

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 投光灯

灯具描述: F2022A-30-UN (2515-OL-30WN-C, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210325005

电流(A): 0.1710

光源规格型号: CR

功率(W): 35.5000

每个光源光通量(lm)

功率因数: 0.9410

光源数量: 30

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 152

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2976.83

灯具效能(lm/w): 83.85

中心光强(cd): 15884.680

最大光强(cd): 15961.420

最大光强角度: $C=60.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=25.2

[C90/270]Total=12.5

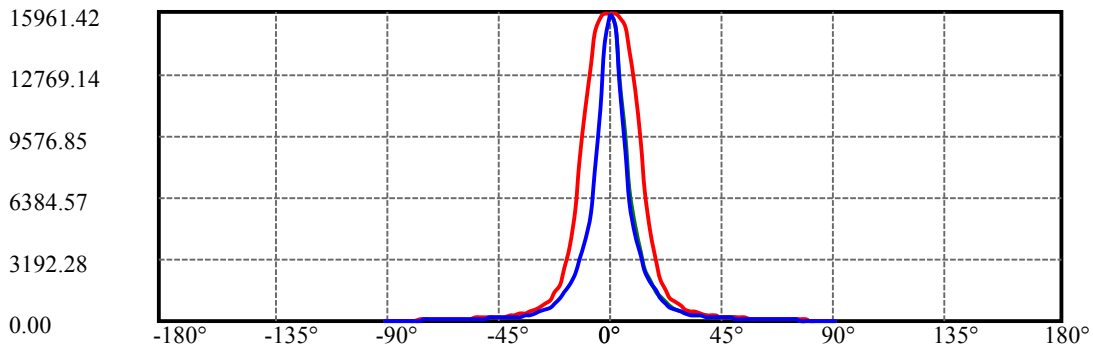
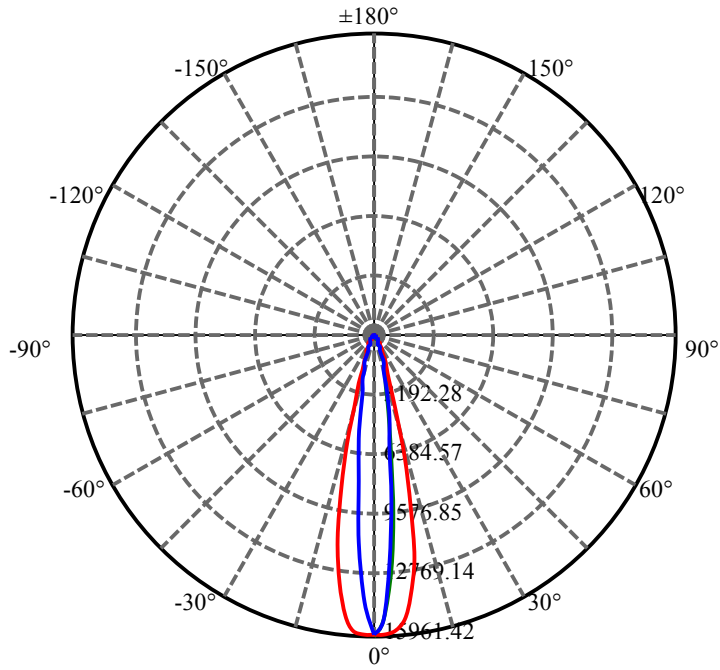
光束扩散角(10%Imax): [C0/180]Total=43.4

[C90/270]Total=35.3

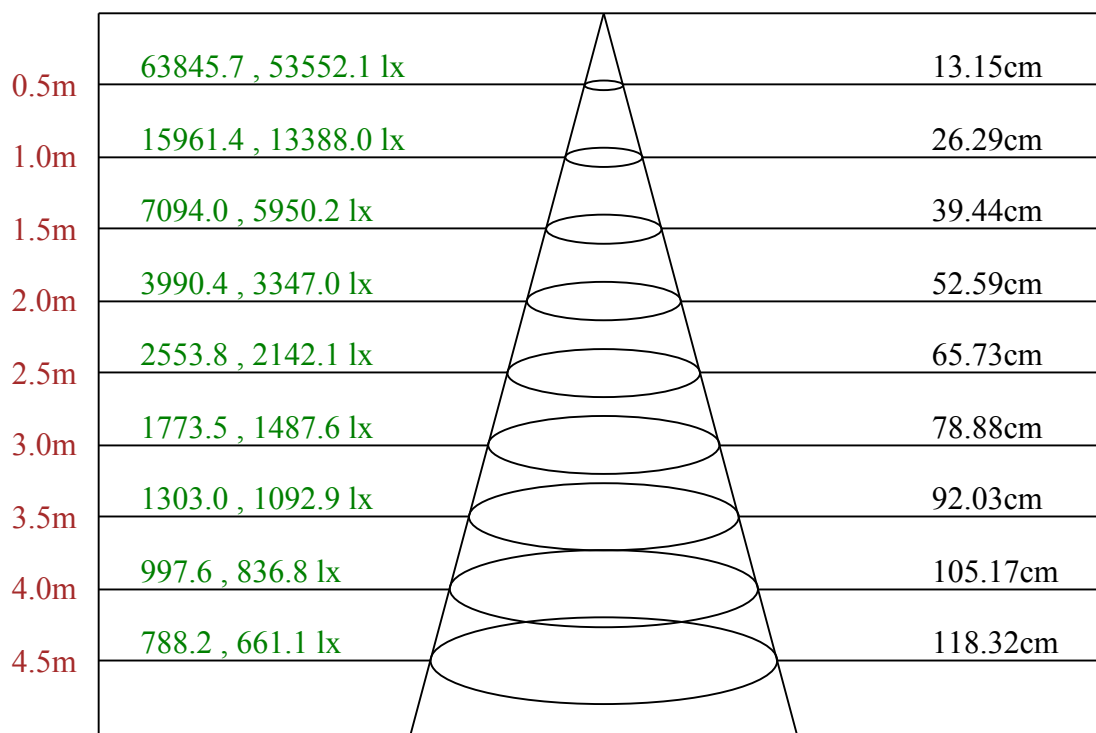
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

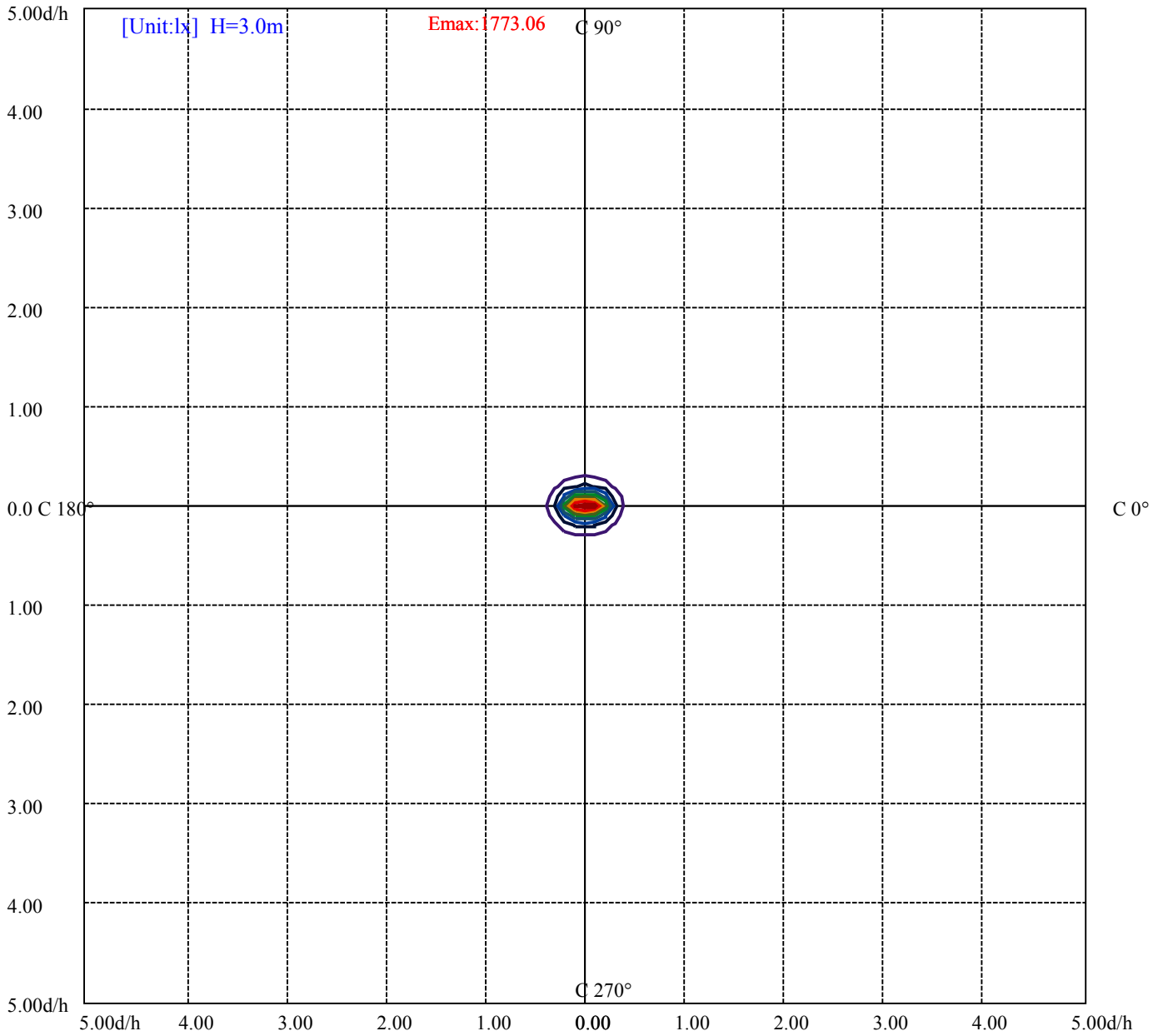


C60(Max): —
C0/C180: —
C90/C270: —



Max , Ave C60面光束角14.98

ROLED 投光灯
平面等照度曲线



(10%Emax) 177.3056	——
(20%Emax) 354.6122	——
(30%Emax) 531.9177	——
(40%Emax) 709.2244	——
(50%Emax) 886.53	——
(60%Emax) 1063.837	——
(70%Emax) 1241.144	——
(80%Emax) 1418.444	——
(90%Emax) 1595.755	——

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共8页

亮度值表

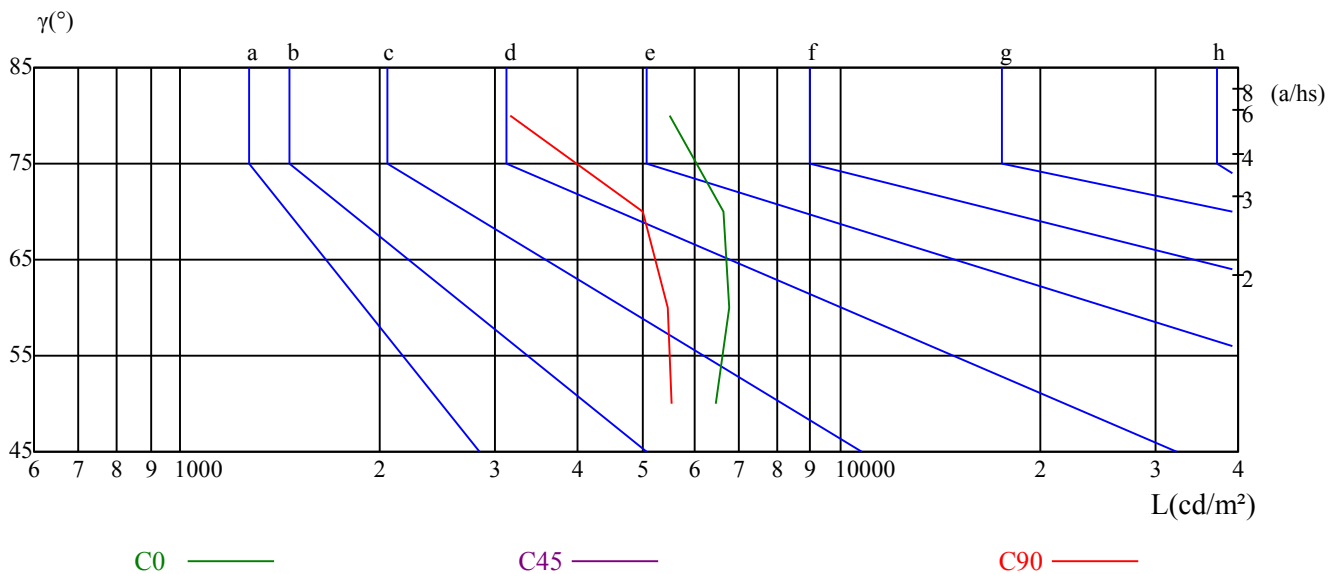
γ	45	50	55	60	65	70	75	80	85
C0	0	6469	0	6761	0	6659	0	5502	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5530	0	5467	0	5002	0	3166	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
1230	956	0	921	643	0	547	311	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

亮度限制曲线



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/25
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	10.37	11.46	10.74	11.78	12.09	11.18	12.27	11.54	12.58	12.89
	3H	12.15	13.12	12.53	13.45	13.82	13.25	14.21	13.63	14.55	14.91
	4H	12.75	13.65	13.16	14.00	14.39	13.98	14.87	14.38	15.23	15.62
	6H	13.02	13.84	13.44	14.22	14.61	14.43	15.25	14.85	15.63	16.02
	8H	13.04	13.82	13.47	14.21	14.62	14.54	15.31	14.97	15.70	16.11
	12H	13.03	13.77	13.46	14.15	14.59	14.62	15.36	15.06	15.75	16.18
4H	2H	11.15	12.05	11.56	12.40	12.79	11.76	12.66	12.17	13.01	13.40
	3H	13.09	13.83	13.50	14.24	14.64	14.01	14.75	14.43	15.16	15.57
	4H	13.78	14.45	14.22	14.87	15.31	14.85	15.51	15.28	15.93	16.38
	6H	14.07	14.64	14.54	15.09	15.56	15.31	15.87	15.78	16.32	16.80
	8H	14.10	14.62	14.57	15.07	15.55	15.44	15.97	15.91	16.42	16.89
	12H	14.08	14.54	14.57	15.03	15.50	15.52	15.98	16.01	16.47	16.95
8H	4H	14.08	14.61	14.56	15.06	15.53	15.02	15.55	15.49	16.00	16.47
	6H	14.45	14.87	14.95	15.37	15.85	15.58	16.00	16.09	16.50	16.98
	8H	14.50	14.88	15.03	15.40	15.89	15.76	16.13	16.29	16.65	17.15
	12H	15.08	15.40	15.60	15.90	16.47	16.39	16.71	16.91	17.21	17.79
12H	4H	14.08	14.54	14.57	15.03	15.51	14.99	15.45	15.48	15.94	16.41
	6H	14.83	14.84	15.00	15.31	15.86	15.93	15.94	16.10	16.41	16.96
	8H	14.55	14.88	15.07	15.37	15.95	15.78	16.10	16.30	16.60	17.18
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.6					
S = 1.5H	0.8/-0.6					0.8/-0.6					
S = 2.0H	1.1/-0.9					1.1/-0.6					
标准表格	BK4					BK3					
更正系数	0.3					0.8					

ROLED 投光灯

光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	15884.68	15830.97	15677.49	15171.02	13981.59	12024.78	9208.51	6745.24	4558.21
30.0	15953.75	15777.25	14871.75	13244.91	11119.28	8563.92	6323.18	4343.35	3084.08
60.0	15961.42	15085.08	12427.65	9536.18	6795.88	4926.55	3609.74	2685.05	2065.78
90.0	15900.03	15094.29	12116.87	8748.09	6100.64	4466.13	3358.80	2594.50	1988.27
120.0	15915.38	14993.76	12446.84	9388.85	6778.23	4837.54	3617.41	2701.16	2058.10
150.0	15877.01	15731.21	14771.99	13022.37	10766.29	8164.88	5878.10	4174.53	2932.91
180.0	15884.68	15892.36	15669.82	14901.67	13223.42	10918.99	8230.87	5835.89	3849.16
210.0	15953.75	15308.38	14196.46	12286.46	9919.87	7555.58	5334.80	3826.90	2711.91
240.0	15961.42	14818.03	12331.73	9231.53	6676.17	4895.86	3898.27	2747.21	2101.08
270.0	15900.03	14141.97	10961.97	7771.98	5535.08	4148.43	3166.19	2442.56	1880.07
300.0	15915.38	14856.40	12270.34	9170.14	6752.91	4872.84	3882.92	2744.90	2131.00
330.0	15877.01	15300.71	14091.33	12304.11	9989.70	7537.17	5448.37	3856.83	2785.57
360.0	15884.68	15830.97	15677.49	15171.02	13981.59	12024.78	9208.51	6745.24	4558.21

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3100.20	2165.54	1575.42	1210.15	960.75	775.82	635.39	535.63	447.38
30.0	2223.09	1678.25	1285.35	1014.47	827.23	674.52	558.65	467.33	397.50
60.0	1519.71	1242.00	974.95	784.26	631.47	521.82	435.03	368.57	317.92
90.0	1537.82	1202.48	922.39	717.50	570.16	468.10	387.52	330.28	284.47
120.0	1520.63	1259.26	984.77	780.04	632.39	515.06	432.49	362.89	314.93
150.0	2165.54	1620.70	1243.15	980.71	796.54	649.20	537.16	454.29	389.06
180.0	2681.98	1897.72	1441.21	1115.30	897.68	728.09	600.86	500.48	420.60
210.0	2035.08	1512.57	1200.48	966.82	783.49	638.15	529.11	447.92	378.55
240.0	1638.35	1282.29	1016.77	798.84	644.60	524.12	438.17	388.29	320.61
270.0	1484.72	1143.77	888.24	686.72	556.04	451.06	374.48	319.23	275.87
300.0	1640.65	1297.63	1013.70	796.54	648.43	527.95	435.87	389.06	320.99
330.0	2056.57	1525.85	1224.43	980.94	792.85	646.36	535.86	449.84	384.15
360.0	3100.20	2165.54	1575.42	1210.15	960.75	775.82	635.39	535.63	447.38

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	389.83	329.36	286.08	251.01	224.07	200.59	183.17	170.66	159.38
30.0	341.79	297.51	260.14	230.83	207.42	189.85	175.35	164.06	155.70
60.0	280.02	247.94	223.00	203.74	186.86	173.35	162.22	153.40	145.72
90.0	251.32	226.22	206.73	191.69	178.03	166.67	155.78	145.88	137.44
120.0	275.56	245.79	221.39	201.74	186.24	173.12	162.45	153.71	146.72
150.0	332.43	288.00	253.85	225.53	204.20	186.55	172.81	162.99	154.70
180.0	360.82	310.94	273.26	240.34	213.56	192.76	177.80	164.83	155.09
210.0	327.59	284.47	249.40	222.31	200.59	184.09	170.74	161.00	153.24
240.0	280.94	248.94	223.15	202.43	186.70	173.04	162.30	153.32	145.34
270.0	246.33	222.23	202.51	186.93	174.12	162.30	152.63	143.42	135.44
300.0	278.71	248.86	223.38	202.89	186.40	172.97	162.68	154.01	146.80
330.0	330.36	288.38	252.01	224.30	202.36	185.70	172.74	162.68	155.32
360.0	389.83	329.36	286.08	251.01	224.07	200.59	183.17	170.66	159.38

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	151.33	147.11	143.58	138.74	132.07	123.78	113.19	104.06	93.47
30.0	149.02	143.65	139.20	133.83	127.15	119.17	110.50	100.60	91.24
60.0	138.97	132.99	127.15	121.55	115.18	108.05	98.61	86.94	76.66
90.0	130.68	124.39	118.64	112.19	104.29	95.62	87.17	78.73	70.21
120.0	140.35	134.06	128.61	122.63	116.03	107.97	98.61	87.17	77.27
150.0	148.26	142.12	136.13	128.15	121.40	114.11	103.52	93.54	82.57
180.0	149.25	145.57	141.43	135.83	128.84	119.17	108.81	98.38	87.79
210.0	147.26	142.19	137.51	131.91	124.70	116.79	107.89	98.07	88.02
240.0	138.51	132.22	126.92	121.25	115.72	107.97	97.92	85.87	75.89
270.0	129.15	122.63	116.95	110.20	102.14	92.55	84.49	76.43	68.07
300.0	140.35	134.29	128.54	123.01	116.72	108.81	98.91	87.86	77.43
330.0	149.72	145.26	140.12	134.37	127.23	119.02	110.35	99.99	90.17
360.0	151.33	147.11	143.58	138.74	132.07	123.78	113.19	104.06	93.47

ROLED 投光灯

光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	83.49	73.05	62.16	50.49	39.21	28.09	16.73	6.29	1.15
30.0	81.11	70.60	58.63	45.12	33.00	23.79	12.58	3.84	1.15
60.0	65.92	57.09	48.50	34.38	24.10	13.20	4.14	2.07	1.23
90.0	63.46	55.25	42.21	31.31	22.56	10.36	2.76	2.15	1.30
120.0	66.68	58.01	48.57	34.53	23.94	12.74	3.53	2.07	1.15
150.0	72.90	62.54	46.73	36.14	27.93	20.72	10.13	2.92	1.07
180.0	76.81	64.92	53.41	42.36	31.39	22.71	13.43	2.53	0.92
210.0	77.97	66.30	54.56	40.36	29.54	20.64	10.05	2.30	1.00
240.0	65.15	56.56	47.58	32.69	23.02	12.12	3.07	1.92	1.07
270.0	61.01	51.49	37.83	27.63	17.50	8.75	2.61	1.92	1.00
300.0	66.61	58.55	48.88	34.22	23.48	12.43	3.38	2.07	1.15
330.0	80.04	68.14	54.87	41.90	31.23	22.10	10.21	3.07	1.07
360.0	83.49	73.05	62.16	50.49	39.21	28.09	16.73	6.29	1.15

C/γ(°)	90.0
0.0	0.54
30.0	0.38
60.0	0.38
90.0	0.38
120.0	0.23
150.0	0.23
180.0	0.31
210.0	0.23
240.0	0.23
270.0	0.23
300.0	0.23
330.0	0.31
360.0	0.54