

Report No.:

Test Time: 2024/3/26 16:37:08

LUMINAIRE PHOTOMETRIC TEST REPORT

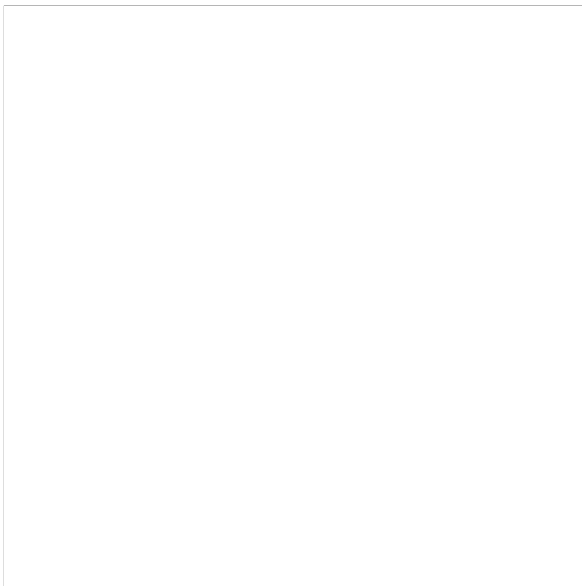
Luminaire Property

Manufacturer:	Voltage(V): 221.50 V
Luminaire Type: RH-RPL12-18W-RGBCW	Current(A): 0.0750 A
Lamp Type: SMD2835	Power(W): 14.67 W
Luminous Width: 127 mm	Power Factor: 0.8790
Luminous Length: 127 mm	Lamp Luminous Flux: 1083.16
Luminous Height: 0 mm	

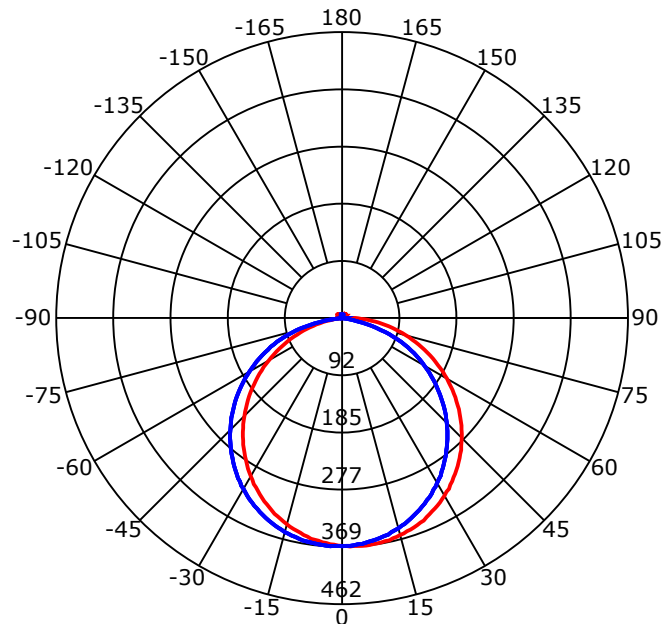
Photometric Results

CIE Class: Direct	Max. Intensity: 369.48 cd
Luminaire Luminous Flux: 1083.163 lm	Max.Intensity Angle: C=0 Gamma=5
Downward Ratio: 97.80%	Upward Ratio: 2.20%
Luminaire Efficacy Rating(LER): 73.84 lm/W	Efficacy: 100.00%
Beam Angle(50%) C0-180,C90-270: 113.9,112.8	Center Intensity: 367.67 cd
Field Angle(10%) C0-180,C90-270: 163.9,156.6	Effective Luminous Flux: 1046.06 lm
S/MH C0-180,C90-270: 1.250,1.250	ERP(ϕ use)(120deg): 834.93 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 113.9 deg,112.8 deg

C0-180 — C90-270

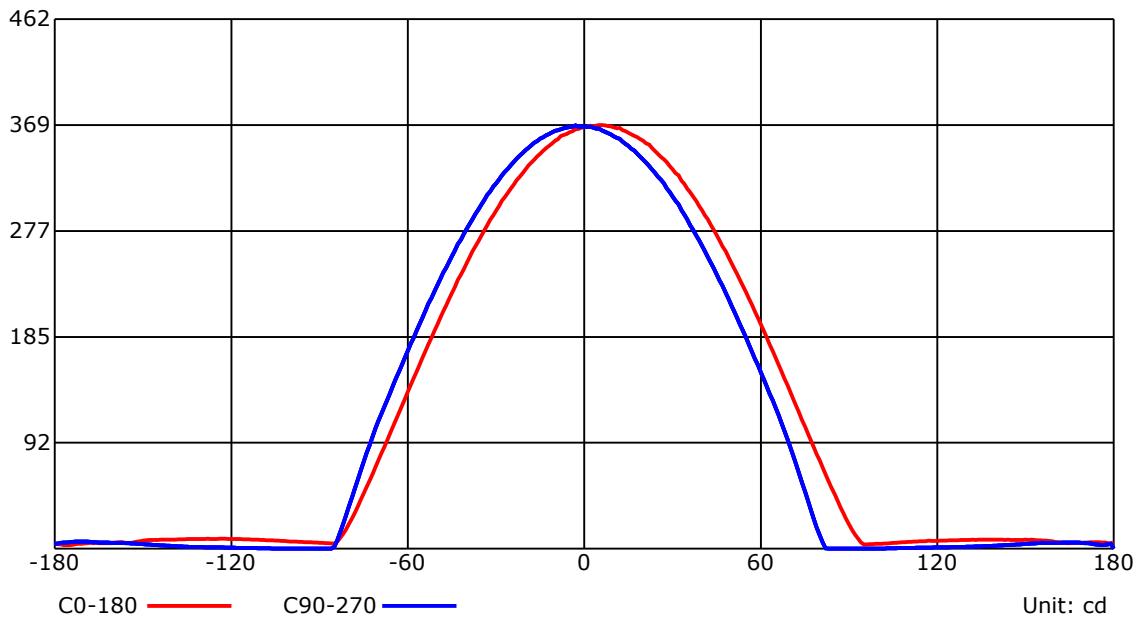
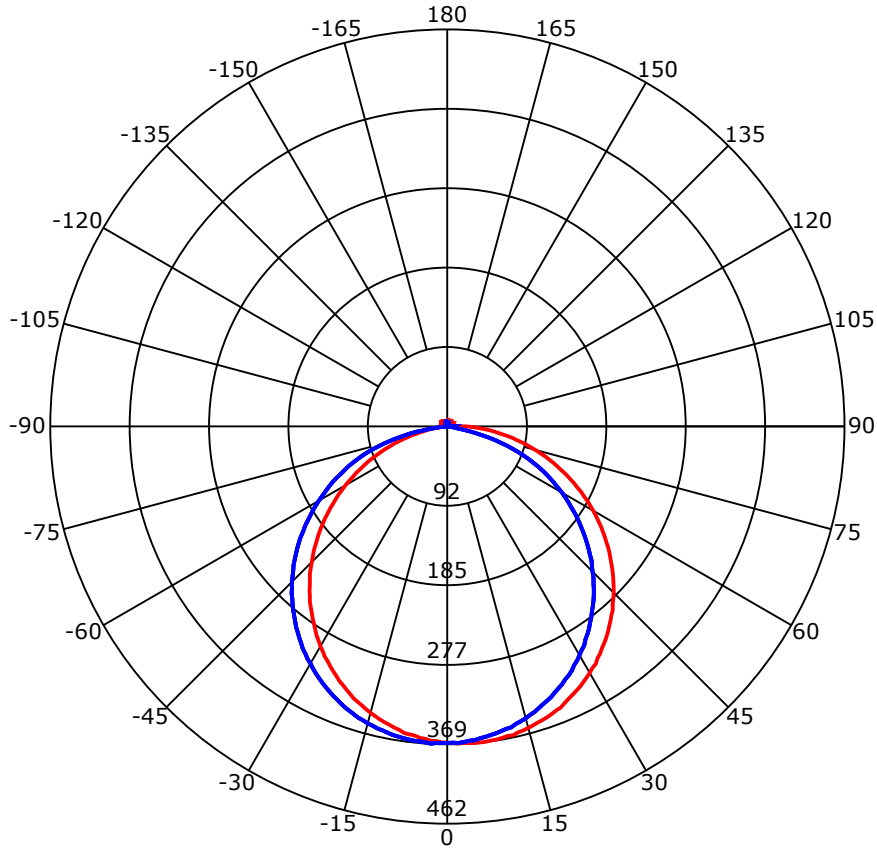
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

