emin/Eav:	94.4 %

Calculation plane:

3925	3940	3865	3810	3755	3742	3755	3810	3865	3940	3925
4010	3996	3932	3854	3801	3806	3801	3854	3932	3996	4010
4061	4075	4024	3949	3910	3885	3910	3949	4024	4075	4061
4053	4079	4079	4013	3945	3902	3945	4013	4079	4079	4053
3997	4021	4052	4023	3942	3930	3942	4023	4052	4021	3997
3965	3998	4023	4005	3909	<u>3921</u>	3909	4005	4023	3998	3965
3997	4021	4052	4023	3942	3930	3942	4023	4052	4021	3997
4053	4079	4079	4013	3945	3902	3945	4013	4079	4079	4053
4061	4075	4024	3949	3910	3885	3910	3949	4024	4075	4061
4010	3996	3932	3854	3801	3806	3801	3854	3932	3996	4010
3925	3940	3865	3810	3755	3742	3755	3810	3865	3940	3925

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.

1/2 (1 x 2.3' x 2.3')