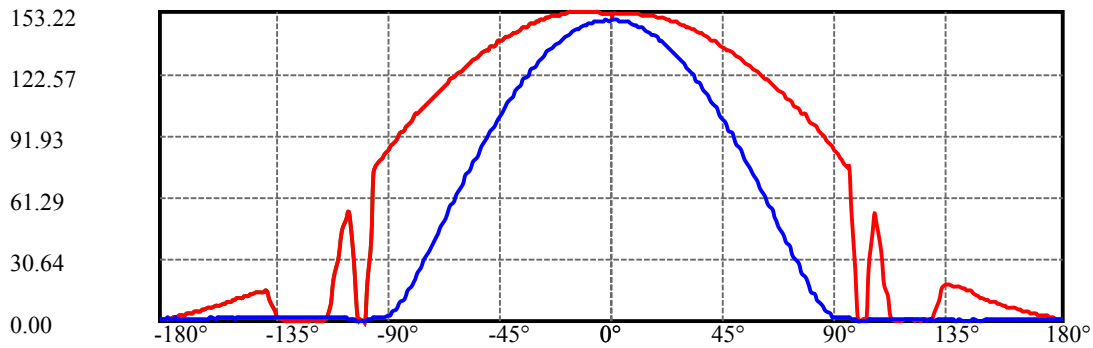
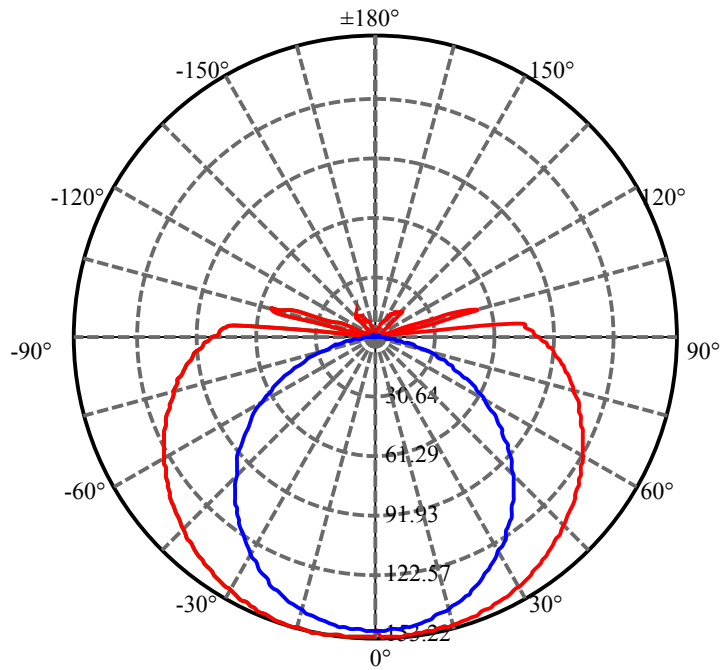

LumCAT: Gengpj glo '822
Luminaire: 8 W 3000 K
Report No: WG17044545P-2
Test No: WG17044545P-2
LampCAT:
Lamp flux(lm)
Number of Lamps: 0
Length(mm): 0
Phm Type: C

Voltage(V): 219.9800
Current(A): 0.0590
Power (W): 7.4800
PF: 0.5744
Ballast type:
Width(mm): 0
Height(mm): 0

Photometric Results

Lumens(lm): 682.57
Lumens(lm)/Power(W): 91.25
Central intensity(cd): 148.752
Maximum intensity(cd): 153.216
Angle of maximum intensity: C=180.0 γ =10.0
Beam Angle(50%Imax): [C0/180]Total=188.0
 [C90/270]Total=112.5
Field angle(10%Imax): [C0/180]Total=253.5
 [C90/270]Total=161.0
Beam angle of C180plane: 188.35
Aveage BeamAngle(IEC 61341):152.63
Maximum s/h(1/2): C0_180=1.46 C90_270=1.26
Maximum s/h(1/4): C0_180=1.63 C90_270=1.37
Up flux rate of LUM(%): 9.46%
Down flux rate of LUM(%): 90.54%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 57.191%



C180(Max): ——
 C0/C180: ——
 C90/C270: ——

Field angle(10%Imax):C0/180Left:101.3 Right:152.2
 :C90/270Left:83.1 Right:77.9

Beam Angle(50%Imax):C0/180Left:84.0 Right:104.0
 :C90/270Left:58.8 Right:53.7

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	148.75	152.21	152.35	152.21	152.21	152.35	152.21	152.21	152.21
30.0	150.19	150.34	150.19	150.48	150.34	150.19	150.48	150.34	150.19
60.0	149.33	149.33	149.47	149.18	149.04	149.04	148.46	148.46	148.18
90.0	149.04	149.18	149.18	148.90	148.75	148.61	148.18	148.03	147.60
120.0	148.32	148.46	148.46	148.46	148.32	148.18	147.74	147.74	147.60
150.0	150.34	150.19	150.19	150.19	150.34	150.05	150.19	150.34	150.05
180.0	152.21	152.50	152.64	152.64	152.64	152.78	152.78	152.78	152.93
210.0	150.19	150.19	150.05	150.19	150.05	149.90	150.19	150.05	150.05
240.0	149.33	149.47	149.47	149.18	149.18	149.04	149.04	148.61	148.46
270.0	149.04	148.90	149.04	148.75	148.90	148.61	148.46	148.18	147.74
300.0	148.32	148.46	148.46	148.32	148.32	148.32	148.03	147.74	147.60
330.0	150.34	150.19	150.19	150.34	150.19	150.19	150.19	150.34	150.05
360.0	148.75	152.21	152.35	152.21	152.21	152.35	152.21	152.21	152.21
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	152.06	152.06	152.06	151.78	151.63	151.63	151.49	151.20	151.06
30.0	150.19	150.05	149.90	149.76	149.62	149.47	149.04	148.75	148.46
60.0	147.74	147.46	146.88	146.45	145.87	145.58	145.01	144.00	143.57
90.0	147.02	146.59	146.02	145.15	144.43	143.86	143.14	142.13	141.55
120.0	147.02	146.45	146.16	145.87	145.44	145.01	144.29	143.71	143.42
150.0	150.19	150.05	149.90	149.62	149.47	149.33	149.04	148.75	148.46
180.0	153.07	153.22	153.07	153.22	153.07	153.07	152.93	152.93	152.78
210.0	150.05	149.90	149.76	149.62	149.62	149.47	149.18	149.04	148.61
240.0	148.18	147.89	147.60	147.31	146.88	146.30	145.87	145.15	144.58
270.0	147.31	146.88	146.45	145.87	145.01	144.58	143.71	142.99	141.98
300.0	147.17	146.88	146.74	146.16	145.73	145.44	145.01	144.29	144.00
330.0	150.05	150.19	150.05	149.90	149.62	149.47	149.18	148.90	148.75
