

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(10-OL-9WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210322015

电流(A): 0.0490

光源规格型号: OL

功率(W): 10.1000

每个光源光通量(lm)

功率因数: 0.9370

光源数量: 9

镇流器型号:

发光面长度(mm): 110

发光面宽度(mm): 110

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 946.04

灯具效能(lm/w): 93.67

中心光强(cd): 9599.874

最大光强(cd): 9599.874

最大光强角度: $C=0.0 \gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=10.3

[C90/270]Total=10.3

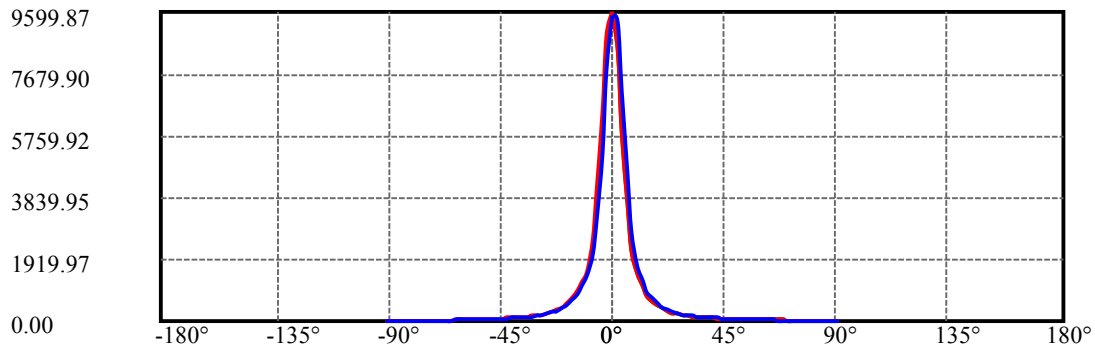
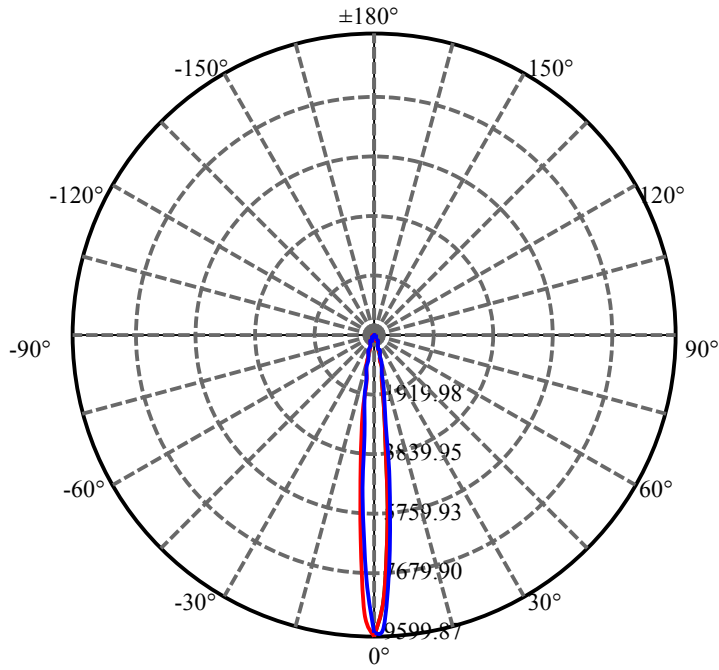
光束扩散角(10%Imax): [C0/180]Total=26.5

[C90/270]Total=26.8

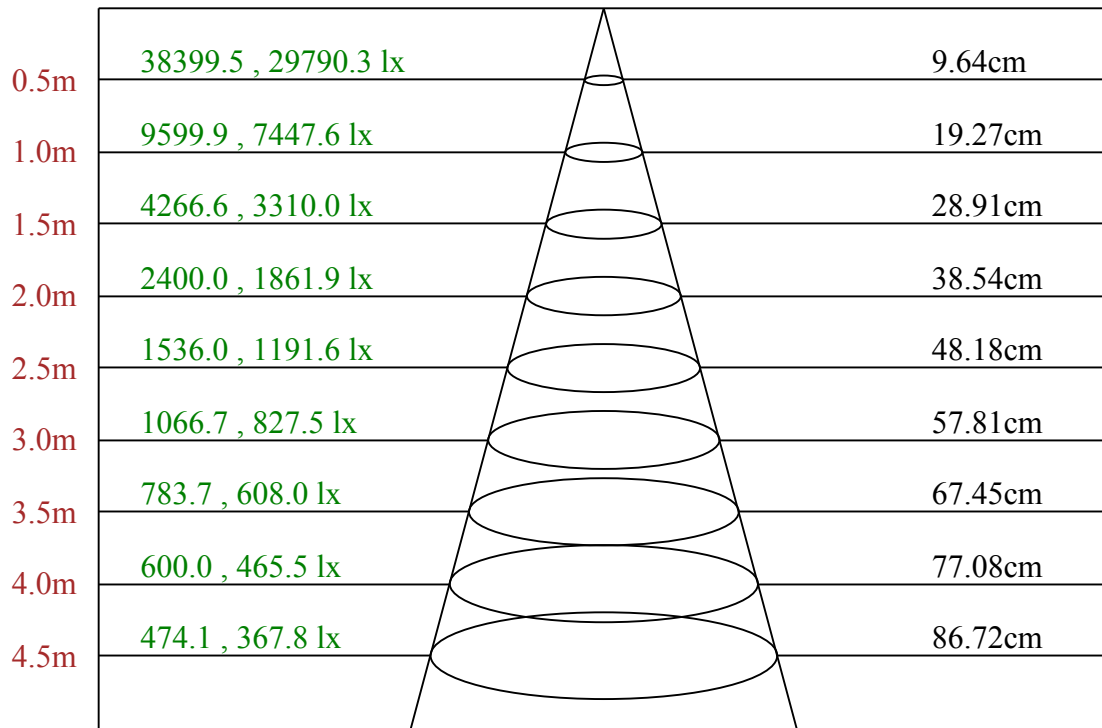
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/22
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

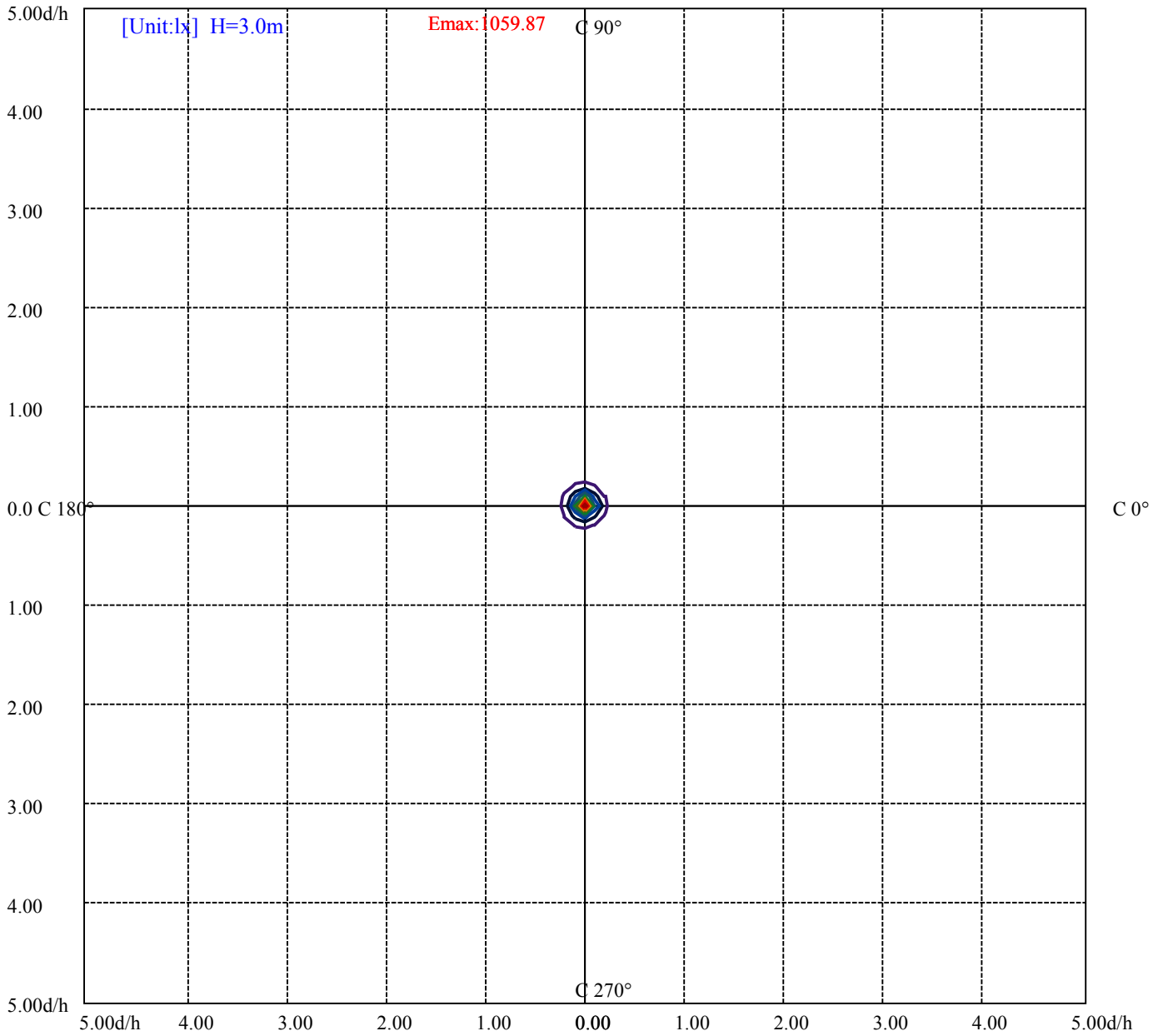


C0(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C0面光束角11.01

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 105.9868
- (20%Emax) 211.9733
- (30%Emax) 317.96
- (40%Emax) 423.9467
- (50%Emax) 529.9333
- (60%Emax) 635.92
- (70%Emax) 741.9067
