

Report No.:

Test Time: 2022-06-29 11:56:50

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: rayhil  
Luminaire Type : Que-11-3-30-24-BK  
Lamp Type:  
Luminous Width: 15 mm  
Luminous Length: 15 mm  
Luminous Height: 15 mm

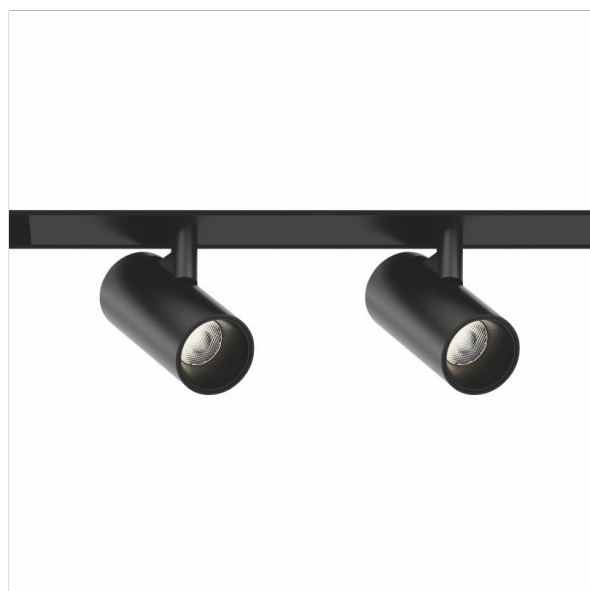
Voltage(V): 48.00 V  
Current(A): 0.1470 A  
Power(W): 7.06 W  
Power Factor: 1.0000  
Lamp Luminous Flux: 393.12

### Photometric Results

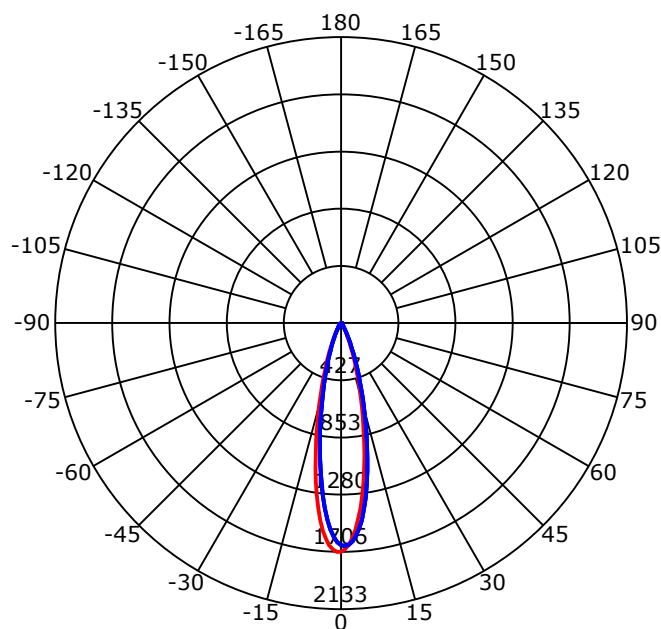
CIE Class: Direct  
Luminaire Luminous Flux: 393.1208 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 55.71 lm/W  
Beam Angle(50%) C0-180, C90-270: 24.0, 23.9  
Field Angle(10%) C0-180, C90-270: 47.2, 47.5  
S/MH C0-180, C90-270: 0.425, 0.425

Max. Intensity: 1706.11 cd  
Max. Intensity Angle: C=180 Gamma=1  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 1705.09 cd  
Effective Luminous Flux: 326.29 lm  
ERP( $\phi$ use)(120deg): 390.61 lm

Picture of Luminaire



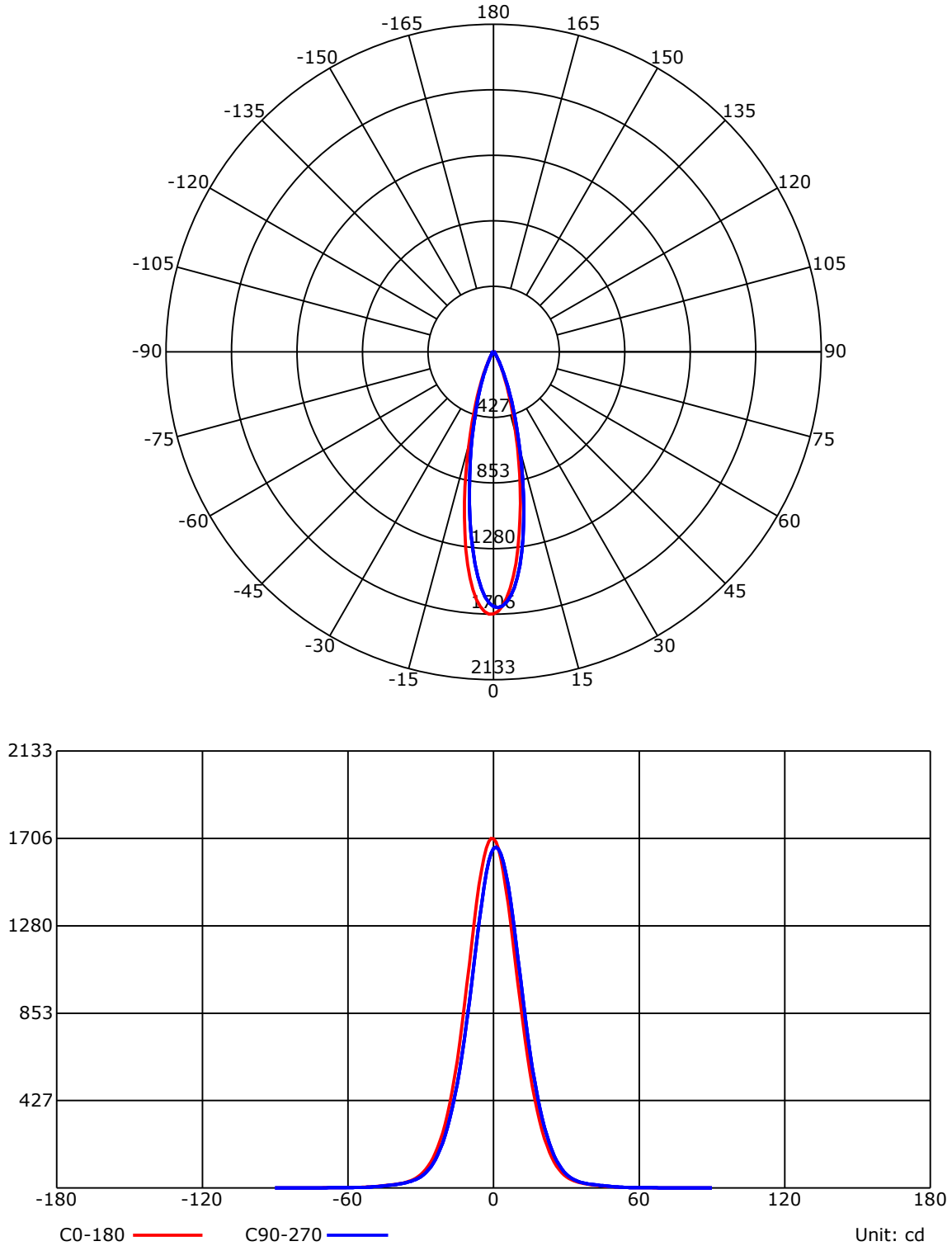
Luminous Intensity Distribution Curve



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## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

