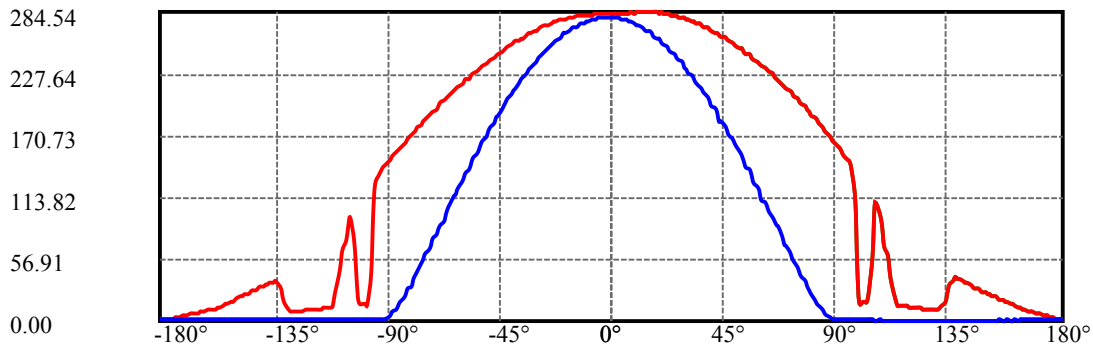
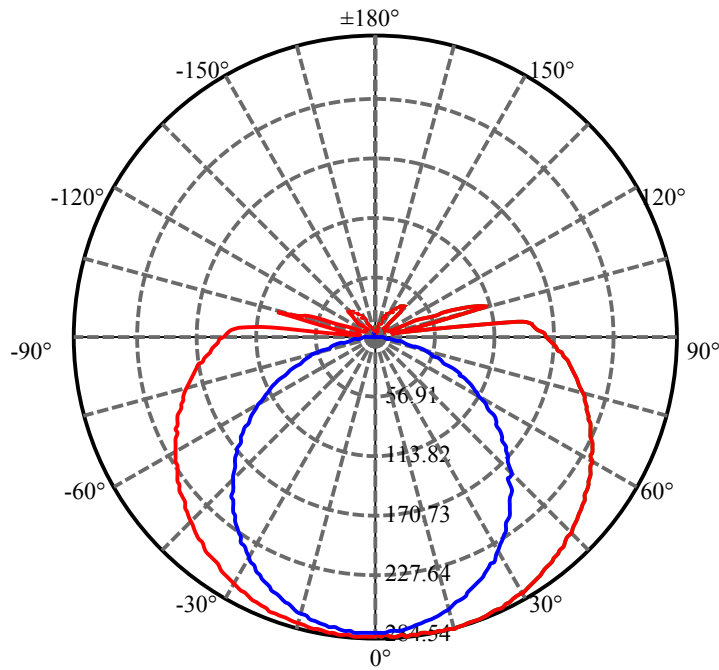

LumCAT: Eckenheim 1200
Luminaire: 14 W 3000 K
Report No: WG17044545P-4
Test No: WG17044545P-4
LampCAT:
Lamp flux(lm)
Number of Lamps: 0
Length(mm): 0
Phm Type: C

Voltage(V): 220.0500
Current(A): 0.1070
Power (W): 13.1900
PF: 0.5628
Ballast type:
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 1289.17
Lumens(lm)/Power(W): 97.74
Central intensity(cd): 280.656
Maximum intensity(cd): 284.544
Angle of maximum intensity: C=0.0 $\gamma=14.0$
Beam Angle(50%Imax): [C0/180]Total=186.0
 [C90/270]Total=111.8
Field angle(10%Imax): [C0/180]Total=289.3
 [C90/270]Total=160.2
Beam angle of C0plane: 186.54
Aveage BeamAngle(IEC 61341):150.88
Maximum s/h(1/2): C0_180=1.42 C90_270=1.24
Maximum s/h(1/4): C0_180=1.59 C90_270=1.35
Up flux rate of LUM(%): 11.15%
Down flux rate of LUM(%): 88.85%
CIE Type : Semidirect lighting
Output flux ratio in π solid angle : 56.385%



C0(Max): —————

C0/C180: —————

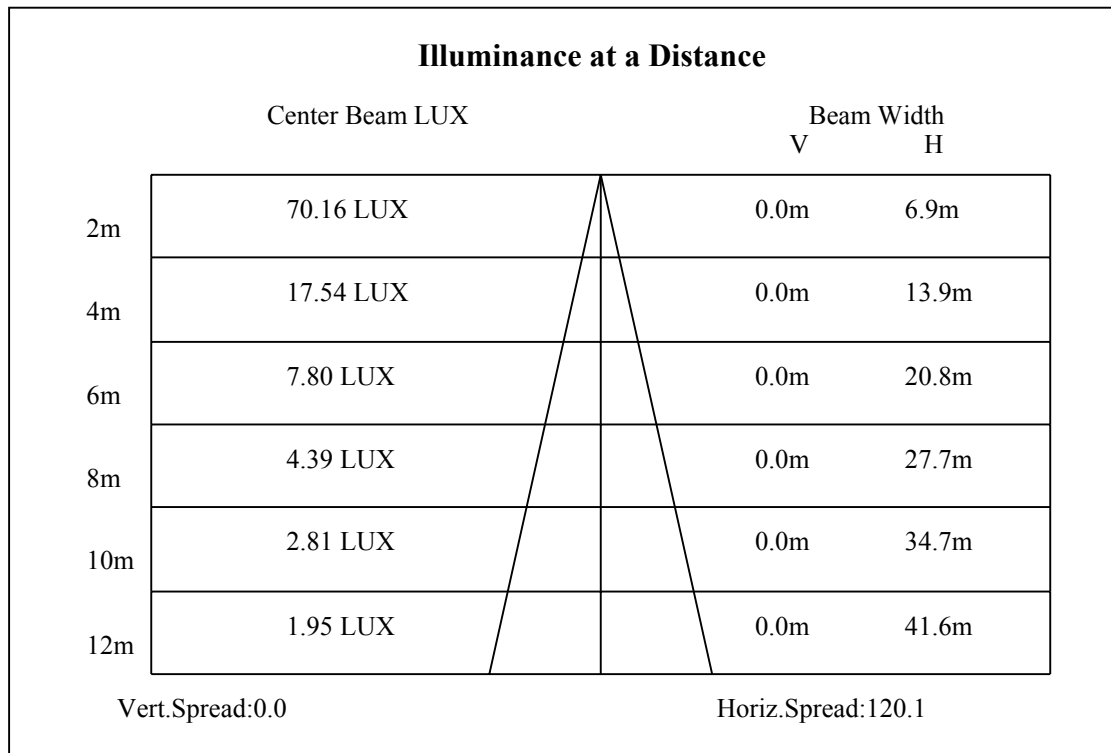
C90/C270: —————

Field angle(10%Imax):C0/180Left:157.4 Right:131.9

:C90/270Left:80.3 Right:79.9

Beam Angle(50%Imax):C0/180Left:105.4 Right:80.6

:C90/270Left:56.0 Right:55.8



Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	280.66	282.38	281.95	282.53	282.67	282.53	283.39	283.39	283.68
30.0	279.22	279.22	278.93	279.07	279.50	279.07	279.36	279.65	279.36
60.0	282.10	282.10	281.81	281.66	280.94	280.94	280.66	279.36	279.36
90.0	279.22	279.22	279.50	278.50	277.63	277.63	276.77	275.90	275.18
120.0	280.08	279.22	279.50	278.93	278.50	278.06	277.78	277.20	275.76
150.0	280.22	280.51	280.51	280.08	280.08	280.22	279.50	279.50	279.22
180.0	282.38	282.38	282.38	282.24	282.53	281.95	282.24	282.24	281.81
210.0	279.22	279.22	278.78	279.36	279.07	278.93	279.36	278.93	278.64
240.0	282.10	282.10	282.10	281.66	281.95	281.81	281.38	280.94	280.66
270.0	279.22	279.65	279.65	279.07	279.22	278.93	278.21	277.63	277.20
300.0	280.08	280.08	279.79	280.08	280.22	280.08	279.94	279.79	279.50
330.0	280.22	280.37	280.51	280.51	280.51	280.94	280.66	280.80	281.09
360.0	280.66	282.38	281.95	282.53	282.67	282.53	283.39	283.39	283.68
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	283.39	283.82	284.40	284.26	284.40	284.54	284.54	284.11	284.11
30.0	279.22	279.22	279.50	278.93	278.64	278.64	278.21	277.78	277.34
60.0	278.78	278.50	277.06	276.34	275.47	274.32	273.17	272.30	270.72
90.0	274.03	273.02	271.44	270.72	268.85	267.12	266.11	264.24	261.94
120.0	275.62	274.75	273.17	272.59	271.30	269.86	268.85	267.70	266.26
150.0	279.22	278.35	277.63	277.49	276.77	276.05	275.62	275.04	274.03
180.0	281.81	281.66	281.38	280.94	280.80	280.66	279.79	279.50	279.22
210.0	278.50	278.35	278.06	277.34	277.34	276.62	275.62	275.62	274.75
240.0	279.94	279.22	278.50	277.34	276.34	275.76	274.75	273.74	271.73
270.0	276.48	275.47	274.61	274.03	272.59	270.86	270.29	268.70	267.12
300.0	278.78	278.21	277.63	277.06	276.62	276.05	275.04	274.61	273.60
330.0	281.09	281.09	280.66	281.09	280.94	280.37	280.51	280.37	279.79
360.0	283.39	283.82	284.40	284.26	284.40	284.54	284.54	284.11	284.11
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	284.26	283.54	283.68	283.39	282.67	282.24	281.81	281.66	280.51
30.0	277.34	276.19	275.33	275.18	274.03	272.88	272.59	271.73	270.29
60.0	269.57	267.98	267.12	264.96	263.66	262.66	259.92	258.05	256.61
90.0	260.64	259.06	256.46	254.74	252.29	249.98	248.26	245.09	242.21
120.0	264.82	263.23	262.08	260.50	258.05	255.89	254.88	252.29	249.70
150.0	273.17	272.59	271.44	270.14	270.00	268.56	267.41	266.54	265.39
180.0	278.21	277.92	277.34	276.77	275.62	274.90	274.18	273.02	272.30
210.0	273.89	273.02	272.59	271.44	270.43	269.57	268.42	267.70	266.11
240.0	271.01	270.00	268.42	266.69	265.68	263.52	261.79	260.50	258.48
270.0	265.68	264.24	261.79	260.35	258.91	255.89	254.30	251.71	249.70
300.0	272.02	271.44	270.43	269.57	267.84	266.54	265.68	263.38	262.08
330.0	279.36	279.07	278.64	277.92	277.49	276.62	275.76	275.18	274.46
360.0	284.26	283.54	283.68	283.39	282.67	282.24	281.81	281.66	280.51
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	280.08	279.79	278.64	278.06	277.20	276.34	275.47	274.18	273.31
30.0	269.28	268.42	267.12	266.11	264.96	263.09	261.94	260.50	258.77
60.0	254.59	251.86	250.42	248.11	245.23	243.65	240.91	238.18	236.02
90.0	240.48	239.47	234.14	232.13	228.10	226.08	223.49	219.74	215.42
120.0	248.54	245.52	243.50	241.63	239.04	235.73	233.86	231.70	228.38
150.0	264.53	262.51	261.65	259.49	258.19	256.61	255.17	253.44	251.14
180.0	271.30	270.43	268.99	267.70	266.83	265.54	264.67	263.23	260.64
210.0	264.67	263.95	262.08	260.64	259.92	257.62	256.32	254.88	253.15
240.0	255.74	254.16	252.58	249.41	247.25	244.80	242.93	240.34	237.17
270.0	247.25	244.51	241.78	238.90	236.88	233.57	231.41	227.52	224.64
300.0	260.50	258.77	256.32	254.88	253.15	250.13	248.69	246.53	243.79
330.0	273.89	272.16	271.87	271.15	269.42	268.42	267.41	266.54	264.67
360.0	280.08	279.79	278.64	278.06	277.20	276.34	275.47	274.18	273.31

Intensity data(cd)

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	272.16	271.15	270.00	268.99	267.41	265.97	265.68	263.52	261.65
30.0	257.76	255.60	254.30	252.86	250.56	249.12	247.54	245.66	243.36
60.0	233.57	230.54	228.38	225.79	222.91	220.75	217.73	215.14	213.12
90.0	212.98	209.95	206.78	202.46	198.43	195.70	192.10	184.46	183.60
120.0	226.22	223.34	221.04	218.16	214.27	212.40	208.08	204.91	203.04
150.0	248.83	247.82	245.23	243.50	241.92	238.90	237.17	235.44	232.99
180.0	260.21	258.62	257.76	255.60	254.02	253.30	250.85	249.12	248.11
210.0	251.28	249.12	248.26	246.24	244.08	242.78	240.48	238.46	236.16
240.0	234.29	232.13	230.11	227.52	224.21	220.61	220.03	216.14	213.12
270.0	222.62	218.59	214.27	212.26	208.80	204.19	202.03	197.57	193.82
300.0	242.06	243.22	241.06	238.46	235.58	233.28	230.83	227.81	225.50
330.0	263.81	262.22	260.21	259.34	257.62	255.31	253.73	252.00	249.98
360.0	272.16	271.15	270.00	268.99	267.41	265.97	265.68	263.52	261.65
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	260.78	259.49	257.62	256.46	254.74	252.86	251.57	250.13	247.82
30.0	242.21	239.62	237.17	236.16	233.57	230.98	229.68	227.95	226.37
60.0	209.52	204.77	202.75	199.15	195.12	193.25	188.78	186.34	182.88
90.0	181.15	177.12	171.65	167.18	164.30	159.98	154.80	151.92	146.59
120.0	198.72	194.69	192.24	189.22	184.90	180.86	178.70	174.82	170.64
150.0	230.98	228.82	226.51	224.50	222.05	219.60	216.72	215.14	212.54
180.0	246.38	244.22	242.64	241.06	238.90	237.60	235.58	234.14	231.70
210.0	234.72	231.84	230.26	228.67	226.80	224.06	222.48	219.89	217.73
240.0	208.66	207.36	203.47	200.45	198.00	194.40	190.22	187.49	184.61
270.0	189.50	186.62	181.73	178.56	175.25	170.06	166.90	162.14	157.82
300.0	221.90	219.02	214.99	212.69	209.23	207.07	203.47	199.87	197.42
330.0	248.26	246.10	244.51	241.63	240.19	237.89	236.30	233.71	230.98
360.0	260.78	259.49	257.62	256.46	254.74	252.86	251.57	250.13	247.82
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	246.24	244.80	242.50	241.20	238.90	237.31	235.73	232.99	231.12
30.0	223.34	221.04	219.31	217.01	214.56	211.82	210.10	206.21	205.63
60.0	180.00	175.25	171.36	169.06	165.17	162.00	158.11	155.52	151.34
90.0	142.13	139.25	134.50	128.02	124.56	120.38	112.18	110.02	106.85
120.0	168.48	164.02	160.85	158.54	154.66	151.06	147.89	145.01	142.13
150.0	210.53	208.08	206.21	204.62	201.46	200.16	197.14	195.55	192.67
180.0	229.82	228.82	226.08	223.20	222.05	220.03	217.44	215.28	213.55
210.0	215.86	213.55	210.82	206.78	206.35	203.76	202.32	199.15	197.28
240.0	180.58	177.70	173.66	168.48	167.62	163.01	159.12	156.67	153.07
270.0	154.51	149.47	144.58	139.68	136.37	131.18	127.58	121.97	117.50
300.0	193.39	190.08	187.78	183.74	179.28	176.98	174.10	169.63	167.33
330.0	229.68	227.81	225.79	223.34	221.04	219.31	216.58	214.13	212.26
360.0	246.24	244.80	242.50	241.20	238.90	237.31	235.73	232.99	231.12
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	229.39	227.38	224.93	222.91	221.18	218.16	216.43	214.70	211.54
30.0	202.90	200.74	197.57	195.55	192.96	191.23	188.78	185.47	183.46
60.0	148.46	146.30	141.84	137.95	136.08	132.48	128.30	125.86	121.68
90.0	101.23	95.90	91.58	88.27	86.11	77.62	70.70	68.40	63.65
120.0	138.10	135.07	130.46	128.16	124.27	122.11	118.51	114.48	110.74
150.0	191.38	188.78	185.47	184.03	181.01	178.27	175.68	173.52	170.78
180.0	211.39	208.51	207.22	204.62	202.75	200.74	198.00	194.83	193.25
210.0	195.26	192.38	189.94	188.35	186.05	182.59	179.86	178.13	175.25
240.0	149.04	146.74	142.42	139.10	136.80	132.62	129.02	126.00	122.98
270.0	114.05	108.14	104.69	99.07	92.74	88.42	84.96	78.77	75.31
300.0	163.30	159.70	157.25	153.50	149.47	146.59	142.13	139.54	136.94
330.0	210.24	207.65	205.92	202.61	200.59	199.01	195.98	193.10	191.52
360.0	229.39	227.38	224.93	222.91	221.18	218.16	216.43	214.70	211.54

Intensity data(cd)

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	209.52	207.36	204.91	201.74	200.30	197.86	194.26	192.82	189.36
30.0	181.01	177.55	175.25	171.94	169.49	167.33	164.88	160.56	158.69
60.0	118.51	116.21	112.61	108.29	106.13	103.10	99.22	96.91	93.31
90.0	57.89	54.72	48.82	44.21	40.03	36.86	31.25	27.50	24.77
120.0	108.00	104.98	102.82	98.64	95.04	92.88	90.14	86.40	84.53
150.0	168.62	166.90	163.58	161.28	158.11	155.38	153.50	150.62	147.46
180.0	191.09	189.50	186.05	183.46	181.15	179.14	175.82	173.38	170.93
210.0	173.52	170.64	166.90	165.02	162.72	159.70	157.68	154.66	151.92
240.0	118.66	116.35	112.46	109.30	106.70	102.96	100.22	97.78	93.89
270.0	69.70	64.80	61.34	56.02	52.56	45.50	42.34	38.16	32.40
300.0	132.91	129.60	127.15	123.12	120.38	117.22	113.47	110.16	107.86
330.0	188.78	185.18	183.60	180.14	177.26	175.10	172.22	168.62	166.03
360.0	209.52	207.36	204.91	201.74	200.30	197.86	194.26	192.82	189.36
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	186.77	184.75	181.73	178.13	175.82	173.23	170.06	166.03	164.16
30.0	155.52	152.50	151.06	149.47	148.46	146.59	141.98	137.81	134.64
60.0	90.29	87.84	84.24	82.37	78.34	75.60	74.74	73.58	68.69
90.0	19.87	15.55	13.39	10.37	6.91	5.33	3.60	2.16	1.73
120.0	81.07	78.05	76.03	73.44	69.70	67.68	65.52	62.78	61.78
150.0	145.58	142.70	139.82	137.52	133.63	131.18	128.88	125.28	122.40
180.0	167.90	164.74	163.15	159.41	156.82	154.94	151.49	148.18	146.16
210.0	149.47	145.58	142.70	140.83	137.66	133.20	131.04	127.44	124.70
240.0	90.29	88.13	84.96	81.65	79.78	76.03	73.58	71.57	67.25
270.0	29.23	24.62	20.59	17.86	13.97	10.80	8.06	6.05	3.74
300.0	102.96	101.09	98.93	94.90	91.73	88.99	86.11	82.22	80.21
330.0	164.45	160.56	158.11	154.66	152.06	150.05	147.02	144.14	140.98
360.0	186.77	184.75	181.73	178.13	175.82	173.23	170.06	166.03	164.16
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	161.57	159.26	155.38	151.92	149.33	147.17	138.96	110.59	51.98
30.0	131.76	128.02	126.43	124.27	92.30	59.18	25.63	15.84	15.26
60.0	65.95	64.66	50.40	21.31	18.00	15.84	31.25	33.98	28.66
90.0	1.58	1.44	1.30	1.44	1.58	1.44	1.30	1.58	1.58
120.0	58.46	43.06	23.76	16.99	16.99	26.21	30.24	24.34	19.15
150.0	121.97	119.81	116.78	114.19	81.79	39.60	17.42	15.26	13.97
180.0	143.42	140.69	137.23	134.78	124.70	97.78	43.34	16.56	15.98
210.0	121.82	120.67	117.94	116.06	114.05	106.13	81.79	31.10	19.01
240.0	63.94	62.21	60.48	57.89	48.67	22.03	17.71	15.70	28.08
270.0	2.45	1.87	1.73	1.44	1.58	1.73	1.58	1.73	2.02
300.0	77.62	74.30	72.29	68.11	65.66	63.79	57.17	27.07	21.17
330.0	136.94	133.92	131.90	126.72	124.56	122.69	103.97	53.14	26.35
360.0	161.57	159.26	155.38	151.92	149.33	147.17	138.96	110.59	51.98
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	17.86	17.86	17.57	17.42	26.78	59.62	103.68	107.14	98.06
30.0	15.12	29.66	52.13	83.38	79.92	73.44	56.59	45.07	36.14
60.0	21.02	14.98	8.93	7.92	7.20	7.34	6.77	6.34	6.05
90.0	1.15	1.58	1.58	1.15	1.30	1.30	0.86	0.72	1.01
120.0	10.22	8.64	7.92	7.34	7.06	6.62	6.34	6.19	5.62
150.0	14.26	33.12	68.40	73.87	65.81	55.87	48.10	34.42	19.87
180.0	15.41	15.70	23.62	51.84	76.61	96.19	85.82	74.59	65.95
210.0	18.00	16.99	20.45	50.83	73.01	74.88	68.69	55.87	45.07
240.0	30.67	27.07	20.74	12.53	10.08	9.22	9.07	8.78	8.06
270.0	1.58	1.87	2.02	1.73	1.73	2.02	1.87	1.87	1.73
300.0	18.72	30.24	34.99	30.53	24.19	18.72	11.66	11.23	10.80
330.0	22.46	19.87	19.15	41.47	72.86	87.98	81.50	71.14	59.33
360.0	17.86	17.86	17.57	17.42	26.78	59.62	103.68	107.14	98.06

Intensity data(cd)

C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0
0.0	86.26	69.70	60.05	43.63	33.12	20.02	14.54	14.26	13.54
30.0	21.17	12.10	10.80	10.37	10.37	10.51	10.37	9.79	9.94
60.0	5.90	5.62	4.90	5.18	5.90	8.06	11.66	15.12	18.29
90.0	0.86	0.58	0.58	0.58	0.29	0.58	0.29	0.14	0.58
120.0	5.18	5.33	5.04	6.19	10.94	14.40	17.71	18.14	18.14
150.0	11.66	9.79	9.65	9.22	9.22	9.65	9.07	8.50	8.93
180.0	50.69	40.90	25.06	14.26	12.67	12.24	12.10	12.10	11.38
210.0	36.43	21.31	11.81	10.66	10.66	9.94	9.79	9.79	9.36
240.0	7.78	7.78	7.06	6.62	6.48	6.34	7.34	10.08	15.55
270.0	1.87	1.73	1.58	1.73	1.58	1.44	1.87	1.44	1.15
300.0	10.22	9.65	9.50	8.78	8.21	8.06	7.92	7.34	7.20
330.0	47.52	49.25	33.55	18.72	13.54	12.53	12.10	11.95	11.38
360.0	86.26	69.70	60.05	43.63	33.12	20.02	14.54	14.26	13.54
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	13.39	13.39	12.67	12.53	12.53	12.24	11.52	11.38	11.23
30.0	9.79	9.22	9.36	9.22	8.93	8.78	8.78	8.21	8.64
60.0	20.16	20.16	19.73	19.44	19.44	19.44	18.72	18.58	17.86
90.0	0.29	0.14	0.43	0.43	0.29	0.58	0.43	0.29	0.58
120.0	17.86	17.57	17.86	17.71	16.99	16.85	16.85	15.98	15.84
150.0	8.50	8.21	8.35	8.21	7.49	7.78	7.78	7.49	9.22
180.0	11.23	11.09	10.80	10.37	10.22	10.08	9.65	9.36	9.22
210.0	8.93	9.07	8.93	8.35	8.21	8.50	8.06	7.78	7.92
240.0	19.01	19.15	19.44	19.01	18.58	18.58	18.14	17.71	17.42
270.0	1.58	1.44	1.15	1.44	1.58	1.30	1.44	1.44	1.15
300.0	9.79	14.69	17.71	20.88	20.88	20.45	20.02	20.02	19.73
330.0	11.09	10.94	10.94	10.37	10.22	10.22	9.94	9.65	9.22
360.0	13.39	13.39	12.67	12.53	12.53	12.24	11.52	11.38	11.23
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	10.80	10.66	10.51	10.22	9.94	12.53	14.40	18.14	26.21
30.0	9.94	13.97	20.74	22.46	30.53	33.84	34.85	33.70	32.69
60.0	17.42	17.28	16.99	16.13	16.13	15.84	15.26	14.98	14.69
90.0	0.29	0.43	0.58	0.43	0.58	0.72	0.58	0.58	0.72
120.0	15.55	14.98	14.40	13.82	12.96	12.24	11.95	11.66	11.52
150.0	13.54	19.01	26.78	30.82	32.11	31.39	31.25	30.38	29.38
180.0	8.78	8.50	8.64	10.22	15.70	20.59	29.52	34.99	36.29
210.0	7.78	10.22	15.26	19.73	27.22	31.82	31.97	31.54	30.67
240.0	16.99	16.56	16.27	16.13	15.55	14.98	14.69	14.40	13.68
270.0	1.30	1.58	1.30	1.30	1.58	1.30	1.15	1.73	1.30
300.0	19.01	19.01	18.72	18.14	18.00	17.86	17.57	17.28	16.70
330.0	9.36	9.07	9.36	12.82	16.42	22.18	30.24	33.55	35.14
360.0	10.80	10.66	10.51	10.22	9.94	12.53	14.40	18.14	26.21
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	33.41	37.30	39.89	39.17	38.30	37.15	35.42	34.56	33.26
30.0	32.11	31.10	29.52	29.09	28.37	26.93	26.21	25.49	24.19
60.0	14.26	13.68	13.68	12.82	12.53	12.53	11.81	11.38	11.09
90.0	0.58	0.58	0.72	0.43	0.72	0.72	0.43	0.58	0.58
120.0	10.51	10.22	9.94	9.22	9.22	9.07	8.78	8.93	8.64
150.0	28.08	26.93	26.06	25.49	24.19	23.33	22.75	21.74	20.88
180.0	36.00	34.70	33.84	32.83	31.82	30.96	29.52	28.80	27.94
210.0	29.95	29.52	28.51	27.79	27.22	25.92	24.91	24.34	23.47
240.0	13.25	12.96	12.38	12.24	11.81	11.23	10.80	10.66	10.37
270.0	1.44	1.44	1.44	1.30	1.44	1.73	1.30	1.58	1.73
300.0	16.42	15.70	15.41	15.26	14.83	14.26	13.97	13.39	12.96
330.0	34.42	33.98	32.83	31.25	30.82	30.10	28.51	27.94	27.22
360.0	33.41	37.30	39.89	39.17	38.30	37.15	35.42	34.56	33.26

Intensity data(cd)

C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0
0.0	31.68	30.67	29.52	28.37	27.22	26.35	25.06	24.19	22.75
30.0	23.47	22.75	21.46	20.74	20.16	19.01	18.14	17.57	16.70
60.0	10.66	9.94	9.50	9.36	8.64	8.64	8.06	7.34	6.91
90.0	0.58	0.72	0.86	0.58	0.72	0.86	0.58	0.72	0.86
120.0	8.35	7.92	7.92	7.63	7.06	7.06	7.06	6.48	6.19
150.0	19.73	18.43	17.28	16.42	15.70	14.11	13.39	12.67	12.10
180.0	26.35	25.20	24.48	23.33	22.32	20.88	19.44	18.00	17.28
210.0	22.61	21.46	20.74	19.30	18.43	17.42	16.85	15.84	14.83
240.0	9.79	9.79	9.65	9.07	8.93	8.78	8.06	7.92	8.06
270.0	1.44	1.44	1.73	1.44	1.58	1.73	1.58	1.44	1.58
300.0	12.38	12.10	11.95	11.09	11.09	10.66	9.94	9.65	9.50
330.0	26.06	25.06	24.62	23.47	22.75	21.89	21.17	20.30	19.44
360.0	31.68	30.67	29.52	28.37	27.22	26.35	25.06	24.19	22.75
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	22.18	21.46	20.02	19.30	18.43	16.99	15.84	15.12	14.26
30.0	15.84	15.26	14.11	13.25	12.67	12.10	10.80	9.65	8.93
60.0	6.77	6.34	5.33	4.90	4.61	3.89	4.32	4.03	3.60
90.0	0.58	0.86	1.01	0.72	0.86	1.15	0.86	0.86	1.30
120.0	6.34	5.90	5.62	5.47	5.47	4.90	4.90	4.90	4.46
150.0	11.23	10.80	10.37	9.94	9.50	9.22	8.21	8.21	8.06
180.0	16.56	15.12	13.68	13.10	12.24	11.38	10.80	10.37	9.79
210.0	14.26	12.82	12.38	11.95	11.38	10.51	10.37	9.65	8.78
240.0	7.49	7.06	7.20	6.91	6.34	6.34	6.19	5.62	5.47
270.0	1.73	1.44	1.58	1.58	1.44	1.44	1.58	1.44	1.30
300.0	9.22	8.50	8.35	8.06	7.34	6.91	6.77	6.19	5.62
330.0	18.72	18.00	16.85	16.27	15.41	14.26	13.68	13.10	11.81
360.0	22.18	21.46	20.02	19.30	18.43	16.99	15.84	15.12	14.26
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	12.82	12.24	11.38	10.22	9.65	9.07	8.06	7.49	7.20
30.0	8.35	7.20	6.62	5.47	4.75	4.18	4.32	3.60	3.46
60.0	3.74	3.60	3.46	3.74	3.60	3.31	3.17	3.31	2.88
90.0	0.86	1.01	1.44	1.58	1.44	1.73	1.58	1.30	1.58
120.0	3.89	4.18	4.18	3.74	3.46	3.74	3.17	2.30	2.02
150.0	7.34	6.91	6.77	6.19	5.47	5.33	5.04	4.46	4.18
180.0	8.93	8.50	8.35	7.34	7.06	6.62	6.48	5.33	5.04
210.0	8.64	8.21	7.49	7.49	7.20	6.34	6.05	5.62	5.18
240.0	5.33	4.90	4.61	4.61	4.46	4.03	4.03	4.03	3.46
270.0	1.73	1.58	1.44	1.73	1.87	1.73	1.87	2.30	1.73
300.0	5.47	5.33	4.90	4.61	4.61	4.46	4.03	4.32	4.18
330.0	11.09	10.66	9.36	8.50	7.92	7.06	6.05	5.90	5.62
360.0	12.82	12.24	11.38	10.22	9.65	9.07	8.06	7.49	7.20
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	6.34	5.76	5.18	4.90	4.32	3.31	2.16	1.73	1.30
30.0	3.31	3.02	3.17	3.02	1.87	1.58	1.87	1.73	1.58
60.0	2.30	2.30	1.73	1.44	1.73	1.87	1.58	1.87	2.02
90.0	1.73	1.44	1.44	1.87	1.73	1.44	1.73	2.02	1.73
120.0	1.73	1.44	1.87	1.87	1.73	1.58	1.73	1.73	1.58
150.0	4.03	3.17	2.30	1.87	1.58	1.58	2.02	1.87	1.73
180.0	4.90	4.03	3.89	3.31	1.73	1.44	1.30	1.44	1.15
210.0	4.61	4.61	4.18	3.89	2.88	2.88	2.16	1.87	1.44
240.0	3.02	2.59	2.02	1.73	2.02	1.87	1.73	2.02	1.73
270.0	1.73	2.02	1.87	1.58	1.87	1.87	1.73	1.73	1.87
300.0	3.46	3.31	3.46	3.02	1.87	2.02	2.16	1.73	1.73
330.0	4.61	4.46	4.03	3.46	3.46	3.31	2.16	1.73	1.87
360.0	6.34	5.76	5.18	4.90	4.32	3.31	2.16	1.73	1.30

Intensity data(cd)

C/ γ (°)	180.0
0.0	1.30
30.0	1.87
60.0	2.02
90.0	1.73
120.0	2.02
150.0	1.87
180.0	1.30
210.0	1.87
240.0	2.02
270.0	1.73
300.0	2.02
330.0	1.87
360.0	1.30