360.0	152.06	152.06	152.06	151.78	151.63	151.63	151.49	151.20	151.06
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	150.62	150.48	150.19	149.90	149.47	149.18	148.75	148.32	148.18
30.0	148.18	147.74	147.31	147.02	146.59	146.02	145.73	145.15	144.43
60.0	142.99	141.98	141.26	140.54	139.39	138.67	137.81	136.66	136.08
90.0	140.54	139.39	138.96	137.52	136.51	135.36	134.06	132.62	131.62
120.0	142.42	141.70	141.12	140.11	139.68	138.82	137.52	136.66	136.08
150.0	148.18	147.60	147.46	147.17	146.88	146.16	145.73	145.01	144.58
180.0	152.64	152.50	152.21	151.78	151.63	151.49	150.91	150.77	150.05
210.0	148.32	148.03	147.74	147.17	146.88	146.30	145.87	145.44	144.86
240.0	144.14	143.57	142.56	141.84	141.12	140.40	139.25	138.67	137.66
270.0	141.26	140.11	139.39	138.24	137.38	136.51	135.07	133.78	132.91
300.0	143.28	142.42	141.84	140.98	139.97	139.25	138.53	137.52	136.80
330.0	148.32	148.18	147.74	147.31	146.74	146.45	145.87	145.44	144.86
360.0	150.62	150.48	150.19	149.90	149.47	149.18	148.75	148.32	148.18
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	147.60	146.74	146.30	146.02	145.30	144.72	144.29	143.57	142.85
30.0	144.14	143.42	142.70	142.42	141.26	140.69	140.26	139.25	138.38
60.0	134.78	133.78	132.77	131.18	130.32	129.17	127.73	126.29	125.28
90.0	130.03	128.59	127.58	125.57	124.27	122.98	121.68	119.23	117.94
120.0	134.78	134.06	132.77	131.62	130.03	129.17	128.16	126.29	125.42
150.0	143.86	143.14	142.56	141.84	140.83	140.26	139.54	138.67	138.10
180.0	149.76	149.18	148.75	148.18	147.89	147.17	146.74	146.02	145.15
210.0	144.43	143.71	143.14	142.56	141.55	140.98	140.40	139.25	138.38
240.0	136.37	135.65	134.64	132.91	132.19	131.04	129.60	128.88	127.44
270.0	131.33	129.74	128.74	127.01	125.57	124.27	122.26	120.53	119.52
300.0	135.65	134.35	133.34	132.34	130.75	129.74	129.02	127.87	126.72
330.0	144.43	143.57	143.28	142.42	141.70	140.98	140.40	139.54	138.82
360.0	147.60	146.74	146.30	146.02	145.30	144.72	144.29	143.57	142.85