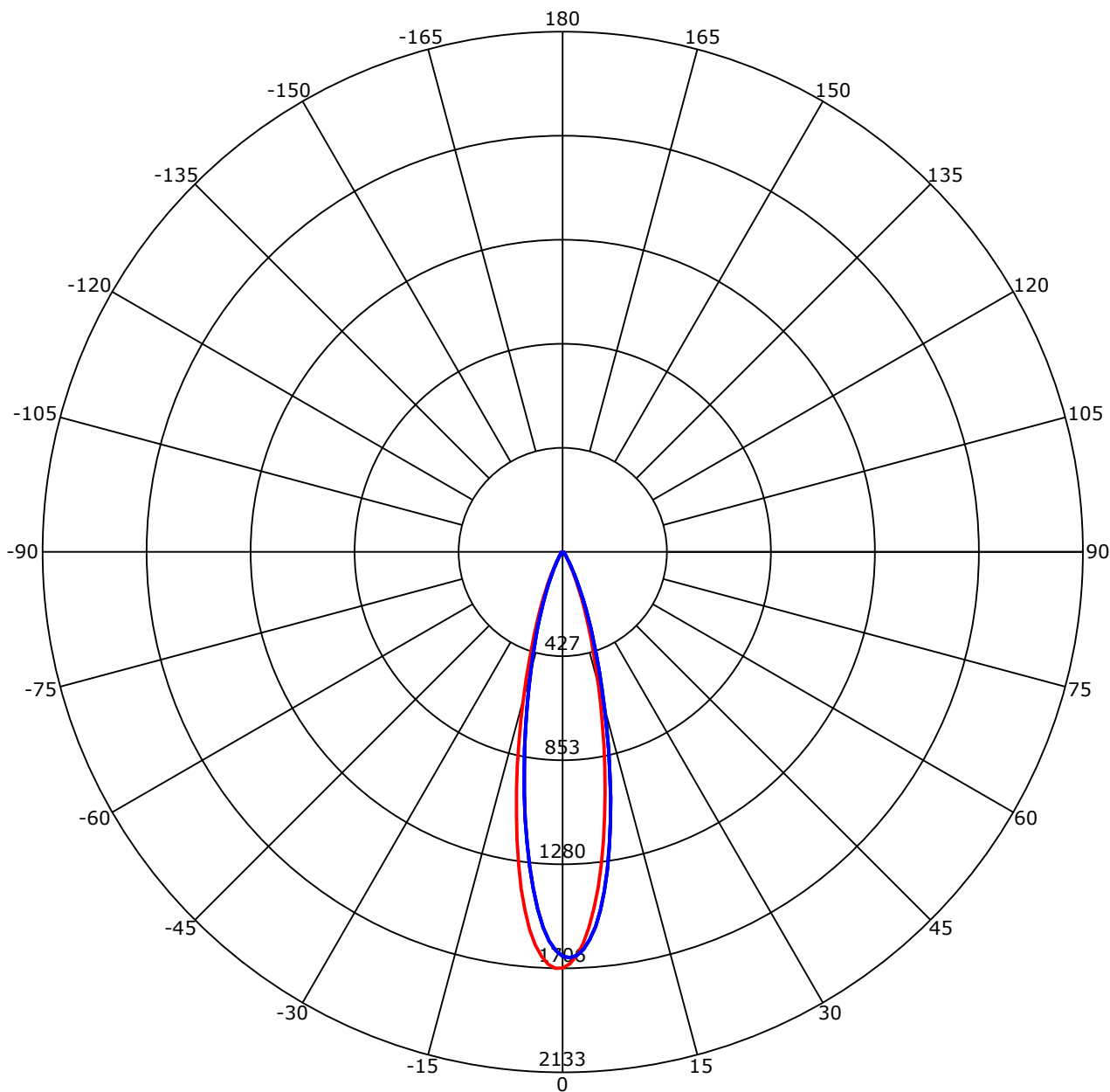
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## Luminous Intensity Distribution Curve



C0-180 — C90-270 —

Unit: cd/klm

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

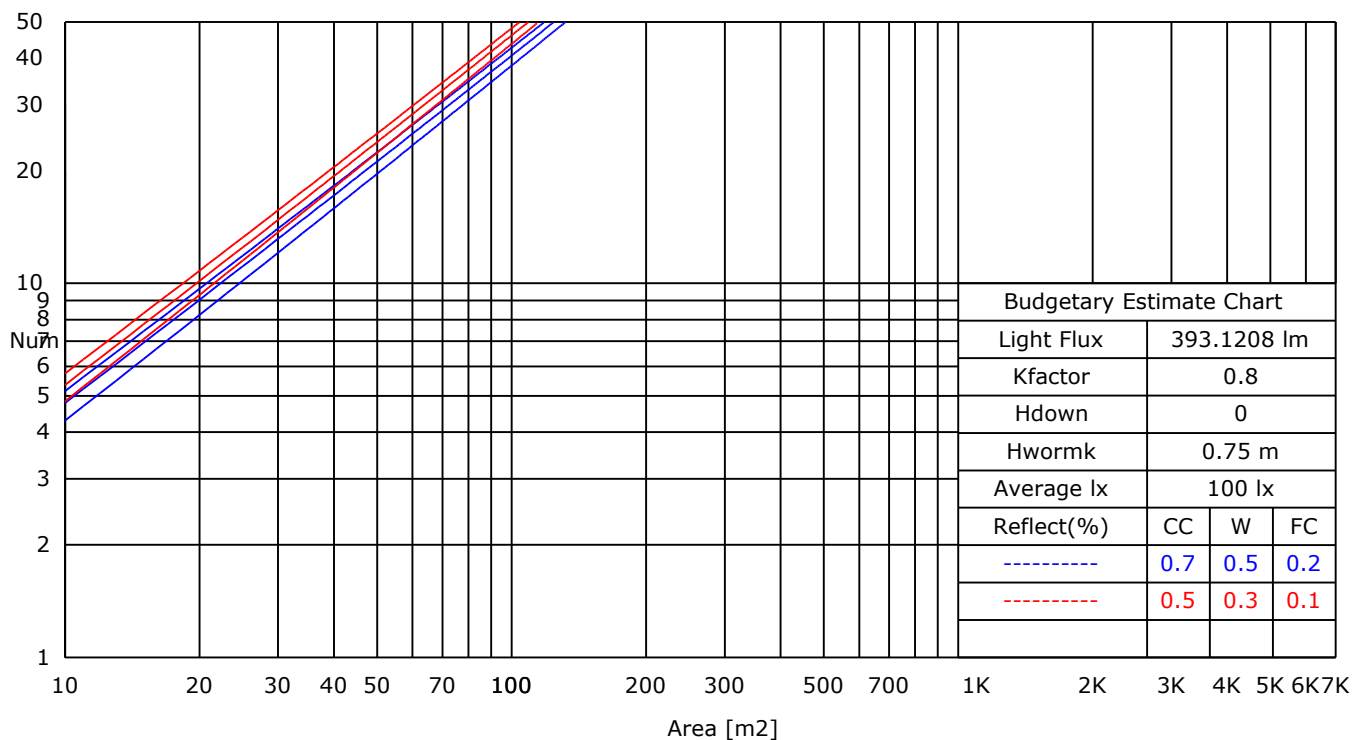
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Test Time: 2022-06-29 11:56:50