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Luminous Intensity Distribution Curve



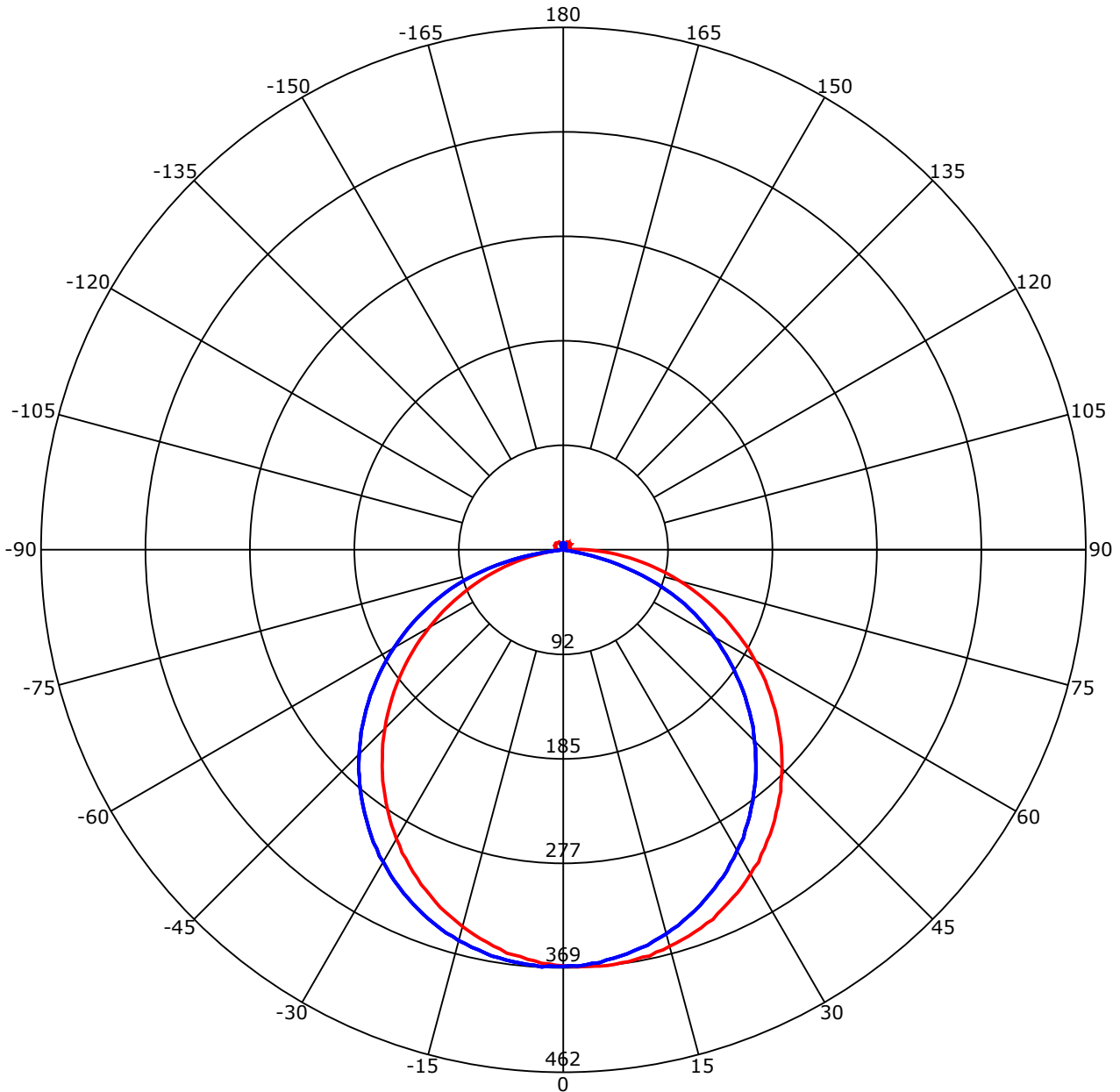
C Range: 0 - 360 Deg
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 Test Speed: High
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G Range: 0 - 180 Deg
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 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

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Test Time: 2024/3/26 16:37:08

Luminous Intensity Distribution Curve



C0-180 ——— C90-270 ———
 Unit: cd/klm

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

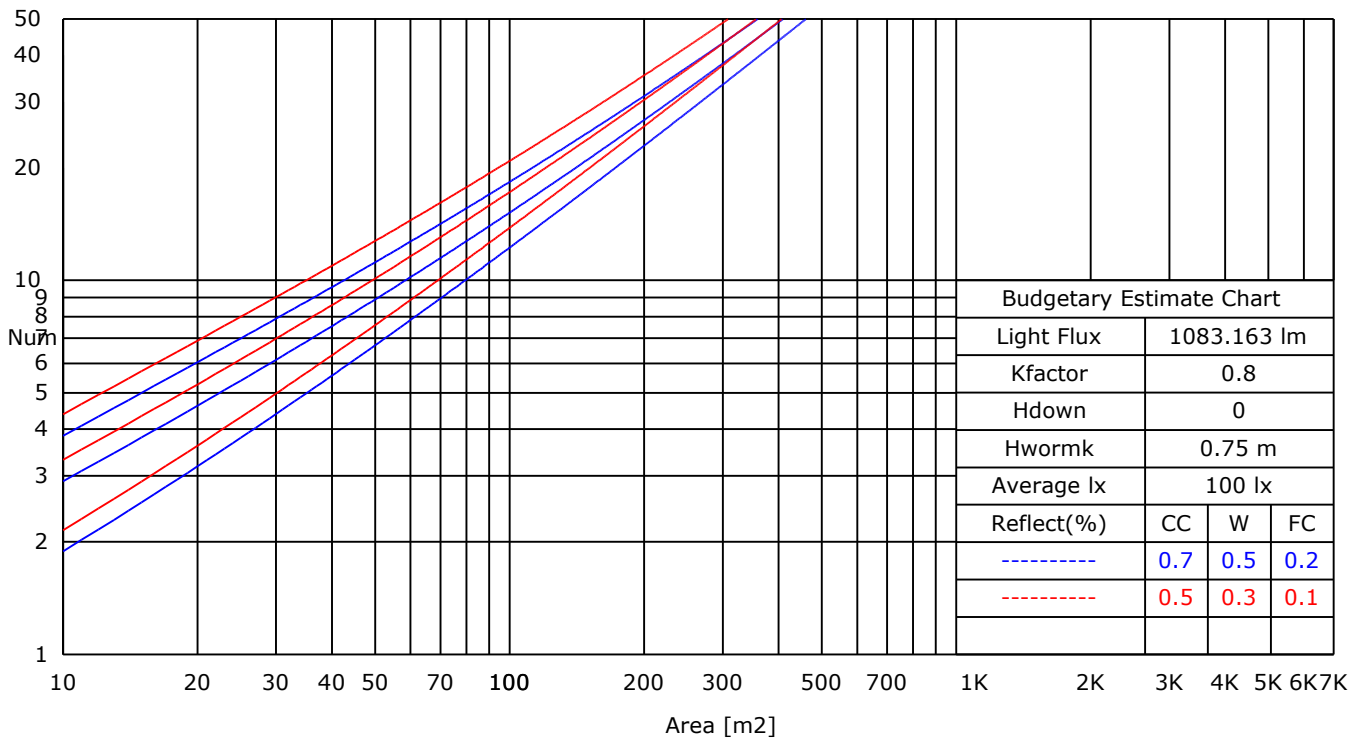
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UTILIZATION FACTORS TABLE

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 FOR RHOFC=20															
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	1.07	1.05	1.04	1.06	1.04	1.02	1.02	1.00	0.98	0.97	0.95	0.93	0.90	0.88	0.86	0.81
2	0.95	0.93	0.92	0.94	0.92	0.90	0.92	0.89	0.86	0.88	0.84	0.82	0.83	0.79	0.76	0.71
3	0.85	0.83	0.81	0.84	0.82	0.79	0.83	0.79	0.76	0.80	0.76	0.72	0.76	0.71	0.68	0.63
4	0.76	0.74	0.72	0.76	0.73	0.71	0.75	0.71	0.68	0.73	0.68	0.64	0.70	0.65	0.61	0.56
5	0.69	0.67	0.65	0.69	0.66	0.64	0.68	0.64	0.61	0.67	0.62	0.58	0.65	0.59	0.55	0.51
6	0.63	0.60	0.59	0.63	0.60	0.58	0.63	0.58	0.55	0.62	0.56	0.53	0.60	0.54	0.50	0.46
7	0.58	0.55	0.54	0.58	0.55	0.53	0.58	0.54	0.51	0.57	0.52	0.48	0.56	0.50	0.46	0.42
8	0.53	0.51	0.50	0.54	0.51	0.49	0.54	0.49	0.47	0.53	0.48	0.44	0.52	0.47	0.42	0.39
9	0.49	0.47	0.46	0.50	0.47	0.45	0.50	0.46	0.43	0.50	0.45	0.41	0.49	0.43	0.39	0.36
10	0.46	0.44	0.43	0.47	0.44	0.42	0.47	0.43	0.40	0.47	0.42	0.38	0.47	0.41	0.36	0.34