Intensity data(cd)

Page: 5 Total:9

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	142.27	141.70	140.98	140.26	139.25	138.82	137.66	137.09	136.22
30.0	137.81	136.80	135.79	135.36	134.06	133.20	132.34	131.18	130.03
60.0	123.55	122.26	121.10	119.23	118.22	116.78	114.77	113.47	112.03
90.0	115.92	114.34	112.46	110.30	108.72	106.85	105.41	102.96	101.09
120.0	124.13	122.26	121.10	119.66	118.66	117.07	115.34	113.76	112.61
150.0	137.09	135.94	135.36	134.64	133.49	132.77	131.18	130.61	129.02
180.0	144.43	143.86	143.14	142.56	141.98	140.98	140.40	139.68	138.96
210.0	137.81	136.80	135.65	135.07	134.21	133.06	132.48	131.33	130.32
240.0	125.86	124.70	123.55	122.26	121.25	119.09	117.65	116.35	114.34
270.0	117.36	115.92	114.19	111.74	110.45	108.43	106.13	105.12	102.67
300.0	125.28	123.55	122.26	121.39	119.52	118.37	116.93	114.91	113.62
330.0	138.10	137.23	136.22	135.36	134.64	133.78	132.62	131.76	130.46
360.0	142.27	141.70	140.98	140.26	139.25	138.82	137.66	137.09	136.22
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	135.36	134.50	133.78	132.91	131.90	131.33	130.03	129.31	128.45
30.0	127.87	127.15	125.86	124.85	124.13	122.83	121.82	120.96	119.66
60.0	110.88	109.15	107.14	105.26	103.97	101.81	100.22	98.93	96.62
90.0	99.36	96.77	94.61	93.02	90.14	87.84	86.11	83.38	80.93
120.0	111.74	109.30	107.71	105.55	104.11	102.38	100.22	99.07	97.06
150.0	128.88	127.44	126.43	125.57	124.27	123.12	122.26	120.82	119.81
180.0	138.53	137.38	136.37	135.79	134.64	133.92	133.20	131.90	130.90
210.0	128.88	128.74	127.30	126.43	125.28	123.98	122.83	121.97	120.53
240.0	112.03	111.74	109.58	108.00	106.70	104.54	101.95	101.52	99.22
270.0	99.65	98.06	96.48	94.46	92.74	90.00	87.84	85.97	83.23
300.0	111.89	110.59	109.30	107.28	105.70	104.40	102.24	100.66	99.36
330.0	128.74	128.59	127.73	126.43	125.57	124.70	123.41	122.11	121.25
360.0	135.36	134.50	133.78	132.91	131.90	131.33	130.03	129.31	128.45
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	127.44	126.43	125.57	124.56	123.41	122.69	121.68	120.38	119.66
30.0	118.37	117.65	115.92	114.62	113.76	112.03	110.74	109.87	108.14
60.0	94.90	93.60	91.30	89.57	88.13	85.97	84.10	82.94	80.64
90.0	79.20	76.32	73.87	72.00	69.41	66.38	64.37	62.06	58.90
120.0	95.47	93.74	91.87	90.29	88.70	86.54	84.67	83.52	81.36
150.0	118.94	117.50	116.50	115.49	113.90	112.75	111.74	110.30	109.01
180.0	130.32	129.02	128.02	127.30	125.86	124.85	124.13	122.54	121.54
210.0	119.66	118.66	117.22	116.35	114.62	113.76	113.04	111.46	110.16
240.0	97.49	96.05	94.18	92.16	90.72	88.70	86.69	85.25	83.52
270.0	80.93	79.20	76.32	74.02	72.14	68.98	66.53	63.36	61.63
300.0	97.20	95.33	94.03	91.58	90.00	88.70	86.69	84.67	82.37
330.0	120.24	118.94	117.94	116.35	115.34	114.48	113.18	111.74	110.59
360.0	127.44	126.43	125.57	124.56	123.41	122.69	121.68	120.38	119.66
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	118.51	117.22	116.50	115.34	113.90	113.04	111.89	110.59	109.58
30.0	106.85	105.84	104.54	103.39	102.10	100.66	98.93	97.78	96.48
60.0	78.77	77.33	75.74	74.30	72.00	70.42	68.26	66.82	65.09
90.0	56.88	55.15	51.26	49.39	46.80	43.49	41.62	39.02	37.01
120.0	79.34	78.05	75.89	74.02	72.72	70.42	68.98	67.39	65.23
150.0	108.14	106.85	105.26	104.26	103.10	101.66	100.66	99.22	97.63
180.0	120.67	119.66	118.37	117.36	116.06	114.62	113.62	112.32	110.74
210.0	109.44	107.86	106.70	105.70	103.82	102.67	101.66	100.22	98.64
240.0	81.22	79.78	78.05	75.74	74.59	72.72	70.70	69.26	67.39
270.0	59.18	57.17	53.86	51.41	49.54	46.22	43.49	41.76	38.45
300.0	81.07	79.49	78.05	76.46	74.16	72.86	71.28	68.98	67.68
330.0	109.30	107.71	106.70	105.26	103.68	102.67	101.52	99.65	98.64
360.0	118.51	117.22	116.50	115.34	113.90	113.04	111.89	110.59	109.58

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	108.43	106.70	105.70	104.54	103.10	102.38	100.66	99.22	98.50
30.0	94.61	93.74	92.30	90.29	89.28	87.84	86.11	85.39	84.10
60.0	63.07	61.63	60.05	58.03	56.74	55.15	54.00	51.98	50.40
90.0	33.70	31.39	29.52	27.22	23.90	21.46	20.30	16.85	14.69
120.0	63.50	62.06	60.05	58.32	57.02	55.44	54.14	52.13	50.54
150.0	96.34	95.18	93.31	92.45	90.86	89.86	88.13	86.54	84.96
180.0	109.87	108.58	106.99	105.98	104.83	103.25	102.67	100.80	98.78
210.0	97.49	96.19	94.61	93.74	92.30	90.86	89.57	88.13	85.97
240.0	65.52	64.37	62.21	60.48	58.32	57.02	55.44	54.29	52.27
270.0	36.00	33.98	31.54	29.38	26.50	24.05	21.02	19.44	17.14
300.0	65.09	63.79	62.50	60.62	57.89	56.74	55.44	53.42	52.13
330.0	97.20	96.19	94.61	93.17	92.02	90.14	89.14	87.98	86.69
360.0	108.43	106.70	105.70	104.54	103.10	102.38	100.66	99.22	98.50
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	96.62	95.76	94.18	92.45	91.30	89.71	87.84	86.69	84.96
30.0	83.23	82.66	81.36	80.21	79.20	77.33	76.90	76.18	75.60
60.0	48.53	47.09	45.07	43.78	42.48	41.33	40.32	39.17	37.01
90.0	13.10	10.66	9.36	7.63	5.62	4.32	3.60	2.30	1.87
120.0	48.53	47.38	45.79	44.64	42.77	41.18	40.18	38.59	37.44
150.0	83.95	81.94	80.78	79.06	77.33	75.89	74.45	73.15	72.29
180.0	97.34	96.34	94.46	93.02	91.73	89.42	87.98	86.69	84.67
210.0	84.67	82.94	81.07	79.63	78.05	76.18	75.17	73.44	71.86
240.0	50.54	49.25	47.52	45.94	44.64	43.06	41.04	40.03	38.30
270.0	15.26	12.82	10.94	9.36	7.20	5.76	4.75	3.17	2.45
300.0	50.40	48.53	47.52	45.65	44.06	42.91	40.61	38.74	37.58
330.0	84.82	83.66	82.37	80.06	78.77	77.18	75.02	73.58	70.99
360.0	96.62	95.76	94.18	92.45	91.30	89.71	87.84	86.69	84.96
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
0.0	82.94	81.22	79.78	77.90	76.61	74.74	54.58	26.06	4.61
30.0	69.12	67.68	65.38	51.98	31.25	2.59	0.29	0.29	0.58
60.0	35.86	33.98	12.24	5.76	2.45	9.50	14.54	11.95	7.06
90.0	1.73	1.73	1.58	1.73	1.58	1.44	1.15	0.86	0.29
120.0	36.72	34.85	33.12	27.79	6.48	3.02	1.73	11.66	14.26
150.0	70.99	69.41	68.40	66.82	63.36	50.69	23.62	0.58	0.58
180.0	83.23	80.50	79.49	78.62	76.61	70.27	40.18	19.15	0.58
210.0	69.84	68.83	67.25	65.81	64.66	62.78	39.46	19.15	0.43
240.0	36.14	35.42	34.27	32.40	16.56	5.62	1.58	2.59	13.39
270.0	1.58	1.58	1.44	1.44	1.58	1.58	1.30	0.58	0.14
300.0	35.28	34.27	33.41	29.23	10.37	4.90	2.02	10.22	13.54
330.0	69.12	68.11	66.53	64.80	63.07	55.01	28.37	7.20	0.29
360.0	82.94	81.22	79.78	77.90	76.61	74.74	54.58	26.06	4.61
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0
0.0	0.43	0.58	0.58	2.74	26.64	43.63	53.14	48.38	38.45
30.0	6.34	29.81	42.05	38.45	29.81	22.18	15.98	6.05	0.86
60.0	3.17	0.29	0.43	0.29	0.29	0.43	0.29	0.43	0.58
90.0	0.00	0.14	0.29	0.43	0.58	0.58	1.15	1.15	1.30
120.0	12.96	8.93	6.77	1.73	0.58	0.43	0.43	0.43	0.43
150.0	0.58	2.74	12.24	30.53	41.33	40.03	35.42	31.39	24.91
180.0	0.43	0.58	0.72	13.54	29.09	50.40	54.72	50.69	45.22
210.0	0.58	0.58	1.87	15.84	30.10	43.34	41.04	37.73	30.67
240.0	14.83	12.96	9.07	4.75	1.87	0.43	0.29	0.29	0.29
270.0	0.29	0.14	0.14	0.29	0.58	1.01	1.30	1.73	2.02
300.0	10.08	4.03	0.86	0.43	0.43	0.43	0.29	0.29	0.43
330.0	0.58	0.58	11.38	31.10	42.62	35.86	28.66	19.01	12.82
360.0	0.43	0.58	0.58	2.74	26.64	43.63	53.14	48.38	38.45

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	29.38	18.43	11.95	3.74	0.58	0.29	0.43	0.29	0.43
30.0	0.43	0.43	0.43	0.58	0.43	0.43	0.43	0.29	0.29
60.0	0.58	0.58	0.72	1.58	3.89	7.92	9.79	10.37	10.80
90.0	1.01	1.01	1.15	0.86	0.86	0.72	0.72	0.58	0.58
120.0	0.43	0.43	0.43	0.43	0.43	0.43	0.58	0.58	2.16
150.0	16.56	9.94	4.90	0.72	0.43	0.58	0.58	0.43	0.43
180.0	40.18	30.96	23.47	17.71	8.50	1.73	0.58	0.43	0.29
210.0	24.05	18.86	10.08	3.46	0.58	0.58	0.43	0.29	0.58
240.0	0.14	0.29	0.14	0.29	0.58	0.58	0.72	0.86	1.30
270.0	2.02	2.02	1.87	2.02	2.16	1.87	2.02	1.87	1.87
300.0	0.58	0.72	0.86	1.15	3.17	6.77	8.93	10.08	10.37
330.0	6.48	0.58	0.58	0.43	0.58	0.43	0.43	0.43	0.43
360.0	29.38	18.43	11.95	3.74	0.58	0.29	0.43	0.29	0.43
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0
0.0	0.58	0.58	0.58	0.58	0.43	0.58	0.43	0.58	0.58
30.0	0.43	0.58	0.58	0.58	0.58	1.30	4.32	6.77	10.66
60.0	10.80	10.94	10.94	10.80	10.66	10.51	10.22	9.79	9.36
90.0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
120.0	3.60	6.34	7.92	8.21	8.64	8.78	8.93	8.93	9.07
150.0	0.43	0.43	0.58	0.29	0.43	0.43	0.43	0.43	0.43
180.0	0.43	0.43	0.58	0.43	0.29	0.43	0.29	0.43	0.43
210.0	0.43	0.29	0.43	0.43	0.43	0.43	0.29	0.58	0.43
240.0	2.74	4.46	7.63	9.22	9.65	9.65	9.94	9.79	9.79
270.0	2.02	2.02	1.87	2.02	2.02	2.02	2.02	1.87	1.87
300.0	10.80	10.94	11.09	11.09	10.80	10.51	10.22	9.79	9.65
330.0	0.58	0.43	0.58	0.58	0.58	0.58	1.01	1.58	4.46
360.0	0.58	0.58	0.58	0.58	0.43	0.58	0.43	0.58	0.58
C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	0.58	0.58	1.15	3.74	8.35	11.66	16.13	18.43	18.29
30.0	15.70	16.70	16.56	16.42	16.27	16.13	15.84	15.70	15.26
60.0	9.07	8.78	8.50	8.35	7.92	7.78	7.49	7.20	7.06
90.0	0.43	0.58	0.58	0.43	0.58	0.58	0.58	0.58	0.58
120.0	9.07	9.07	9.07	8.93	8.78	8.35	8.35	8.06	7.63
150.0	0.58	0.58	0.72	1.30	3.89	6.05	9.36	13.10	13.82
180.0	0.43	0.29	0.29	0.43	0.29	0.58	0.58	1.44	4.46
210.0	0.58	0.58	0.58	0.72	1.30	3.02	6.62	9.22	12.24
240.0	9.65	9.50	9.50	9.07	8.93	8.78	8.50	8.50	8.35
270.0	1.87	1.73	1.87	1.87	1.87	1.87	1.73	1.58	1.73
300.0	9.50	9.22	9.22	8.93	8.64	8.50	8.35	8.21	7.92
330.0	7.06	11.95	15.98	17.14	17.14	17.14	16.85	16.70	16.27
360.0	0.58	0.58	1.15	3.74	8.35	11.66	16.13	18.43	18.29
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	18.14	17.57	17.42	17.14	16.70	16.27	15.84	15.41	14.98
30.0	14.69	14.40	13.97	13.25	12.67	11.81	11.38	10.80	10.22
60.0	6.77	6.48	6.19	6.19	5.76	5.62	5.47	5.33	5.18
90.0	0.58	0.58	0.43	0.43	0.58	0.43	0.43	0.43	0.29
120.0	7.49	7.20	7.06	7.06	6.77	6.34	6.19	5.90	5.62
150.0	13.82	13.82	13.54	13.25	12.96	12.82	12.24	11.95	11.66
180.0	6.91	10.37	13.97	15.12	14.69	14.54	14.26	13.97	13.39
210.0	14.11	14.11	13.97	13.68	13.68	13.39	13.10	12.82	12.24
240.0	8.06	7.78	7.92	7.63	7.49	7.20	7.06	6.91	6.62
270.0	1.73	1.73	1.58	1.44	1.44	1.58	1.58	1.44	1.44
300.0	7.63	7.34	7.34	7.06	6.77	6.62	6.48	6.19	5.90
330.0	16.13	15.55	15.12	14.69	13.97	13.39	12.67	12.24	11.52
360.0	18.14	17.57	17.42	17.14	16.70	16.27	15.84	15.41	14.98

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	13.97	13.25	12.67	11.66	11.23	10.80	10.22	9.94	9.50
30.0	9.79	9.50	8.93	8.78	8.50	7.92	7.78	7.34	7.06
60.0	4.90	4.75	4.61	4.46	4.46	4.03	4.18	4.03	3.89
90.0	0.58	0.58	0.43	0.43	0.43	0.58	0.58	0.58	0.58
120.0	5.47	5.47	5.18	4.75	4.90	4.32	4.32	4.18	3.89
150.0	11.38	10.94	10.51	10.22	9.65	9.22	8.93	8.64	8.35
180.0	13.10	12.67	12.24	11.81	11.23	11.09	10.66	10.22	9.65
210.0	11.95	11.66	11.23	10.80	10.51	10.08	9.94	9.50	8.93
240.0	6.34	6.34	5.76	5.62	5.47	5.47	5.18	5.18	4.90
270.0	1.44	1.44	1.44	1.58	1.44	1.44	1.30	1.44	1.44
300.0	5.90	5.76	5.47	5.33	5.18	5.04	4.90	4.61	4.46
330.0	11.23	10.80	10.22	9.94	9.50	9.22	8.93	8.64	8.06
360.0	13.97	13.25	12.67	11.66	11.23	10.80	10.22	9.94	9.50
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0
0.0	9.22	8.64	8.35	7.92	7.34	7.06	6.91	6.34	6.19
30.0	6.62	6.34	5.90	5.76	5.62	5.18	5.04	4.61	4.61
60.0	3.74	3.60	3.46	3.31	3.17	3.02	3.02	2.74	2.30
90.0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
120.0	3.74	3.74	3.60	3.17	3.31	3.17	3.02	2.74	2.88
150.0	7.92	7.34	7.20	6.77	6.34	6.19	5.90	5.33	5.18
180.0	9.22	8.64	8.50	8.06	7.63	7.34	6.91	6.34	6.19
210.0	8.64	8.21	7.92	7.49	7.06	6.91	6.48	6.19	5.90
240.0	4.61	4.61	4.46	4.32	4.18	3.89	3.89	3.60	3.46
270.0	1.44	1.44	1.44	1.44	1.44	1.30	1.44	1.44	1.15
300.0	4.32	4.18	4.18	4.03	3.74	3.74	3.74	3.46	3.46
330.0	7.63	7.49	7.20	6.77	6.48	6.05	5.90	5.47	5.33
360.0	9.22	8.64	8.35	7.92	7.34	7.06	6.91	6.34	6.19
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	5.76	5.33	5.04	4.90	4.32	4.18	4.03	3.74	3.31
30.0	4.03	4.03	3.60	3.46	3.31	3.02	2.59	1.73	1.30
60.0	2.30	1.87	1.44	1.44	1.44	1.30	1.15	1.15	1.01
90.0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.72	0.72
120.0	2.88	2.59	2.45	2.45	2.30	2.02	2.02	2.02	1.73
150.0	4.75	4.46	4.18	4.18	3.89	3.60	3.31	3.17	2.74
180.0	5.76	5.62	5.04	4.61	4.46	4.18	3.89	3.46	3.31
210.0	5.47	5.18	5.04	4.75	4.32	4.18	4.03	3.74	3.46
240.0	3.31	3.17	3.02	2.88	2.74	2.74	2.45	2.30	2.16
270.0	1.15	1.15	1.15	1.15	1.30	1.15	1.15	1.15	1.01
300.0	2.88	2.59	2.45	2.16	2.02	1.87	1.73	1.73	1.30
330.0	4.90	4.75	4.61	4.32	3.89	3.60	3.46	3.31	2.74
360.0	5.76	5.33	5.04	4.90	4.32	4.18	4.03	3.74	3.31
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.17	3.02	2.74	2.59	2.16	1.87	1.15	1.01	0.86
30.0	1.30	1.15	1.01	0.86	0.86	0.86	1.30	1.30	1.30
60.0	0.72	0.86	1.15	1.01	1.15	1.30	1.15	1.30	1.30
90.0	0.72	1.15	1.15	1.15	1.30	1.30	1.30	1.30	1.30
120.0	1.58	1.30	1.30	1.30	1.30	1.15	1.30	1.44	1.15
150.0	2.74	2.30	2.16	1.87	1.44	1.58	1.30	1.15	1.30
180.0	3.17	2.59	2.30	2.02	1.73	1.30	1.15	0.86	0.86
210.0	3.31	3.02	2.59	2.30	2.16	1.58	1.44	1.30	1.30
240.0	2.02	1.87	1.58	1.44	1.44	1.30	1.44	1.30	1.30
270.0	1.15	1.30	1.30	1.44	1.30	1.30	1.44	1.30	1.30
300.0	1.30	1.15	1.15	1.15	1.30	1.30	1.30	1.15	1.30
330.0	2.16	1.87	1.73	1.44	1.01	1.15	1.15	1.15	1.30
360.0	3.17	3.02	2.74	2.59	2.16	1.87	1.15	1.01	0.86

Intensity data(cd)

C/ γ (°)	180.0
0.0	0.86
30.0	1.30
60.0	1.30
90.0	1.30
120.0	1.15
150.0	1.44
180.0	0.86
210.0	1.30
240.0	1.30
270.0	1.30
300.0	1.15
330.0	1.44
360.0	0.86