## 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	0.87	0.84	0.81	0.87	0.83	0.80	0.84	0.80	0.76	0.81	0.77	0.73	0.76	0.72	0.67	0.62
2	0.84	0.81	0.78	0.83	0.80	0.77	0.81	0.77	0.74	0.78	0.74	0.70	0.74	0.70	0.66	0.61
3	0.81	0.78	0.76	0.81	0.77	0.75	0.79	0.75	0.72	0.76	0.72	0.68	0.73	0.68	0.64	0.60
4	0.79	0.76	0.75	0.78	0.75	0.73	0.77	0.73	0.70	0.74	0.70	0.67	0.71	0.67	0.63	0.58
5	0.77	0.75	0.73	0.76	0.74	0.72	0.75	0.71	0.68	0.73	0.68	0.65	0.70	0.65	0.61	0.57
6	0.75	0.73	0.72	0.75	0.72	0.70	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.56
7	0.73	0.72	0.71	0.73	0.71	0.69	0.72	0.68	0.66	0.70	0.66	0.62	0.67	0.63	0.59	0.55
8	0.72	0.71	0.70	0.72	0.69	0.68	0.70	0.67	0.65	0.68	0.64	0.61	0.66	0.62	0.58	0.55
9	0.71	0.69	0.69	0.70	0.68	0.67	0.69	0.66	0.64	0.67	0.63	0.60	0.65	0.60	0.57	0.54
10	0.70	0.68	0.68	0.69	0.67	0.66	0.68	0.65	0.63	0.66	0.62	0.60	0.64	0.59	0.56	0.53

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

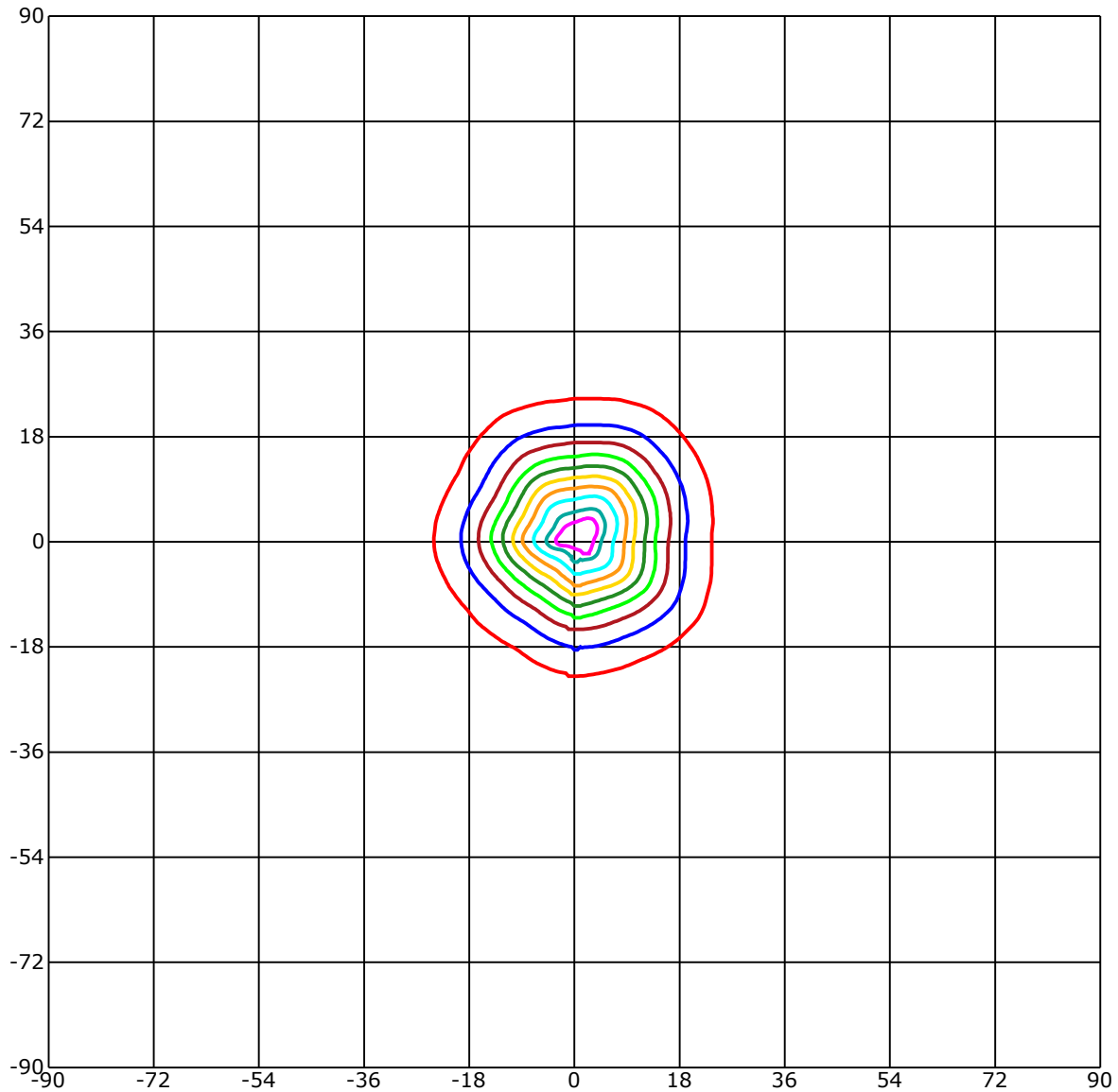
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd    Imax(100%): 1706.11 cd

1620.805(95%Imax)	853.055(50%Imax)
1535.499(90%Imax)	682.444(40%Imax)
1364.888(80%Imax)	511.833(30%Imax)
1194.277(70%Imax)	341.222(20%Imax)
1023.666(60%Imax)	170.611(10%Imax)