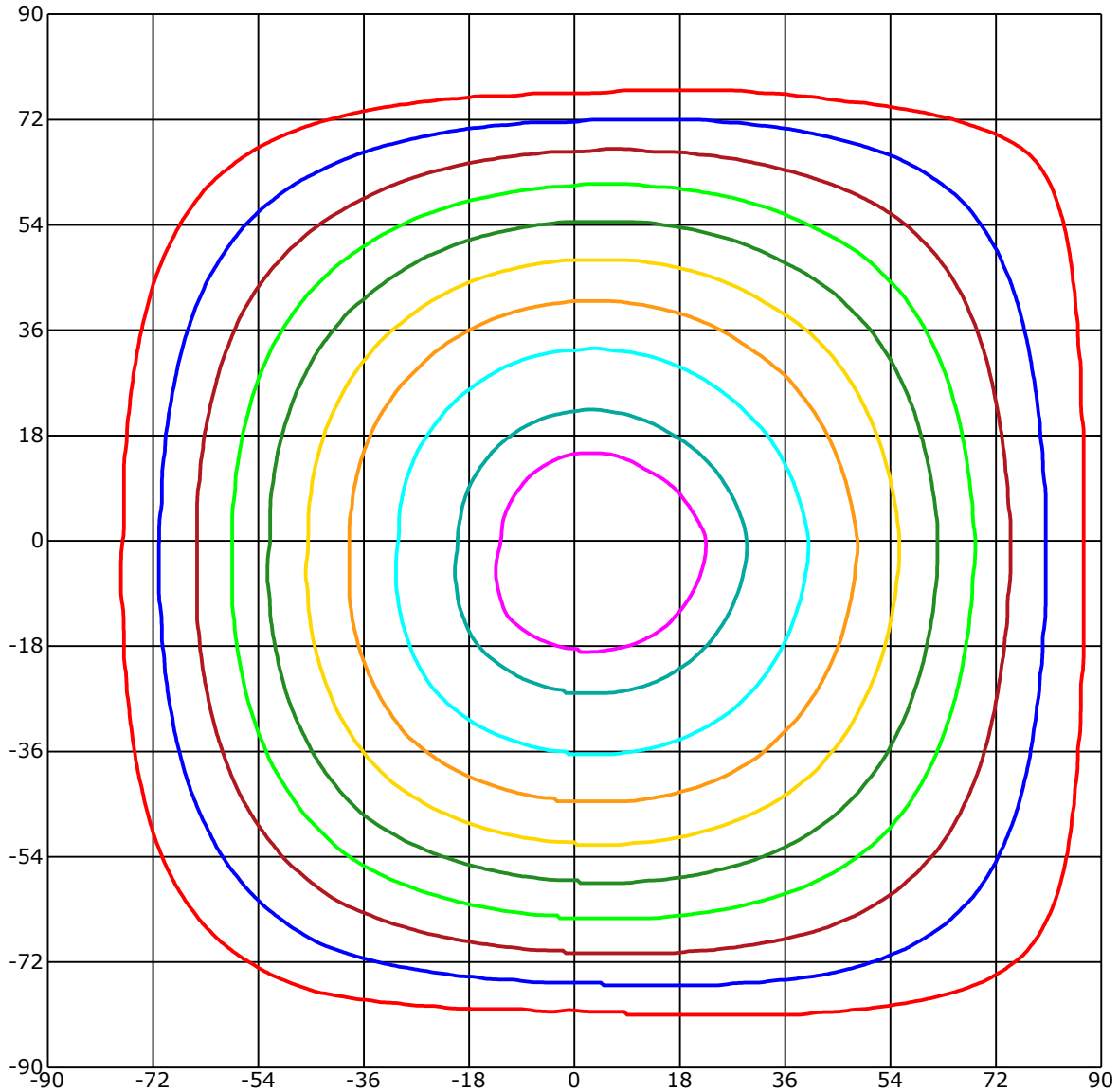
LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

ISOCANDELA DIAGRAM (RECTANGULAR)



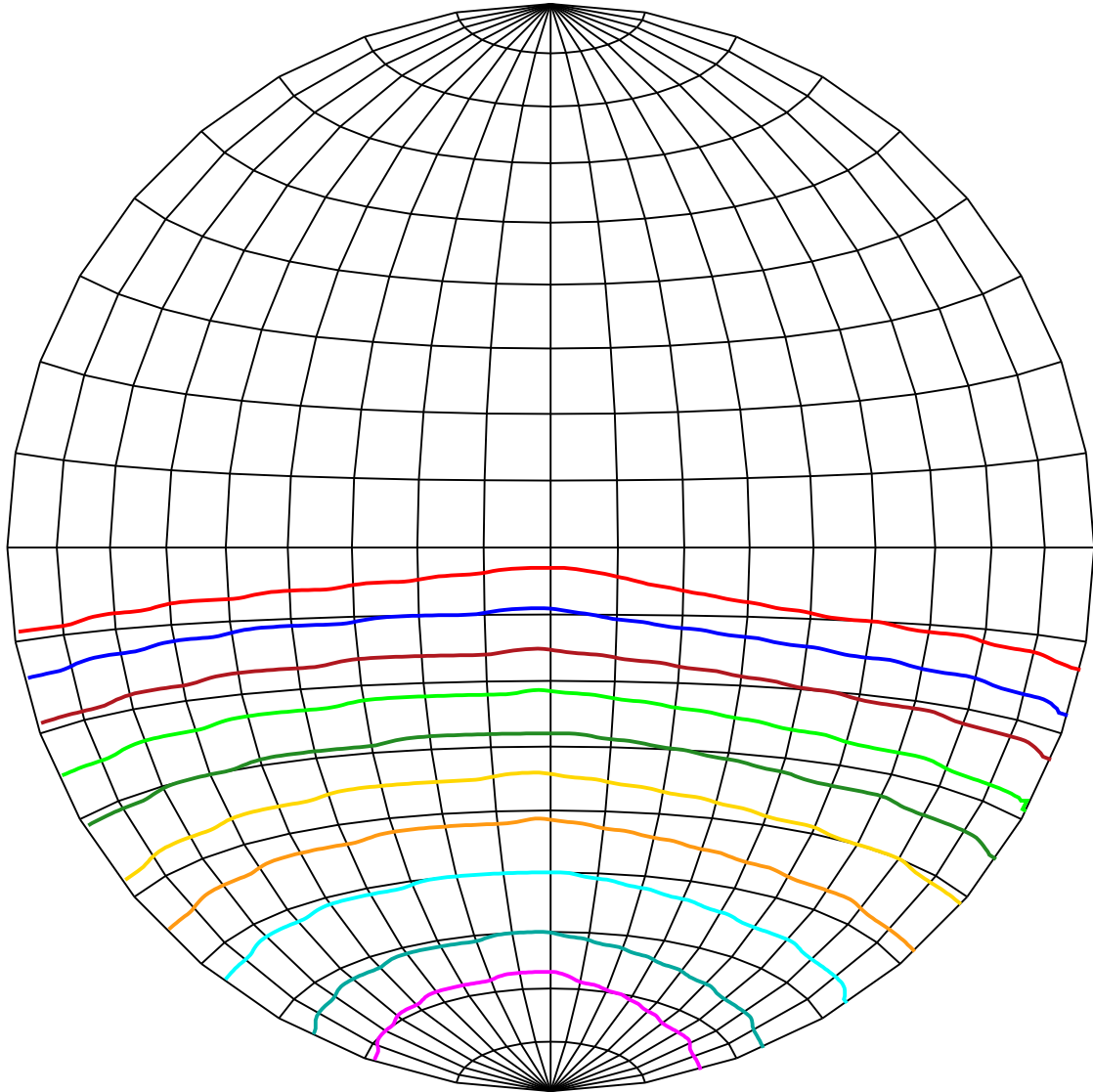
Unit of intensity:cd $I_{max}(100\%)$: 369.477 cd

