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ROLED

灯具名称: 投光灯
灯具描述: FWK2331B8-3-24DC-RC-Y(15-OST-3RGBWN-AJ.P4)
报告编号: 电压(V): 23.7000
测试编号: 20221217005 电流(A): 1.4180
光源规格型号: OST 功率(W): 33.6000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 3 镇流器型号:
发光面长度(mm): 85 发光面宽度 (mm): 85
测试模式: C 发光面高度(mm): 0

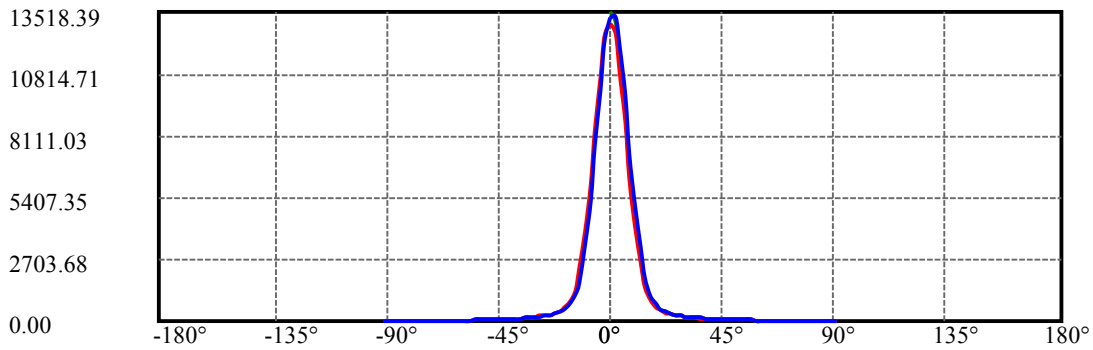
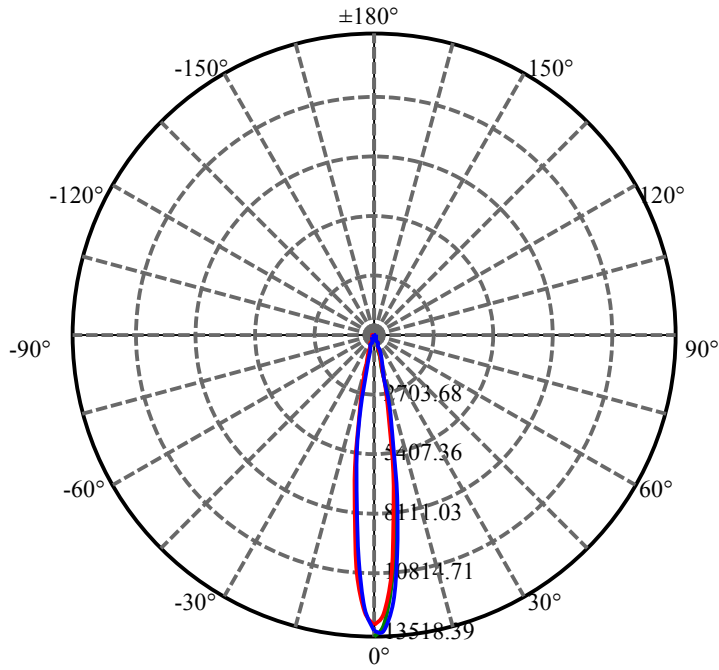
光度结果

灯具光通量(lm): 1492.72
灯具效能(lm/w): 44.43
中心光强(cd): 13032.310
最大光强(cd): 13518.390
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=15.4
 [C90/270]Total=15.4
光束扩散角(10%Imax): [C0/180]Total=28.9
 [C90/270]Total=28.9

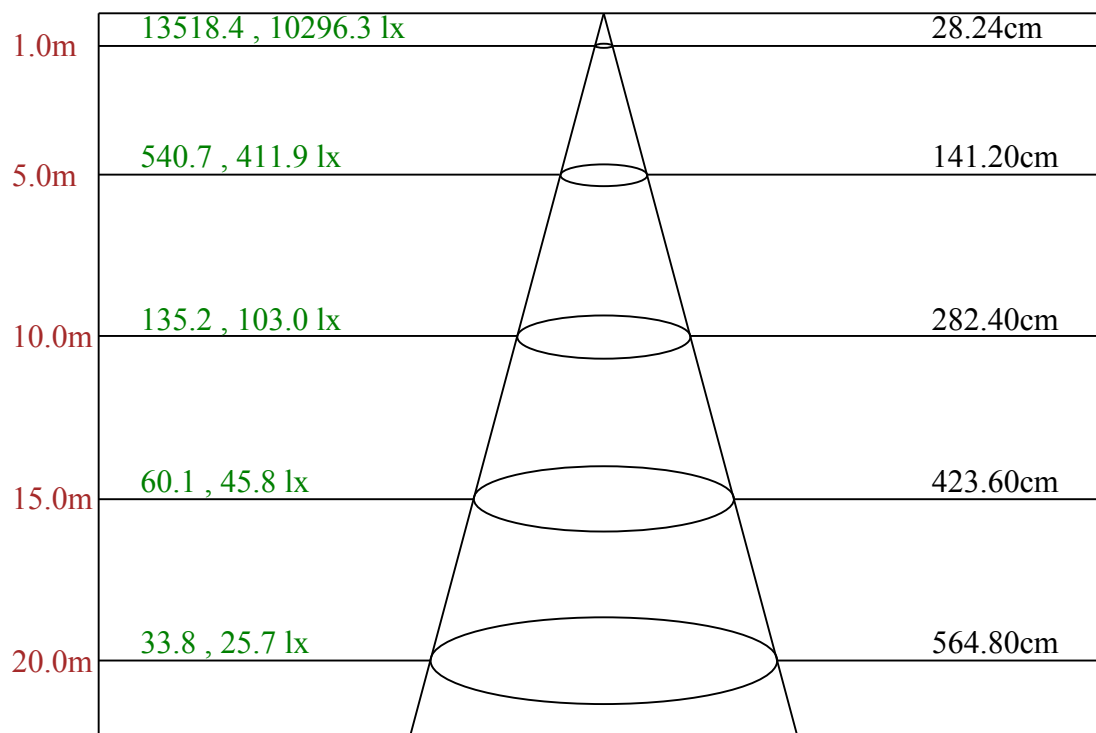
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/17
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

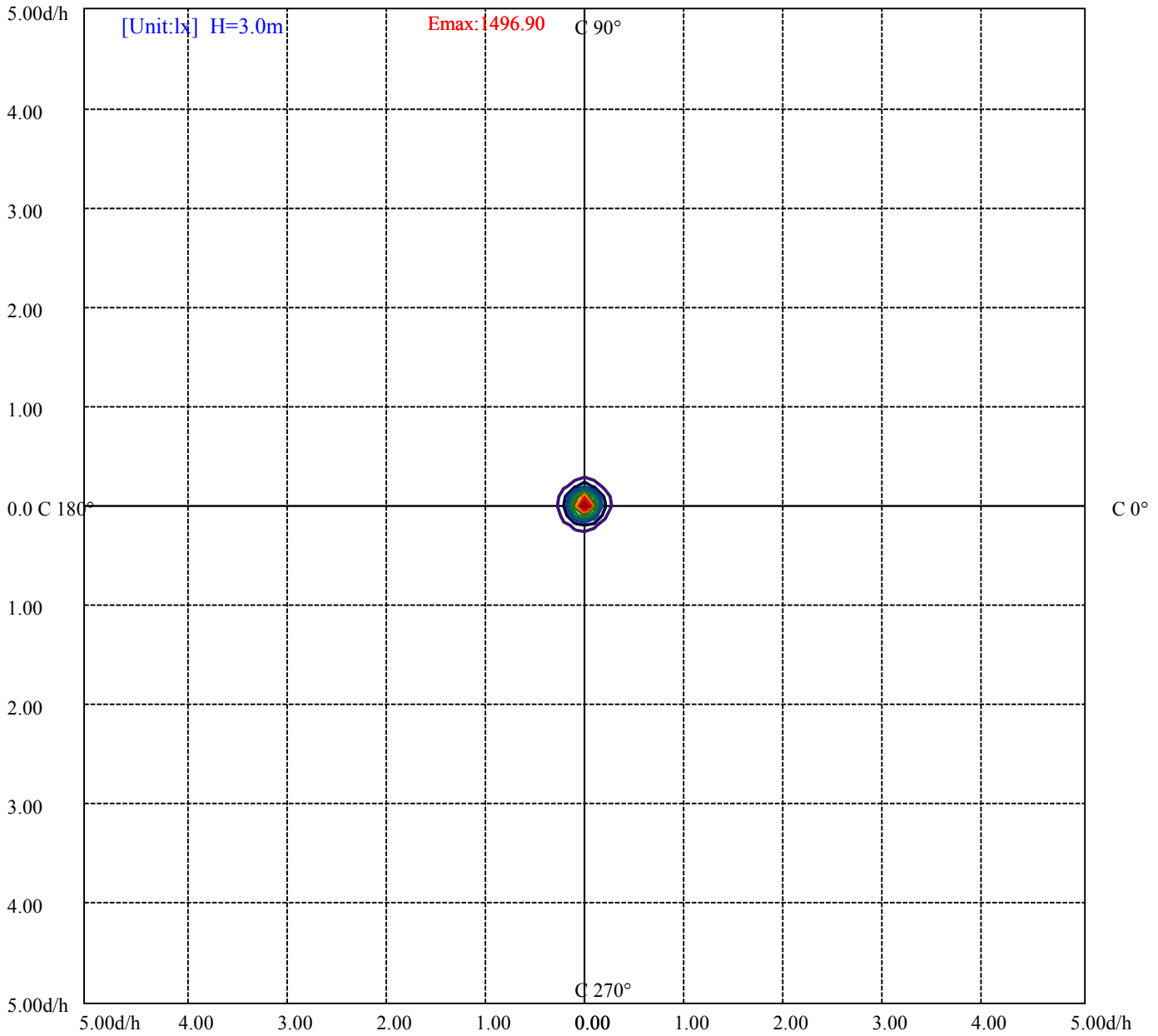


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角16.07

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平面等照度曲线



(10%Emax) 149.69	——
(20%Emax) 299.3789	——
(30%Emax) 449.0689	——
(40%Emax) 598.7589	——
(50%Emax) 748.4489	——
(60%Emax) 898.1378	——
(70%Emax) 1047.828	——
(80%Emax) 1197.522	——
(90%Emax) 1347.211	——

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

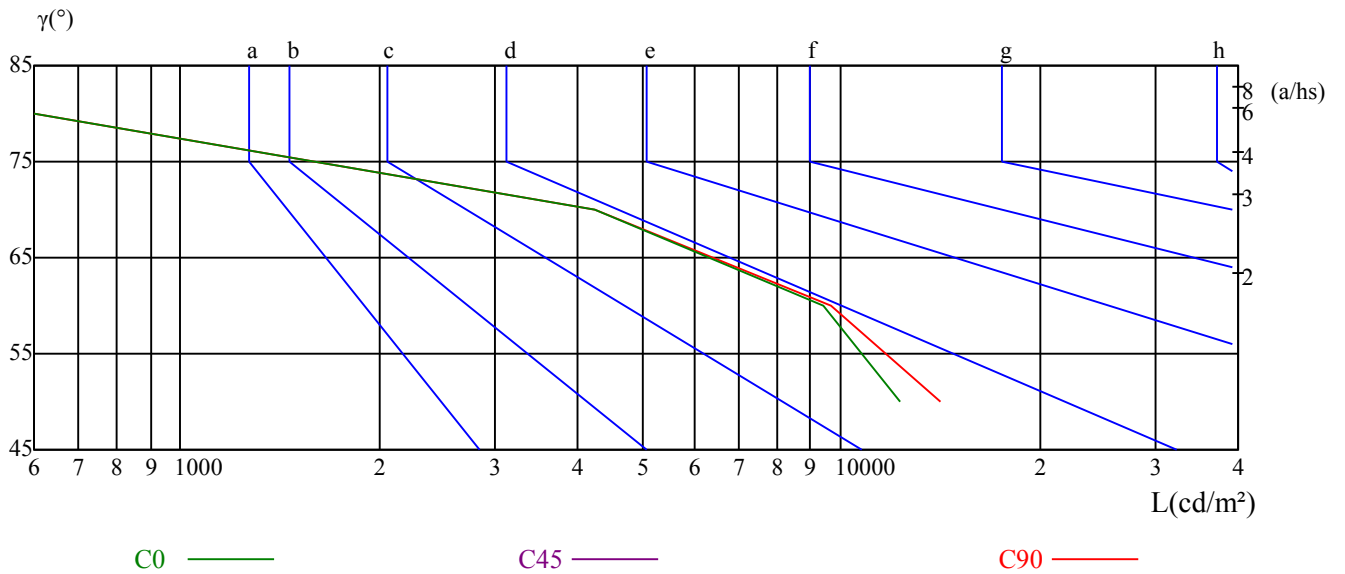
γ	45	50	55	60	65	70	75	80	85
C0	0	12310	0	9385	0	4235	0	207	0
C45	0	0	0	0	0	0	0	0	0
C90	0	14154	0	9696	0	4235	0	207	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
16046	18072	0	3585	4348	0	618	687	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: GMS-1800
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测试日期: 2022/12/17
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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	13032.31	12474.45	10831.14	8612.67	6239.39	4142.87	2483.99	1486.76	901.23
30.0	13518.39	13005.50	11311.16	8993.23	6656.27	4442.99	2695.89	1600.93	985.99
60.0	13425.84	13037.50	11476.36	9161.89	6796.38	4570.13	2794.49	1685.78	1031.91
90.0	13258.92	13256.32	12003.08	9847.75	7285.92	5076.10	3231.27	1944.30	1127.83
120.0	13255.46	13052.21	11659.72	9397.14	6979.74	4706.79	2934.61	1720.63	1031.57
150.0	13089.40	12931.12	11538.63	9343.51	6979.74	4671.32	2898.28	1730.66	1001.55
180.0	13032.31	12434.67	10691.03	8317.74	6031.81	3937.89	2323.99	1374.76	838.26
210.0	13518.39	12893.06	11096.67	8751.92	6305.12	4075.41	2391.45	1444.64	895.34
240.0	13425.84	12680.30	10873.52	8381.75	6012.78	3893.78	2296.31	1351.84	863.17
270.0	13258.92	12193.36	10102.90	7624.09	5264.65	3326.41	1683.70	1187.77	745.02
300.0	13255.46	12303.20	10369.29	7828.21	5524.12	3546.95	2098.25	1214.32	766.30
330.0	13089.40	12126.76	10141.82	7797.94	5437.63	3463.92	1719.33	1233.69	761.28
360.0	13032.31	12474.45	10831.14	8612.67	6239.39	4142.87	2483.99	1486.76	901.23
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	608.89	463.59	368.79	304.88	254.80	218.56	187.34	163.81	142.71
30.0	680.68	508.56	440.23	336.36	281.44	240.36	205.76	178.69	154.56
60.0	701.26	520.76	415.76	339.47	286.54	242.60	207.23	178.08	154.99
90.0	729.98	534.51	438.50	336.71	282.74	239.84	205.33	178.17	154.47
120.0	668.39	495.16	388.25	316.38	266.30	226.00	193.82	167.70	146.77
150.0	660.78	480.88	379.35	309.72	260.77	221.24	189.85	165.63	144.35
180.0	578.70	438.42	355.13	292.42	247.88	211.55	182.15	157.76	137.61
210.0	622.90	482.61	384.97	318.80	268.03	227.30	194.52	169.61	147.03
240.0	596.78	455.80	370.52	304.19	258.00	219.43	187.51	162.77	142.62
270.0	530.10	418.35	337.57	282.22	239.58	204.29	175.92	153.78	133.37
300.0	534.51	437.64	338.78	279.19	236.46	203.60	174.71	152.05	133.89
330.0	534.25	417.92	335.67	279.80	237.07	202.30	174.10	151.79	133.45
360.0	608.89	463.59	368.79	304.88	254.80	218.56	187.34	163.81	142.71
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	124.29	110.19	97.47	86.66	78.10	70.84	63.31	57.17	51.89
30.0	134.66	118.06	105.17	93.93	84.59	76.89	69.80	63.31	56.39
60.0	134.92	118.15	105.00	94.01	85.37	77.50	71.27	65.56	60.72
90.0	134.66	118.15	105.00	93.76	84.85	77.50	71.09	65.73	59.94
120.0	128.70	113.39	101.19	90.64	82.60	74.90	69.11	63.83	59.07
150.0	127.49	111.49	99.46	89.00	80.78	73.08	66.34	60.02	53.71
180.0	121.43	106.82	95.14	85.19	76.63	68.33	61.75	55.53	50.08
210.0	128.35	114.08	101.54	91.77	83.03	75.85	69.11	62.71	56.22
240.0	124.20	109.58	97.91	87.27	78.97	71.09	63.92	57.34	51.81
270.0	116.16	103.01	91.07	80.87	71.87	64.61	57.86	52.33	47.14
300.0	117.19	104.22	92.11	82.86	74.90	67.55	60.37	54.32	49.21
330.0	117.37	104.74	93.41	84.24	76.63	69.97	63.83	57.95	52.15
360.0	124.29	110.19	97.47	86.66	78.10	70.84	63.31	57.17	51.89
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	46.62	42.29	38.06	33.90	29.23	23.44	18.42	14.10	10.47
30.0	51.03	46.01	41.52	37.10	32.87	28.54	24.13	18.34	13.23
60.0	56.13	51.46	45.84	39.01	32.52	26.64	21.71	16.95	12.80
90.0	54.32	46.88	40.74	35.03	29.67	24.74	19.55	14.62	10.47
120.0	54.23	48.69	43.25	37.10	30.88	25.43	20.58	15.83	11.85
150.0	48.35	43.76	39.53	35.20	30.88	26.64	22.31	17.21	12.37
180.0	45.58	41.26	37.10	32.52	25.34	19.55	14.53	10.72	7.78
210.0	50.34	45.32	39.87	34.86	28.28	22.83	17.73	13.41	9.69
240.0	46.36	41.77	37.28	32.87	28.28	23.70	19.29	14.96	10.72
270.0	42.47	38.40	33.90	29.41	25.26	21.54	18.08	13.92	9.25
300.0	44.20	40.13	35.89	31.66	27.33	22.83	17.82	13.49	9.77
330.0	46.62	42.03	37.02	31.05	25.34	20.41	15.65	11.68	8.30
360.0	46.62	42.29	38.06	33.90	29.23	23.44	18.42	14.10	10.47

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	6.92	3.63	1.56	0.35	0.26	0.17	0.17	0.00	0.09
30.0	9.34	5.10	1.82	0.43	0.17	0.17	0.09	0.09	0.09
60.0	9.34	6.75	3.63	1.30	0.35	0.17	0.26	0.17	0.00
90.0	7.52	5.19	2.77	0.95	0.26	0.26	0.17	0.09	0.09
120.0	8.56	5.71	2.08	0.17	0.17	0.09	0.17	0.09	0.00
150.0	8.56	4.58	1.73	0.35	0.17	0.09	0.00	0.09	0.00
180.0	5.36	2.85	0.86	0.26	0.17	0.17	0.17	0.09	0.00
210.0	6.92	4.84	2.34	0.69	0.26	0.26	0.09	0.17	0.09
240.0	7.09	3.81	1.30	0.26	0.26	0.26	0.17	0.09	0.00
270.0	5.10	1.73	0.17	0.26	0.17	0.17	0.09	0.00	0.00
300.0	5.97	3.03	0.95	0.26	0.26	0.17	0.09	0.09	0.00
330.0	5.97	3.89	1.90	0.43	0.26	0.17	0.17	0.09	0.09
360.0	6.92	3.63	1.56	0.35	0.26	0.17	0.17	0.00	0.09

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
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