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

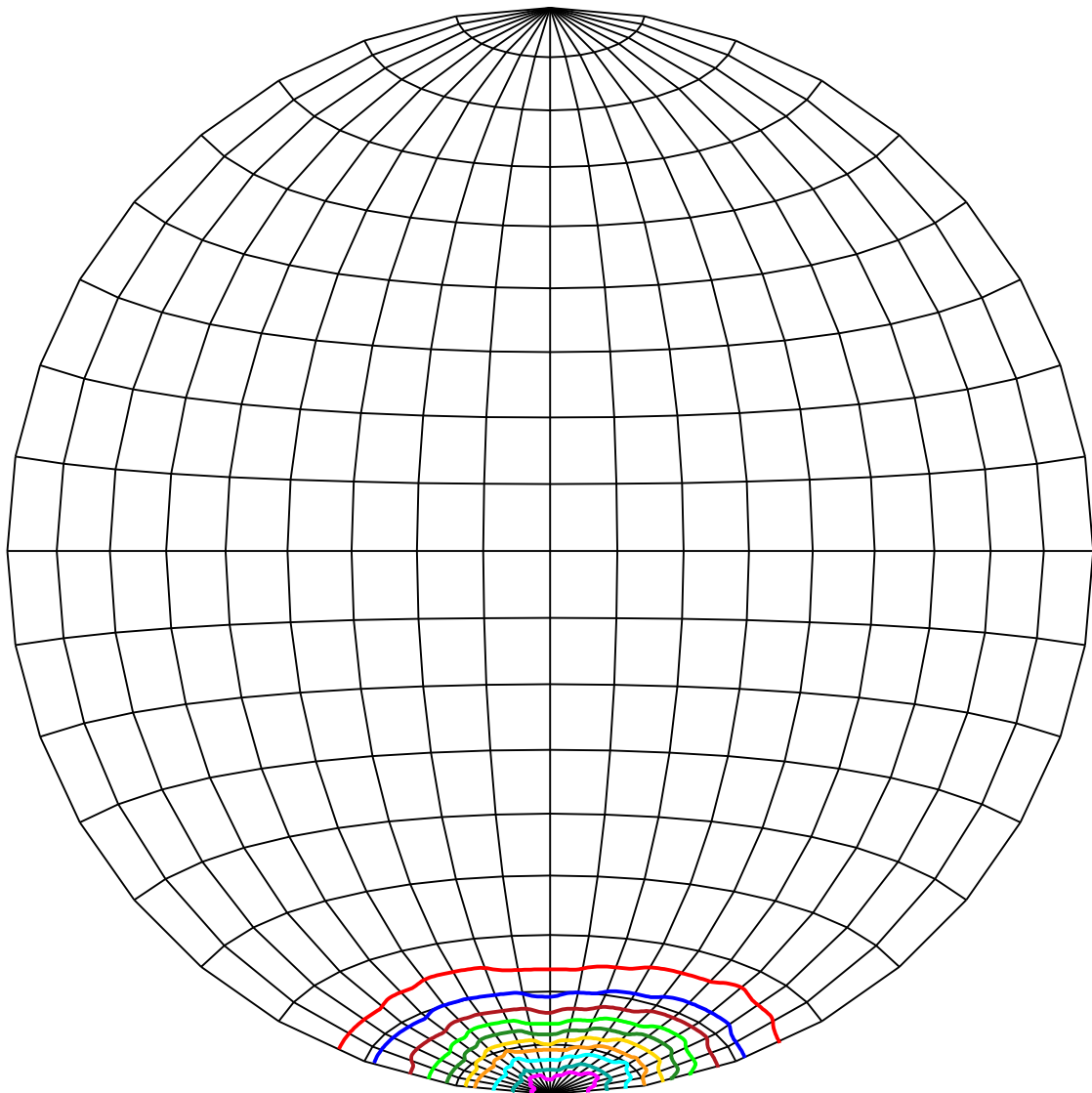
Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

## ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd    I<sub>max</sub>(100%): 1706.11 cd

1620.805(95%I <sub>max</sub> )	853.055(50%I <sub>max</sub> )
1535.499(90%I <sub>max</sub> )	682.444(40%I <sub>max</sub> )
1364.888(80%I <sub>max</sub> )	511.833(30%I <sub>max</sub> )
1194.277(70%I <sub>max</sub> )	341.222(20%I <sub>max</sub> )
1023.666(60%I <sub>max</sub> )	170.611(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

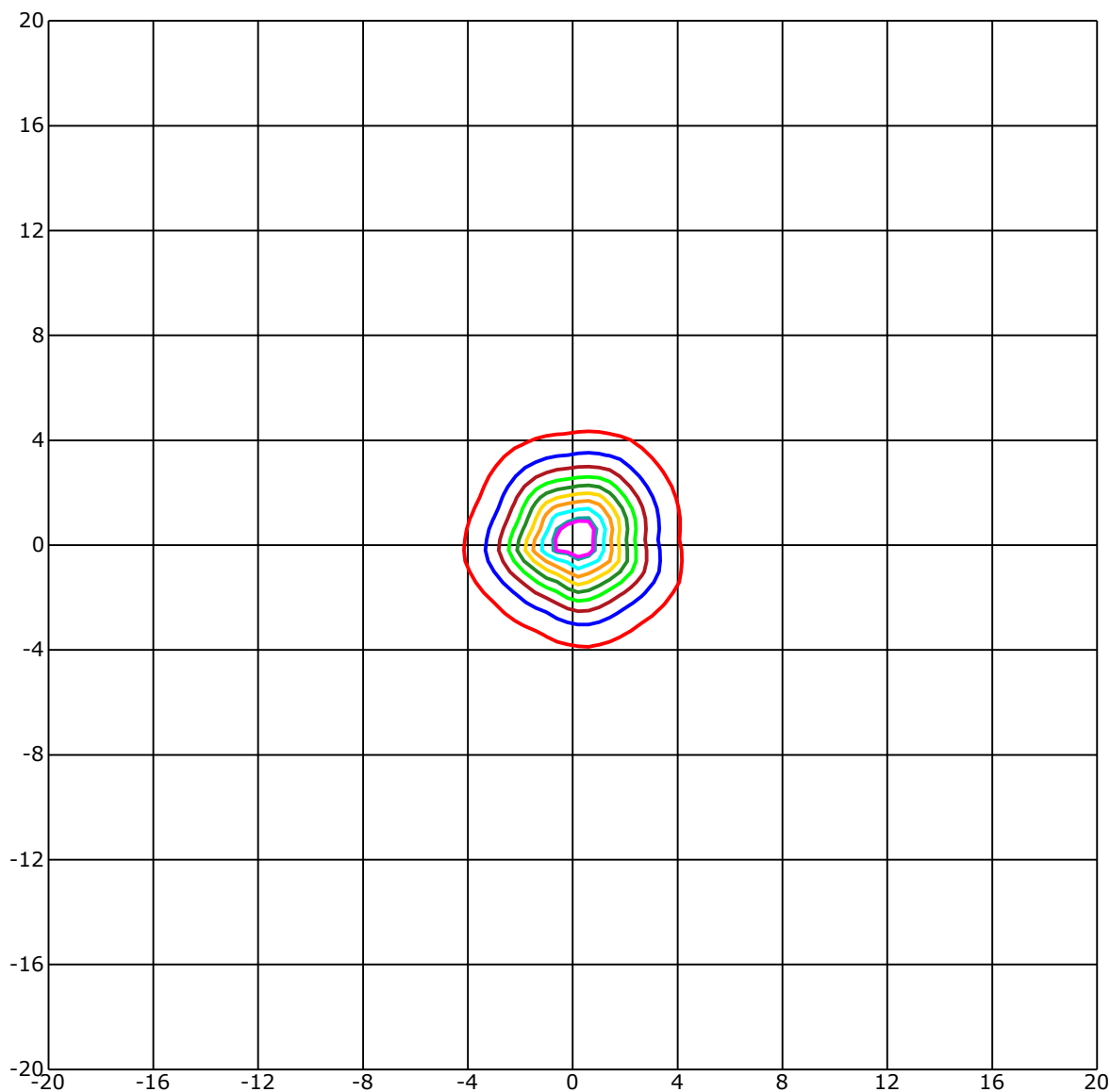
Remarks:



Report No.:

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## ISOLX DIAGRAM



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

15.689(1%Emax)	8.527(0%Emax)
15.348(1%Emax)	6.821(0%Emax)
13.643(1%Emax)	5.116(0%Emax)
11.937(1%Emax)	3.411(0%Emax)
10.232(1%Emax)	1.705(0%Emax)

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

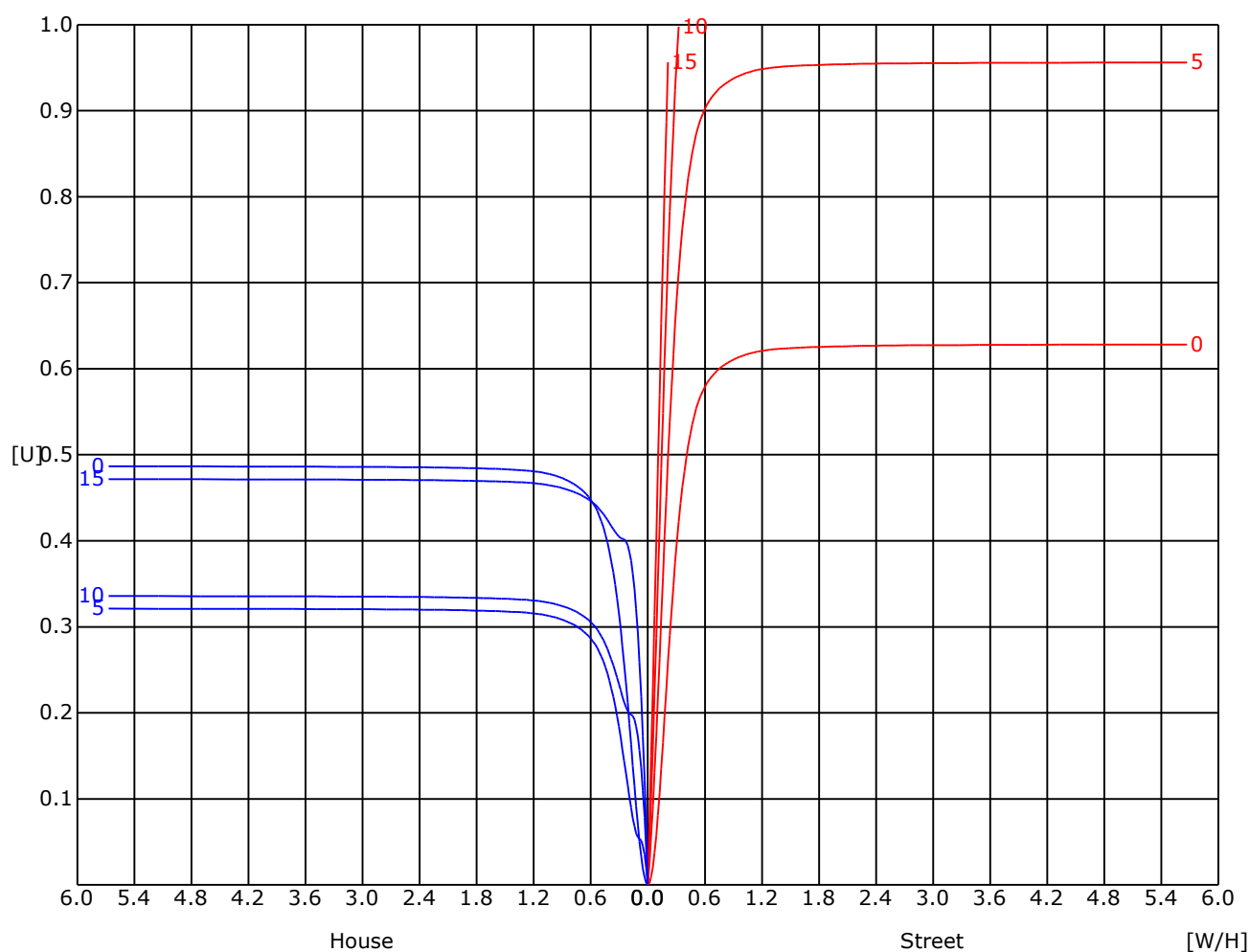
Remarks:



Report No.:

Test Time: 2022-06-29 11:56:50

## UTILIZATION FACTOR DIAGRAM (ROAD)



C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 8.86 m  
Remarks:

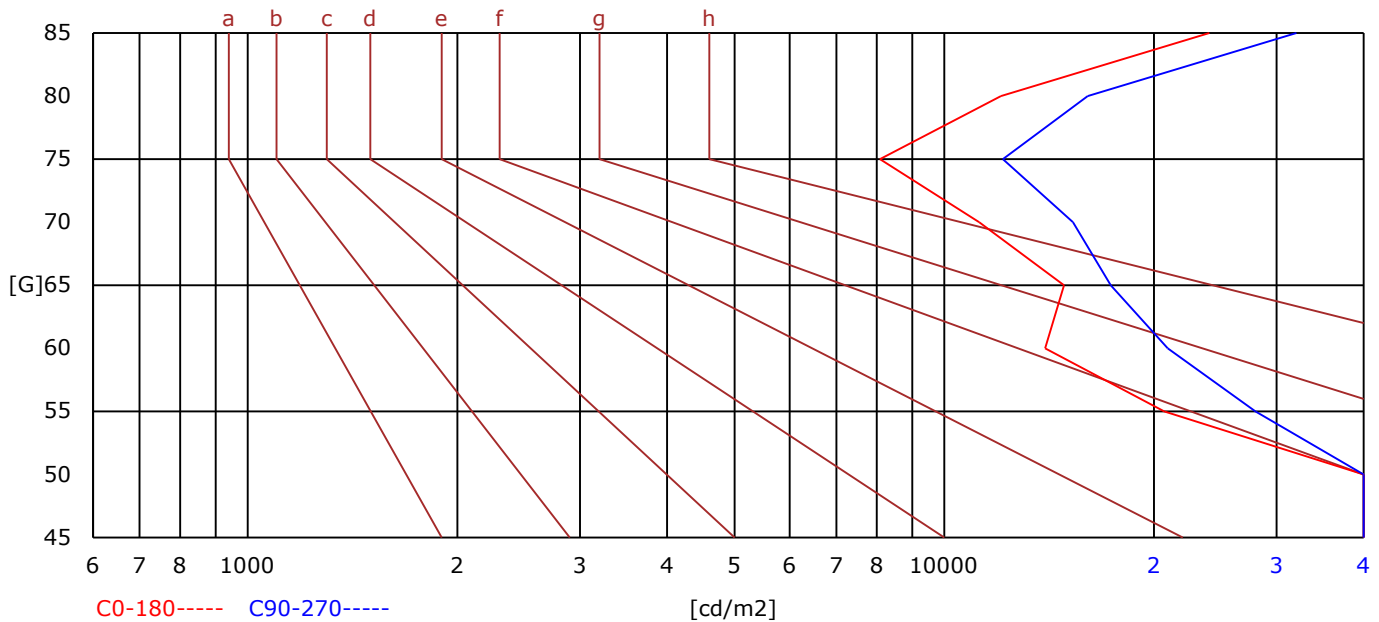


Report No.:

Test Time: 2022-06-29 11:56:50

## BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	77464	49392	20681	13955	14860	11221	8088	12055	24018
C90	80918	50478	27980	20933	17336	15301	12132	16073	32024
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: 30.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2022-06-29 11:56:50

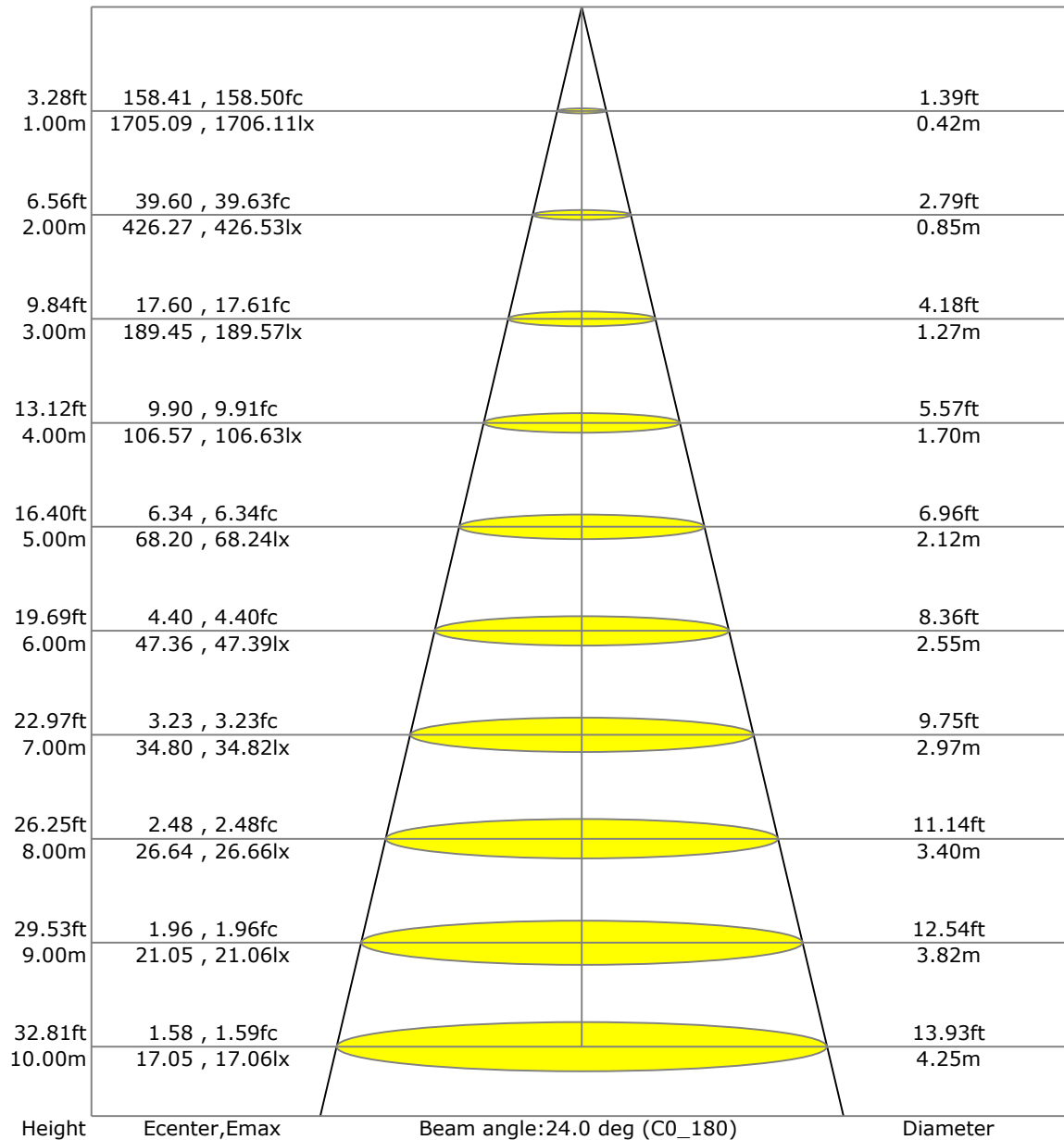
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 8.86 m  
Remarks:



Report No.:

Test Time: 2022-06-29 11:56:50

## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## 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	21.19	21.25	21.39	21.44	21.68	22.31	22.36	22.51	22.55	22.79
3H	21.18	21.24	21.39	21.44	21.68	22.29	22.35	22.50	22.54	22.79
4H	21.17	21.23	21.38	21.43	21.68	22.28	22.34	22.49	22.53	22.78
6H	21.16	21.22	21.38	21.42	21.67	22.26	22.32	22.48	22.52	22.78
8H	21.15	21.21	21.37	21.42	21.67	22.25	22.32	22.47	22.52	22.77
12H	21.14	21.21	21.37	21.41	21.67	22.25	22.31	22.47	22.51	22.77
4H 2H	21.29	21.35	21.50	21.54	21.79	22.43	22.49	22.64	22.69	22.94
3H	21.29	21.35	21.51	21.56	21.82	22.43	22.49	22.65	22.70	22.95
4H	21.29	21.35	21.52	21.56	21.82	22.42	22.48	22.65	22.70	22.96
6H	21.28	21.34	21.52	21.57	21.83	22.41	22.47	22.64	22.69	22.95
8H	21.28	21.34	21.52	21.57	21.83	22.40	22.46	22.64	22.68	22.95
12H	21.27	21.33	21.52	21.56	21.83	22.38	22.45	22.63	22.68	22.95
8H 4H	21.37	21.43	21.59	21.63	21.89	22.50	22.56	22.72	22.76	23.02
6H	21.47	21.53	21.73	21.77	22.05	22.61	22.67	22.86	22.91	23.18
8H	21.50	21.56	21.76	21.80	22.08	22.62	22.67	22.88	22.92	23.20
12H	21.51	21.57	21.79	21.83	22.11	22.61	22.67	22.89	22.93	23.21
12H 4H	21.56	21.62	21.81	21.85	22.12	22.67	22.74	22.92	22.97	23.24
6H	21.63	21.69	21.90	21.94	22.22	22.76	22.82	23.02	23.06	23.34

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## ZONAL LUMINOUS FLUX TABLE

[illegible]

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

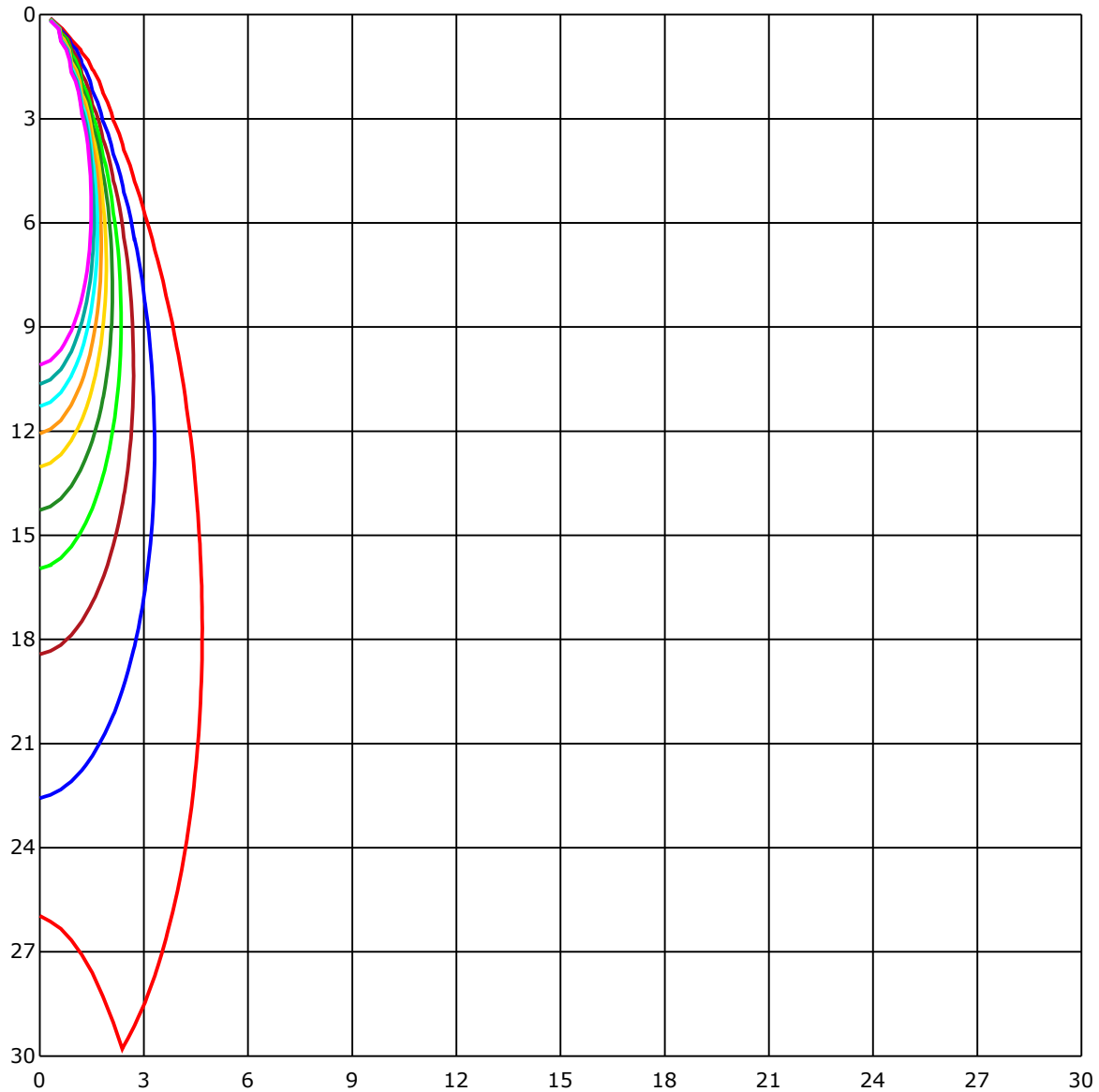
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## SPACE ISOLX DIAGRAM



Unit of illumination:lx

16.733

15.06

13.387

11.713

10.04

8.367

6.693

5.02

3.347

1.673

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:56:50

## LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G0	1705.09	1663.17	1613.56	1656.81	1664.66	1692.77	1705.09	1663.17	1613.56	1656.81
G1	1687.58	1684.6	1648.88	1663.17	1672.59	1673.22	1706.11	1626.59	1562.38	1634.6
G2	1654.77	1689.47	1668.35	1653.75	1664.11	1639.39	1690.96	1573.37	1494.4	1595.35
G3	1605.63	1679.5	1672.04	1630.59	1641.27	1592.68	1659.64	1505.78	1412.91	1539.85
G4	1541.89	1653.04	1660.58	1592.21	1604.69	1530.66	1613.48	1424.14	1321.7	1467.79
G5	1466.45	1610.66	1633.34	1540.87	1554.61	1457.74	1553.27	1331.35	1224.28	1384.5
G6	1385.2	1553.51	1591.11	1477.21	1492.12	1374.06	1479.25	1232.68	1127.25	1294.22
G7	1293.75	1479.33	1534.98	1401.22	1419.27	1280.96	1393.68	1132.2	1026.38	1200.1
G8	1196.81	1392.35	1463.94	1315.65	1334.1	1181.89	1296.97	1030.15	926.14	1103.55
G9	1098.92	1299.95	1382.22	1222.47	1241.86	1081.96	1196.41	928.34	830.53	1004.56
G10	1000.95	1204.66	1291.79	1126.08	1144.37	982.97	1094.36	832.02	740.41	909.5
G11	903.45	1107.39	1197.75	1027.72	1047.34	885.79	992.63	740.8	654.14	818.04
G12	811.14	1008.48	1099.23	931.32	949.92	792.61	893.33	653.51	577.44	729.18
G13	722.98	909.26	1001.89	835.86	856.51	702.26	798.73	576.19	507.66	649.58
G14	641.18	815.3	902.82	747.0	764.51	619.75	706.34	505.54	445.09	575.4
G15	564.49	726.51	810.04	664.19	679.81	544.39	621.64	441.56	387.71	507.89
G16	494.86	641.81	722.82	586.16	601.39	474.45	546.2	384.88	337.0	446.58
G17	431.2	564.88	640.64	515.82	528.54	412.75	477.2	333.94	291.31	391.4
G18	375.46	495.8	564.33	451.69	462.44	358.04	415.11	289.19	251.59	341.55
G19	324.91	433.08	497.06	394.22	404.35	309.6	361.18	249.79	216.27	296.96
G20	279.85	376.01	433.47	342.34	350.42	266.51	312.35	214.62	185.02	257.16
G21	240.52	325.07	377.98	295.47	303.71	228.67	270.12	183.77	158.1	221.05
G22	206.22	280.09	327.42	254.18	261.95	196.09	232.44	157.55	135.02	190.44
G23	174.82	240.05	282.83	217.37	225.14	167.13	199.94	134.71	114.3	162.81
G24	148.44	205.35	242.8	185.57	193.11	142.63	171.44	114.69	97.26	138.87
G25	125.6	174.11	208.26	156.69	164.85	120.58	146.64	97.97	82.42	118.61
G26	106.37	147.74	176.94	132.59	139.89	102.21	124.89	83.45	70.18	101.03
G27	89.65	125.21	150.48	112.1	118.93	86.9	106.68	71.36	59.82	86.27
G28	75.44	105.27	127.8	94.04	101.03	73.4	90.98	61.31	51.34	73.55
G29	63.82	88.55	107.94	79.05	85.8	62.01	77.64	52.67	44.35	63.51
G30	54.64	74.73	90.98	66.8	72.93	52.67	66.18	45.61	38.94	54.87
G31	46.86	63.11	76.93	56.6	62.25	45.06	56.68	40.03	34.15	47.81
G32	40.51	53.69	65.23	48.43	53.3	38.86	48.67	35.25	30.22	42.15
G33	35.48	46.0	55.73	41.6	45.92	33.68	42.08	31.01	26.69	37.13
G34	31.16	39.8	48.04	36.11	40.11	29.59	36.58	27.55	23.86	33.21
G35	27.4	34.78	41.29	31.71	35.4	26.14	32.18	24.81	21.43	29.67
G36	24.41	30.77	36.74	28.02	31.16	23.31	28.42	22.22	19.31	26.38

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:



Report No.:

Test Time: 2022-06-29 11:56:50

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G37	21.82	27.08	32.66	24.96	27.79	21.12	25.43	20.17	17.43	23.79
G38	19.7	24.1	28.89	22.45	25.04	19.0	22.76	18.21	15.86	21.51
G39	17.9	21.67	26.61	20.33	22.69	17.03	20.65	16.64	14.37	19.47
G40	16.41	19.55	23.71	18.45	20.65	15.54	18.92	15.07	13.19	17.74
G41	14.76	17.82	21.43	16.72	18.92	14.21	17.03	14.44	11.93	16.17
G42	13.5	16.33	19.47	15.39	17.11	12.64	15.54	12.48	10.75	14.6
G43	12.25	14.76	17.9	14.21	15.62	11.54	14.29	11.38	9.58	13.27
G44	10.99	13.66	16.48	12.56	14.29	10.28	12.87	10.13	8.4	12.01
G45	9.81	12.32	14.99	11.46	12.87	9.5	11.77	9.58	7.3	10.83
G46	8.71	11.23	14.37	10.28	11.77	8.32	10.6	7.93	6.2	9.66
G47	7.54	10.05	12.56	9.66	10.44	7.3	9.66	7.06	5.18	8.4
G48	6.52	9.34	12.09	8.01	9.5	6.28	8.48	6.04	4.4	7.22
G49	5.49	7.77	10.13	7.14	8.32	5.42	7.38	5.02	3.69	6.2
G50	4.87	7.14	9.18	6.12	7.3	4.79	6.52	4.4	2.9	5.26
G51	3.85	5.81	7.77	5.02	6.28	3.92	5.49	3.77	2.51	4.63
G52	3.14	4.95	7.14	4.32	5.34	3.3	4.87	3.14	2.28	3.85
G53	2.67	4.0	5.81	3.61	4.87	2.75	4.24	2.75	2.04	3.22
G54	2.51	3.3	4.95	2.9	4.0	2.59	3.69	2.51	1.65	2.83
G55	2.35	2.67	4.24	2.51	3.61	2.35	3.14	2.51	1.57	2.59
G56	1.88	2.51	3.61	2.28	2.98	1.88	2.75	2.43	1.49	2.51
G57	1.65	2.35	3.14	2.2	2.67	1.65	2.51	2.35	1.41	2.35
G58	1.49	2.12	2.75	1.73	2.51	1.49	2.51	2.35	1.41	2.28
G59	1.41	1.73	2.51	1.57	2.51	1.49	2.35	1.96	1.41	2.28
G60	1.41	1.57	2.51	1.49	2.35	1.41	2.43	1.73	1.33	1.96
G61	1.41	1.49	2.43	1.49	2.35	1.41	2.28	1.65	1.26	1.81
G62	1.33	1.49	2.35	1.41	2.28	1.33	1.96	1.57	1.18	1.65
G63	1.33	1.41	2.35	1.41	1.88	1.33	1.73	1.49	1.02	1.57
G64	1.26	1.41	2.04	1.33	1.73	1.26	1.65	1.49	0.94	1.49
G65	1.1	1.41	2.04	1.33	1.65	1.1	1.57	1.41	0.86	1.49
G66	0.94	1.33	1.65	1.18	1.57	0.86	1.49	1.33	0.71	1.41
G67	0.78	1.26	1.57	1.02	1.49	0.78	1.49	1.1	0.47	1.26
G68	0.71	1.1	1.49	0.94	1.41	0.71	1.33	0.78	0.47	1.1
G69	0.71	0.94	1.41	0.71	1.26	0.71	1.18	0.78	0.47	0.86
G70	0.63	0.86	1.41	0.63	1.18	0.63	1.1	0.71	0.47	0.78
G71	0.47	0.63	1.26	0.47	1.02	0.47	0.94	0.71	0.47	0.78
G72	0.47	0.47	0.86	0.39	0.86	0.47	0.78	0.71	0.47	0.71
G73	0.47	0.47	0.78	0.39	0.78	0.39	0.78	0.71	0.47	0.71

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:







Report No.:

Test Time: 2022-06-29 11:56:50

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C300	C330	C360							
G0	1664.66	1692.77	1705.09							
G1	1640.8	1695.2	1687.58							
G2	1600.21	1680.28	1654.77							
G3	1544.48	1649.2	1605.63							
G4	1475.32	1601.94	1541.89							
G5	1393.84	1540.79	1466.45							
G6	1307.33	1469.36	1385.2							
G7	1212.03	1390.39	1293.75							
G8	1114.69	1303.09	1196.81							
G9	1018.14	1208.66	1098.92							
G10	923.55	1113.05	1000.95							
G11	828.96	1017.12	903.45							
G12	743.71	919.54	811.14							
G13	662.14	828.8	722.98							
G14	587.8	741.35	641.18							
G15	518.18	659.32	564.49							
G16	455.45	583.25	494.86							
G17	397.84	514.09	431.2							
G18	347.75	450.9	375.46							
G19	301.75	394.22	324.91							
G20	260.78	343.28	279.85							
G21	224.9	297.04	240.52							
G22	193.74	257.32	206.22							
G23	165.08	221.53	174.82							
G24	140.75	189.81	148.44							
G25	120.18	162.49	125.6							
G26	102.29	138.63	106.37							
G27	87.06	118.22	89.65							
G28	74.03	100.48	75.44							
G29	63.27	85.72	63.82							
G30	54.56	73.08	54.64							
G31	47.18	62.8	46.86							
G32	41.06	54.48	40.51							
G33	34.15	47.1	35.48							
G34	31.95	41.37	31.16							
G35	28.26	36.5	27.4							
G36	25.12	32.34	24.41							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:



Report No.:

Test Time: 2022-06-29 11:56:50

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C300	C330	C360							
G37	22.92	28.81	21.82							
G38	20.33	25.9	19.7							
G39	18.29	23.31	17.9							
G40	16.64	21.27	16.41							
G41	14.91	19.08	14.76							
G42	13.58	17.35	13.5							
G43	12.17	15.78	12.25							
G44	10.91	14.37	10.99							
G45	9.73	13.03	9.81							
G46	8.56	11.77	8.71							
G47	7.38	10.36	7.54							
G48	6.36	9.66	6.52							
G49	5.42	8.01	5.49							
G50	4.4	7.14	4.87							
G51	3.77	6.12	3.85							
G52	3.14	5.1	3.14							
G53	2.59	4.55	2.67							
G54	2.51	3.77	2.51							
G55	2.43	3.3	2.35							
G56	1.81	2.83	1.88							
G57	1.57	2.59	1.65							
G58	1.49	2.51	1.49							
G59	1.45	2.43	1.41							
G60	1.41	2.28	1.41							
G61	1.41	2.35	1.41							
G62	1.33	2.12	1.33							
G63	1.49	1.81	1.33							
G64	1.18	1.73	1.26							
G65	1.1	1.57	1.1							
G66	0.86	1.49	0.94							
G67	0.71	1.49	0.78							
G68	0.71	1.33	0.71							
G69	0.63	1.26	0.71							
G70	0.55	1.1	0.63							
G71	0.47	1.02	0.47							
G72	0.47	0.78	0.47							
G73	0.47	0.78	0.47							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022-06-29 11:56:50

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 8.86 m

Remarks:

Remarks: