

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3071A-36-UN(2515-OL-36WN-AA, L350mm, C, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210330004

电流(A): 0.2000

光源规格型号: OL

功率(W): 43.3000

每个光源光通量(lm)

功率因数: 0.9820

光源数量: 36

镇流器型号:

发光面长度(mm): 290

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 3853.25

灯具效能(lm/w): 88.99

中心光强(cd): 21263.990

最大光强(cd): 21494.200

最大光强角度: $C=30.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=24.7

[C90/270]Total=12.3

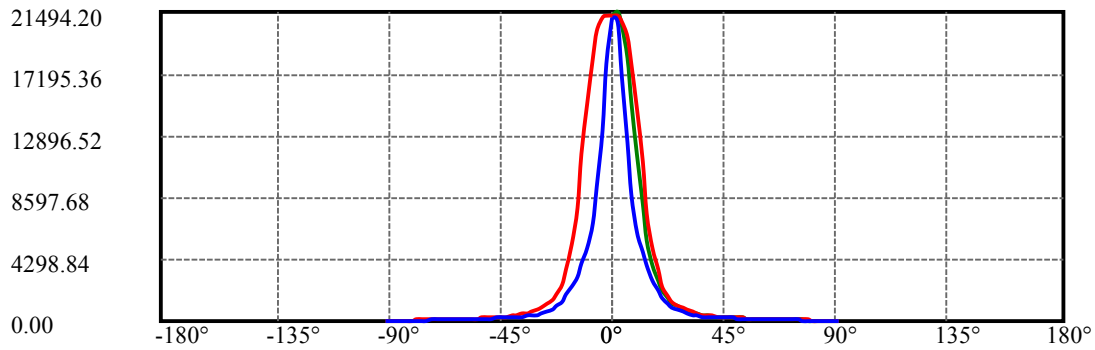
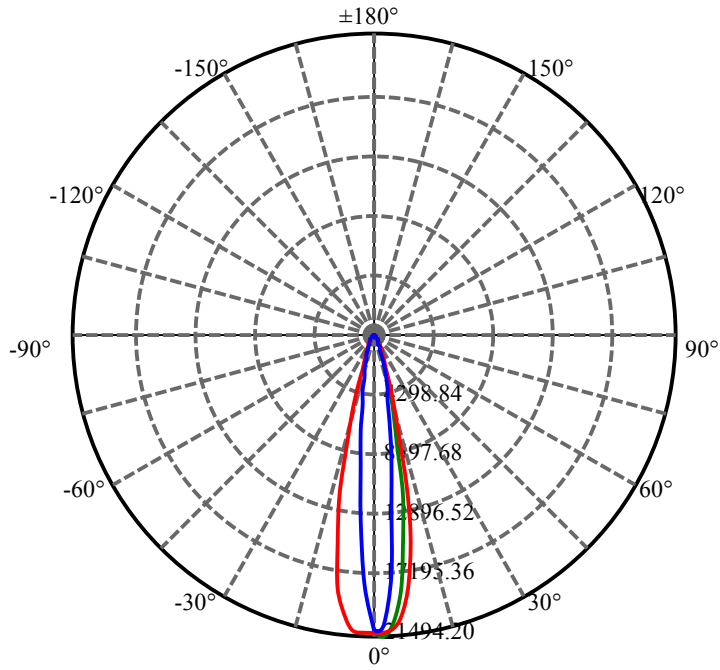
光束扩散角(10%Imax): [C0/180]Total=42.3

[C90/270]Total=35.1

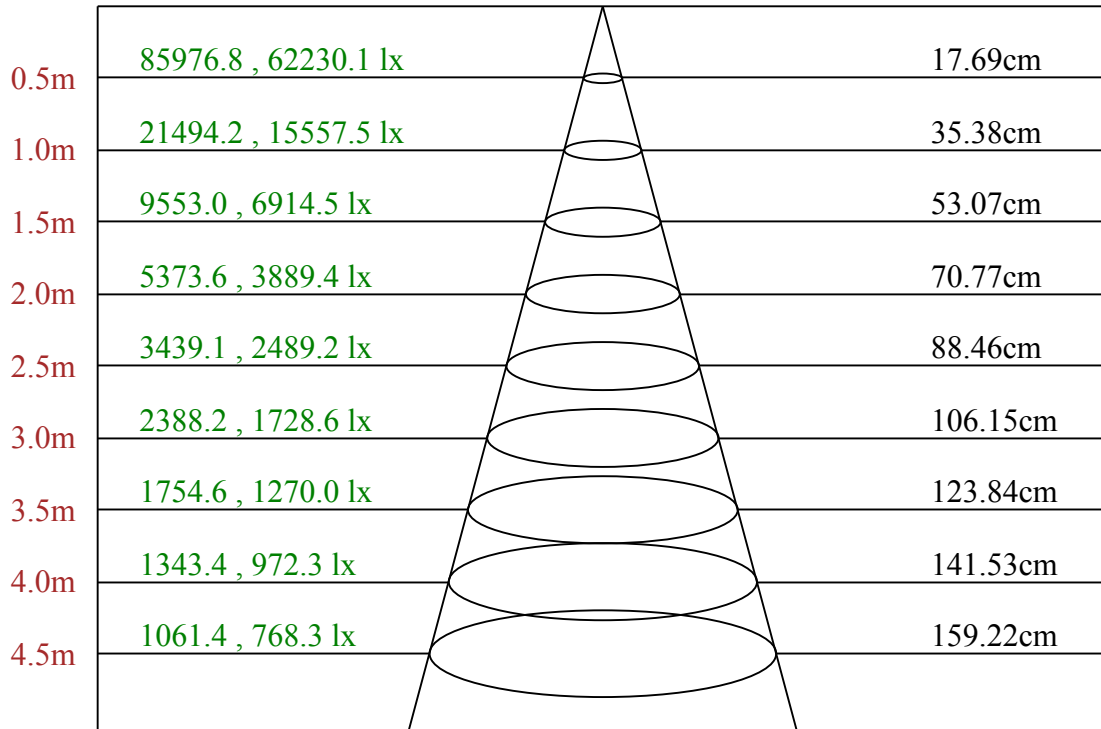
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/30
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

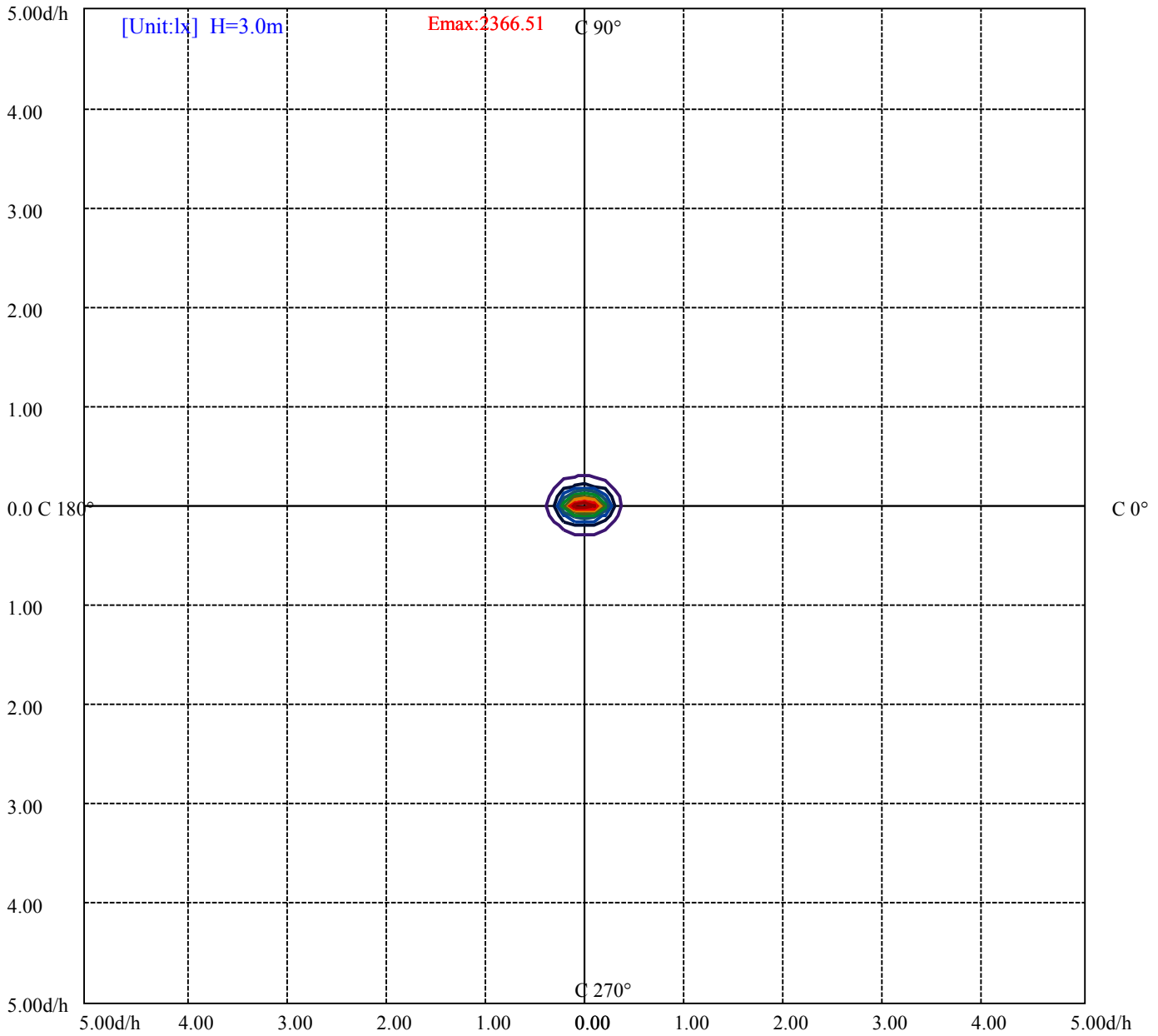


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角20.06

ROLED 投光灯
平面等照度曲线



- (10%Emax) 236.65
- (20%Emax) 473.3
- (30%Emax) 709.9511
- (40%Emax) 946.6011
- (50%Emax) 1183.255
- (60%Emax) 1419.9
- (70%Emax) 1656.556
- (80%Emax) 1893.2
- (90%Emax) 2129.855

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

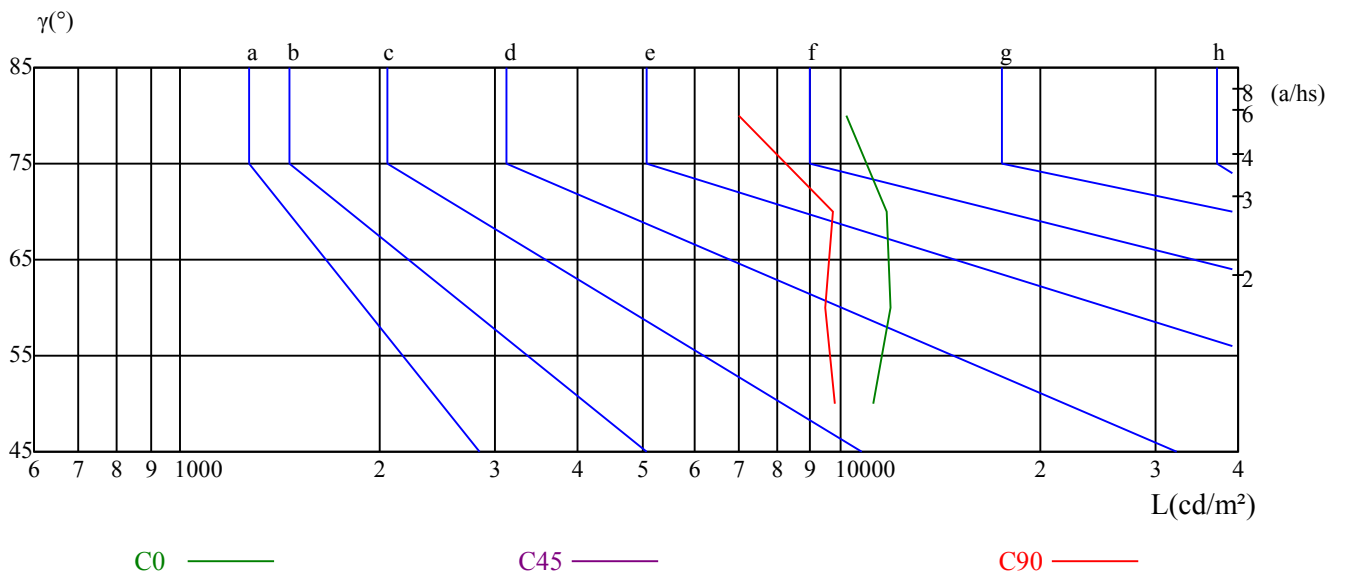
γ	45	50	55	60	65	70	75	80	85
C0	0	11179	0	11884	0	11770	0	10208	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9816	0	9480	0	9735	0	7027	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	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



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	11.20	12.29	11.56	12.60	12.92	12.36	13.45	12.72	13.76	14.07
	3H	13.17	14.14	13.55	14.47	14.84	14.43	15.40	14.81	15.73	16.10
	4H	13.83	14.73	14.23	15.08	15.47	15.20	16.10	15.61	16.46	16.84
	6H	14.19	15.01	14.61	15.39	15.78	15.76	16.58	16.18	16.96	17.35
	8H	14.26	15.04	14.70	15.43	15.84	15.92	16.70	16.35	17.09	17.50
	12H	14.33	15.07	14.76	15.46	15.89	16.08	16.82	16.51	17.20	17.63
4H	2H	11.98	12.88	12.39	13.24	13.63	12.87	13.77	13.27	14.12	14.51
	3H	14.09	14.83	14.50	15.24	15.64	15.11	15.85	15.52	16.26	16.66
	4H	14.84	15.50	15.28	15.92	16.37	15.97	16.64	16.41	17.06	17.51
	6H	15.21	15.78	15.68	16.23	16.70	16.54	17.10	17.00	17.55	18.03
	8H	15.31	15.84	15.78	16.29	16.76	16.74	17.27	17.21	17.72	18.19
	12H	15.37	15.83	15.86	16.32	16.80	16.90	17.37	17.39	17.85	18.33
8H	4H	15.13	15.66	15.61	16.11	16.59	16.14	16.67	16.61	17.12	17.59
	6H	15.62	16.04	16.13	16.54	17.03	16.82	17.24	17.32	17.74	18.23
	8H	15.77	16.14	16.29	16.66	17.16	17.08	17.46	17.61	17.98	18.47
	12H	16.36	16.68	16.88	17.18	17.76	17.76	18.08	18.28	18.58	19.16
12H	4H	15.15	15.61	15.64	16.09	16.57	16.12	16.58	16.61	17.07	17.54
	6H	16.03	16.04	16.20	16.51	17.06	17.19	17.20	17.35	17.67	18.21
	8H	15.85	16.17	16.37	16.67	17.25	17.12	17.44	17.64	17.94	18.52
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.6					0.3/-0.6					
S = 1.5H	0.7/-0.6					0.8/-0.6					
S = 2.0H	0.9/-0.7					1.0/-0.6					
标准表格	BK4					BK3					
更正系数	2.3					2.7					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	21263.99	21171.90	20841.93	19821.32	17856.84	14664.56	11057.89	7520.28	5026.31
30.0	21256.32	21494.20	20573.35	18263.55	15186.37	11479.94	8141.86	5670.91	3890.60
60.0	21340.73	20857.28	17641.97	13346.20	9387.31	6739.10	4935.76	3726.38	2776.37
90.0	21133.54	20749.85	17097.14	12354.75	8748.09	6200.40	4757.73	3928.97	2807.06
120.0	21294.68	20688.46	17688.02	13511.19	9615.22	6871.85	5168.28	3876.78	2982.79
150.0	21225.62	21402.12	20511.96	18463.07	15378.22	11978.74	8671.35	6154.36	4281.96
180.0	21263.99	21279.34	21079.82	20212.68	18286.57	15115.77	11644.93	7936.97	5402.33
210.0	21256.32	20013.17	17795.45	15056.68	11727.04	8806.41	6366.92	4648.00	3371.08
240.0	21340.73	18954.19	14879.42	10981.15	7988.38	6016.23	4542.87	3495.40	2668.93
270.0	21133.54	17841.49	13218.82	9289.85	6869.55	5119.93	4004.17	3082.55	2385.77
300.0	21294.68	19030.92	15224.74	11073.24	8095.82	5832.06	4427.76	3392.57	2627.50
330.0	21225.62	20051.53	17910.56	15131.12	11835.24	8791.06	6241.84	4404.74	3160.82
360.0	21263.99	21171.90	20841.93	19821.32	17856.84	14664.56	11057.89	7520.28	5026.31
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3572.90	2414.16	1786.45	1392.02	1113.46	902.43	742.82	621.57	526.42
30.0	2837.76	2109.52	1612.26	1265.40	1025.98	834.14	688.34	580.14	489.59
60.0	2152.49	1517.18	1299.55	1021.07	815.87	670.30	556.19	470.71	406.48
90.0	2145.58	1632.21	1254.66	962.29	757.40	613.13	511.07	428.96	388.29
120.0	2288.32	1751.92	1359.79	1076.55	855.62	691.18	576.22	485.06	416.92
150.0	3092.53	2293.69	1764.20	1369.77	1087.37	885.55	723.64	606.23	511.84
180.0	3666.52	2579.92	1933.79	1497.84	1196.88	964.67	791.32	655.80	553.51
210.0	2535.41	1961.41	1520.94	1211.15	978.48	803.44	665.93	563.71	476.69
240.0	2065.78	1598.44	1233.94	978.40	788.86	642.29	534.09	459.66	396.73
270.0	1829.42	1401.54	1063.28	841.96	675.90	549.75	462.19	394.28	346.24
300.0	2010.53	1558.54	1223.20	959.99	775.05	631.55	530.26	452.75	389.83
330.0	2395.75	1829.42	1423.02	1146.54	929.60	765.00	631.47	537.24	455.97
360.0	3572.90	2414.16	1786.45	1392.02	1113.46	902.43	742.82	621.57	526.42
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	448.15	391.36	344.40	304.88	273.49	248.78	229.60	214.64	203.05
30.0	422.82	366.27	324.14	289.45	263.44	241.65	224.53	211.80	201.28
60.0	358.52	317.85	287.23	261.45	240.50	223.38	209.65	197.29	185.94
90.0	329.82	296.67	270.65	250.39	232.36	215.94	201.74	188.47	177.49
120.0	363.51	323.76	290.76	265.59	243.57	225.84	211.18	199.75	189.00
150.0	436.64	389.06	333.73	296.44	266.89	245.02	226.99	213.48	203.51
180.0	470.17	408.09	356.29	314.24	281.24	252.77	233.82	217.78	206.12
210.0	410.93	357.98	317.16	284.16	257.61	237.58	221.77	210.03	200.21
240.0	349.16	312.78	281.47	257.53	236.51	220.93	207.27	196.22	185.32
270.0	310.02	281.78	258.76	240.34	224.84	208.04	194.45	182.25	171.97
300.0	344.94	307.56	277.48	254.31	235.05	219.01	206.12	194.99	184.78
330.0	396.73	346.01	304.80	275.41	249.93	231.44	216.86	206.04	197.29
360.0	448.15	391.36	344.40	304.88	273.49	248.78	229.60	214.64	203.05
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	195.22	190.54	184.71	177.49	167.21	156.08	144.50	132.76	120.25
30.0	193.46	186.40	179.95	171.66	162.15	150.64	138.05	125.31	110.89
60.0	176.27	166.21	155.93	146.72	138.28	128.92	119.33	109.43	98.53
90.0	166.37	157.39	149.10	141.58	133.37	124.93	116.72	108.12	99.45
120.0	179.64	170.36	160.23	151.33	143.04	133.91	124.39	113.42	102.83
150.0	196.45	190.46	184.94	177.65	167.98	156.85	143.27	130.07	115.34
180.0	198.98	195.22	190.54	183.86	173.27	161.15	149.79	137.59	124.93
210.0	192.76	186.32	179.34	171.66	161.30	149.79	136.59	122.70	106.97
240.0	175.35	165.60	155.70	146.88	138.20	128.92	118.87	108.43	96.61
270.0	161.38	153.55	145.34	137.36	129.38	120.63	112.19	102.98	93.31
300.0	175.42	166.75	156.54	147.57	139.13	129.30	119.33	108.43	97.38
330.0	190.85	185.01	177.95	169.13	157.93	146.11	133.37	120.71	105.36
360.0	195.22	190.54	184.71	177.49	167.21	156.08	144.50	132.76	120.25

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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	108.28	94.85	80.57	66.92	52.95	38.52	24.79	11.36	1.30
30.0	94.31	80.73	68.37	56.40	45.35	32.54	19.34	7.90	2.92
60.0	89.02	77.20	61.31	48.19	38.37	23.64	12.66	7.98	4.14
90.0	88.25	73.28	60.78	49.04	36.45	24.71	13.74	9.36	5.14
120.0	92.47	81.50	64.15	50.49	39.60	25.25	12.97	8.21	4.30
150.0	99.14	85.10	70.98	58.86	47.58	33.84	19.72	8.44	2.99
180.0	112.42	98.07	83.26	68.14	53.95	39.90	25.32	12.20	1.46
210.0	91.16	77.20	64.08	53.10	40.98	26.17	15.19	4.45	1.69
240.0	86.48	72.98	56.94	44.35	31.92	20.49	10.74	5.45	2.69
270.0	77.97	64.92	52.57	40.21	27.78	15.96	10.90	5.83	2.30
300.0	86.87	73.36	57.17	44.35	32.46	20.72	10.51	5.45	2.61
330.0	90.24	76.74	63.08	52.10	40.98	25.32	15.04	4.37	1.69
360.0	108.28	94.85	80.57	66.92	52.95	38.52	24.79	11.36	1.30

C/γ(°)	90.0
0.0	0.31
30.0	0.84
60.0	1.38
90.0	1.69
120.0	1.23
150.0	0.77
180.0	0.38
210.0	0.31
240.0	0.23
270.0	0.23
300.0	0.31
330.0	0.23
360.0	0.31