- (80%Emax) 847.8944
- (90%Emax) 953.8811

ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

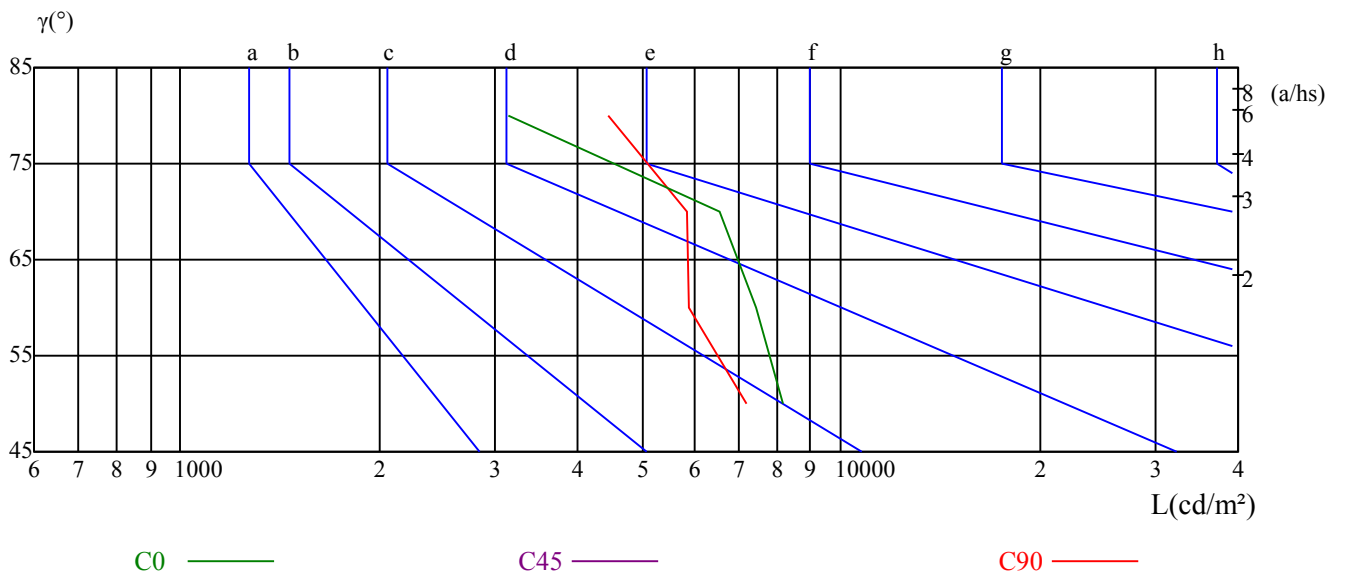
γ	45	50	55	60	65	70	75	80	85
C0	0	8199	0	7445	0	6564	0	3141	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7222	0	5873	0	5859	0	4456	0

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

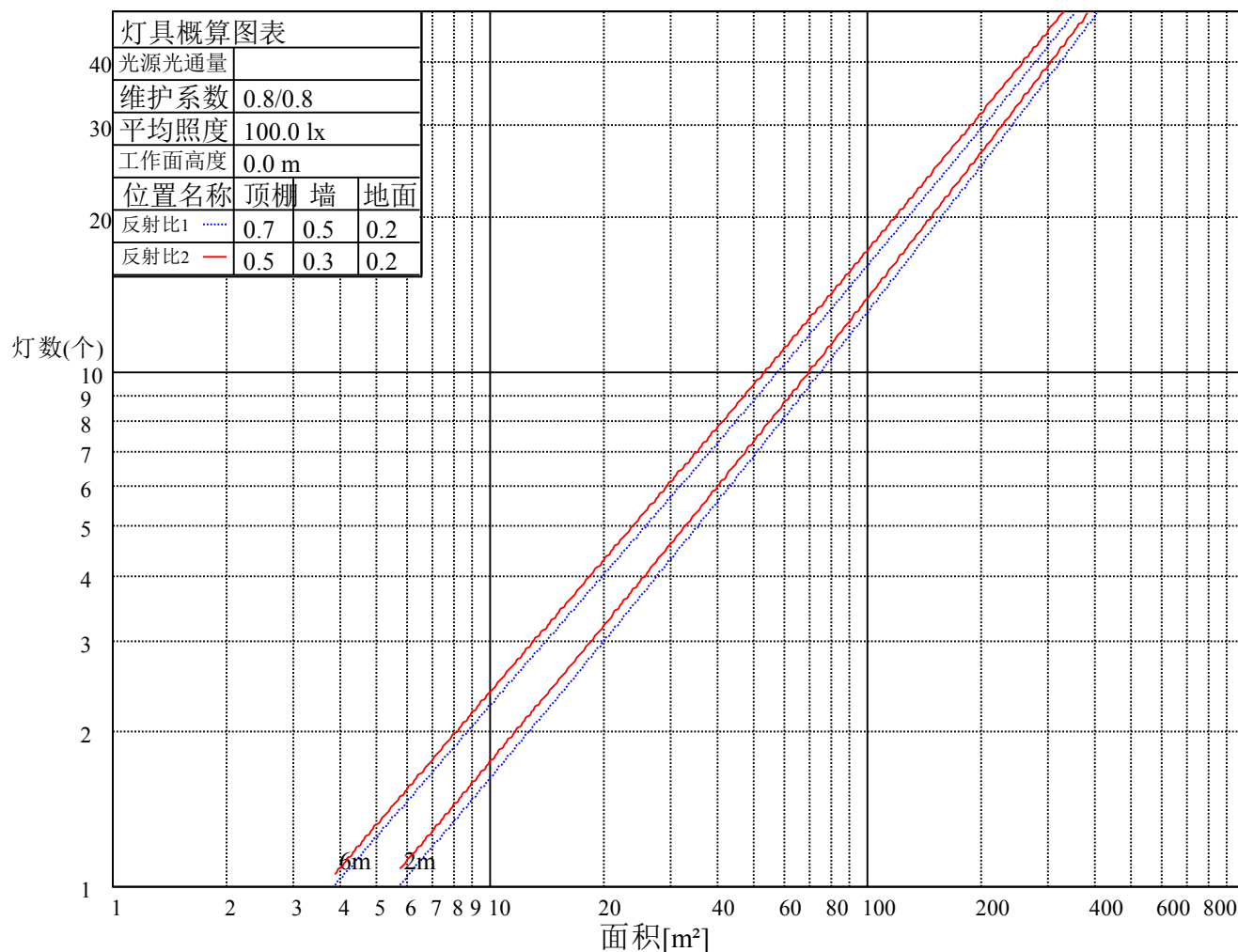
亮度限制曲线



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	15.22	16.32	15.58	16.63	16.95	15.77	16.88	16.14	17.19	17.50
	3H	16.82	17.80	17.20	18.13	18.50	17.31	18.29	17.70	18.62	18.99
	4H	17.37	18.28	17.78	18.63	19.02	17.72	18.63	18.13	18.99	19.37
	6H	17.67	18.50	18.09	18.88	19.27	17.92	18.75	18.34	19.13	19.52
	8H	17.71	18.50	18.15	18.89	19.30	17.94	18.72	18.37	19.12	19.52
	12H	17.72	18.47	18.16	18.86	19.29	17.93	18.68	18.36	19.06	19.49
4H	2H	15.87	16.78	16.28	17.14	17.52	16.31	17.22	16.71	17.57	17.96
	3H	17.66	18.41	18.08	18.82	19.22	18.02	18.76	18.43	19.17	19.58
	4H	18.29	18.96	18.73	19.38	19.83	18.53	19.20	18.97	19.62	20.07
	6H	18.60	19.17	19.07	19.62	20.09	18.76	19.33	19.23	19.78	20.25
	8H	18.66	19.19	19.13	19.64	20.11	18.79	19.32	19.26	19.77	20.24
	12H	18.67	19.13	19.15	19.61	20.09	18.78	19.24	19.27	19.73	20.20
8H	4H	18.48	19.01	18.95	19.46	19.93	18.70	19.23	19.17	19.68	20.15
	6H	18.87	19.29	19.38	19.79	20.28	19.00	19.43	19.51	19.93	20.41
	8H	18.96	19.34	19.49	19.86	20.35	19.06	19.44	19.59	19.96	20.45
	12H	19.56	19.89	20.08	20.38	20.96	19.70	20.03	20.23	20.53	21.10
12H	4H	18.45	18.91	18.94	19.40	19.88	18.68	19.14	19.17	19.62	20.10
	6H	19.23	19.24	19.40	19.71	20.26	19.37	19.37	19.53	19.84	20.39
	8H	18.98	19.31	19.50	19.80	20.38	19.08	19.41	19.60	19.90	20.48
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.7					0.4/-0.6					
S = 1.5H	0.8/-1.0					1.1/-0.9					
S = 2.0H	1.4/-1.1					1.5/-1.2					
标准表格	BK3					BK3					
更正系数	0.6					1.0					

ROLED 地埋灯

灯具的概算曲线



ROLED 地埋灯

灯具的利用系数表

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	1.00	0.98	0.98	0.97	0.96	0.94
2	1.04	1.00	0.97	1.02	0.99	0.96	0.99	0.96	0.93	0.96	0.94	0.91	0.93	0.91	0.90	0.88
3	0.98	0.93	0.89	0.96	0.92	0.89	0.94	0.90	0.87	0.91	0.88	0.86	0.89	0.87	0.85	0.83
4	0.93	0.87	0.84	0.91	0.87	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.80	0.79
5	0.88	0.83	0.79	0.87	0.82	0.79	0.86	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.77	0.75
6	0.84	0.79	0.75	0.84	0.79	0.75	0.82	0.78	0.75	0.81	0.77	0.74	0.80	0.76	0.74	0.72
7	0.81	0.76	0.72	0.80	0.76	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.70
8	0.78	0.73	0.70	0.78	0.73	0.69	0.77	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.69	0.68
9	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.70	0.67	0.73	0.69	0.67	0.65
10	0.73	0.68	0.65	0.73	0.68	0.65	0.72	0.68	0.65	0.71	0.68	0.65	0.71	0.67	0.65	0.64

ROLED 地埋灯

光强数据表(cd)

附页 第9页 共10页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	9599.87	8355.96	5834.36	3612.81	2217.72	1468.76	1049.77	804.21	619.27
30.0	9525.44	8645.26	6234.93	3864.51	2374.26	1533.22	1091.21	824.93	630.02
60.0	9552.30	8720.46	6351.57	3952.75	2395.75	1523.93	1119.22	829.30	635.54
90.0	9451.00	9271.44	7173.43	4613.46	2812.43	1758.06	1223.20	916.25	696.01
120.0	9582.22	9172.45	6961.64	4443.87	2707.30	1628.37	1230.33	927.45	709.06
150.0	9485.53	9319.78	7240.96	4803.01	2889.94	1825.59	1278.45	959.99	732.08
180.0	9599.87	8848.61	6508.88	4109.30	2546.92	1523.01	1216.60	924.61	710.82
210.0	9525.44	8419.65	5947.93	3782.40	2304.43	1512.96	1165.11	902.82	694.09
240.0	9552.30	8360.56	5891.15	3707.96	2324.38	1568.52	1153.37	868.67	680.66
270.0	9451.00	7765.08	5165.21	3169.26	2064.24	1431.54	1076.09	824.93	637.69
300.0	9582.22	8053.61	5469.86	3387.97	2138.68	1464.15	1070.49	831.07	644.60
330.0	9485.53	7788.87	5155.23	3193.82	1963.72	1371.30	1007.56	778.96	600.01
360.0	9599.87	8355.96	5834.36	3612.81	2217.72	1468.76	1049.77	804.21	619.27
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	481.14	389.83	316.08	261.91	218.78	188.39	163.14	143.96	128.84
30.0	500.33	397.50	321.76	265.21	223.54	190.54	165.52	146.80	130.76
60.0	499.33	396.89	325.37	268.89	227.91	194.76	169.67	149.72	133.98
90.0	541.77	427.43	347.54	284.62	239.50	202.82	174.88	153.55	135.90
120.0	559.11	433.80	351.53	286.85	239.65	201.90	173.66	152.78	135.44
150.0	576.30	454.29	390.59	295.82	246.40	207.73	178.72	157.01	138.43
180.0	555.43	437.02	353.15	287.23	239.88	201.97	173.20	150.79	133.22
210.0	543.46	433.49	344.55	284.39	232.90	197.52	169.97	149.10	131.45
240.0	530.26	426.66	343.63	283.47	237.35	201.44	173.50	152.48	135.44
270.0	502.09	405.25	325.29	269.35	225.38	190.77	165.29	145.03	129.30
300.0	502.63	405.94	327.44	267.28	223.92	191.54	164.99	146.11	129.76
330.0	472.70	380.85	307.49	254.62	214.40	184.63	160.77	142.27	126.00
360.0	481.14	389.83	316.08	261.91	218.78	188.39	163.14	143.96	128.84
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	115.87	106.20	97.00	89.02	81.73	75.28	69.22	63.77	59.09
30.0	118.18	107.05	97.99	89.86	82.57	76.35	70.52	65.07	60.24
60.0	121.09	110.20	101.45	93.39	86.02	79.35	73.82	68.22	62.77
90.0	121.86	110.35	101.60	93.31	85.95	79.50	73.67	68.17	62.60
120.0	121.71	110.50	101.22	92.93	85.10	78.50	73.67	68.17	62.60
150.0	123.93	111.19	100.76	91.93	84.18	76.43	69.52	63.31	50.65
180.0	119.71	108.12	99.14	90.40	82.57	75.74	69.98	64.23	59.09
210.0	117.87	107.36	97.23	88.94	81.27	74.59	68.91	64.08	59.09
240.0	121.25	110.89	101.14	92.32	84.64	77.43	71.21	65.61	60.70
270.0	116.49	106.28	96.92	89.02	82.34	75.66	69.98	64.38	59.24
300.0	116.49	106.20	97.23	89.71	82.65	76.51	70.60	65.30	60.09
330.0	113.49	102.98	94.39	86.56	79.19	72.67	66.61	61.24	57.09
360.0	115.87	106.20	97.00	89.02	81.73	75.28	69.22	63.77	59.09
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	54.87	51.57	48.19	45.04	42.05	39.06	35.99	32.46	27.17
30.0	56.17	52.64	49.42	46.27	43.28	40.21	36.91	25.32	21.64
60.0	58.47	49.65	40.52	36.76	34.61	32.08	29.77	26.93	23.94
90.0	42.82	40.36	37.99	35.53	33.38	31.31	29.16	26.86	24.25
120.0	42.05	39.60	37.37	35.15	32.92	30.70	28.39	26.17	23.56
150.0	41.98	38.37	36.22	34.15	32.00	29.77	27.32	24.86	22.48
180.0	54.71	51.18	47.96	44.12	41.75	39.06	35.99	32.46	27.17
210.0	54.71	51.03	47.65	44.58	41.75	38.83	35.91	32.46	26.24
240.0	56.79	53.64	50.42	47.35	44.51	41.28	37.91	33.99	24.40
270.0	54.18	41.21	37.29	33.99	31.69	29.01	26.40	23.56	20.95
300.0	55.86	52.34	48.81	45.97	42.90	38.37	34.76	32.00	28.70
330.0	53.72	50.72	47.58	44.81	41.98	39.06	35.91	32.08	28.47
360.0	54.87	51.57	48.19	45.04	42.05	39.06	35.99	32.46	27.17

ROLED 地埋灯

光强数据表(cd)

附页 第 10页 共10页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	19.26	15.35	12.12	9.36	6.60	4.14	1.53	0.38	0.15
30.0	19.03	16.19	13.58	10.97	8.06	4.99	1.92	0.46	0.15
60.0	21.10	17.96	14.81	11.74	8.44	5.14	2.07	0.46	0.23
90.0	21.56	18.65	15.96	12.58	9.36	5.60	2.92	0.61	0.31
120.0	20.95	18.03	14.89	11.66	8.67	5.68	2.30	0.54	0.31
150.0	20.11	17.50	14.73	11.82	8.52	5.22	2.46	0.38	0.15
180.0	19.03	15.42	11.13	9.59	7.14	4.14	1.69	0.38	0.15
210.0	18.49	15.65	12.74	10.05	6.98	4.07	1.84	0.46	0.15
240.0	18.95	15.96	12.66	9.75	6.83	3.68	1.46	0.46	0.15
270.0	18.34	15.58	12.58	9.59	5.99	3.30	1.23	0.46	0.08
300.0	25.17	17.80	13.51	10.59	7.44	4.30	1.46	0.61	0.15
330.0	25.25	22.02	18.34	10.44	5.99	3.15	1.38	0.46	0.15
360.0	19.26	15.35	12.12	9.36	6.60	4.14	1.53	0.38	0.15

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.08
90.0	0.08
120.0	0.00
150.0	0.08
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00