— 351.003(95% I_{max})	— 184.739(50% I_{max})
— 332.529(90% I_{max})	— 147.791(40% I_{max})
— 295.582(80% I_{max})	— 110.843(30% I_{max})
— 258.634(70% I_{max})	— 73.895(20% I_{max})
— 221.686(60% I_{max})	— 36.948(10% I_{max})

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd $I_{max}(100\%)$: 369.477 cd

— 351.003(95%Imax)	— 184.739(50%Imax)
— 332.529(90%Imax)	— 147.791(40%Imax)
— 295.582(80%Imax)	— 110.843(30%Imax)
— 258.634(70%Imax)	— 73.895(20%Imax)
— 221.686(60%Imax)	— 36.948(10%Imax)

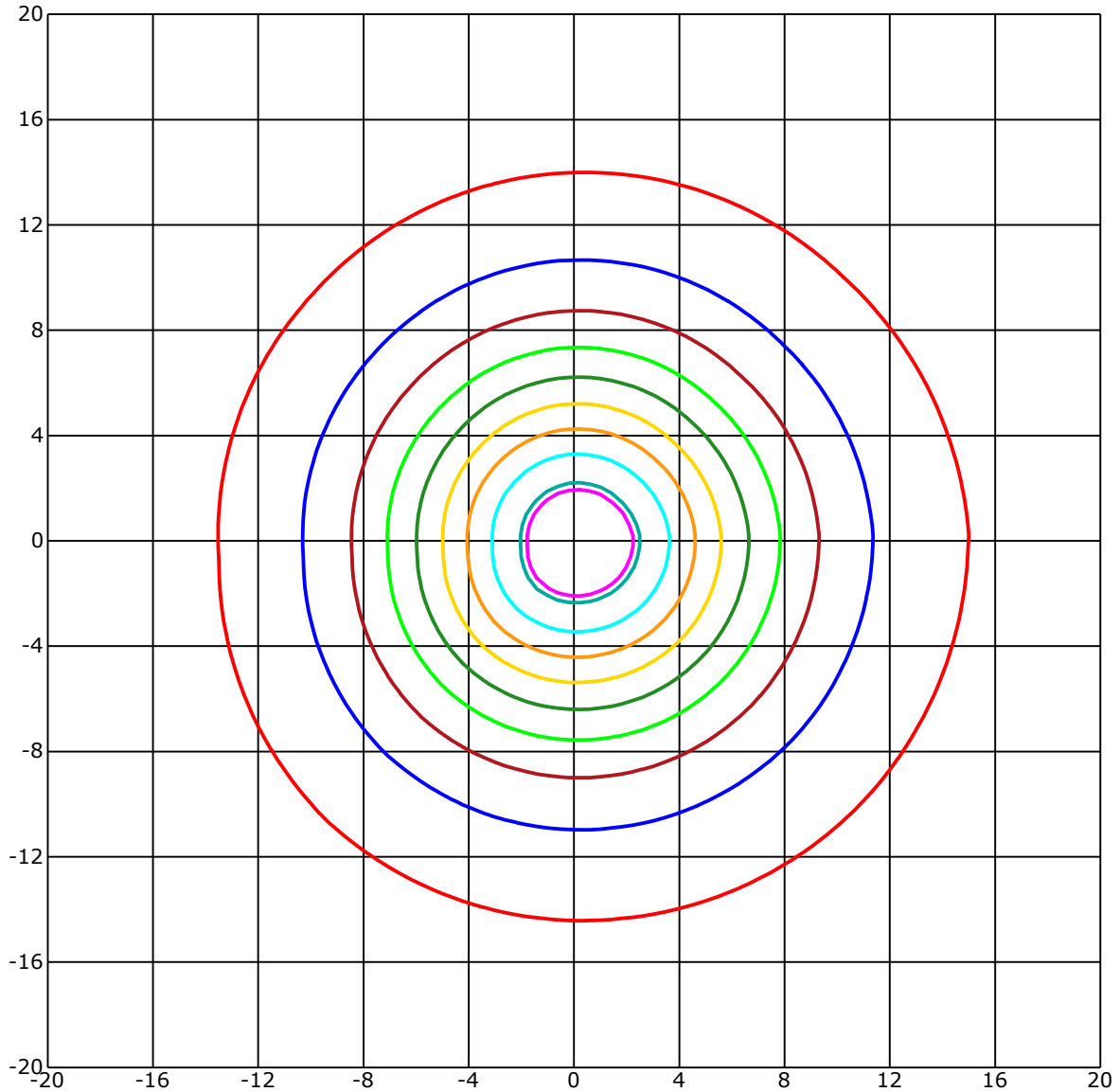
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

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ISOLX DIAGRAM



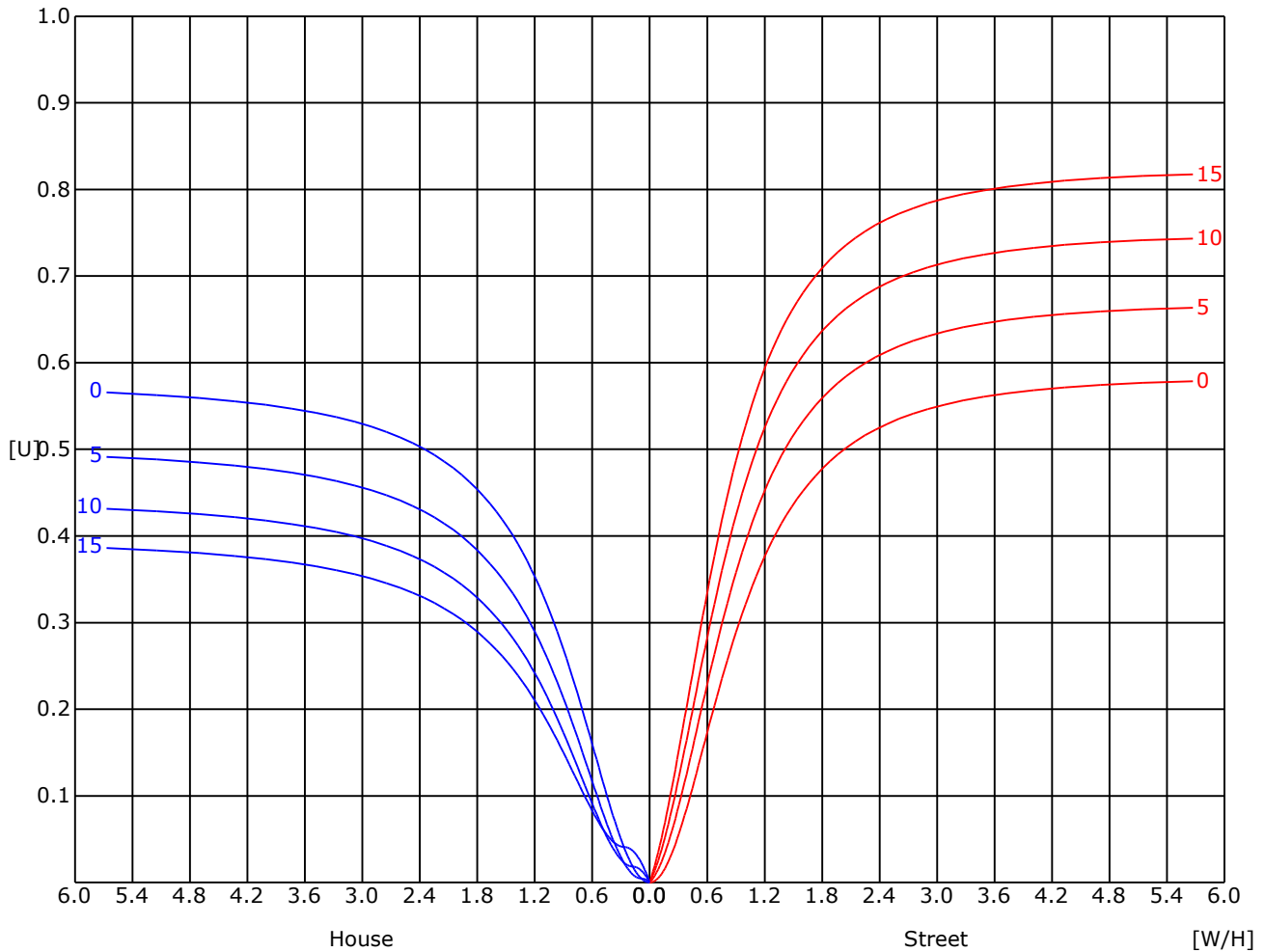
Unit of illumination:lx Height of plane:10.0(m)/32.81(ft)

