
LumCAT: NLDMA6040-D

Luminaire: padent light

Report No:

Voltage(V): 220.0500

Test No:

Current(A): 0.2620

LampCAT:

Power (W): 55.4400

Lamp flux(lm): -1.0

PF: 0.9610

Number of Lamps: 0

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 5459.52

Efficiency(%): 0.00%

Lumens(lm)/Power(W): 98.48

Central intensity(cd): 1998.158

Maximum intensity(cd): 2005.395

Angle of maximum intensity: C=90.0 γ =5.0

Beam angle of C90plane: 83.38

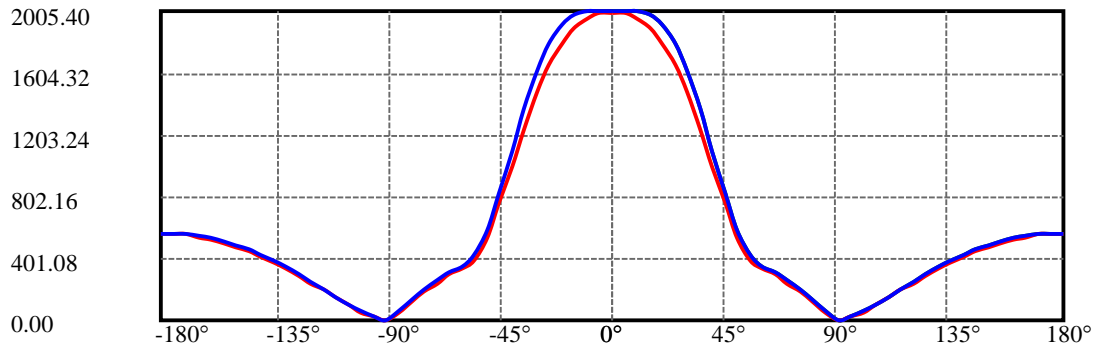
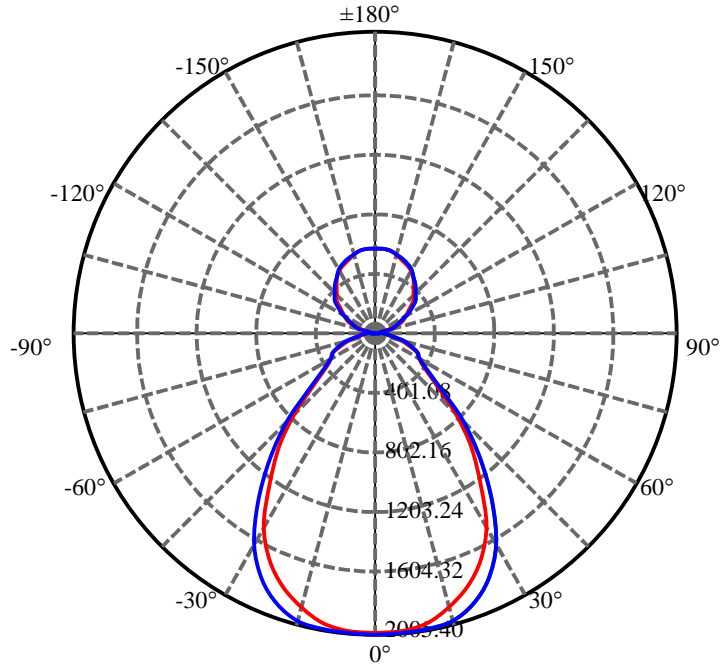
Aveage BeamAngle(IEC 61341):82.56

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2001.639	.000	.000	.000%	.000%
5.0	1997.072	47.803	47.803	.000%	.000%
10.0	1979.168	142.243	190.046	.000%	.000%
15.0	1933.124	232.075	422.121	.000%	.000%
20.0	1846.895	311.527	733.647	.000%	.000%
25.0	1714.880	373.565	1107.212	.000%	.000%
30.0	1538.252	411.687	1518.898	.000%	.000%
35.0	1306.636	418.930	1937.828	.000%	.000%
40.0	1052.671	393.633	2331.460	.000%	.000%
45.0	839.734	350.394	2681.854	.000%	.000%
50.0	643.496	299.708	2981.563	.000%	.000%
55.0	429.043	233.206	3214.769	.000%	.000%
60.0	319.671	173.063	3387.832	.000%	.000%
65.0	255.499	139.825	3527.657	.000%	.000%
70.0	187.571	112.188	3639.845	.000%	.000%
75.0	141.561	86.030	3725.875	.000%	.000%
80.0	111.388	67.682	3793.557	.000%	.000%
85.0	55.659	45.391	3838.948	.000%	.000%
90.0	.707	15.433	3854.381	.000%	.000%
95.0	19.903	5.643	3860.024	.000%	.000%
100.0	56.194	20.677	3880.702	.000%	.000%
105.0	101.066	42.078	3922.780	.000%	.000%
110.0	149.057	65.378	3988.158	.000%	.000%
115.0	199.461	88.247	4076.405	.000%	.000%
120.0	247.504	108.658	4185.063	.000%	.000%
125.0	293.082	124.955	4310.018	.000%	.000%
130.0	337.283	137.062	4447.081	.000%	.000%
135.0	377.468	144.426	4591.506	.000%	.000%
140.0	415.292	146.786	4738.292	.000%	.000%
145.0	449.584	144.298	4882.590	.000%	.000%
150.0	479.619	136.832	5019.422	.000%	.000%
155.0	505.536	124.672	5144.094	.000%	.000%
160.0	527.197	108.315	5252.409	.000%	.000%
165.0	543.981	88.280	5340.689	.000%	.000%
170.0	556.371	65.272	5405.961	.000%	.000%
175.0	563.384	40.057	5446.018	.000%	.000%
180.0	565.866	13.500	5459.518	.000%	.000%

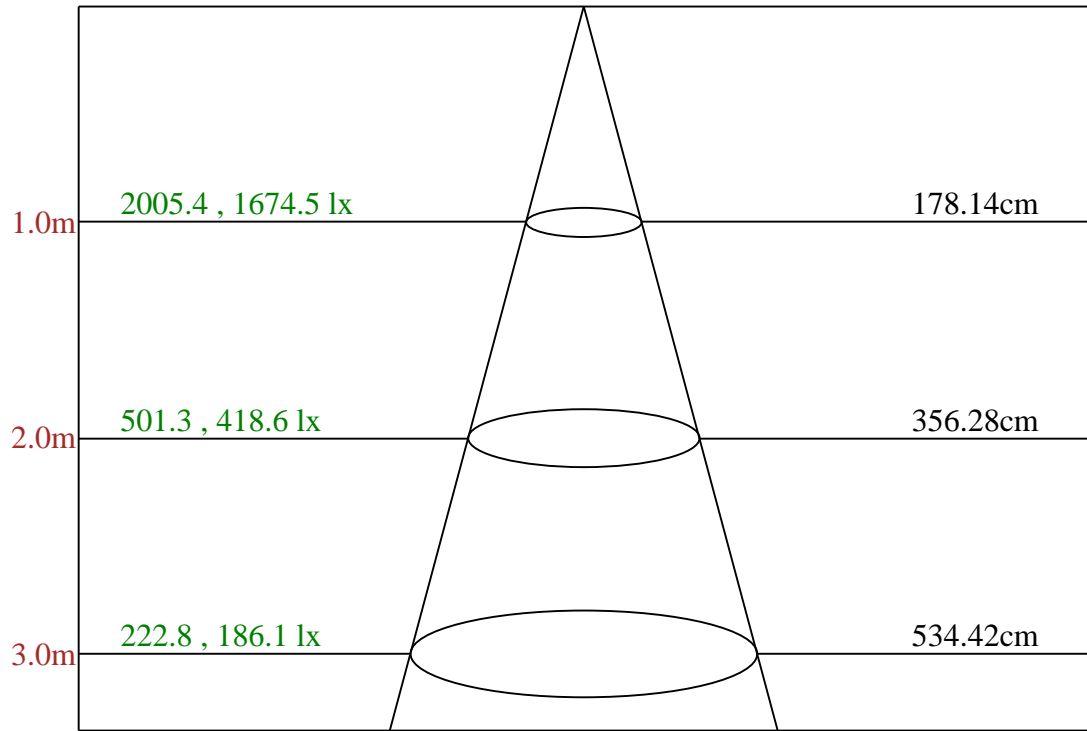
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1518.90	N.A.	27.82%
0-40	2331.46	N.A.	42.70%
0-60	3387.83	N.A.	62.05%
0-90	3854.38	N.A.	70.60%
0-120	4185.06	N.A.	76.66%
0-180	5459.52	N.A.	100.00%
60-90	639.61	N.A.	11.72%
90-120	346.12	N.A.	6.34%
90-130	608.13	N.A.	11.14%
90-150	1180.47	N.A.	21.62%
90-180	1607.07	N.A.	29.44%
0-127.10	4367.61	N.A.	80.00%

ZONAL LUMEN SUMMARY

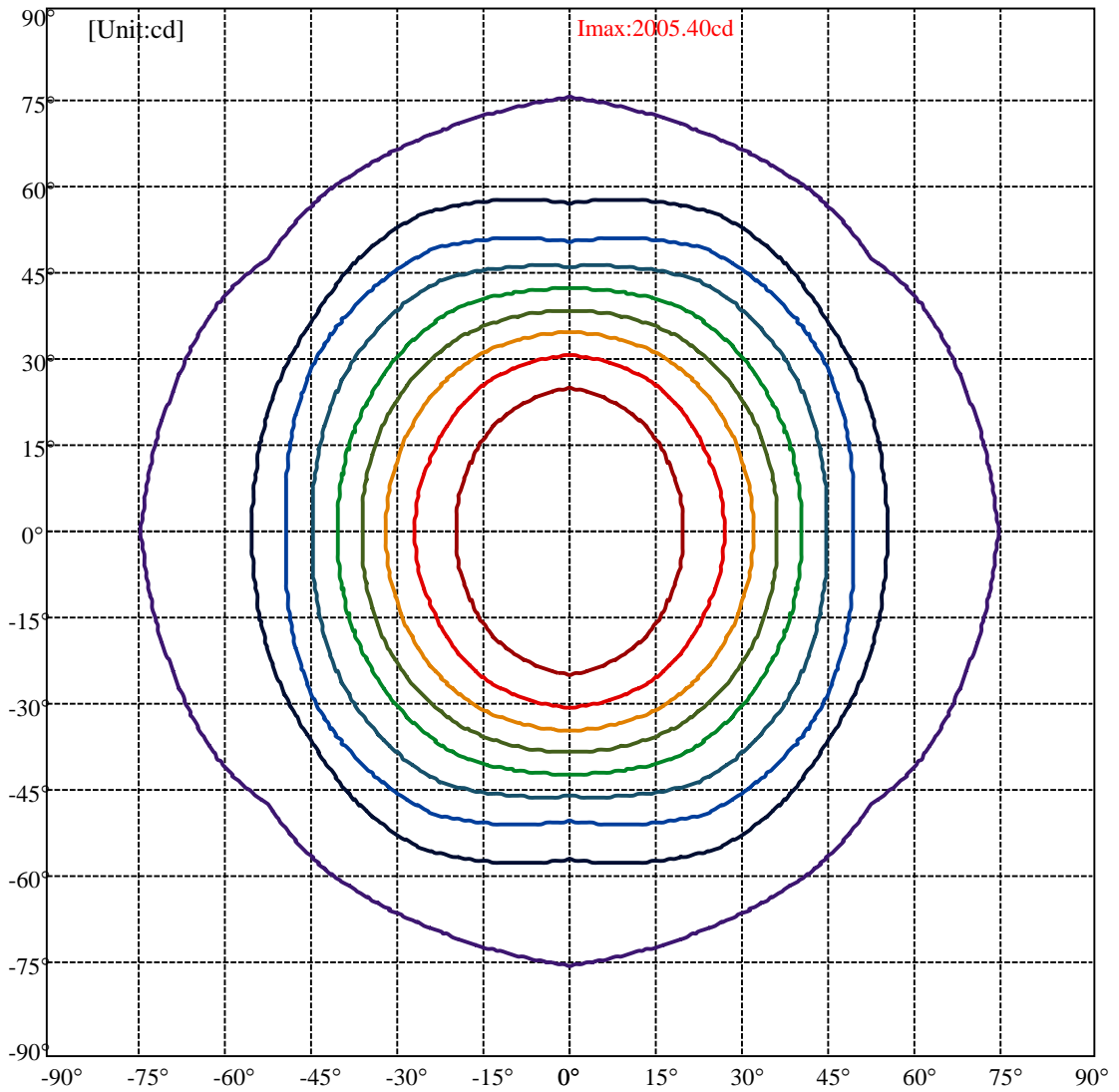
0-10	190.05
10-20	543.60
20-30	785.25
30-40	812.56
40-50	650.10
50-60	406.27
60-70	252.01
70-80	153.71
80-90	60.82
90-100	26.32
100-110	107.46
110-120	196.90
120-130	262.02
130-140	291.21
140-150	281.13
150-160	232.99
160-170	153.55
170-180	40.06



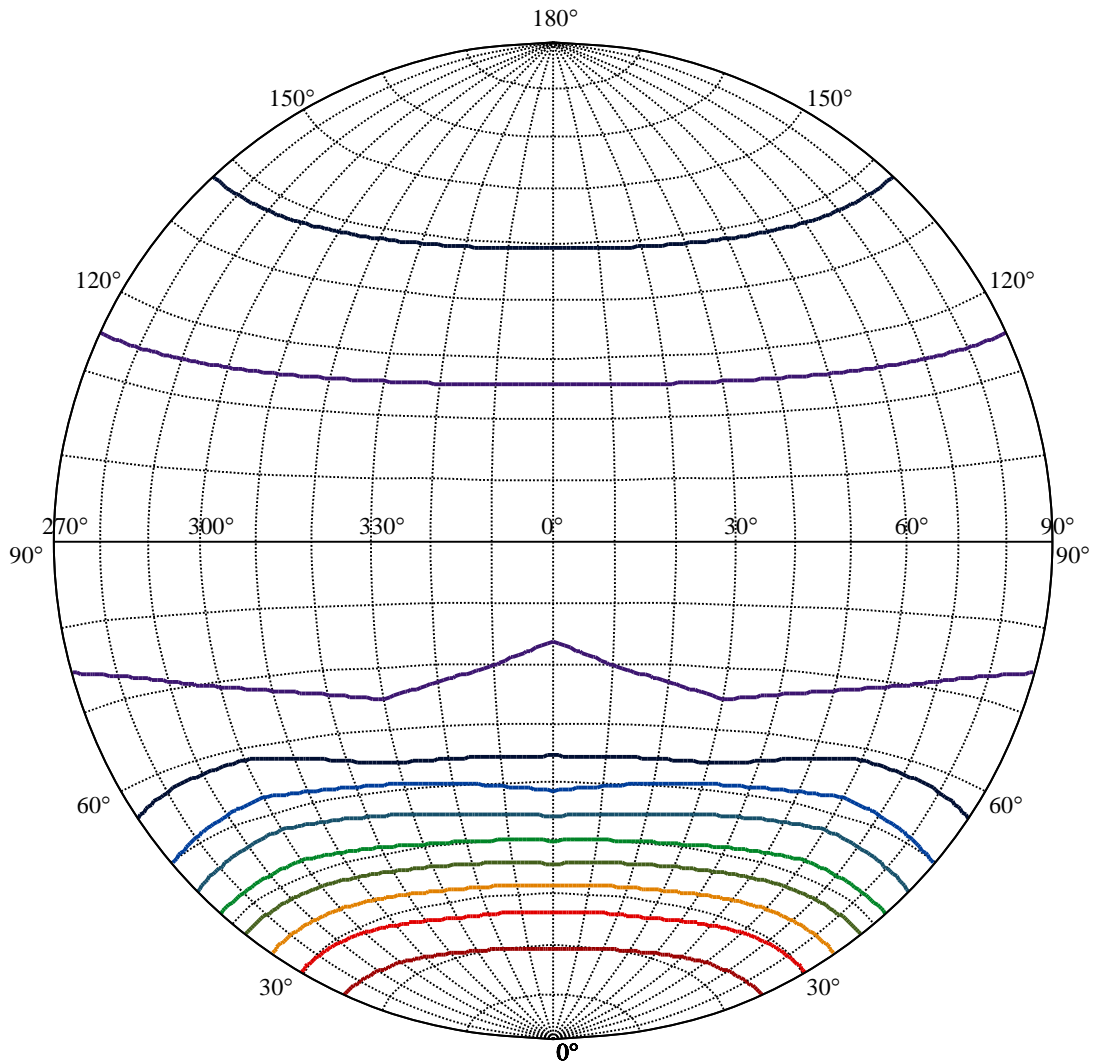
C90(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C90plane83.38



(10% I _{max}) 200.54	—
(20% I _{max}) 401.079	—
(30% I _{max}) 601.619	—
(40% I _{max}) 802.158	—
(50% I _{max}) 1002.7	—
(60% I _{max}) 1203.24	—
(70% I _{max}) 1403.78	—
(80% I _{max}) 1604.32	—
(90% I _{max}) 1804.86	—



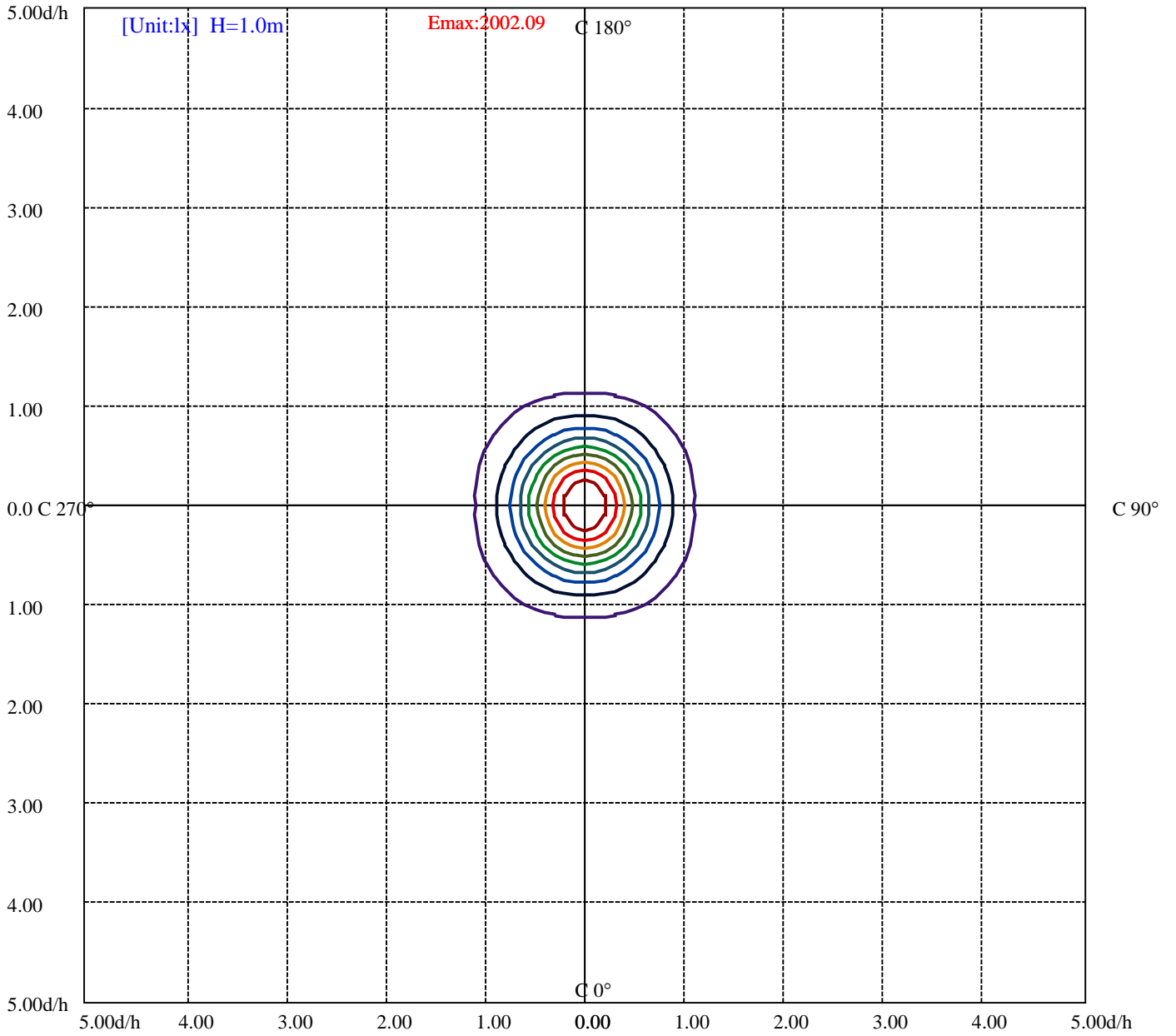
House

[Unit:cd]

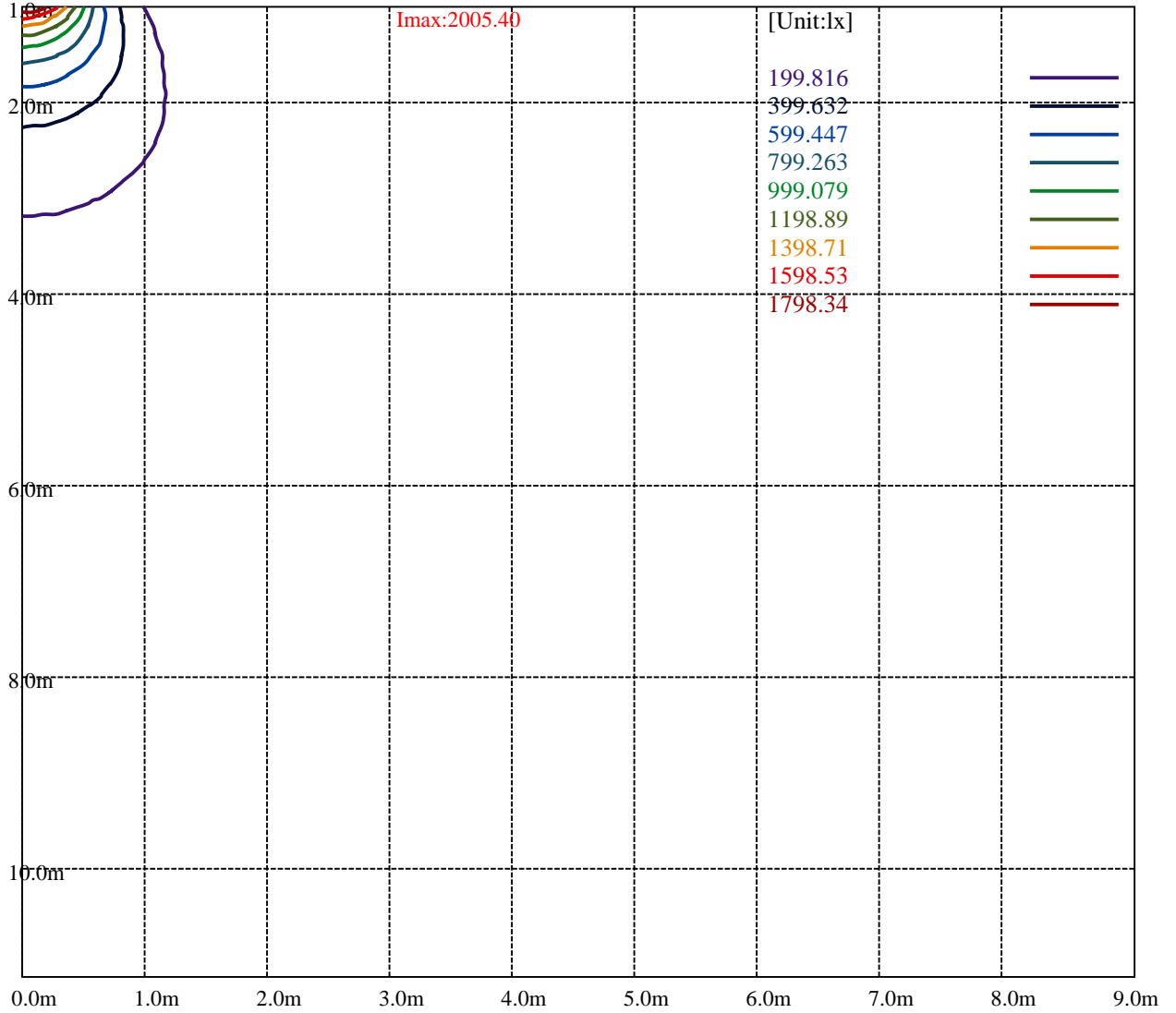
Road

Imax:2005.40

- (10% Imax) 200.54
- (20% Imax) 401.079
- (30% Imax) 601.619
- (40% Imax) 802.158
- (50% Imax) 1002.7
- (60% Imax) 1203.24
- (70% Imax) 1403.78
- (80% Imax) 1604.32
- (90% Imax) 1804.86



(10%Emax) 200.209	—
(20%Emax) 400.417	—
(30%Emax) 600.626	—
(40%Emax) 800.835	—
(50%Emax) 1001.04	—
(60%Emax) 1201.25	—
(70%Emax) 1401.46	—
(80%Emax) 1601.67	—
(90%Emax) 1801.88	—



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 RHOFC=20 CU															
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intensity data(cd)

C/ γ (°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	1998.16	1987.82	1953.80	1887.74	1791.48	1659.03	1480.47	1229.33	991.94
30.0	2003.12	1995.00	1968.90	1911.88	1813.14	1671.13	1494.84	1279.74	1023.43
60.0	2001.05	1999.61	1990.30	1954.47	1874.50	1744.95	1570.73	1342.50	1091.62
90.0	2002.71	2005.40	2002.81	1978.31	1914.62	1798.09	1617.88	1366.02	1093.99
120.0	2001.05	1999.61	1990.30	1954.47	1874.50	1744.95	1570.73	1342.50	1091.62
150.0	2003.74	1995.00	1968.90	1911.88	1813.14	1671.13	1494.84	1279.74	1023.43
180.0	1998.16	1987.82	1953.80	1887.74	1791.48	1659.03	1480.47	1229.33	991.94
210.0	2003.12	1995.00	1968.90	1911.88	1813.14	1671.13	1494.84	1279.74	1023.43
240.0	2001.05	1999.61	1990.30	1954.47	1874.50	1744.95	1570.73	1342.50	1091.62
270.0	2002.71	2005.40	2002.81	1978.31	1914.62	1798.09	1617.88	1366.02	1093.99
300.0	2001.05	1999.61	1990.30	1954.47	1874.50	1744.95	1570.73	1342.50	1091.62
330.0	2003.74	1995.00	1968.90	1911.88	1813.14	1671.13	1494.84	1279.74	1023.43
360.0	1998.16	1987.82	1953.80	1887.74	1791.48	1659.03	1480.47	1229.33	991.94
C/ γ (°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	762.83	539.29	387.82	335.40	303.77	234.91	188.17	129.34	55.00
30.0	830.50	660.42	375.83	267.22	199.91	125.47	93.31	90.16	52.26
60.0	895.22	705.29	506.88	352.00	259.57	190.55	138.91	113.32	58.68
90.0	824.14	590.27	421.01	344.19	310.28	258.48	196.76	132.03	57.07
120.0	895.22	705.29	506.88	352.00	259.57	190.55	138.91	113.32	58.68
150.0	830.50	660.42	375.83	267.22	199.91	125.47	93.31	90.16	52.26
180.0	762.83	539.29	387.82	335.40	303.77	234.91	188.17	129.34	55.00
210.0	830.50	660.42	375.83	267.22	199.91	125.47	93.31	90.16	52.26
240.0	895.22	705.29	506.88	352.00	259.57	190.55	138.91	113.32	58.68
270.0	824.14	590.27	421.01	344.19	310.28	258.48	196.76	132.03	57.07
300.0	895.22	705.29	506.88	352.00	259.57	190.55	138.91	113.32	58.68
330.0	830.50	660.42	375.83	267.22	199.91	125.47	93.31	90.16	52.26
360.0	762.83	539.29	387.82	335.40	303.77	234.91	188.17	129.34	55.00
C/ γ (°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
0.0	0.72	20.58	55.11	99.15	146.09	194.27	241.01	285.05	330.13
30.0	0.31	20.89	56.97	100.91	147.95	197.07	244.32	289.55	333.59
60.0	0.88	19.02	55.88	101.53	150.64	202.13	250.47	296.94	340.32
90.0	1.14	19.02	56.35	102.36	151.06	204.10	254.45	300.46	345.74
120.0	0.88	19.02	55.88	101.53	150.64	202.13	250.47	296.94	340.32
150.0	0.31	20.89	56.97	100.91	147.95	197.07	244.32	289.55	333.59
180.0	0.72	20.58	55.11	99.15	146.09	194.27	241.01	285.05	330.13
210.0	0.31	20.89	56.97	100.91	147.95	197.07	244.32	289.55	333.59
240.0	0.88	19.02	55.88	101.53	150.64	202.13	250.47	296.94	340.32
270.0	1.14	19.02	56.35	102.36	151.06	204.10	254.45	300.46	345.74
300.0	0.88	19.02	55.88	101.53	150.64	202.13	250.47	296.94	340.32
330.0	0.31	20.89	56.97	100.91	147.95	197.07	244.32	289.55	333.59
360.0	0.72	20.58	55.11	99.15	146.09	194.27	241.01	285.05	330.13
C/ γ (°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
0.0	368.59	407.06	442.73	473.85	500.31	523.06	541.36	554.39	562.04
30.0	373.71	412.17	446.45	477.31	503.57	526.06	542.81	556.04	563.13
60.0	381.47	418.95	453.32	482.22	507.91	529.26	545.55	557.65	564.16
90.0	385.86	422.46	455.24	484.81	509.93	529.47	545.81	556.46	563.69
120.0	381.47	418.95	453.32	482.22	507.91	529.26	545.55	557.65	564.16
150.0	373.71	412.17	446.45	477.31	503.57	526.06	542.81	556.04	563.13
180.0	368.59	407.06	442.73	473.85	500.31	523.06	541.36	554.39	562.04
210.0	373.71	412.17	446.45	477.31	503.57	526.06	542.81	556.04	563.13
240.0	381.47	418.95	453.32	482.22	507.91	529.26	545.55	557.65	564.16
270.0	385.86	422.46	455.24	484.81	509.93	529.47	545.81	556.46	563.69
300.0	381.47	418.95	453.32	482.22	507.91	529.26	545.55	557.65	564.16
330.0	373.71	412.17	446.45	477.31	503.57	526.06	542.81	556.04	563.13
360.0	368.59	407.06	442.73	473.85	500.31	523.06	541.36	554.39	562.04

Intensity data(cd)

C/ γ (°)	180.0
0.0	564.52
30.0	565.97
60.0	566.90
90.0	564.94
120.0	566.90
150.0	565.97
180.0	564.52
210.0	565.97
240.0	566.90
270.0	564.94
300.0	566.90
330.0	565.97
360.0	564.52