

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp:

Sum Lumens: 2894.26 lm

Number of Lamps: 1

Diameter: 0mm

Length: 0mm

Photometric Type: Type C

Voltage: 221.8 V

Current: 0.1421 A

Power: 29.16 W

Power Factor: 0.925

Ballast Type:

Width: 0mm

Height: 0mm

Remark:

## Photometric Results

Lumens: 2894.26 lm

Efficiency: 100%

Central Intensity: 11946.5cd

Maximum Intensity: 11946.5cd

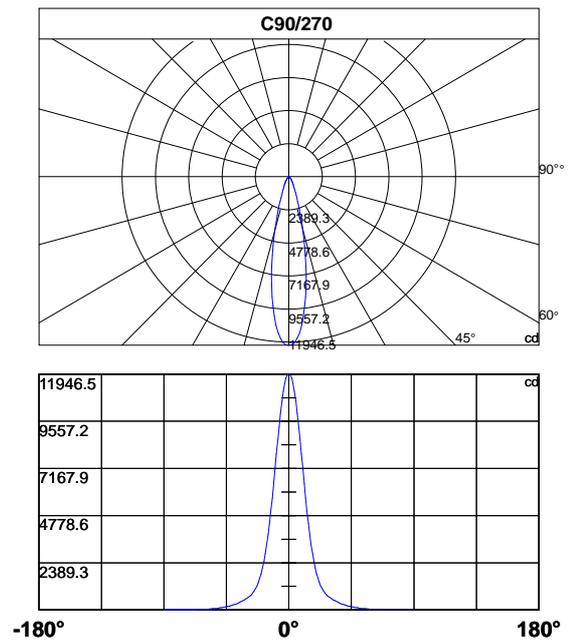
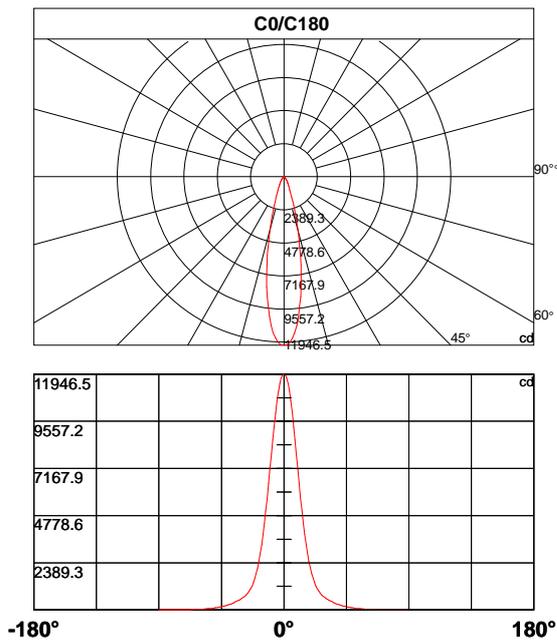
Beam Angle(10%): Left: -23.1 Right:23.1

Angle of maximum intensity: C:0.0 G:0.0

Half Peak Side Angle(50%): Left: -11.6 Right:11.6

Up Flux Rate: 0.0%

Down Flux Rate: 100.0%



**Photometric Data Table [cd]**

Cly	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	11946.5	11913.5	11759.3	11462.0	11087.7	10580.8	9968.4	9259.9	8608.1	7894.6
90.0	11946.5	11913.5	11759.3	11462.0	11087.7	10580.8	9968.4	9259.9	8608.1	7894.6
180.0	11946.5	11913.5	11759.3	11462.0	11087.7	10580.8	9968.4	9259.9	8608.1	7894.6
270.0	11946.5	11913.5	11759.3	11462.0	11087.7	10580.8	9968.4	9259.9	8608.1	7894.6
360.0	11946.5	11913.5	11759.3	11462.0	11087.7	10580.8	9968.4	9259.9	8608.1	7894.6

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	7130.8	6411.0	5671.3	5018.7	4382.2	3831.7	3314.1	2873.8	2466.4	2125.0
90.0	7130.8	6411.0	5671.3	5018.7	4382.2	3831.7	3314.1	2873.8	2466.4	2125.0
180.0	7130.8	6411.0	5671.3	5018.7	4382.2	3831.7	3314.1	2873.8	2466.4	2125.0
270.0	7130.8	6411.0	5671.3	5018.7	4382.2	3831.7	3314.1	2873.8	2466.4	2125.0
360.0	7130.8	6411.0	5671.3	5018.7	4382.2	3831.7	3314.1	2873.8	2466.4	2125.0

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	1837.9	1592.9	1387.4	1211.2	1068.1	958.0	858.8	772.0	704.7	649.6
90.0	1837.9	1592.9	1387.4	1211.2	1068.1	958.0	858.8	772.0	704.7	649.6
180.0	1837.9	1592.9	1387.4	1211.2	1068.1	958.0	858.8	772.0	704.7	649.6
270.0	1837.9	1592.9	1387.4	1211.2	1068.1	958.0	858.8	772.0	704.7	649.6
360.0	1837.9	1592.9	1387.4	1211.2	1068.1	958.0	858.8	772.0	704.7	649.6

Cly	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	594.6	545.5	506.5	479.1	442.0	407.4	363.4	327.3	297.3	275.2
90.0	594.6	545.5	506.5	479.1	442.0	407.4	363.4	327.3	297.3	275.2
180.0	594.6	545.5	506.5	479.1	442.0	407.4	363.4	327.3	297.3	275.2
270.0	594.6	545.5	506.5	479.1	442.0	407.4	363.4	327.3	297.3	275.2
360.0	594.6	545.5	506.5	479.1	442.0	407.4	363.4	327.3	297.3	275.2

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	256.3	230.6	209.2	184.7	176.2	154.2	143.1	132.1	120.9	110.2
90.0	256.3	230.6	209.2	184.7	176.2	154.2	143.1	132.1	120.9	110.2
180.0	256.3	230.6	209.2	184.7	176.2	154.2	143.1	132.1	120.9	110.2
270.0	256.3	230.6	209.2	184.7	176.2	154.2	143.1	132.1	120.9	110.2
360.0	256.3	230.6	209.2	184.7	176.2	154.2	143.1	132.1	120.9	110.2

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	99.1	88.1	77.1	77.1	66.0	65.6	55.2	55.0	44.1	44.1
90.0	99.1	88.1	77.1	77.1	66.0	65.6	55.2	55.0	44.1	44.1
180.0	99.1	88.1	77.1	77.1	66.0	65.6	55.2	55.0	44.1	44.1
270.0	99.1	88.1	77.1	77.1	66.0	65.6	55.2	55.0	44.1	44.1
360.0	99.1	88.1	77.1	77.1	66.0	65.6	55.2	55.0	44.1	44.1

**Photometric Data Table [cd]**

C <sub>v</sub>	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	38.9	33.0	32.8	33.0	34.4	37.5	22.0	22.0	11.0	10.2
90.0	38.9	33.0	32.8	33.0	34.4	37.5	22.0	22.0	11.0	10.2
180.0	38.9	33.0	32.8	33.0	34.4	37.5	22.0	22.0	11.0	10.2
270.0	38.9	33.0	32.8	33.0	34.4	37.5	22.0	22.0	11.0	10.2
360.0	38.9	33.0	32.8	33.0	34.4	37.5	22.0	22.0	11.0	10.2

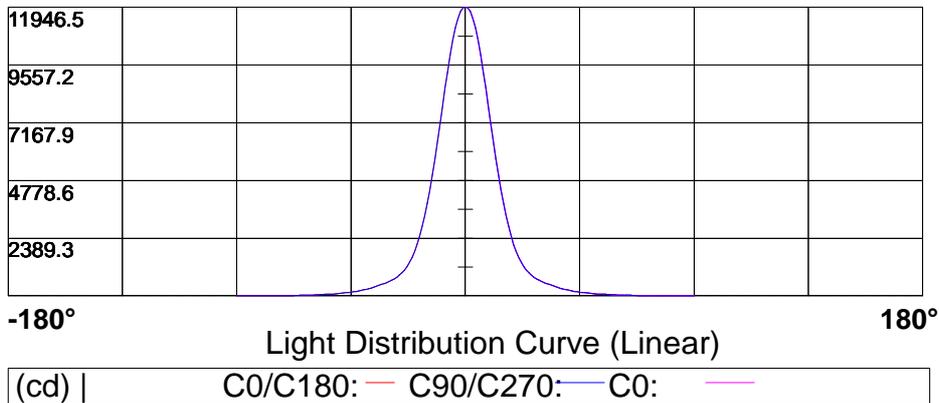
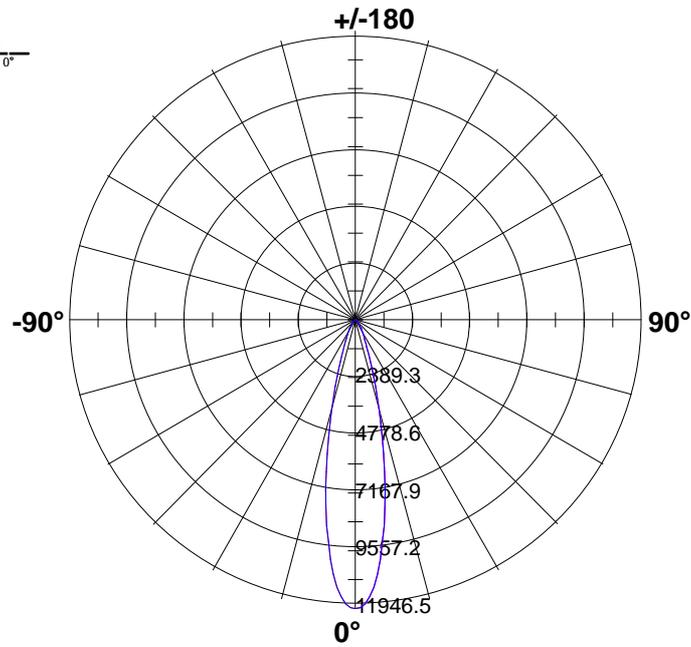
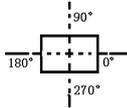
C <sub>v</sub>	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	11.0	11.0	11.0	11.0	11.0	8.0	0.0	0.0	0.0	0.0
90.0	11.0	11.0	11.0	11.0	11.0	8.0	0.0	0.0	0.0	0.0
180.0	11.0	11.0	11.0	11.0	11.0	8.0	0.0	0.0	0.0	0.0
270.0	11.0	11.0	11.0	11.0	11.0	8.0	0.0	0.0	0.0	0.0
360.0	11.0	11.0	11.0	11.0	11.0	8.0	0.0	0.0	0.0	0.0

C <sub>v</sub>	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

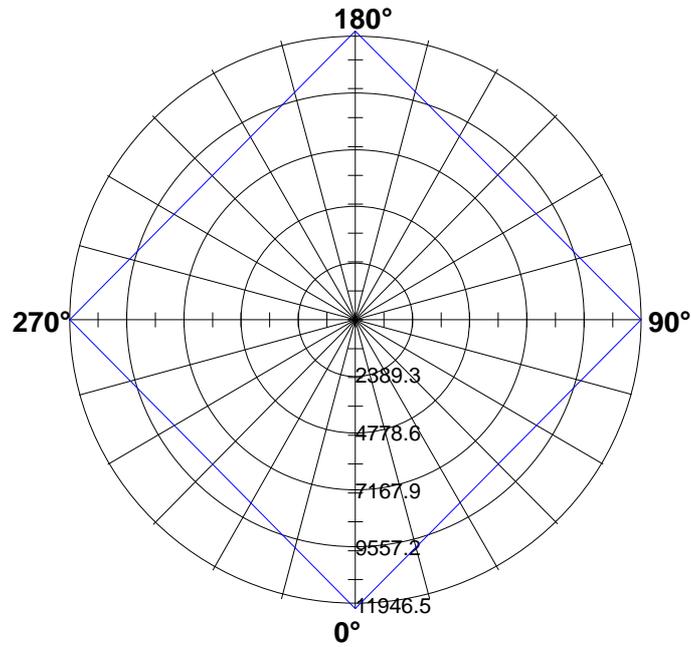
C <sub>v</sub>	90.0
0.0	0.0
90.0	0.0
180.0	0.0
270.0	0.0
360.0	0.0

Light Distribution Curve [Unit: cd]

Luminaire



**Max Plane Light Distribution Curve [Unit: cd]**

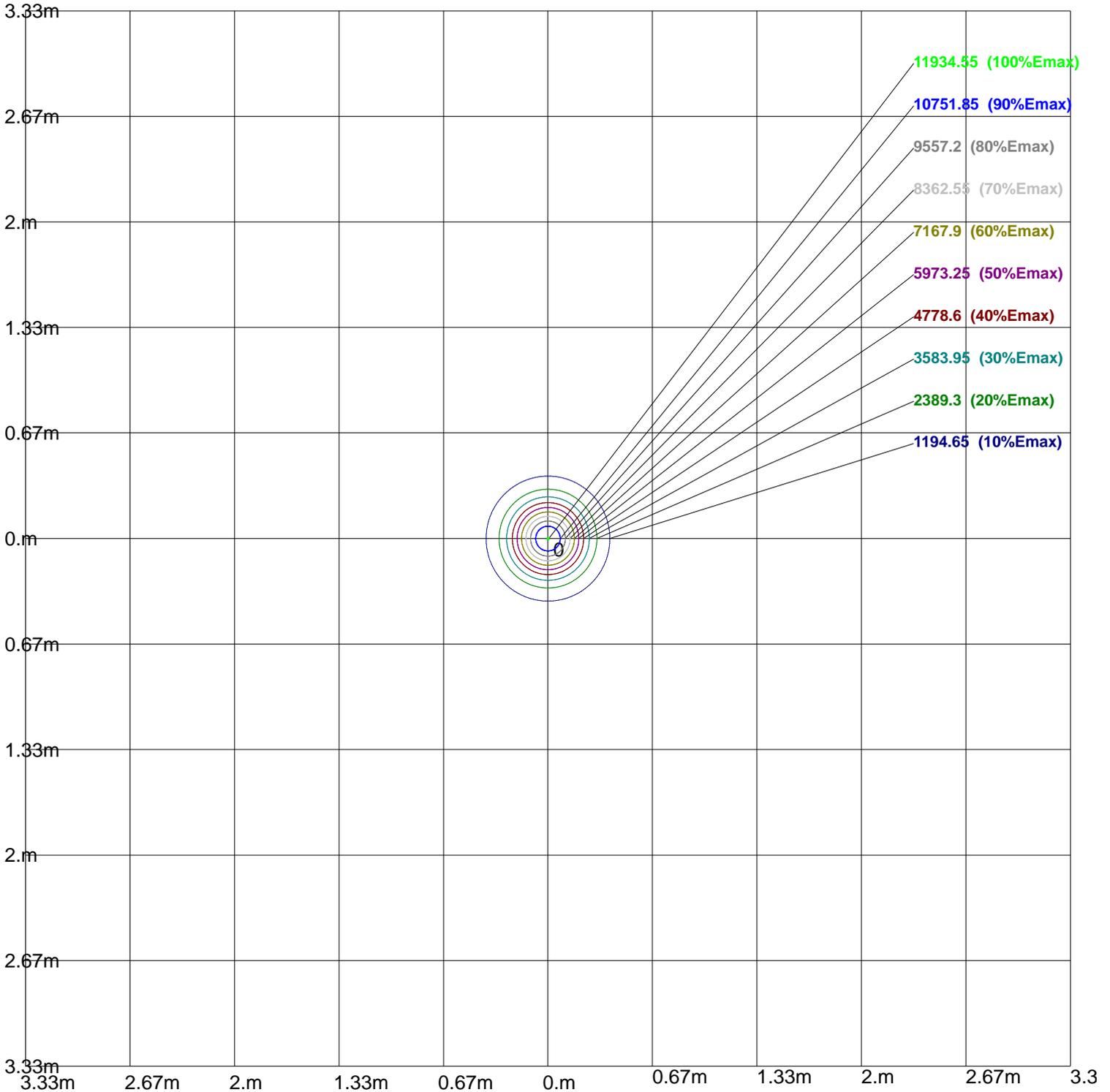


11946.5						
9557.2						
7167.9						
4778.6						
2389.3						

**-180°** Light Distribution Curve (Linear) **180°**

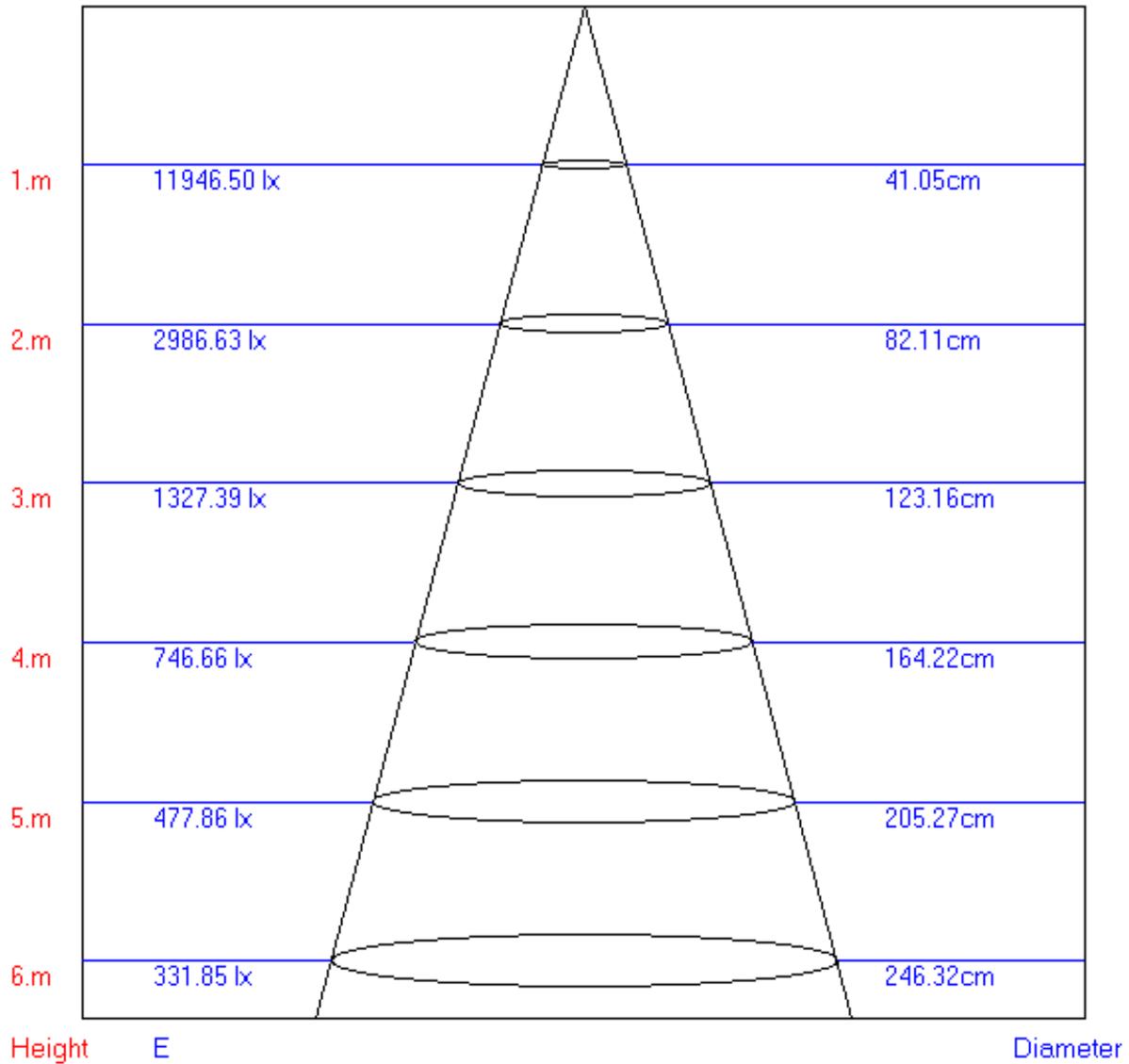
(cd) |  $\gamma_0$ : —

### Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 11946.5lx

### Lux-Distance Curve



Beam Angle:23.50°

Utilization Coefficient Table

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.16	1.15	1.15	1.14	1.13	1.12	1.10	1.09	1.08	1.04	1.03	1.02	0.97	0.95	0.95	0.89
2	1.10	1.09	1.09	1.09	1.07	1.06	1.05	1.03	1.02	1.00	0.98	0.96	0.93	0.91	0.90	0.85
3	1.05	1.04	1.03	1.04	1.02	1.01	1.00	0.98	0.97	0.96	0.93	0.91	0.90	0.88	0.86	0.81
4	1.01	1.00	0.99	0.99	0.98	0.97	0.96	0.94	0.92	0.92	0.89	0.87	0.87	0.84	0.82	0.78
5	0.97	0.95	0.95	0.95	0.93	0.92	0.92	0.90	0.88	0.88	0.86	0.83	0.84	0.81	0.78	0.74
6	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.86	0.84	0.85	0.82	0.80	0.81	0.78	0.75	0.71
7	0.89	0.88	0.87	0.88	0.86	0.85	0.85	0.83	0.81	0.82	0.79	0.77	0.79	0.75	0.72	0.69
8	0.86	0.85	0.84	0.85	0.83	0.82	0.82	0.80	0.78	0.80	0.76	0.74	0.76	0.73	0.70	0.66
9	0.83	0.82	0.81	0.82	0.81	0.80	0.80	0.77	0.76	0.77	0.74	0.72	0.74	0.70	0.67	0.64
10	0.81	0.80	0.79	0.80	0.78	0.77	0.77	0.75	0.73	0.75	0.71	0.69	0.72	0.68	0.65	0.62