— 3.392(92%Emax)	— 1.844(50%Emax)
— 3.319(90%Emax)	— 1.475(40%Emax)
— 2.95(80%Emax)	— 1.106(30%Emax)
— 2.581(70%Emax)	— 0.737(20%Emax)
— 2.212(60%Emax)	— 0.369(10%Emax)

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

UTILIZATION FACTOR DIAGRAM (ROAD)

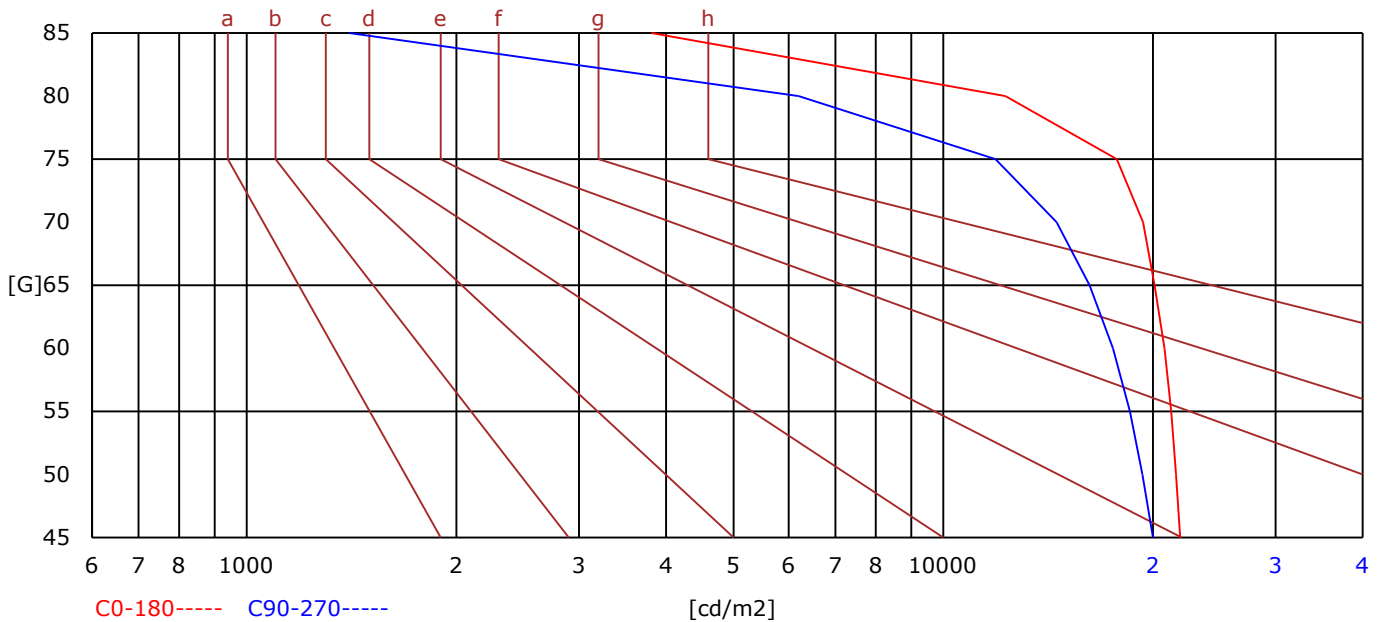


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BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	21883	21586	21240	20764	20098	19354	17753	12284	3812
C90	19999	19312	18533	17512	16217	14539	11889	6202	1404
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
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



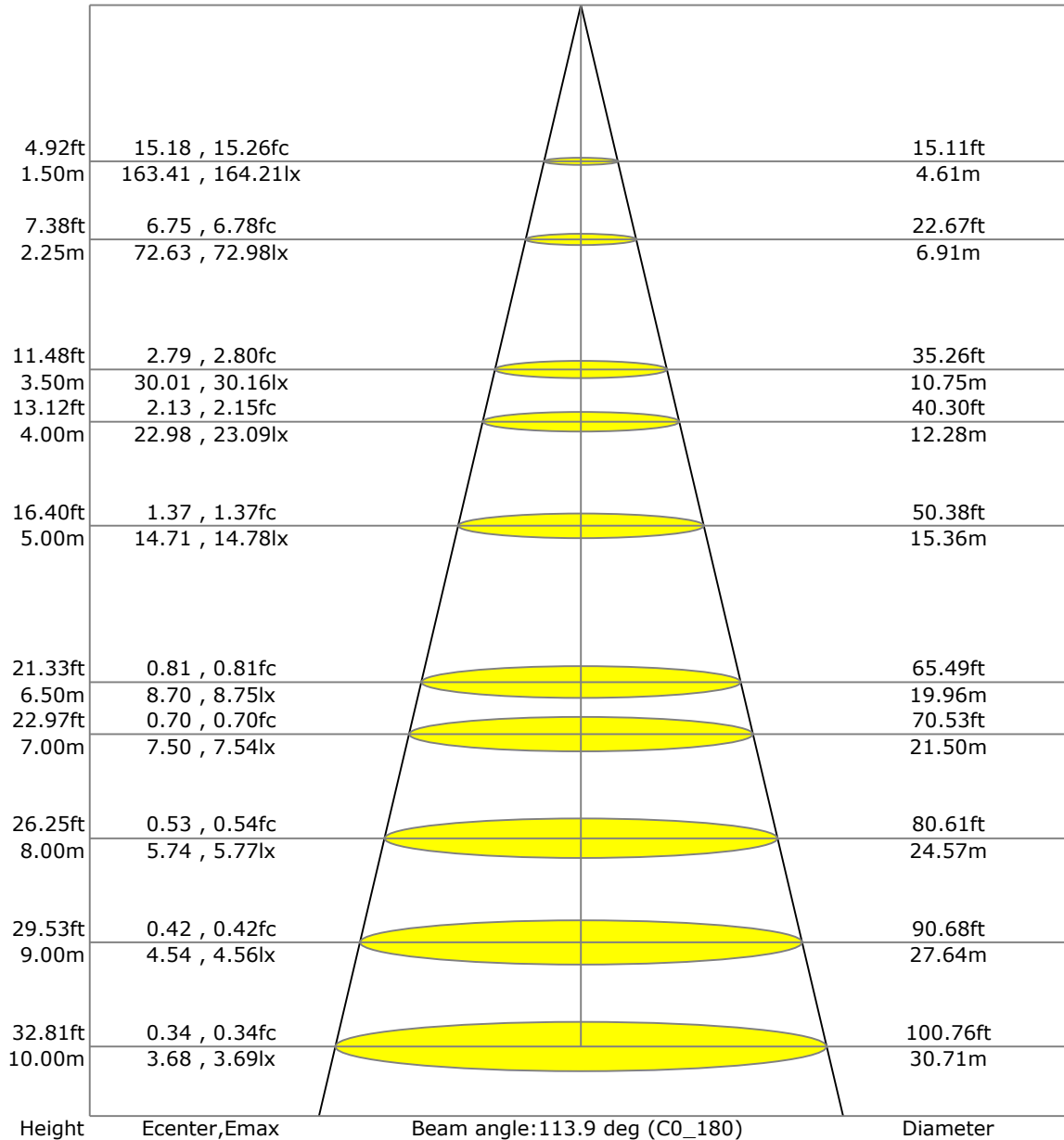
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

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LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

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UGR(Unified Glare Rating) TABLE

RHOCC	70	70	50	50	30	70	70	50	50	30
RHOW	50	30	50	30	30	50	30	50	30	30
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewed Endwise					Viewed Crosswise				
2H 2H	19.66	19.73	19.86	19.92	20.17	19.30	19.38	19.50	19.57	19.81
3H	19.79	19.86	20.00	20.06	20.30	19.50	19.58	19.71	19.77	20.02
4H	19.79	19.86	20.00	20.06	20.31	19.54	19.61	19.75	19.81	20.05
6H	19.76	19.83	19.98	20.04	20.29	19.52	19.59	19.74	19.80	20.05
8H	19.75	19.82	19.97	20.02	20.27	19.51	19.58	19.73	19.78	20.04
12H	19.73	19.80	19.95	20.01	20.26	19.49	19.56	19.72	19.77	20.02
4H 2H	22.33	22.41	22.55	22.60	22.85	21.29	21.36	21.50	21.56	21.81
3H	22.62	22.69	22.84	22.89	23.15	21.65	21.72	21.88	21.93	22.18
4H	22.66	22.72	22.89	22.93	23.19	21.74	21.81	21.97	22.02	22.28
6H	22.64	22.70	22.88	22.92	23.18	21.76	21.82	22.00	22.04	22.31
8H	22.62	22.67	22.86	22.90	23.17	21.76	21.81	22.00	22.04	22.31
12H	22.60	22.65	22.85	22.88	23.15	21.74	21.79	21.99	22.03	22.30
8H 4H	23.15	23.21	23.37	23.42	23.67	21.42	21.48	21.63	21.69	21.94
6H	23.64	23.69	23.90	23.93	24.20	21.97	22.02	22.23	22.26	22.54
8H	23.62	23.67	23.88	23.91	24.19	21.97	22.02	22.24	22.26	22.54
12H	23.60	23.64	23.87	23.89	24.18	21.97	22.01	22.24	22.26	22.54
12H 4H	23.94	23.99	24.19	24.23	24.50	21.92	21.97	22.16	22.20	22.47
6H	23.97	24.02	24.24	24.27	24.54	21.95	22.00	22.22	22.25	22.52

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G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
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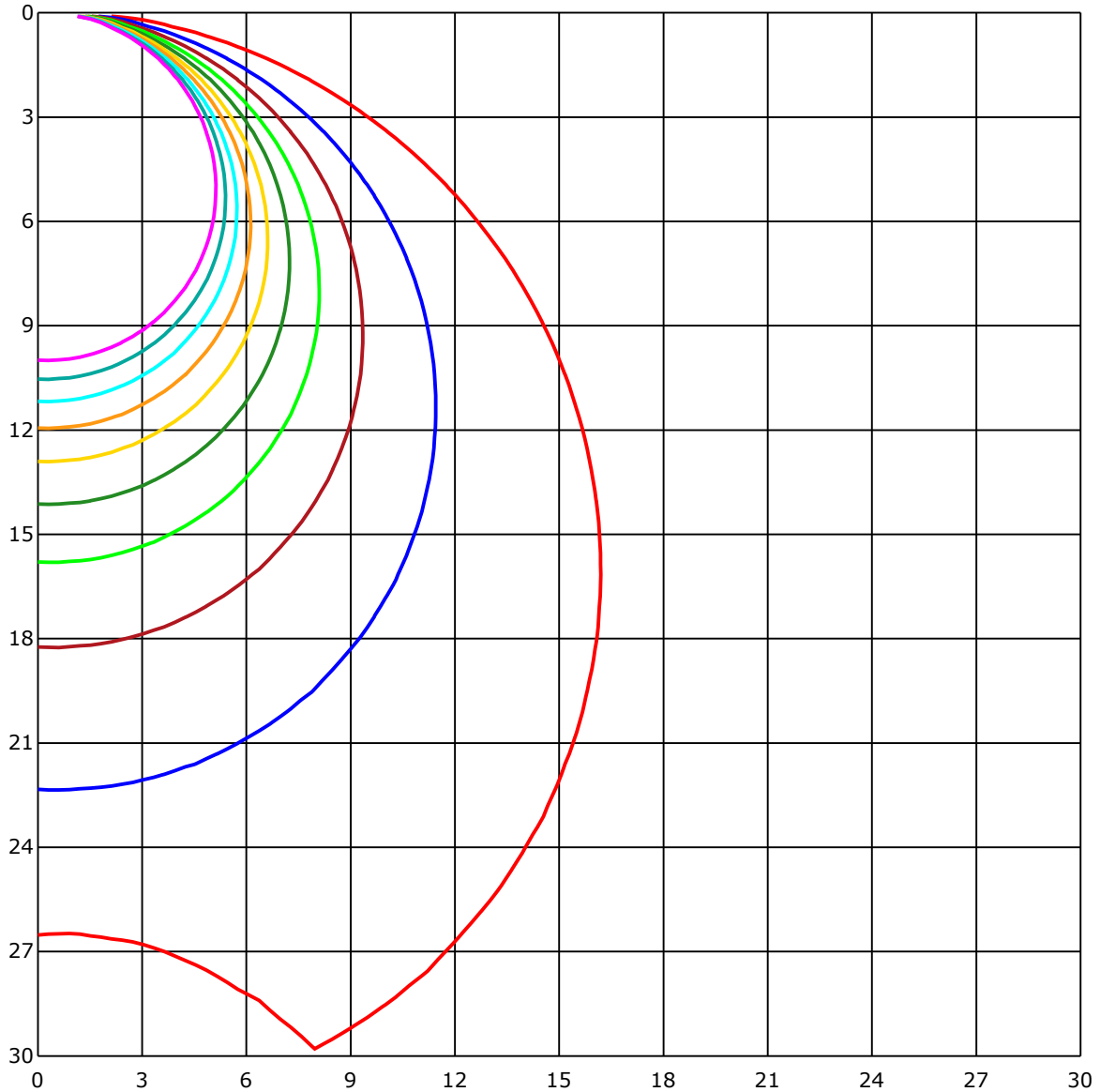
ZONAL LUMINOUS FLUX TABLE

Gamma [deg]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0	368.07	0.00	0.00	0.00	0.00
5	367.16	8.79	8.79	0.81	0.81
10	363.34	26.07	34.86	2.41	3.22
15	355.93	42.49	77.35	3.92	7.14
20	346.06	57.52	134.87	5.31	12.45
25	332.65	70.62	205.50	6.52	18.97
30	316.72	81.38	286.87	7.51	26.48
35	297.86	89.40	376.27	8.25	34.74
40	276.52	94.39	470.66	8.71	43.45
45	252.70	96.23	566.89	8.88	52.34
50	227.00	94.87	661.76	8.76	61.10
55	199.41	90.34	752.10	8.34	69.44
60	170.55	82.83	834.93	7.65	77.08
65	140.51	72.69	907.62	6.71	83.79
70	109.80	60.28	967.90	5.57	89.36
75	78.05	45.83	1013.73	4.23	93.59
80	44.49	29.24	1042.97	2.70	96.29
85	15.24	12.55	1055.53	1.16	97.45
90	5.04	3.84	1059.37	0.35	97.80
95	2.19	1.59	1060.96	0.15	97.95
100	2.21	1.16	1062.12	0.11	98.06
105	2.66	1.35	1063.47	0.13	98.18
110	3.17	1.58	1065.05	0.15	98.33
115	3.61	1.77	1066.82	0.16	98.49
120	4.01	1.90	1068.72	0.17	98.67
125	4.27	1.94	1070.66	0.18	98.85
130	4.49	1.93	1072.58	0.18	99.02
135	4.69	1.88	1074.46	0.17	99.20
140	4.86	1.79	1076.25	0.16	99.36
145	4.86	1.62	1077.87	0.15	99.51
150	4.84	1.43	1079.30	0.13	99.64
155	4.39	1.16	1080.46	0.11	99.75
160	4.29	0.91	1081.37	0.08	99.83
165	4.61	0.74	1082.11	0.07	99.90
170	5.10	0.59	1082.70	0.05	99.96
175	4.74	0.36	1083.06	0.03	99.99
180	4.64	0.11	1083.17	0.01	100.00

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G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

SPACE ISOLX DIAGRAM



Unit of illumination:lx

- | | |
|---------|---------|
| — 3.685 | — 1.843 |
| — 3.317 | — 1.474 |
| — 2.948 | — 1.106 |
| — 2.58 | — 0.737 |
| — 2.211 | — 0.369 |

C Range: 0 - 360 Deg
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G Range: 0 - 180 Deg
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 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:



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LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G0	367.67	368.63	368.29	367.67	367.67	368.63	368.29	367.67	367.67	
G1	368.24	368.91	367.73	366.88	367.33	368.8	368.18	368.35	368.24	
G2	368.97	369.03	368.24	366.77	366.21	368.63	368.18	368.97	368.97	
G3	368.69	368.46	367.39	365.98	365.98	368.57	369.2	368.24	368.69	
G4	368.86	368.57	366.49	365.08	364.23	367.56	368.12	368.35	368.86	
G5	369.48	367.5	366.32	364.06	363.39	367.5	367.79	368.86	369.48	
G6	369.42	366.83	364.63	362.93	361.58	367.11	367.33	368.07	369.42	
G7	369.25	366.38	363.61	361.36	360.74	365.7	366.66	368.57	369.25	
G8	368.63	365.47	362.48	360.28	360.0	364.4	365.98	367.56	368.63	
G9	368.52	363.84	361.47	358.99	357.24	364.23	365.13	367.28	368.52	
G10	367.67	362.77	359.83	356.84	355.72	362.71	364.46	366.26	367.67	
G11	366.71	361.47	358.31	355.66	353.29	360.85	363.05	365.25	366.71	
G12	367.11	360.9	357.52	353.46	351.49	359.38	361.58	364.57	367.11	
G13	365.02	358.87	354.98	350.92	349.34	358.59	360.51	363.78	365.02	
G14	364.29	356.96	353.12	348.78	347.09	356.11	358.76	362.31	364.29	
G15	362.82	355.72	351.37	346.75	344.72	354.31	357.69	360.96	362.82	
G16	361.52	353.85	348.95	345.17	342.12	352.33	355.43	360.11	361.52	
G17	360.11	351.26	347.26	341.84	339.25	350.75	354.14	358.25	360.11	
G18	358.87	349.46	344.32	340.04	336.77	348.33	351.88	356.84	358.87	
G19	357.24	347.71	341.84	336.77	334.4	345.96	349.79	354.81	357.24	
G20	355.72	345.06	339.47	333.89	330.9	343.76	347.59	352.9	355.72	
G21	353.46	342.35	336.77	330.67	327.57	340.94	345.28	351.09	353.46	
G22	352.56	340.21	333.72	327.57	324.36	338.8	342.57	348.67	352.56	
G23	349.34	336.99	330.79	325.15	321.54	335.41	340.21	345.79	349.34	
G24	346.8	333.89	327.91	321.31	317.59	332.54	337.27	343.93	346.8	
G25	344.38	331.69	324.41	317.65	314.26	329.43	334.68	341.9	344.38	
G26	341.9	328.36	321.93	314.09	310.65	326.78	331.52	338.68	341.9	
G27	339.75	325.2	318.55	310.71	306.65	323.0	328.7	336.2	339.75	
G28	336.99	321.37	314.21	306.87	303.49	320.13	325.54	332.76	336.99	
G29	333.83	318.21	311.1	302.98	298.81	316.63	321.93	330.28	333.83	
G30	330.9	315.22	307.1	298.81	295.03	312.8	318.6	326.61	330.9	
G31	327.57	311.05	303.49	295.03	290.63	308.62	315.84	323.62	327.57	
G32	325.6	308.06	300.27	290.35	286.74	305.07	311.44	320.8	325.6	
G33	321.03	303.49	295.2	287.02	282.17	301.06	308.51	316.8	321.03	
G34	318.1	299.26	291.31	281.94	277.54	297.28	304.17	313.25	318.1	
G35	314.04	295.71	287.08	277.88	273.2	293.17	300.22	309.58	314.04	
G36	310.88	291.31	282.23	273.09	268.35	288.49	295.93	305.52	310.88	

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 7.51

Operators: xiong

Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity: 1

Test Distance: 7.42 m

Remarks:



Report No.:

Test Time: 2024/3/26 16:37:08

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G37	307.16	287.02	278.22	268.46	263.61	284.59	291.98	302.14	307.16	
G38	303.32	282.51	273.26	263.73	259.44	280.42	287.53	297.68	303.32	
G39	298.92	278.33	268.86	259.1	254.2	275.68	283.24	293.79	298.92	
G40	295.09	273.99	264.29	254.14	249.18	270.83	279.01	289.39	295.09	
G41	290.86	269.08	259.5	248.72	243.93	266.32	274.44	285.27	290.86	
G42	287.3	264.23	254.42	243.59	239.02	261.3	269.59	280.7	287.3	
G43	282.06	259.67	249.23	239.08	234.23	256.85	265.59	275.97	282.06	
G44	277.88	254.7	244.49	233.38	228.31	251.32	260.12	271.4	277.88	
G45	273.31	249.57	238.97	228.08	223.18	247.6	255.38	267.17	273.31	
G46	268.69	244.55	233.78	222.5	217.76	241.51	250.25	262.6	268.69	
G47	263.78	239.87	229.27	217.25	212.35	236.32	245.34	257.13	263.78	
G48	259.38	234.4	223.23	211.84	206.59	230.85	240.6	252.56	259.38	
G49	254.25	229.32	217.76	205.86	201.18	225.6	234.96	247.09	254.25	
G50	249.12	223.8	212.12	200.22	195.37	220.24	229.49	242.24	249.12	
G51	244.1	218.78	206.65	194.41	190.01	214.6	224.25	236.82	244.1	
G52	239.36	212.97	201.12	188.88	184.2	209.02	218.83	232.54	239.36	
G53	234.12	207.44	195.26	183.07	178.11	203.66	213.59	226.39	234.12	
G54	228.53	201.63	189.28	177.38	172.47	197.51	207.5	220.98	228.53	
G55	223.4	196.5	183.81	171.46	166.72	191.82	201.8	215.67	223.4	
G56	217.93	190.24	177.6	165.14	160.63	186.35	196.1	210.09	217.93	
G57	212.8	184.6	171.74	159.44	154.82	180.42	190.41	204.22	212.8	
G58	206.93	178.96	165.65	153.13	149.07	174.45	184.43	198.75	206.93	
G59	201.12	172.98	159.95	147.37	142.69	168.52	178.73	193.0	201.12	
G60	195.65	167.45	153.52	141.23	136.77	162.6	172.64	187.02	195.65	
G61	189.9	161.19	147.71	134.74	130.74	156.57	166.83	181.1	189.9	
G62	184.48	155.21	141.68	129.04	124.76	150.7	160.57	176.02	184.48	
G63	178.17	149.18	135.3	122.95	119.0	144.5	154.65	169.43	178.17	
G64	172.36	142.97	129.33	116.58	112.57	138.46	148.73	163.11	172.36	
G65	166.38	137.0	122.9	110.54	106.77	132.37	142.58	157.36	166.38	
G66	160.63	130.85	116.92	104.34	100.79	126.39	136.04	151.15	160.63	
G67	154.82	124.76	109.92	98.47	94.81	120.36	129.95	145.06	154.82	
G68	148.67	118.61	103.04	92.27	88.94	114.15	124.14	138.74	148.67	
G69	142.64	112.52	95.65	86.12	82.91	108.12	117.48	132.94	142.64	
G70	136.6	106.77	88.32	80.2	77.16	102.03	111.39	126.79	136.6	
G71	130.51	100.34	80.93	74.45	71.23	95.99	104.96	120.36	130.51	
G72	124.59	94.41	73.38	68.64	65.25	90.01	97.85	114.72	124.59	
G73	118.61	87.87	65.59	62.38	59.5	83.98	90.58	108.29	118.61	

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:



Report No.:

Test Time: 2024/3/26 16:37:08

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G74	112.46	81.05	57.75	56.01	53.75	78.17	83.25	101.97	112.46	
G75	106.37	74.11	49.86	49.63	48.17	72.47	75.86	95.88	106.37	
G76	100.45	66.61	41.96	43.03	42.69	66.61	68.3	89.9	100.45	
G77	94.58	58.83	33.78	36.04	36.94	60.74	60.46	83.42	94.58	
G78	88.6	50.99	25.94	29.67	31.75	54.48	52.79	76.42	88.6	
G79	82.57	42.58	18.56	23.41	26.62	48.05	45.12	68.98	82.57	
G80	76.82	34.4	11.56	17.37	21.54	41.34	36.89	61.65	76.82	
G81	70.78	26.23	5.3	11.84	16.75	34.46	29.16	53.97	70.78	
G82	64.97	18.72	0.23	7.05	12.92	27.97	21.66	45.74	64.97	
G83	59.11	11.96	0.0	3.89	9.64	21.43	14.55	37.39	59.11	
G84	53.35	7.05	0.0	2.82	6.32	15.28	7.73	29.38	53.35	
G85	47.71	5.36	0.0	1.97	4.62	9.81	1.58	21.66	47.71	
G86	42.19	3.61	0.0	1.69	4.62	5.47	0.0	14.61	42.19	
G87	36.49	2.65	0.0	1.41	4.74	3.27	0.0	8.4	36.49	
G88	31.25	2.09	0.0	1.52	4.85	2.54	0.0	5.47	31.25	
G89	26.06	1.64	0.0	1.58	5.08	1.52	0.0	4.46	26.06	
G90	21.26	1.47	0.0	1.58	5.19	1.47	0.0	3.1	21.26	
G91	16.36	1.3	0.0	1.75	5.25	1.58	0.0	2.37	16.36	
G92	12.24	1.3	0.0	1.8	5.41	1.64	0.0	1.92	12.24	
G93	9.02	1.3	0.0	1.92	5.53	1.75	0.0	1.24	9.02	
G94	5.53	1.41	0.0	1.92	5.7	1.8	0.0	1.16	5.53	
G95	3.84	1.47	0.0	1.97	5.75	1.8	0.0	1.07	3.84	
G96	3.84	1.58	0.0	2.09	5.87	1.92	0.0	1.18	3.84	
G97	4.0	1.64	0.0	2.14	5.98	2.03	0.0	1.18	4.0	
G98	4.06	1.64	0.0	2.14	6.2	2.09	0.0	1.24	4.06	
G99	4.17	1.75	0.0	2.2	6.2	2.14	0.0	1.24	4.17	
G100	4.23	1.92	0.06	2.26	6.32	2.26	0.0	1.35	4.23	
G101	4.34	2.09	0.17	2.37	6.49	2.26	0.0	1.52	4.34	
G102	4.51	2.2	0.17	2.37	6.66	2.37	0.0	1.58	4.51	
G103	4.62	2.31	0.23	2.48	6.82	2.48	0.0	1.69	4.62	
G104	4.85	2.48	0.28	2.54	6.94	2.37	0.0	1.8	4.85	
G105	4.96	2.59	0.34	2.59	7.11	2.43	0.11	1.97	4.96	
G106	5.19	2.76	0.34	2.71	7.22	2.54	0.17	2.09	5.19	
G107	5.36	2.82	0.51	2.76	7.33	2.65	0.23	2.2	5.36	
G108	5.58	2.88	0.51	2.88	7.44	2.71	0.28	2.31	5.58	
G109	5.64	2.99	0.51	2.93	7.56	2.88	0.28	2.54	5.64	
G110	5.81	3.05	0.56	3.05	7.73	2.88	0.34	2.54	5.81	

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:

Report No.:

Test Time: 2024/3/26 16:37:08

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G111	5.98	3.16	0.62	3.21	7.84	2.99	0.45	2.65	5.98	
G112	6.09	3.16	0.73	3.33	7.9	3.16	0.51	2.82	6.09	
G113	6.26	3.21	0.79	3.44	8.01	3.27	0.56	2.82	6.26	
G114	6.37	3.27	0.79	3.5	8.12	3.38	0.56	2.88	6.37	
G115	6.49	3.38	0.85	3.67	8.23	3.5	0.62	2.99	6.49	
G116	6.6	3.38	0.9	3.67	8.29	3.67	0.68	3.1	6.6	
G117	6.94	3.44	1.02	3.78	8.35	3.72	0.73	3.1	6.94	
G118	6.77	3.55	1.02	3.89	8.46	3.89	0.73	3.16	6.77	
G119	6.82	3.67	1.07	3.95	8.52	4.0	0.85	3.21	6.82	
G120	6.88	3.67	1.13	3.89	8.52	4.12	0.9	3.27	6.88	
G121	6.99	3.72	1.18	4.0	8.57	4.12	0.96	3.44	6.99	
G122	7.11	3.78	1.18	4.06	8.63	4.23	1.02	3.5	7.11	
G123	7.11	3.84	1.24	4.06	8.63	4.34	1.07	3.5	7.11	
G124	7.22	3.89	1.3	4.0	8.63	4.4	1.07	3.61	7.22	
G125	7.22	3.95	1.41	4.12	8.57	4.46	1.13	3.67	7.22	
G126	7.39	4.0	1.47	4.12	8.57	4.57	1.24	3.72	7.39	
G127	7.39	4.06	1.47	4.12	8.52	4.57	1.3	3.78	7.39	
G128	7.5	4.12	1.52	4.17	8.63	4.62	1.3	3.84	7.5	
G129	7.61	4.12	1.58	4.23	8.52	4.68	1.3	3.89	7.61	
G130	7.61	4.17	1.69	4.29	8.57	4.62	1.35	3.95	7.61	
G131	7.73	4.23	1.75	4.34	8.46	4.68	1.52	4.0	7.73	
G132	7.84	4.4	1.86	4.34	8.46	4.74	1.47	4.17	7.84	
G133	7.73	4.4	1.92	4.34	8.46	4.68	1.58	4.17	7.73	
G134	7.78	4.51	1.97	4.23	8.4	4.85	1.58	4.17	7.78	
G135	7.84	4.62	2.14	4.29	8.4	4.96	1.75	4.34	7.84	
G136	7.78	4.57	2.2	4.17	8.29	4.91	1.8	4.34	7.78	
G137	7.9	4.57	2.31	4.17	8.18	4.96	1.97	4.46	7.9	
G138	7.84	4.57	2.37	4.17	8.23	5.02	2.09	4.51	7.84	
G139	7.78	4.68	2.48	4.0	8.01	5.13	2.26	4.57	7.78	
G140	7.78	4.68	2.59	3.89	7.95	5.02	2.31	4.62	7.78	
G141	7.78	4.57	2.82	3.72	7.9	5.13	2.54	4.68	7.78	
G142	7.9	4.51	2.93	3.27	7.9	5.19	2.71	4.68	7.9	
G143	7.73	4.51	3.05	2.65	7.78	5.19	2.82	4.74	7.73	
G144	7.78	4.51	3.21	2.65	7.78	5.19	2.99	4.74	7.78	
G145	7.73	4.57	3.38	2.65	7.73	5.13	3.1	4.62	7.73	
G146	7.73	4.46	3.5	2.65	7.73	4.96	3.27	4.46	7.73	
G147	7.67	4.4	3.72	2.65	7.73	4.85	3.44	4.51	7.67	

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks:



Report No.:

Test Time: 2024/3/26 16:37:08

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G148	7.73	4.29	3.84	2.59	7.61	4.74	3.67	4.51	7.73	
G149	7.67	4.12	4.0	2.59	7.28	4.74	3.78	4.57	7.67	
G150	7.84	3.89	4.17	2.54	6.99	4.62	3.95	4.51	7.84	
G151	7.73	3.61	4.34	2.59	6.6	4.46	4.17	4.4	7.73	
G152	7.78	3.27	4.57	2.59	6.2	4.4	4.34	4.29	7.78	
G153	7.56	2.99	4.68	2.65	5.7	4.29	4.51	3.95	7.56	
G154	7.44	2.65	4.85	2.59	5.13	4.17	4.57	3.67	7.44	
G155	7.33	2.71	4.96	2.76	5.02	4.12	4.74	3.44	7.33	
G156	7.11	2.82	5.02	2.76	5.19	3.78	4.85	3.21	7.11	
G157	7.05	2.99	5.13	2.99	5.58	3.5	4.96	2.82	7.05	
G158	6.71	3.21	5.19	3.21	5.64	3.16	5.02	2.59	6.71	
G159	6.43	3.44	5.19	3.27	5.41	2.71	5.08	2.76	6.43	
G160	6.03	3.72	5.19	3.44	5.19	2.82	5.08	2.88	6.03	
G161	5.7	3.89	5.19	3.61	4.91	3.05	5.19	3.1	5.7	
G162	5.64	4.12	5.19	3.78	4.85	3.16	5.25	3.33	5.64	
G163	5.13	4.29	5.25	4.0	4.91	3.5	5.36	3.78	5.13	
G164	4.79	4.51	5.36	4.12	4.85	3.84	5.36	4.06	4.79	
G165	4.85	4.79	5.36	4.23	4.85	4.12	5.47	4.29	4.85	
G166	4.96	4.79	5.36	4.4	5.02	4.4	5.64	4.4	4.96	
G167	5.08	5.02	5.36	4.57	4.91	4.74	5.75	4.68	5.08	
G168	5.08	5.13	5.3	4.68	4.96	4.74	5.92	4.74	5.08	
G169	5.19	5.13	5.19	4.68	4.79	4.85	6.09	4.91	5.19	
G170	5.36	5.25	4.91	4.85	4.68	5.02	6.15	5.02	5.36	
G171	5.47	5.36	4.79	4.91	4.34	5.13	6.2	5.08	5.47	
G172	5.53	5.25	4.62	4.85	4.17	5.19	6.15	5.13	5.53	
G173	5.58	4.91	4.12	4.62	3.95	5.19	6.15	5.25	5.58	
G174	5.53	4.51	3.72	4.23	3.55	5.25	5.81	5.36	5.53	
G175	5.53	4.06	3.44	3.95	3.21	5.41	5.58	5.41	5.53	
G176	5.41	3.5	3.21	3.44	3.05	5.3	5.41	5.3	5.41	
G177	5.25	4.0	3.44	3.78	3.21	5.19	5.25	5.19	5.25	
G178	4.85	4.57	3.84	4.29	3.67	5.13	4.96	5.08	4.85	
G179	4.74	4.91	4.23	4.62	4.06	5.02	4.57	4.96	4.74	
G180	4.77	0.0	0.0	0.0	4.64	4.94	4.32	4.85	4.77	

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 7.51
 Operators: xiong
 Test Date: 2024/3/26 16:37:08

G Range: 0 - 180 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-1600B Goniophotometer
 Humidity: 1
 Test Distance: 7.42 m
 Remarks: