

Report No.:

Test Time: 2020/2/29 8:53:51

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: 0  
Luminaire Type: SP-5'-12W-CCT-4000K  
Lamp Type:  
Luminous Width: 0 mm  
Luminous Length: 0 mm  
Luminous Height: 0 mm

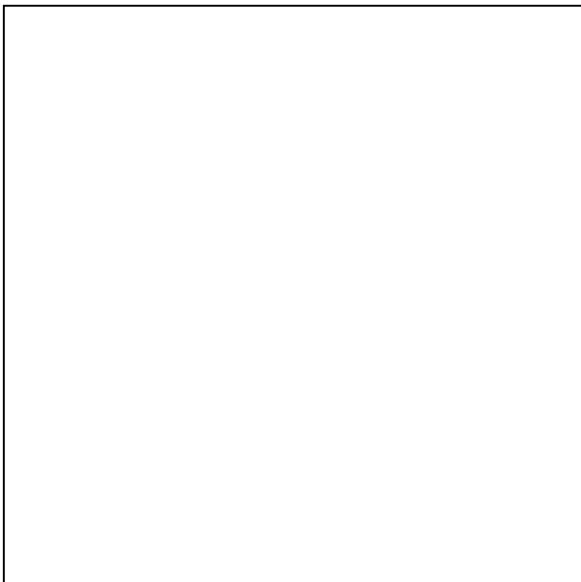
Voltage(V): 229.87 V  
Current(A): 0.0540 A  
Power(W): 12.01 W  
Power Factor: 0.9680  
Lamp Luminous Flux: 1113.05

### Photometric Results

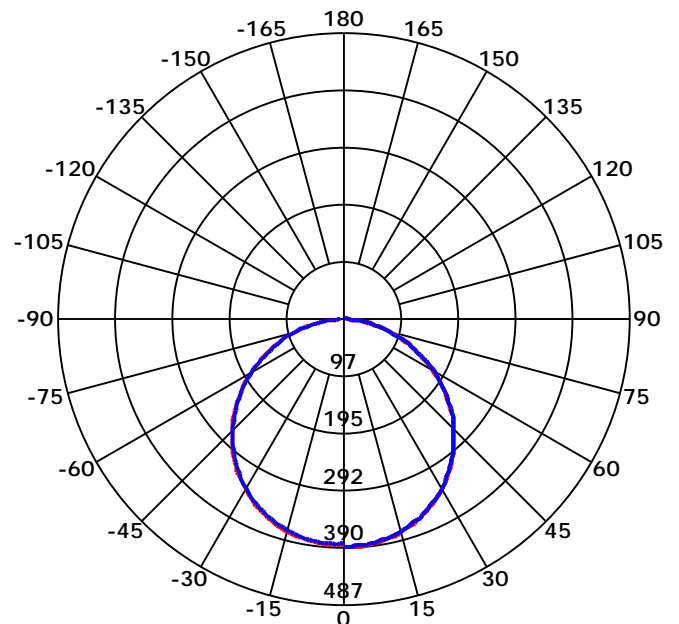
CIE Class: Direct  
Luminaire Luminous Flux: 1113.049  
Downward Ratio: 0.09%  
Luminaire Efficacy Rating(LER): 92.68 lm/W  
Beam Angle(50%) C0-180,C90-270: 114.8,114.6  
Field Angle(10%) C0-180,C90-270: 163.1,164.1

Max. Intensity: 389.61 cd  
Max.Intensity Angle: C=0 Gamma=2  
Upward Ratio: 99.91%  
Efficacy: 100.00%  
Center Intensity: 389.37 cd

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 114.6 deg

C0-180 ——— C90-270 ———

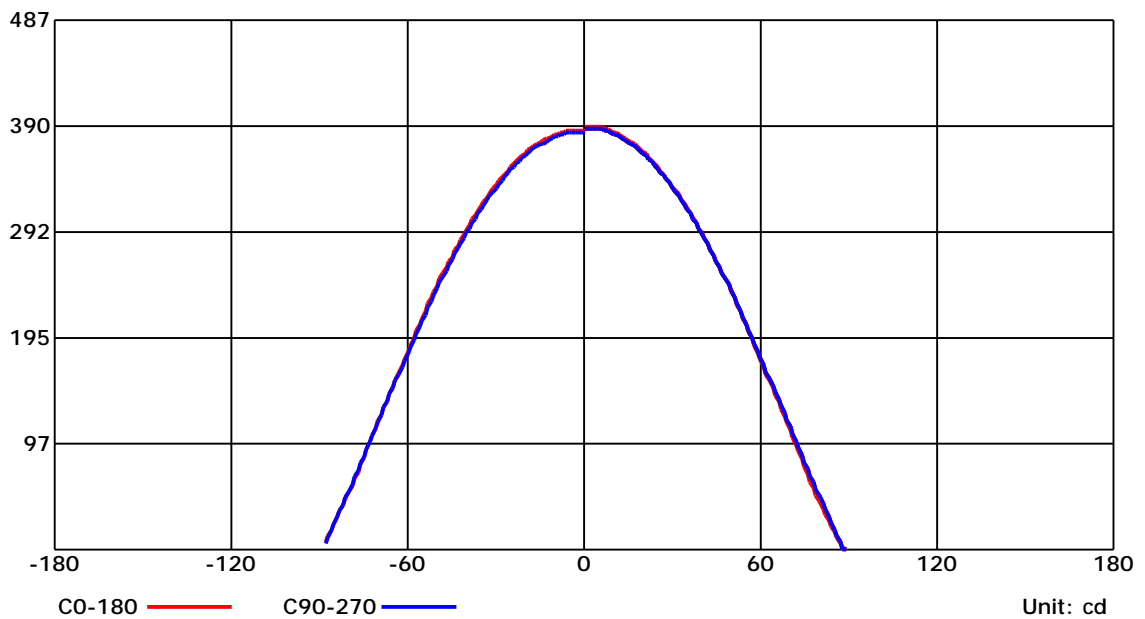
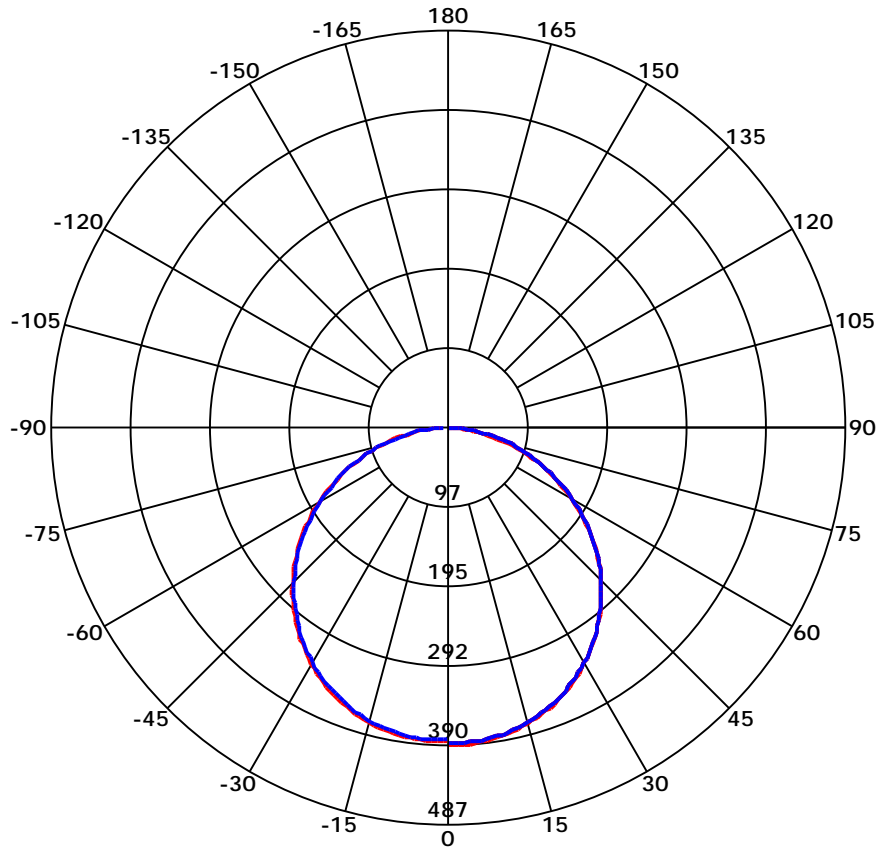
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.4 m  
Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

### Luminous Intensity Distribution Curve



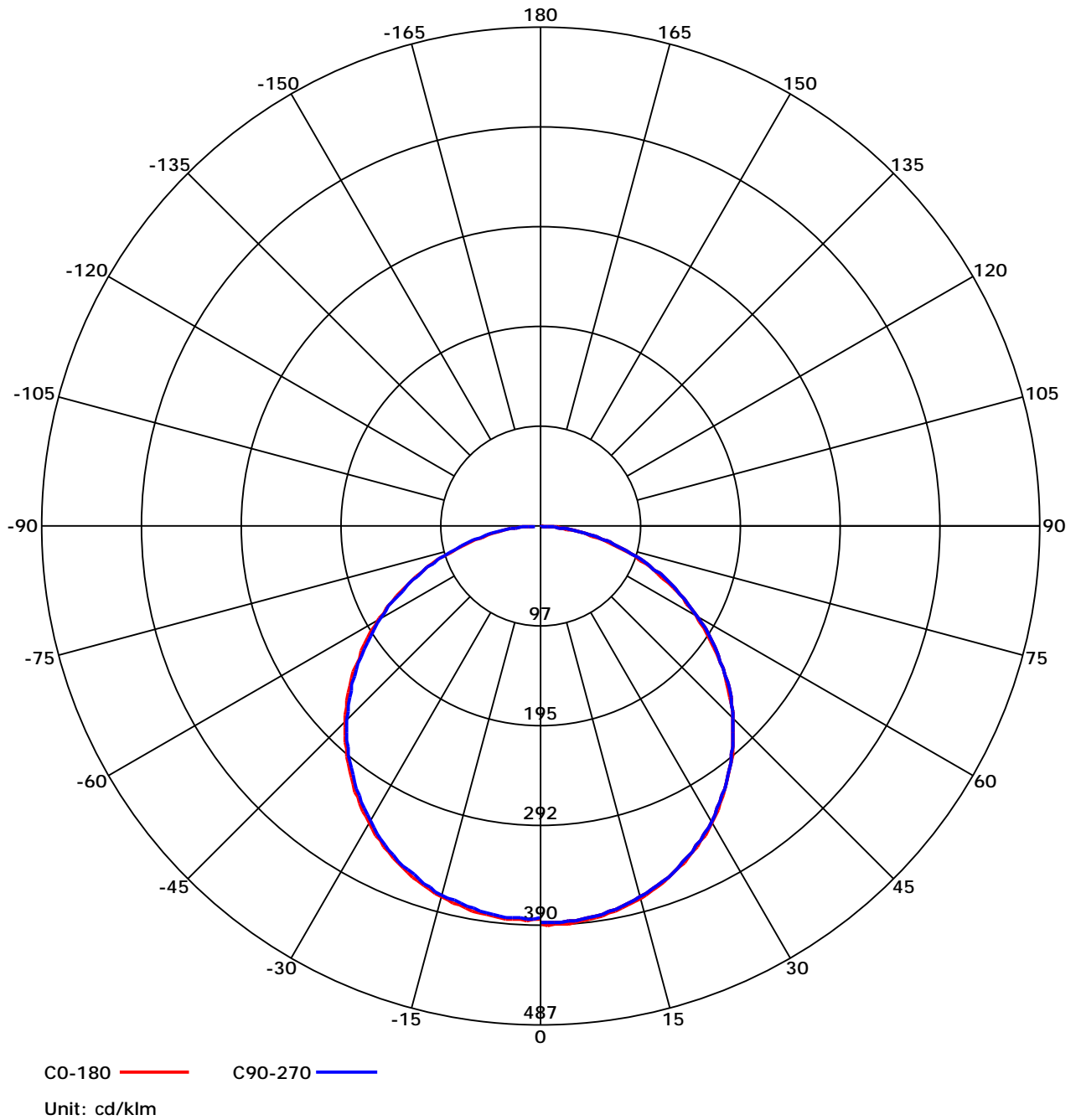
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.4 m  
Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## Luminous Intensity Distribution Curve



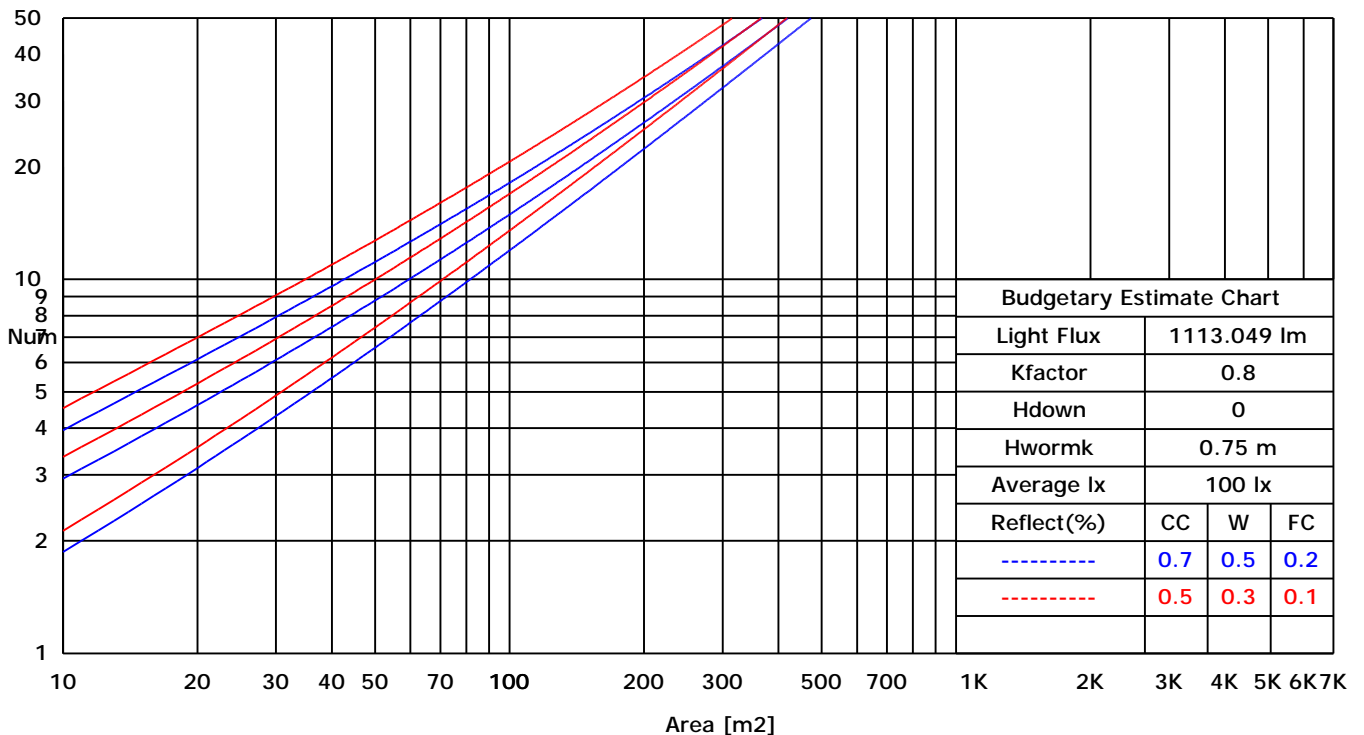
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.4 m  
Remarks:

## 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	1.05	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	0.91	0.94	0.91	0.89	0.91	0.88	0.86	0.87	0.84	0.81	0.82	0.79	0.76	0.71
3	0.84	0.82	0.80	0.84	0.81	0.79	0.82	0.78	0.75	0.79	0.75	0.72	0.75	0.71	0.67	0.63
4	0.75	0.73	0.71	0.75	0.72	0.70	0.74	0.70	0.67	0.72	0.67	0.64	0.69	0.64	0.60	0.56
5	0.68	0.66	0.64	0.68	0.65	0.63	0.67	0.63	0.60	0.66	0.61	0.57	0.64	0.58	0.54	0.50
6	0.62	0.59	0.58	0.62	0.59	0.57	0.62	0.57	0.54	0.61	0.56	0.52	0.59	0.53	0.49	0.45
7	0.56	0.54	0.53	0.57	0.54	0.52	0.57	0.52	0.49	0.56	0.51	0.47	0.55	0.49	0.45	0.41
8	0.52	0.50	0.48	0.52	0.49	0.47	0.53	0.48	0.45	0.52	0.47	0.43	0.52	0.46	0.41	0.38
9	0.48	0.46	0.45	0.49	0.46	0.44	0.49	0.45	0.42	0.49	0.44	0.40	0.48	0.42	0.38	0.35
10	0.45	0.43	0.42	0.45	0.42	0.41	0.46	0.42	0.39	0.46	0.41	0.37	0.46	0.40	0.35	0.32

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

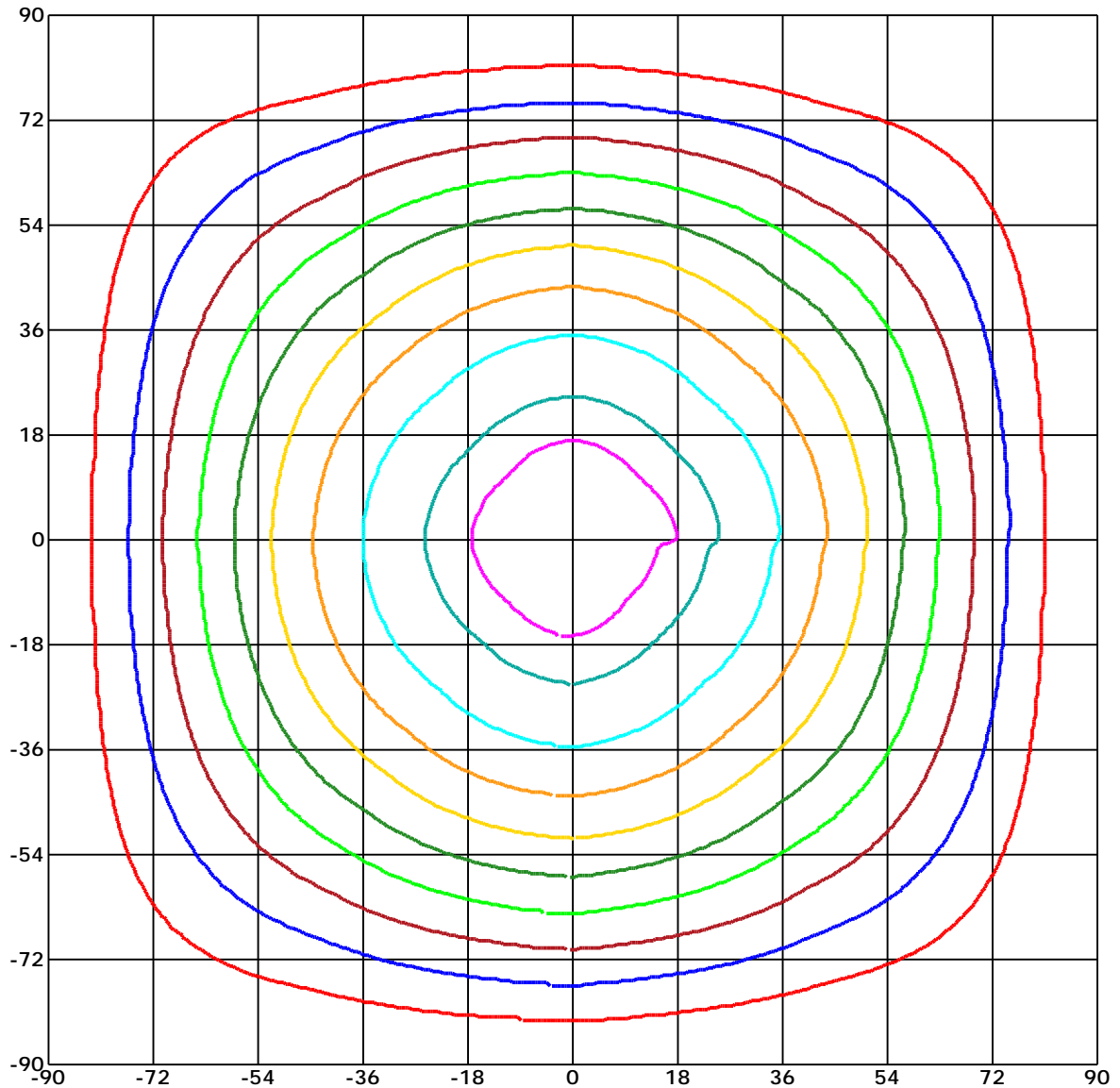
Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

## ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd    Imax(100%): 389.612 cd

370.131(95%Imax)	194.806(50%Imax)
350.65(90%Imax)	155.845(40%Imax)
311.689(80%Imax)	116.884(30%Imax)
272.728(70%Imax)	77.922(20%Imax)
233.767(60%Imax)	38.961(10%Imax)

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

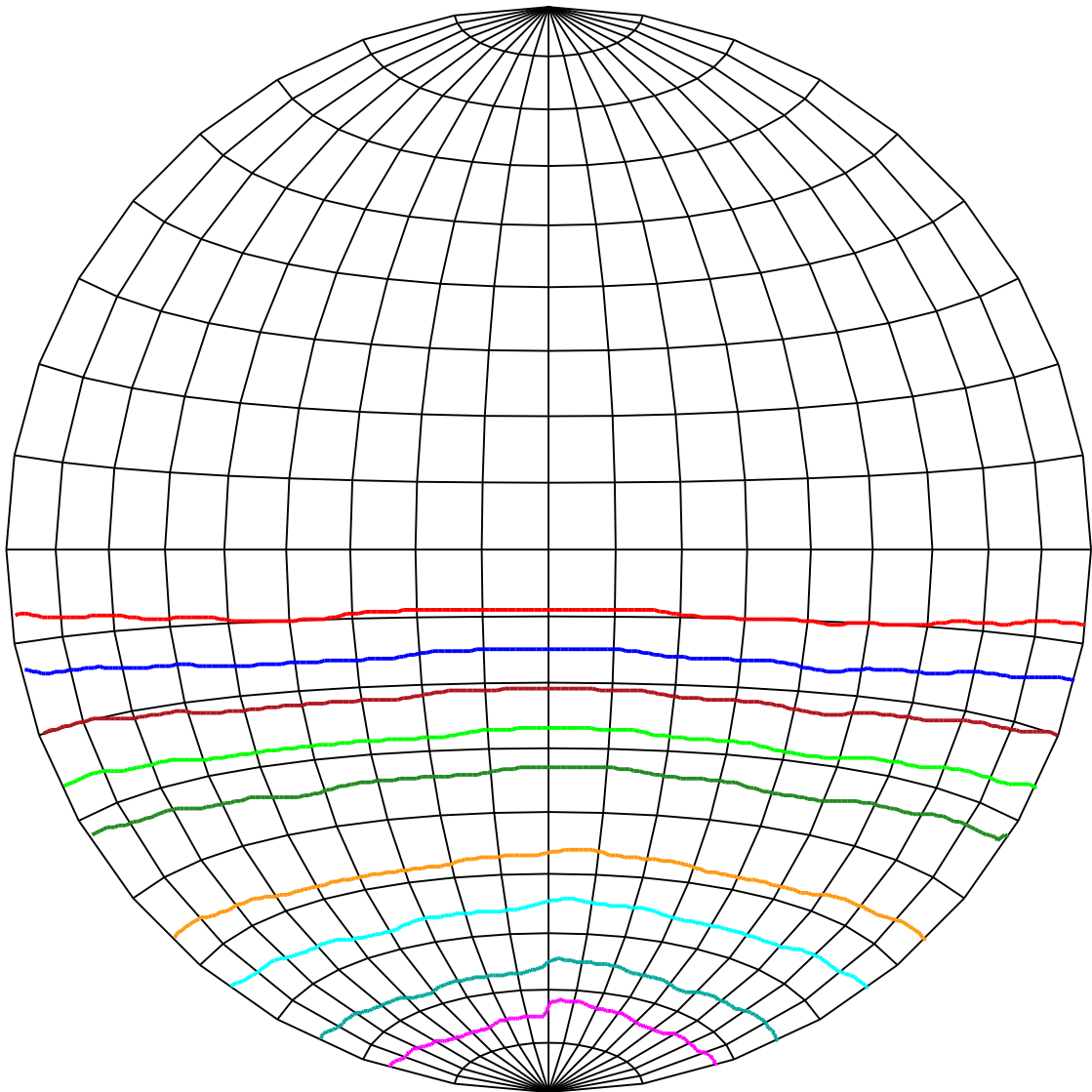
Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

## ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd      Imax(100%): 389.612 cd

370.131(95%Imax)	194.806(50%Imax)
350.65(90%Imax)	155.845(40%Imax)
311.689(80%Imax)	116.884(30%Imax)
272.728(70%Imax)	77.922(20%Imax)
233.767(60%Imax)	38.961(10%Imax)

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

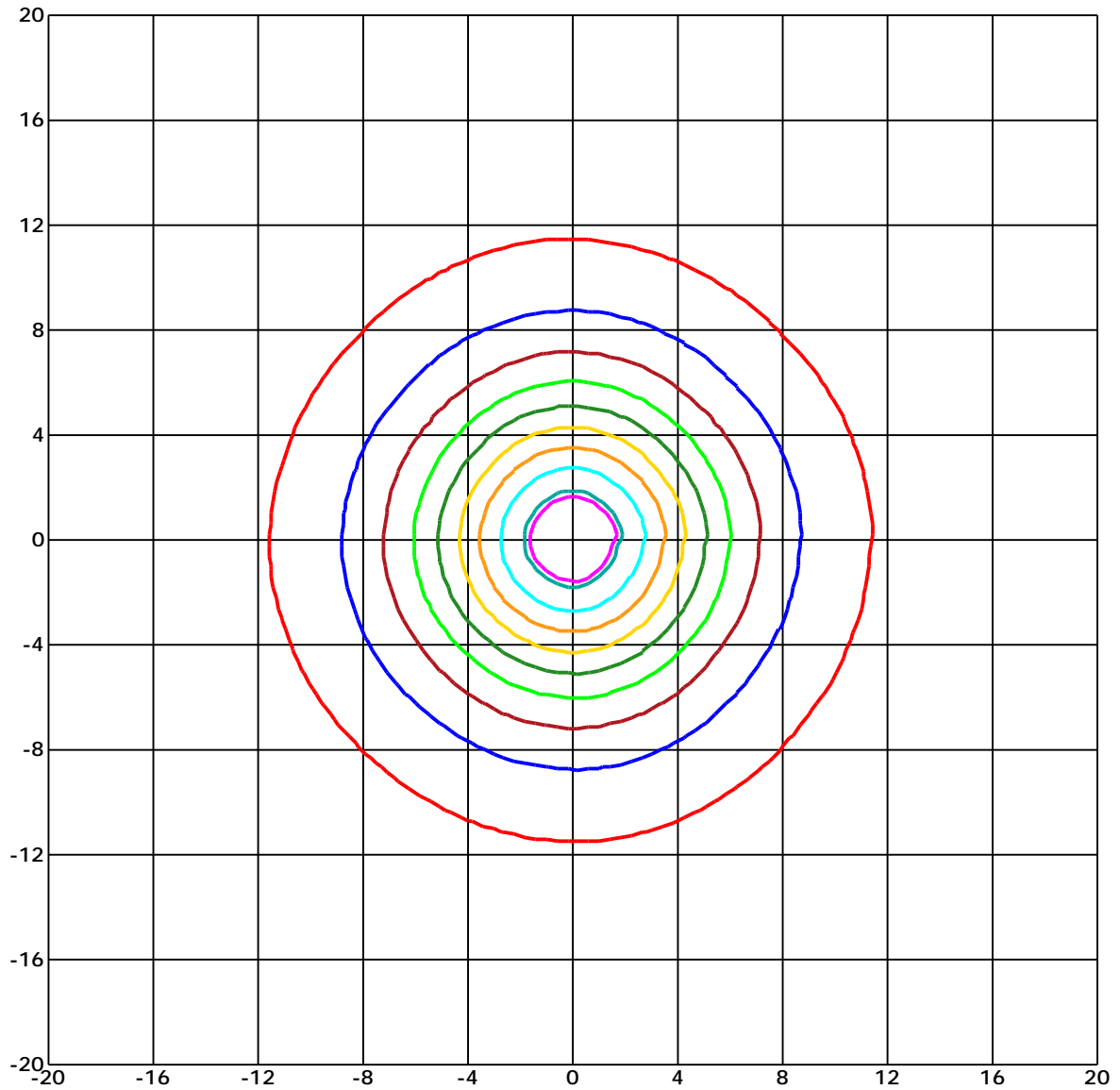
Test Distance: 6.4 m

Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## ISOLX DIAGRAM



Unit of illumination: lx      Height of plane: 8.0(m)/26.25(ft)

5.598(1%Emax)	3.042(1%Emax)
5.476(1%Emax)	2.434(1%Emax)
4.867(1%Emax)	1.825(0%Emax)
4.259(1%Emax)	1.217(0%Emax)
3.651(1%Emax)	0.608(0%Emax)

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

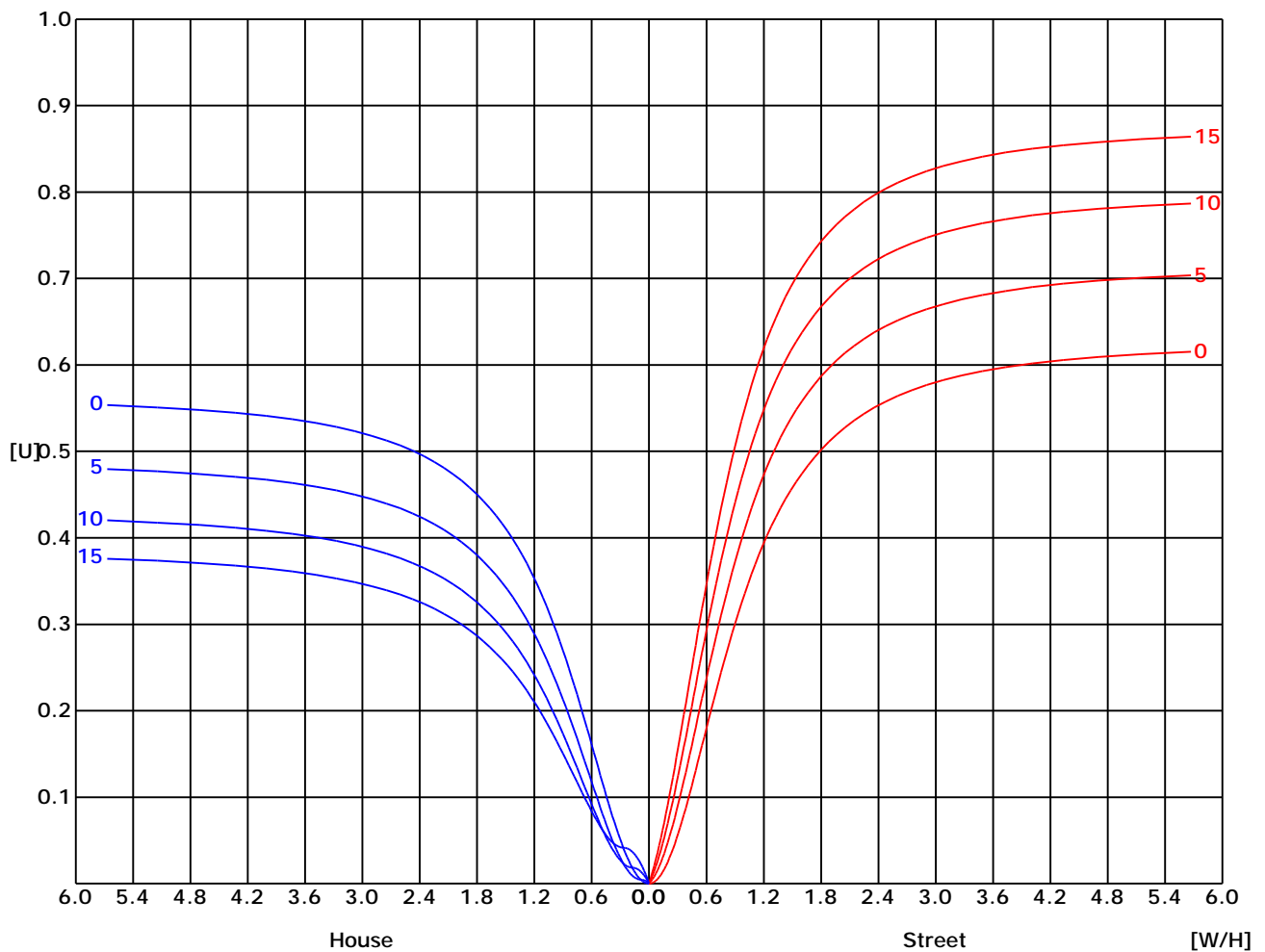
Test System: HuiPu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

## UTILIZATION FACTOR DIAGRAM (ROAD)



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

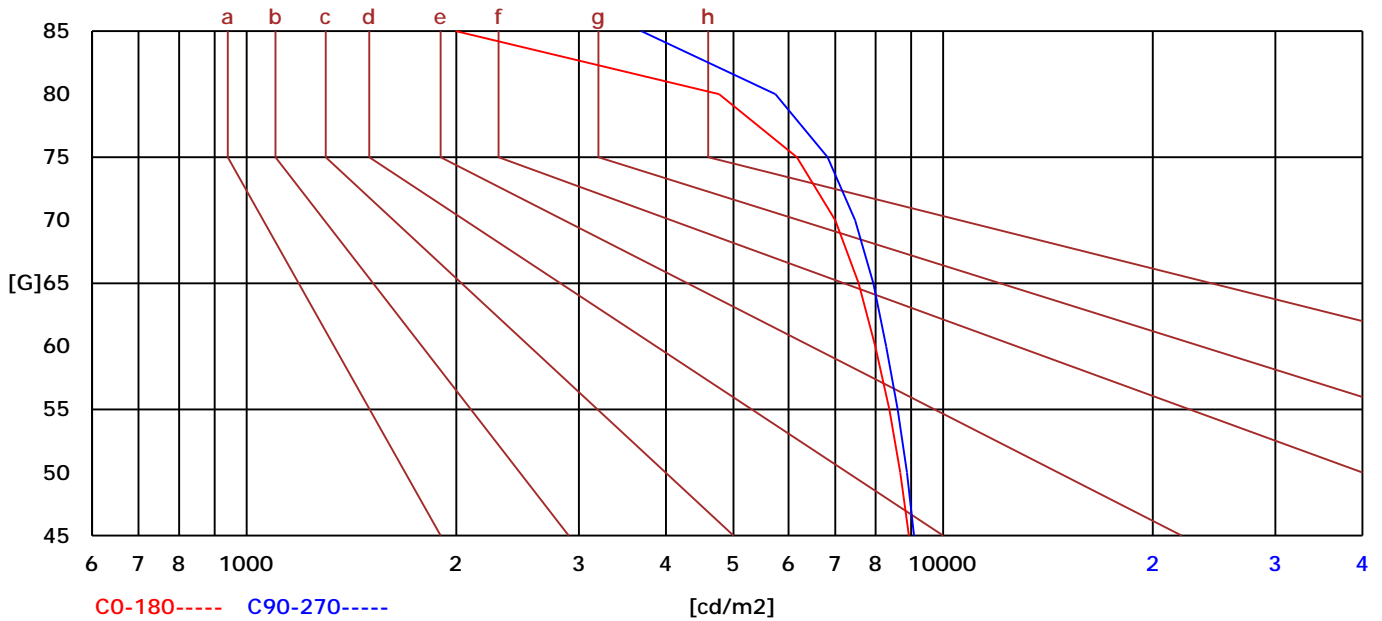


Report No.:

Test Time: 2020/2/29 8:53:51

## BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	8935	8676	8369	7991	7567	7000	6164	4771	1997
C90	9086	8877	8602	8288	7943	7479	6829	5744	3689
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



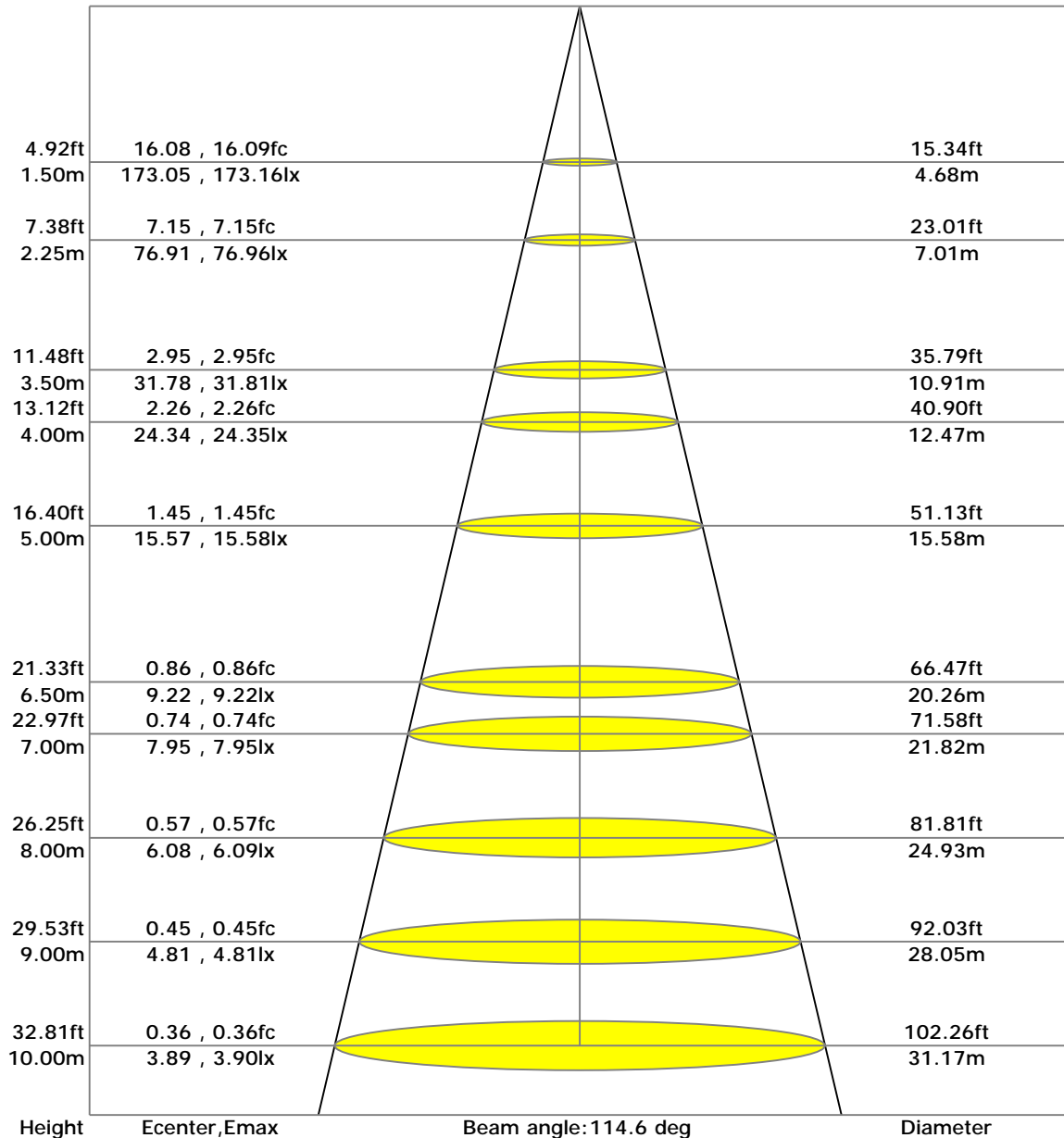
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.4 m  
 Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## UGR(Unified Glare Rating) TABLE

RHOCC	70	70	50	50	30	70	70	50	50	30
RHOW	70	70	50	50	30	70	70	50	50	30
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewed Endwise					Viewed Crosswise				
2H 2H	18.88	18.95	19.08	19.14	19.39	18.89	18.97	19.09	19.16	19.40
3H	19.00	19.08	19.21	19.27	19.52	19.01	19.09	19.22	19.28	19.53
4H	19.01	19.09	19.22	19.28	19.53	19.02	19.10	19.24	19.29	19.54
6H	19.00	19.07	19.21	19.27	19.52	19.00	19.08	19.22	19.28	19.53
8H	18.98	19.05	19.20	19.25	19.51	18.99	19.06	19.21	19.26	19.52
12H	18.96	19.03	19.19	19.24	19.49	18.97	19.04	19.20	19.25	19.50
4H 2H	21.41	21.48	21.62	21.68	21.93	21.49	21.57	21.71	21.77	22.01
3H	21.65	21.71	21.87	21.92	22.18	21.73	21.80	21.95	22.00	22.26
4H	21.69	21.76	21.92	21.97	22.23	21.77	21.84	22.00	22.05	22.31
6H	21.70	21.76	21.94	21.98	22.24	21.77	21.83	22.01	22.05	22.32
8H	21.68	21.74	21.93	21.97	22.23	21.76	21.82	22.00	22.04	22.31
12H	21.67	21.72	21.91	21.95	22.22	21.74	21.79	21.99	22.02	22.29
8H 4H	22.00	22.07	22.22	22.28	22.53	22.18	22.25	22.40	22.45	22.71
6H	22.46	22.51	22.71	22.75	23.02	22.63	22.68	22.89	22.92	23.20
8H	22.45	22.50	22.71	22.74	23.02	22.63	22.67	22.89	22.92	23.19
12H	22.44	22.48	22.70	22.73	23.01	22.61	22.65	22.88	22.90	23.18
12H 4H	22.52	22.58	22.77	22.81	23.08	22.73	22.79	22.98	23.02	23.29
6H	22.57	22.62	22.83	22.86	23.14	22.78	22.82	23.04	23.07	23.34

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

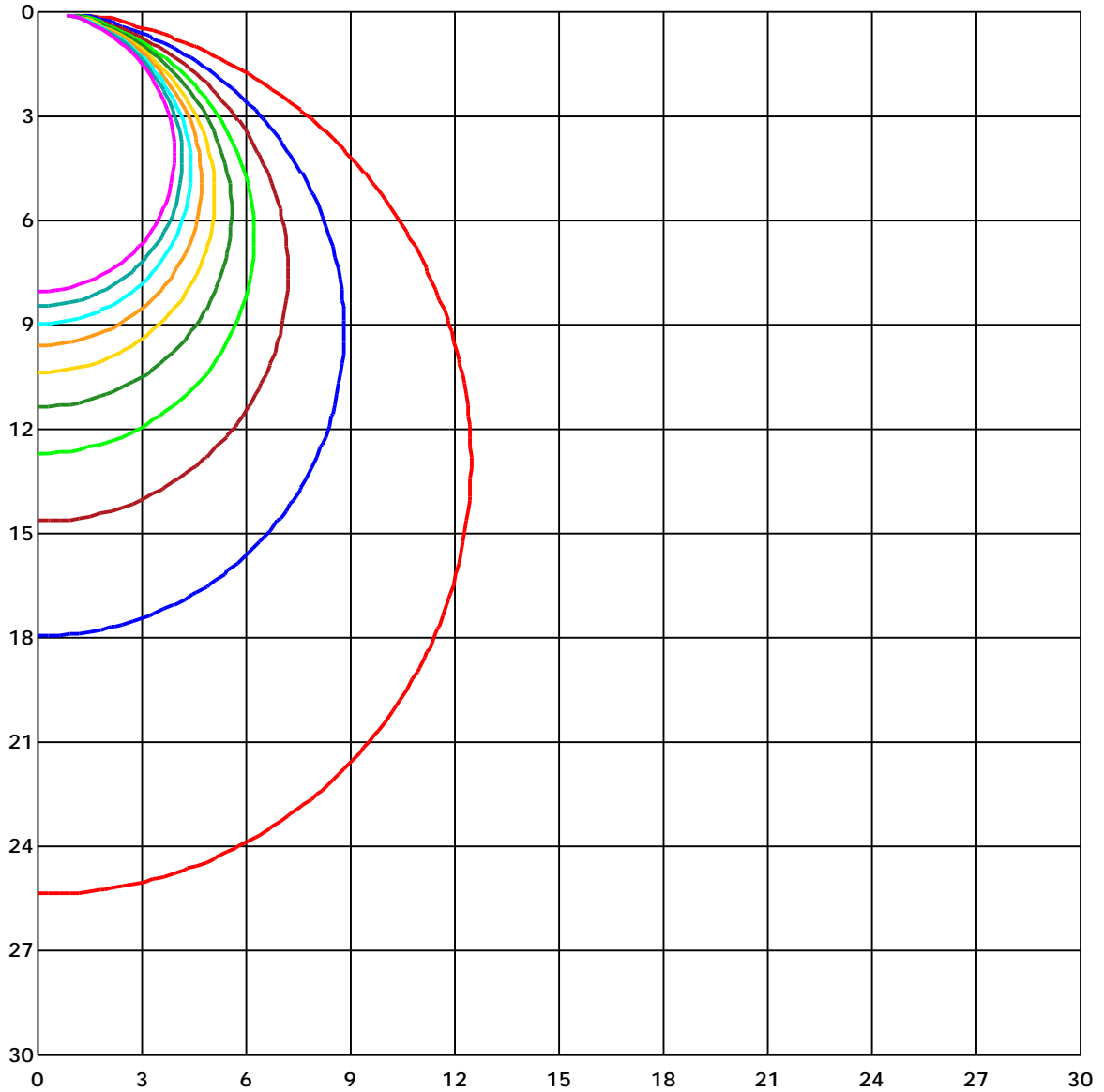
### ZONAL LUMINOUS FLUX TABLE

Gamma [deg]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0	385.66	0.00	0.00	0.00	0.00
5	385.37	9.20	9.20	0.83	0.83
10	381.47	27.34	36.55	2.46	3.28
15	374.15	44.59	81.14	4.01	7.29
20	363.85	60.41	141.54	5.43	12.72
25	350.36	74.24	215.79	6.67	19.39
30	333.27	85.55	301.33	7.69	27.07
35	313.39	93.95	395.29	8.44	35.51
40	291.07	99.23	494.52	8.92	44.43
45	266.36	101.24	595.76	9.10	53.52
50	238.78	99.74	695.49	8.96	62.49
55	208.82	94.58	790.07	8.50	70.98
60	177.43	86.25	876.32	7.75	78.73
65	145.91	75.37	951.69	6.77	85.50
70	113.95	62.47	1014.16	5.61	91.12
75	81.79	47.75	1061.91	4.29	95.41
80	50.24	31.86	1093.77	2.86	98.27
85	21.28	16.15	1109.91	1.45	99.72
90	0.53	3.14	1113.05	0.28	100.00

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.4 m  
 Remarks:

### SPACE ISOLX DIAGRAM



C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.4 m  
Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G0	389.37	388.14	386.66	386.38	384.49	384.12	383.14	382.98	382.07	
G1	389.57	387.56	386.87	386.21	384.78	384.16	383.34	382.89	383.02	
G2	389.61	387.85	387.03	386.09	385.19	384.0	383.63	382.73	382.4	
G3	389.41	387.65	386.99	385.88	384.94	384.0	383.67	382.69	382.28	
G4	389.37	387.07	386.79	385.52	385.11	383.51	383.59	381.99	382.07	
G5	388.67	385.68	386.58	384.9	384.86	383.26	383.3	381.34	381.71	
G6	388.1	385.68	386.74	384.2	384.49	382.07	382.85	380.6	381.05	
G7	387.19	384.0	385.31	383.26	383.84	381.87	382.2	379.66	380.35	
G8	386.33	382.89	384.49	382.2	383.18	380.89	381.5	377.98	379.58	
G9	385.23	381.95	383.63	381.05	382.24	379.74	380.44	377.49	378.43	
G10	384.08	380.56	382.44	379.74	381.26	378.59	379.41	376.09	377.28	
G11	383.34	378.84	381.3	378.47	380.11	377.08	378.18	374.58	375.23	
G12	381.42	377.2	379.82	376.87	378.84	375.6	376.83	372.9	374.54	
G13	379.99	375.23	378.31	375.23	377.53	373.92	375.4	371.18	372.53	
G14	378.31	373.31	376.79	373.43	376.05	372.12	373.88	369.3	371.3	
G15	376.46	371.22	374.29	371.47	374.42	370.4	372.98	367.41	369.54	
G16	374.54	369.09	373.15	369.54	372.74	368.27	371.22	365.36	367.58	
G17	372.12	366.8	371.1	367.37	370.89	366.06	368.64	363.11	365.65	
G18	370.4	364.38	368.6	365.12	369.01	364.46	367.45	360.73	363.52	
G19	368.27	361.88	366.76	362.7	366.92	361.39	364.54	358.32	361.31	
G20	365.77	359.22	364.34	360.08	364.87	358.93	362.21	355.61	359.01	
G21	363.32	356.43	361.96	356.88	362.5	357.05	359.96	352.95	357.13	
G22	360.12	353.61	359.14	354.51	360.08	353.69	357.5	350.04	353.77	
G23	357.79	350.09	356.47	351.48	357.5	351.15	354.96	347.18	351.15	
G24	354.75	347.18	353.61	348.65	354.71	347.79	352.3	343.9	348.36	
G25	351.6	343.78	350.45	345.01	351.72	344.6	349.31	340.62	345.25	
G26	348.41	340.38	347.38	341.57	348.69	341.4	346.32	337.43	342.18	
G27	344.92	336.65	343.94	338.78	345.42	338.08	342.55	333.82	338.82	
G28	341.52	332.19	340.66	334.56	342.14	334.56	339.72	330.18	335.59	
G29	337.88	328.34	337.55	330.67	338.78	330.14	336.4	326.41	332.06	
G30	334.15	324.44	333.5	326.94	335.26	327.02	332.72	322.52	328.13	
G31	330.3	320.59	329.65	322.89	331.49	323.09	329.11	318.67	324.53	
G32	327.02	316.5	325.71	318.79	327.8	319.24	325.26	314.53	320.63	
G33	322.23	312.12	321.37	314.7	323.87	315.06	321.29	310.31	316.66	
G34	318.14	307.77	317.32	310.44	319.86	310.85	317.32	305.44	312.57	
G35	313.92	303.15	313.43	306.09	316.38	306.46	313.18	301.63	307.81	
G36	309.66	298.52	309.13	301.26	311.79	302.08	309.0	297.08	304.01	

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G37	305.11	293.68	304.7	296.92	307.49	297.41	304.54	292.41	299.46	
G38	300.48	288.93	300.24	292.33	303.27	292.86	300.15	287.87	294.91	
G39	295.77	284.43	295.44	286.97	298.48	288.81	295.69	282.95	290.2	
G40	291.1	279.1	290.37	282.87	293.97	283.53	291.14	278.2	285.74	
G41	286.19	274.02	285.78	277.75	289.1	278.49	286.47	273.08	281.23	
G42	281.23	268.82	281.11	272.75	284.84	273.61	281.85	268.08	275.99	
G43	276.07	263.66	275.99	267.1	279.96	269.19	276.93	262.96	271.48	
G44	270.91	258.21	270.91	262.23	275.01	263.91	271.97	257.76	266.44	
G45	265.34	252.72	265.63	256.98	269.48	258.29	266.9	252.93	260.67	
G46	260.18	247.23	260.3	251.45	264.77	252.97	261.82	246.99	255.51	
G47	254.73	241.5	255.02	245.8	259.15	247.36	256.66	241.46	250.18	
G48	249.2	235.27	249.57	239.98	254.2	241.83	251.0	235.72	244.78	
G49	243.38	229.09	243.83	234.13	248.5	236.01	245.47	229.79	239.21	
G50	237.45	223.07	237.98	228.23	242.81	229.83	240.07	223.76	233.35	
G51	231.42	217.33	231.96	222.09	236.99	224.26	233.8	218.03	227.41	
G52	225.44	210.78	226.18	215.98	231.22	217.83	228.6	211.64	221.14	
G53	219.3	204.84	220.0	210.17	225.65	211.68	222.58	205.78	215.2	
G54	213.03	198.37	213.98	203.65	219.18	206.11	216.56	199.72	208.94	
G55	206.73	192.02	207.54	197.35	212.95	199.93	210.41	193.54	203.04	
G56	200.5	185.88	201.56	191.16	206.81	193.78	204.39	187.06	196.89	
G57	194.11	179.24	195.26	184.85	200.99	187.6	198.21	180.72	190.63	
G58	187.72	172.89	188.99	178.42	194.48	181.29	192.14	174.78	184.4	
G59	181.21	166.3	182.56	171.79	188.38	174.9	185.92	168.39	177.85	
G60	174.78	159.83	176.33	165.77	181.9	168.63	179.81	161.96	171.62	
G61	168.14	153.48	169.74	159.42	175.39	162.53	173.71	155.85	164.99	
G62	161.42	147.17	163.43	153.23	169.04	156.1	167.2	149.63	158.64	
G63	155.2	140.9	157.04	146.88	162.73	149.79	160.97	143.4	152.25	
G64	148.56	134.55	150.77	140.62	156.51	143.97	155.12	137.22	146.06	
G65	142.3	127.92	144.38	134.27	150.08	137.38	148.64	130.95	139.63	
G66	135.91	121.53	138.16	127.96	143.85	131.15	142.58	124.93	133.37	
G67	129.27	115.14	131.93	121.53	137.09	124.85	136.31	118.58	126.85	
G68	122.84	108.59	125.42	115.06	131.03	118.37	130.09	112.03	120.5	
G69	116.16	102.2	118.91	108.59	124.44	112.03	123.54	105.72	114.03	
G70	109.36	95.76	112.6	102.32	117.8	105.76	117.31	99.53	107.44	
G71	102.77	89.54	106.0	96.26	111.37	99.49	111.0	93.31	100.84	
G72	96.05	83.03	99.66	89.58	104.94	93.06	104.73	86.96	94.37	
G73	89.62	76.55	93.31	83.31	98.34	86.63	98.43	80.65	87.86	

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.4 m

Remarks:

Report No.:

Test Time: 2020/2/29 8:53:51

### LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G74	82.58	70.16	86.75	76.8	91.42	80.24	92.0	74.34	81.02	
G75	75.86	63.82	80.53	70.7	84.95	74.06	85.48	68.03	74.38	
G76	69.26	57.47	73.93	64.43	78.23	67.83	79.38	61.85	67.99	
G77	62.79	51.12	67.75	57.96	71.68	61.6	72.99	55.42	61.64	
G78	56.4	45.06	61.52	51.9	65.17	55.46	66.72	49.52	55.34	
G79	50.05	38.95	55.3	45.92	58.82	49.44	60.33	43.13	49.07	
G80	43.99	33.14	49.36	39.9	52.59	43.42	54.07	37.27	42.97	
G81	37.93	27.61	43.17	34.12	46.53	37.6	47.8	31.46	37.15	
G82	32.24	22.16	37.03	28.47	40.59	31.74	41.62	25.8	31.58	
G83	26.58	16.67	30.97	23.1	34.98	25.89	35.8	20.4	26.05	
G84	21.26	11.59	24.74	17.82	29.41	20.4	29.94	15.11	20.73	
G85	15.93	6.96	18.68	12.86	23.92	15.48	23.72	9.99	15.56	
G86	10.77	2.91	12.98	8.27	18.76	11.02	17.86	5.57	10.49	
G87	6.18	0.0	7.0	4.46	13.48	7.25	11.67	2.46	5.94	
G88	1.8	0.0	0.41	1.35	7.7	4.1	4.96	0.0	1.72	
G89	0.0	0.0	0.0	0.0	2.79	1.43	0.0	0.0	0.0	
G90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2020/2/29 8:53:51

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.4 m  
Remarks: