

Report No.:

Test Time: 2021/5/23 8:29:27

## LUMINAIRE PHOTOMETRIC TEST REPORT

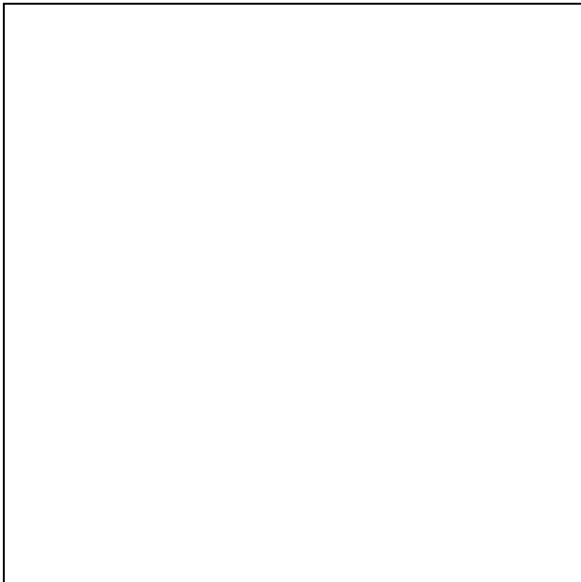
### Luminaire Property

Manufacturer: 0	Voltage(V): 109.94 V
Luminaire Type: OJL-207	Current(A): 0.1110 A
Lamp Type:	Power(W): 12.12 W
Luminous Width: 200 mm	Power Factor: 0.9900
Luminous Length: 200 mm	Lamp Luminous Flux: 675.10
Luminous Height: 50 mm	

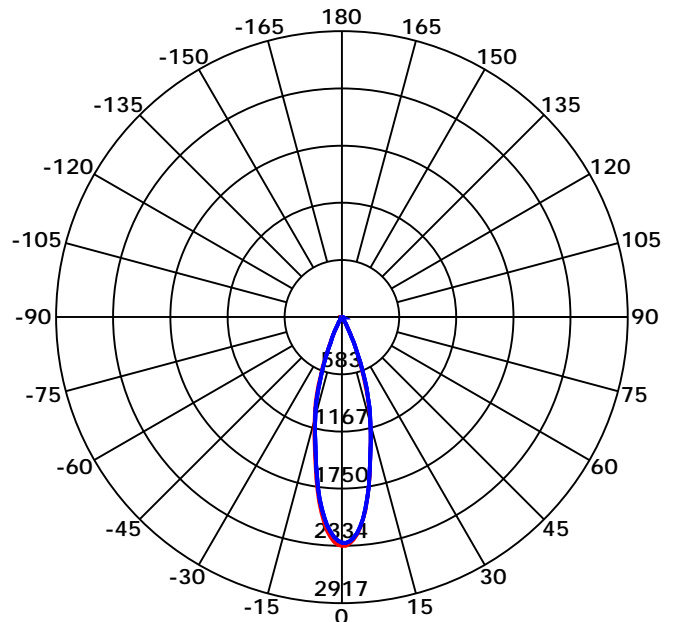
### Photometric Results

CIE Class: Direct	Max. Intensity: 2333.58 cd
Luminaire Luminous Flux: 675.1017	Max. Intensity Angle: C=180 Gamma=0
Downward Ratio: 100.00%	Upward Ratio: 0.00%
Luminaire Efficacy Rating(LER): 55.70 lm/W	Efficacy: 100.00%
Beam Angle(50%) C0-180,C90-270: 28.4,28.5	Center Intensity: 2333.58 cd
Field Angle(10%) C0-180,C90-270: 51.6,51.1	

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 28.4 deg,28.5 deg

C0-180 — C90-270

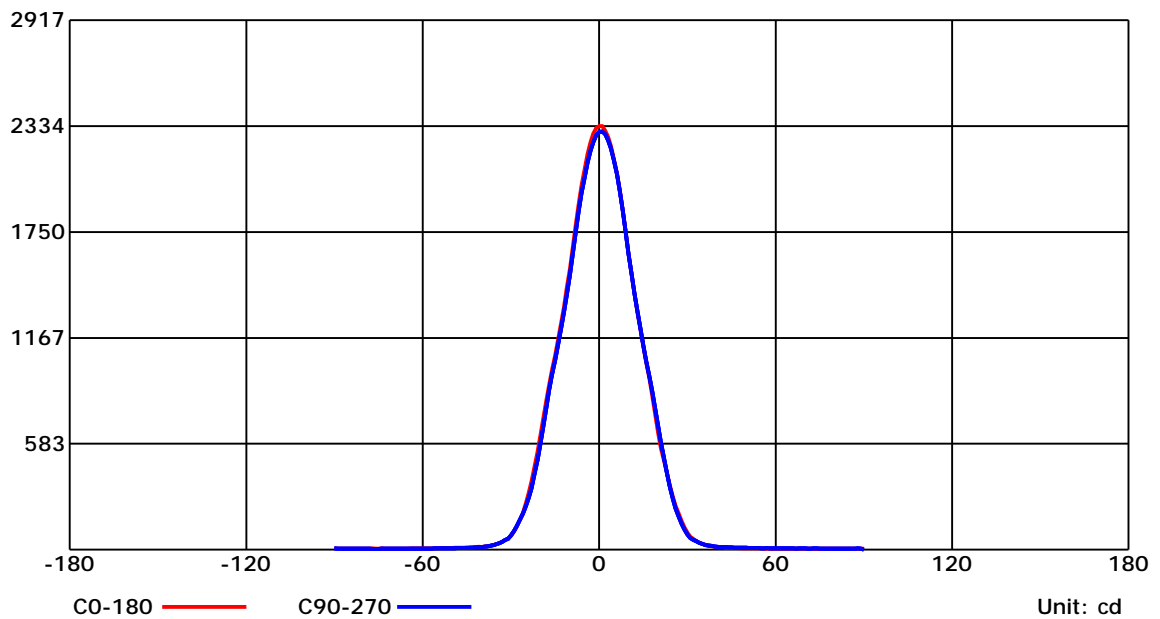
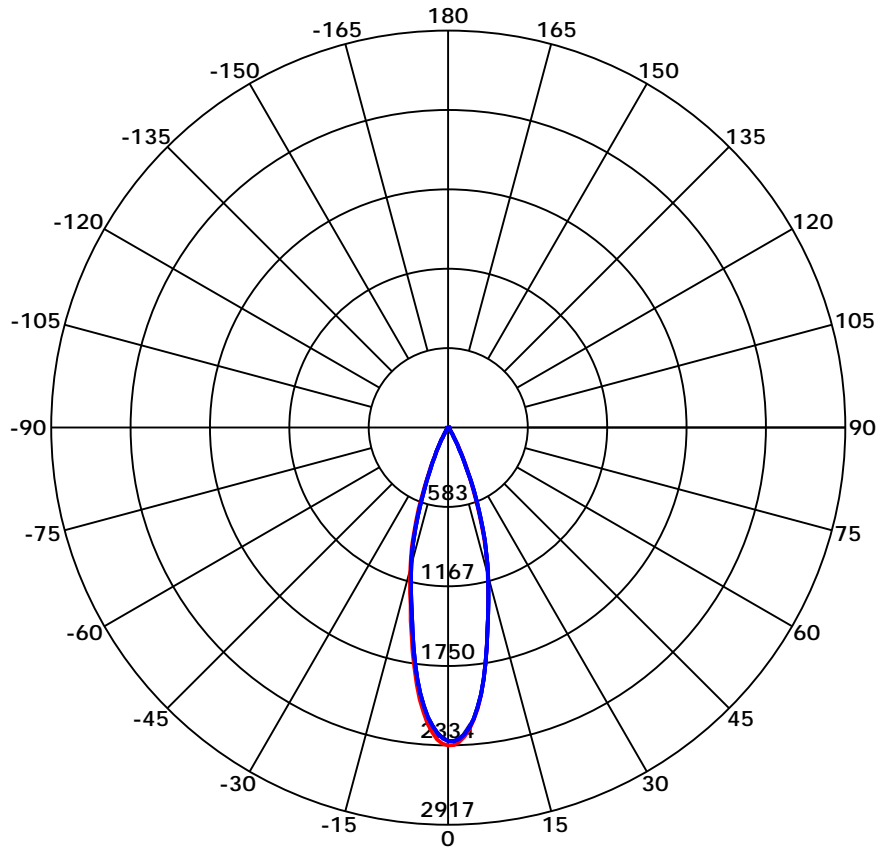
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

## Luminous Intensity Distribution Curve



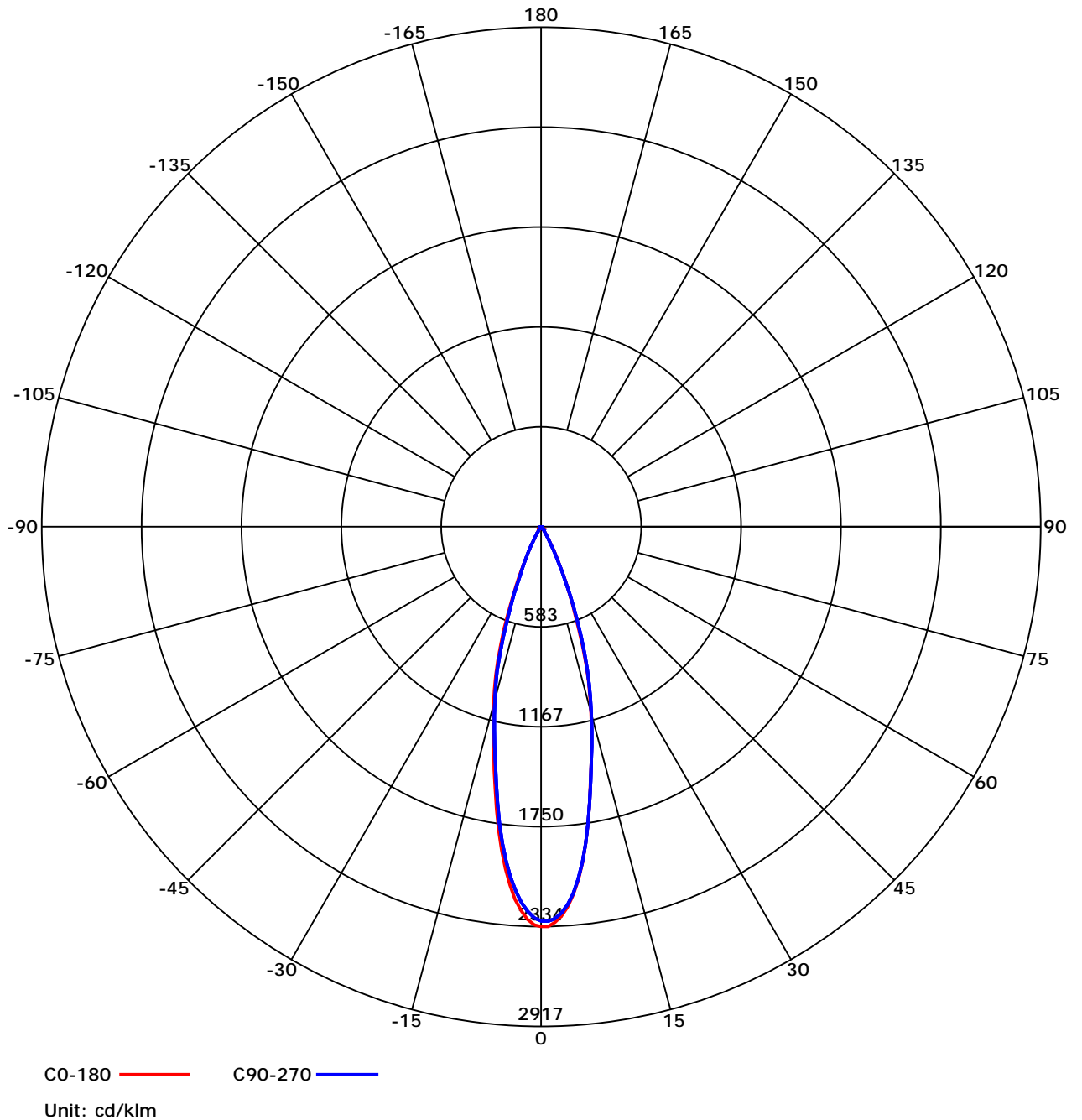
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
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## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

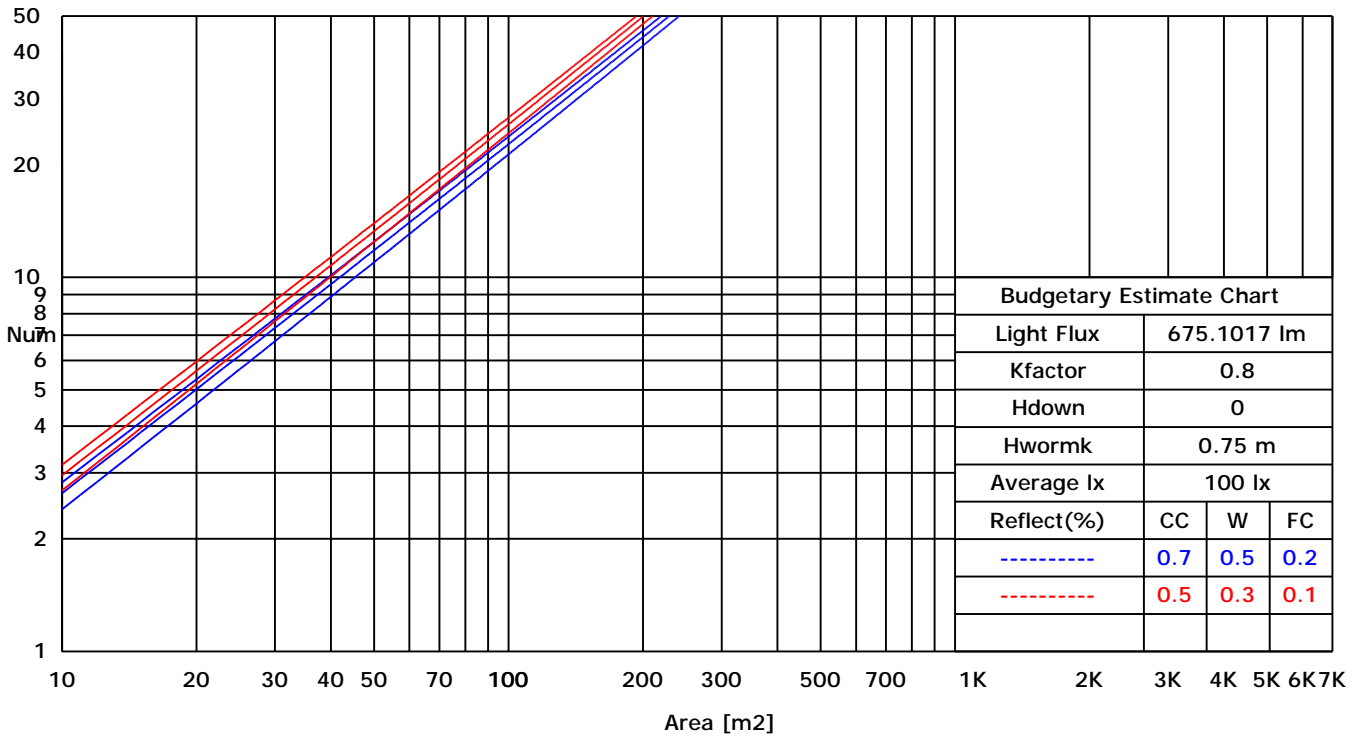
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### UTILIZATION FACTORS TABLE

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	0.91	0.88	0.86	0.91	0.87	0.84	0.88	0.84	0.81	0.84	0.80	0.77	0.79	0.75	0.71	0.66
2	0.87	0.85	0.83	0.87	0.84	0.81	0.85	0.81	0.78	0.81	0.77	0.74	0.77	0.73	0.69	0.64
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	0.82	0.80	0.79	0.82	0.79	0.77	0.80	0.76	0.73	0.77	0.73	0.70	0.74	0.69	0.66	0.61
5	0.80	0.78	0.77	0.80	0.77	0.75	0.78	0.74	0.72	0.75	0.71	0.68	0.72	0.68	0.64	0.60
6	0.78	0.77	0.76	0.78	0.75	0.74	0.76	0.73	0.70	0.74	0.70	0.67	0.71	0.67	0.63	0.59
7	0.77	0.75	0.74	0.76	0.74	0.73	0.75	0.71	0.69	0.72	0.69	0.66	0.70	0.65	0.62	0.58
8	0.76	0.74	0.73	0.75	0.73	0.72	0.73	0.70	0.68	0.71	0.67	0.65	0.69	0.64	0.61	0.58
9	0.74	0.73	0.72	0.74	0.72	0.71	0.72	0.69	0.67	0.70	0.66	0.64	0.68	0.63	0.60	0.57
10	0.73	0.72	0.71	0.73	0.71	0.70	0.71	0.68	0.66	0.69	0.65	0.63	0.67	0.62	0.59	0.56

### LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



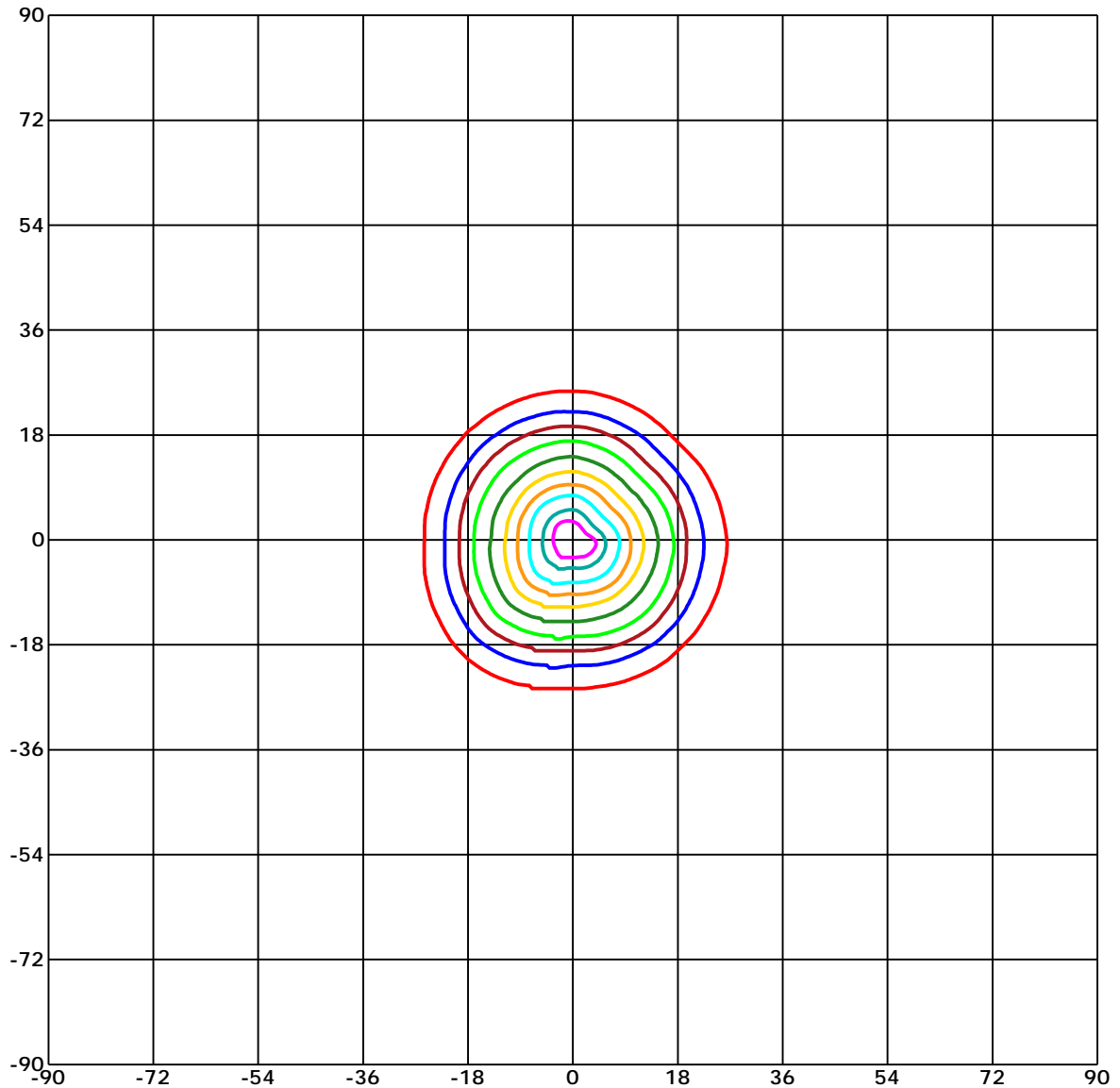
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

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## ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd      I<sub>max</sub>(100%): 2333.58 cd

- |                                  |                                 |
|----------------------------------|---------------------------------|
| — 2216.901(95%I <sub>max</sub> ) | — 1166.79(50%I <sub>max</sub> ) |
| — 2100.222(90%I <sub>max</sub> ) | — 933.432(40%I <sub>max</sub> ) |
| — 1866.864(80%I <sub>max</sub> ) | — 700.074(30%I <sub>max</sub> ) |
| — 1633.506(70%I <sub>max</sub> ) | — 466.716(20%I <sub>max</sub> ) |
| — 1400.148(60%I <sub>max</sub> ) | — 233.358(10%I <sub>max</sub> ) |

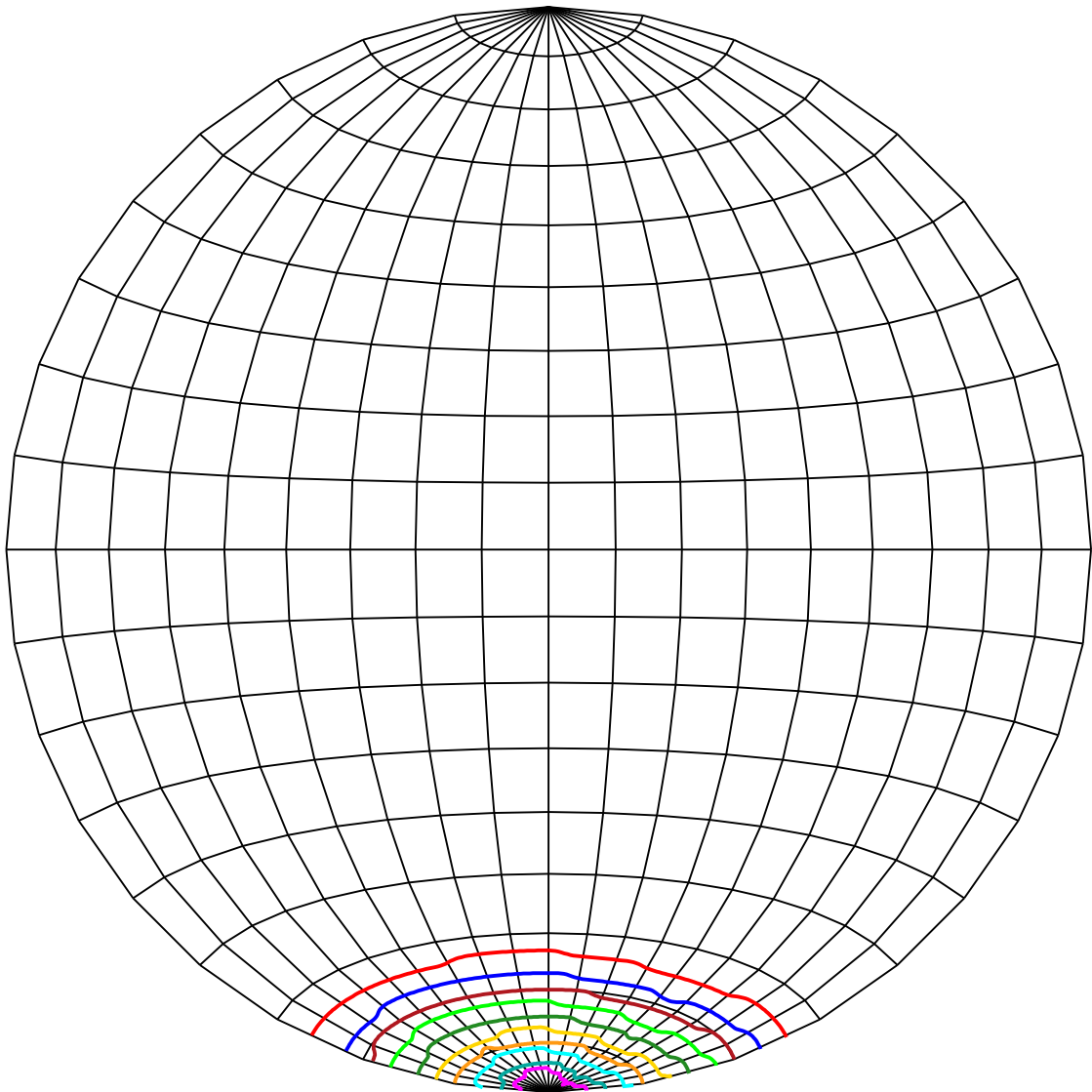
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

## ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd      I<sub>max</sub>(100%): 2333.58 cd

— 2216.901(95%I <sub>max</sub> )	— 1166.79(50%I <sub>max</sub> )
— 2100.222(90%I <sub>max</sub> )	— 933.432(40%I <sub>max</sub> )
— 1866.864(80%I <sub>max</sub> )	— 700.074(30%I <sub>max</sub> )
— 1633.506(70%I <sub>max</sub> )	— 466.716(20%I <sub>max</sub> )
— 1400.148(60%I <sub>max</sub> )	— 233.358(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

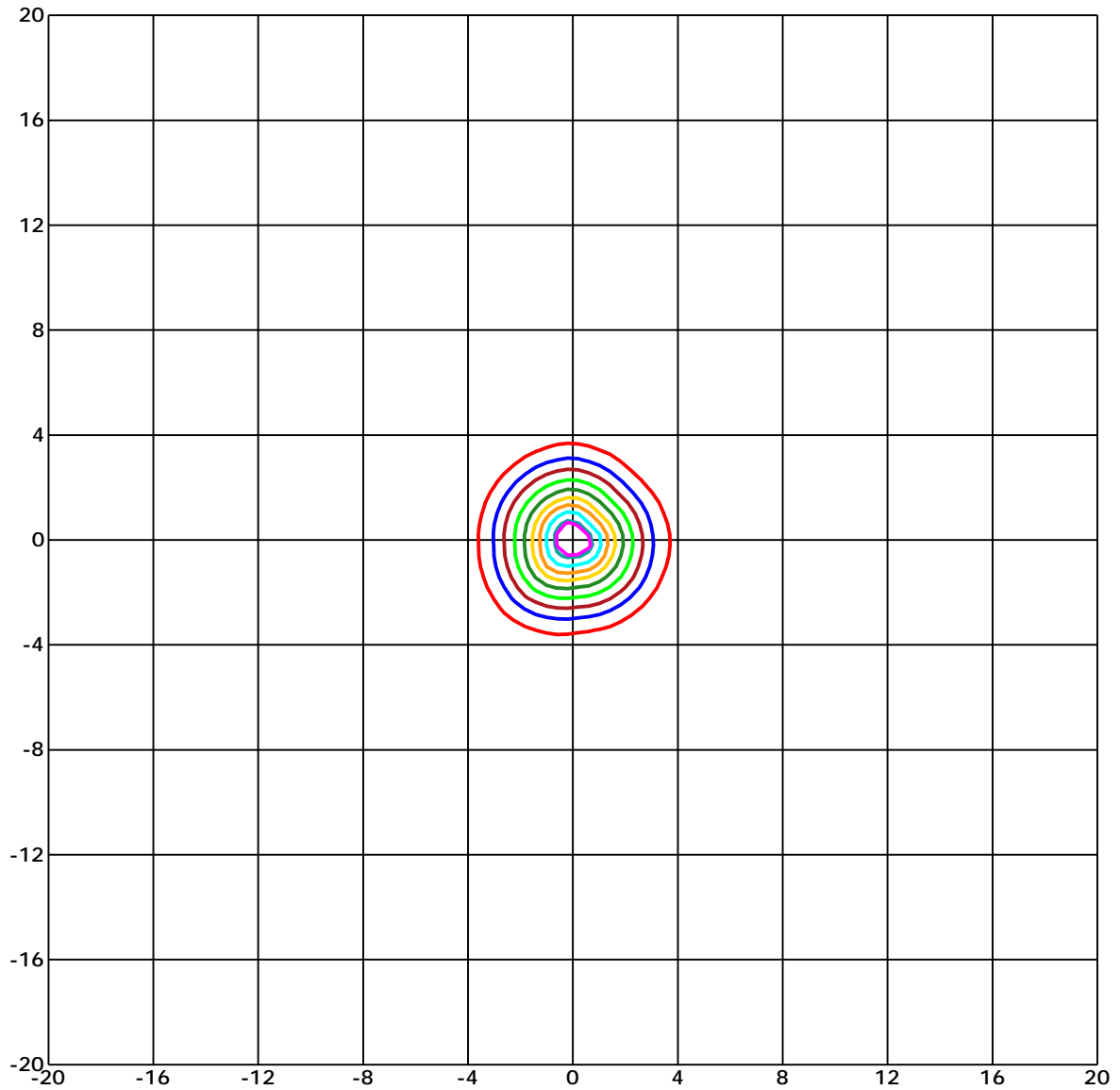
Test Distance: 6.031 m

Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

## ISOLX DIAGRAM



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

— 33.545(1%E <sub>max</sub> )	— 18.231(1%E <sub>max</sub> )
— 32.816(1%E <sub>max</sub> )	— 14.585(1%E <sub>max</sub> )
— 29.17(1%E <sub>max</sub> )	— 10.939(0%E <sub>max</sub> )
— 25.524(1%E <sub>max</sub> )	— 7.292(0%E <sub>max</sub> )
— 21.877(1%E <sub>max</sub> )	— 3.646(0%E <sub>max</sub> )

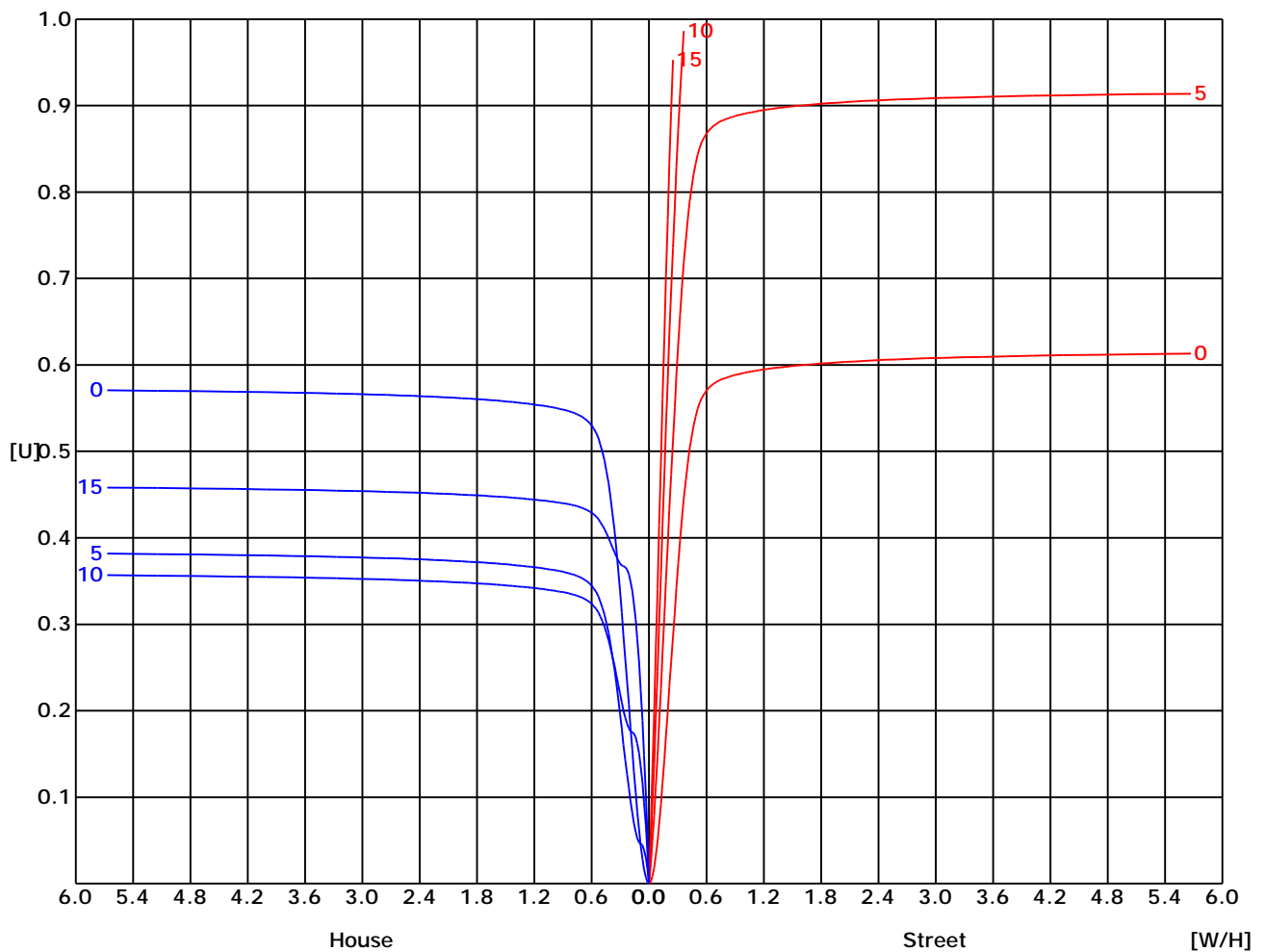
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

## UTILIZATION FACTOR DIAGRAM (ROAD)



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

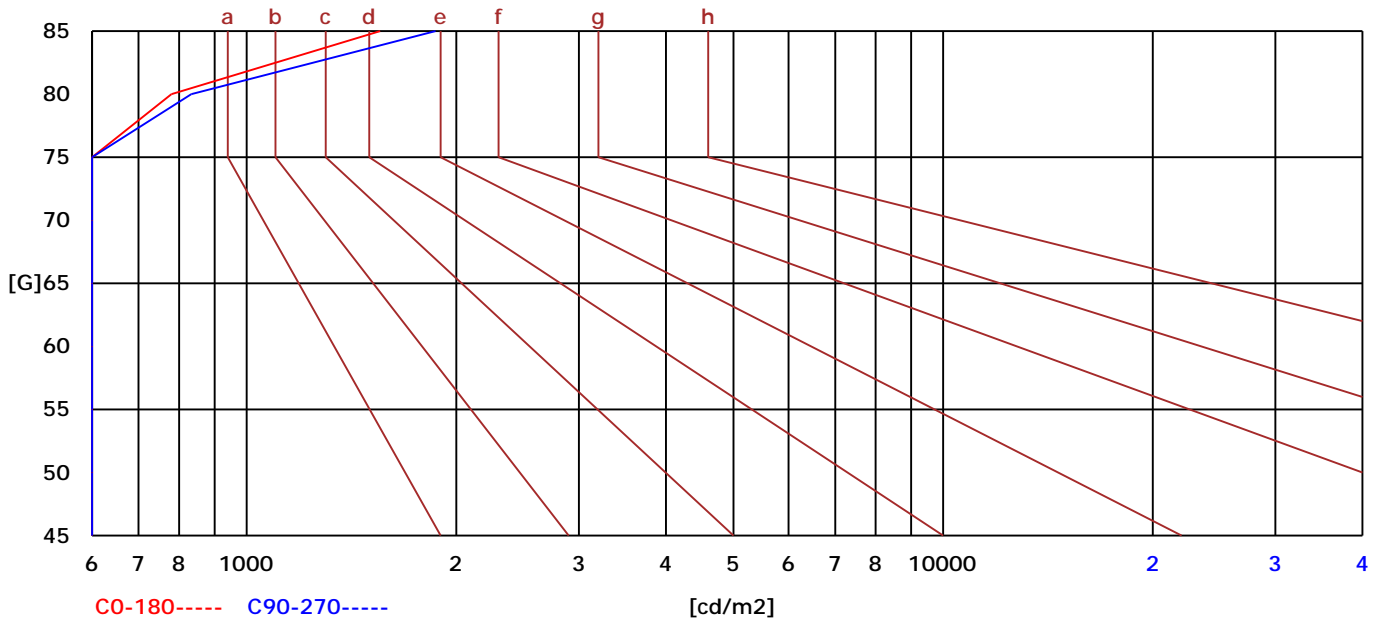


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### BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	312	296	300	326	364	423	534	780	1555
C90	350	324	319	331	380	457	587	833	1868
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



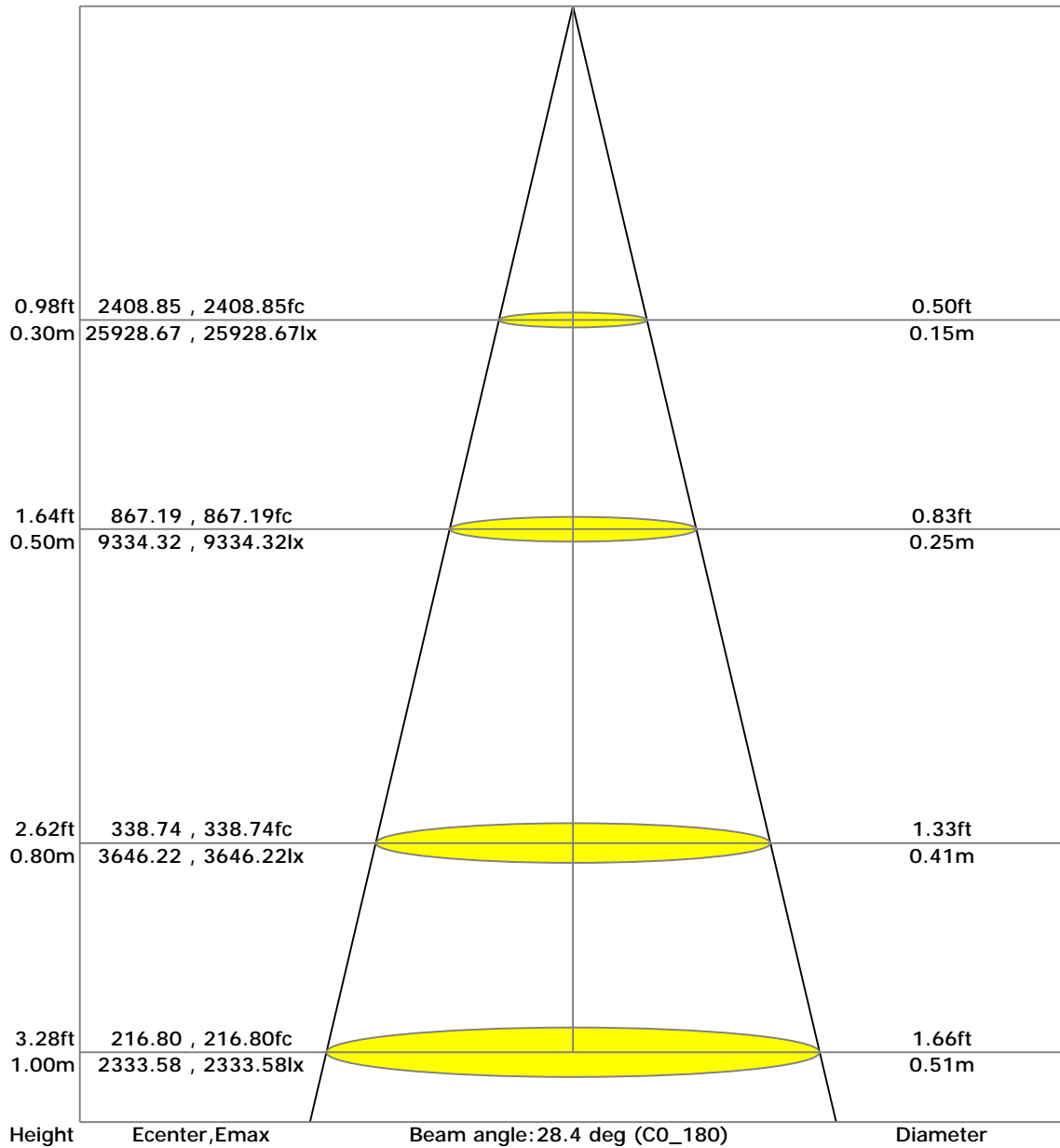
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

Report No.:

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## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

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## 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	1.10	1.15	1.30	1.34	1.58	1.15	1.21	1.35	1.39	1.64
	3H	1.17	1.22	1.37	1.42	1.66	1.36	1.41	1.56	1.61	1.85
	4H	1.27	1.32	1.48	1.52	1.77	1.43	1.49	1.64	1.68	1.93
	6H	1.32	1.38	1.54	1.58	1.83	1.48	1.53	1.69	1.73	1.99
	8H	1.31	1.37	1.53	1.58	1.83	1.47	1.53	1.69	1.73	1.98
	12H	1.31	1.36	1.53	1.57	1.83	1.46	1.52	1.68	1.72	1.98
4H	2H	4.33	4.39	4.54	4.59	4.83	4.84	4.90	5.05	5.10	5.34
	3H	4.91	4.97	5.13	5.18	5.43	5.36	5.42	5.58	5.63	5.88
	4H	5.17	5.23	5.40	5.44	5.70	5.58	5.64	5.81	5.85	6.11
	6H	5.40	5.46	5.64	5.68	5.94	5.77	5.83	6.01	6.05	6.31
	8H	5.50	5.56	5.74	5.78	6.05	5.85	5.91	6.09	6.13	6.40
	12H	5.54	5.60	5.79	5.83	6.10	5.89	5.94	6.14	6.18	6.45
8H	4H	7.20	7.26	7.42	7.46	7.72	7.69	7.75	7.91	7.95	8.21
	6H	9.14	9.19	9.39	9.43	9.70	9.47	9.53	9.73	9.77	10.04
	8H	9.37	9.42	9.63	9.67	9.95	9.68	9.73	9.94	9.98	10.26
	12H	9.54	9.59	9.81	9.85	10.13	9.84	9.89	10.11	10.15	10.43
12H	4H	10.00	10.06	10.25	10.29	10.56	10.23	10.29	10.48	10.52	10.79
	6H	10.67	10.73	10.94	10.98	11.25	10.86	10.91	11.12	11.16	11.43

C Range: 0 - 360 Deg  
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G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

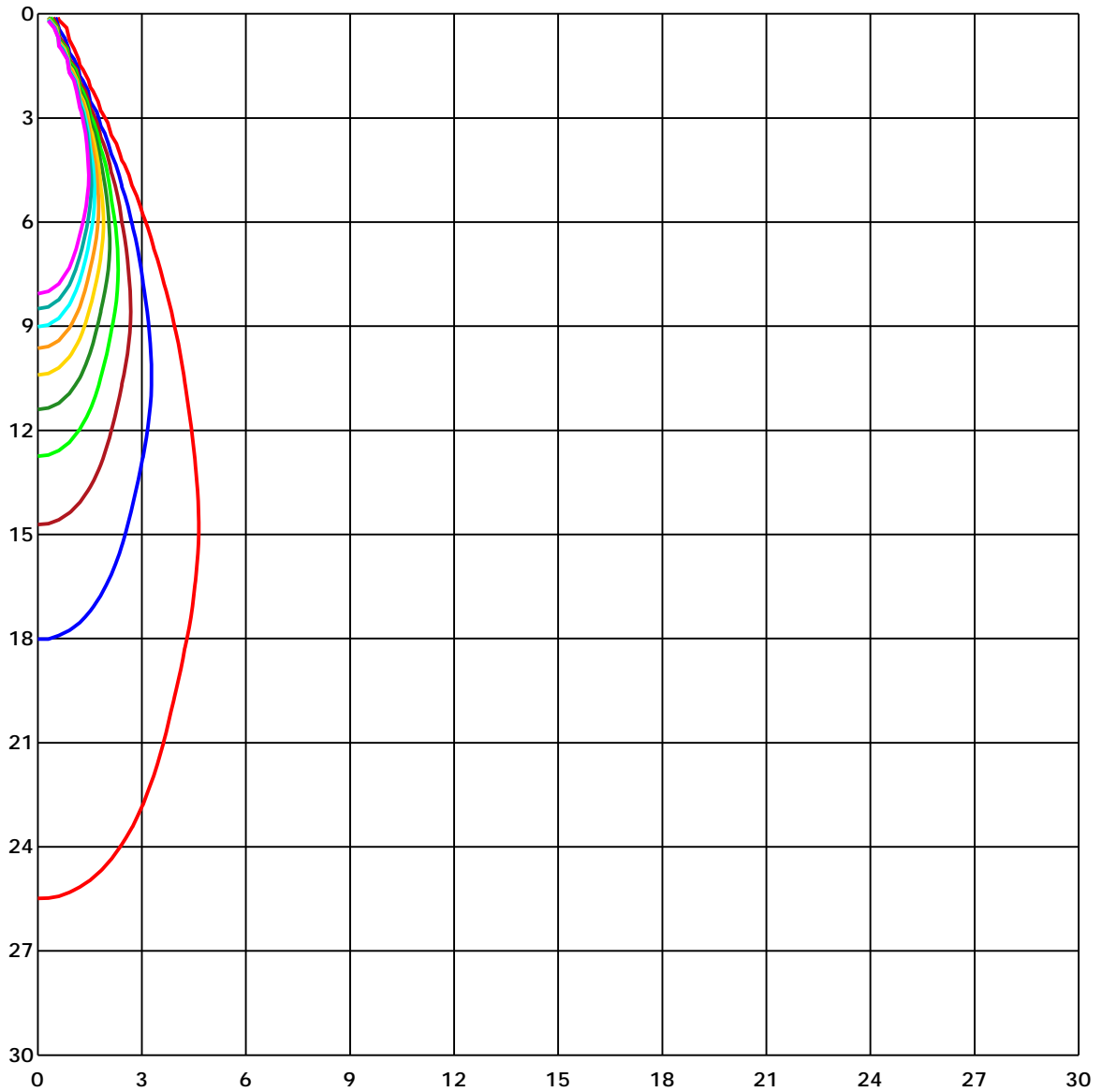
## ZONAL LUMINOUS FLUX TABLE

Gamma [deg]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0	2306.47	0.00	0.00	0.00	0.00
5	2182.23	52.83	52.83	7.83	7.83
10	1709.37	131.75	184.57	19.52	27.34
15	1183.43	155.99	340.57	23.11	50.45
20	747.76	143.68	484.24	21.28	71.73
25	330.19	92.19	576.43	13.66	85.38
30	108.76	40.97	617.41	6.07	91.45
35	37.66	15.18	632.59	2.25	93.70
40	17.40	7.26	639.85	1.07	94.78
45	11.66	4.84	644.69	0.72	95.50
50	9.25	3.97	648.65	0.59	96.08
55	7.97	3.61	652.27	0.54	96.62
60	7.03	3.39	655.66	0.50	97.12
65	6.53	3.23	658.89	0.48	97.60
70	6.32	3.22	662.11	0.48	98.08
75	6.18	3.19	665.31	0.47	98.55
80	6.07	3.24	668.55	0.48	99.03
85	6.09	3.30	671.84	0.49	99.52
90	5.82	3.26	675.10	0.48	100.00

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## SPACE ISOLX DIAGRAM



Unit of illumination: lx

- |          |          |
|----------|----------|
| — 35.944 | — 17.972 |
| — 32.35  | — 14.378 |
| — 28.755 | — 10.783 |
| — 25.161 | — 7.189  |
| — 21.566 | — 3.594  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
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 Temperature:  
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G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
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## LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma/C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G0	2333.58	2265.05	2301.21	2326.05	2333.58	2265.05	2301.21	2326.05	2333.58	
G1	2333.4	2245.01	2302.99	2325.98	2323.8	2267.82	2282.88	2321.29	2333.4	
G2	2309.21	2211.66	2289.64	2307.32	2292.81	2257.09	2245.38	2295.13	2309.21	
G3	2274.8	2155.86	2256.11	2269.31	2243.74	2233.59	2196.85	2259.2	2274.8	
G4	2223.95	2084.57	2210.79	2213.22	2181.11	2196.82	2132.33	2215.08	2223.95	
G5	2154.55	2002.33	2146.59	2144.11	2098.1	2152.99	2050.96	2147.93	2154.55	
G6	2071.91	1905.83	2066.68	2058.13	2006.15	2086.94	1962.79	2066.24	2071.91	
G7	1979.02	1795.88	1972.47	1965.74	1901.43	2008.95	1862.08	1974.25	1979.02	
G8	1868.3	1677.45	1867.64	1854.19	1788.39	1921.33	1748.99	1869.64	1868.3	
G9	1751.4	1565.71	1749.9	1731.5	1669.05	1821.74	1631.76	1753.87	1751.4	
G10	1629.51	1458.99	1628.49	1608.63	1548.98	1713.64	1514.61	1634.49	1629.51	
G11	1509.51	1359.69	1513.04	1486.09	1443.64	1598.92	1403.34	1513.55	1509.51	
G12	1405.6	1260.18	1406.76	1369.12	1333.29	1495.29	1305.79	1396.72	1405.6	
G13	1303.83	1162.26	1313.28	1261.78	1246.1	1389.45	1215.29	1297.79	1303.83	
G14	1214.75	1069.37	1220.42	1172.48	1158.59	1295.79	1131.53	1204.53	1214.75	
G15	1121.89	984.98	1127.78	1092.43	1073.51	1204.85	1046.01	1125.96	1121.89	
G16	1032.77	902.34	1041.79	1011.79	991.2	1114.47	964.61	1048.6	1032.77	
G17	944.46	813.66	957.15	938.6	909.43	1029.61	880.88	967.92	944.46	
G18	848.07	718.69	872.59	858.87	819.77	946.39	779.18	882.34	848.07	
G19	747.68	627.72	779.91	768.82	726.44	865.06	681.3	785.15	747.68	
G20	648.35	538.68	686.39	673.05	633.25	773.43	586.15	688.29	648.35	
G21	558.87	454.52	593.17	579.75	542.18	680.83	496.24	590.22	558.87	
G22	488.23	377.66	502.53	489.25	455.21	586.22	414.18	500.46	488.23	
G23	421.2	308.92	421.6	405.45	378.24	497.98	339.18	417.93	421.2	
G24	355.62	249.77	346.34	331.76	312.41	417.63	283.56	344.42	355.62	
G25	295.13	200.78	283.09	267.16	254.47	347.98	237.81	281.53	295.13	
G26	242.79	158.7	227.04	212.31	203.47	286.18	198.78	228.13	242.79	
G27	197.54	121.78	180.59	167.86	162.37	232.53	163.21	184.92	197.54	
G28	157.42	93.51	141.16	130.47	127.49	188.7	131.23	147.35	157.42	
G29	122.07	71.44	109.26	100.21	98.79	151.02	102.5	114.76	122.07	
G30	94.68	56.89	82.68	74.42	75.55	117.34	79.58	90.17	94.68	
G31	71.47	46.74	64.34	58.63	62.2	91.7	60.96	71.18	71.47	
G32	58.34	37.9	54.23	48.56	51.87	71.25	52.63	59.4	58.34	
G33	48.01	31.35	45.54	40.26	43.28	59.76	43.36	49.18	48.01	
G34	39.9	26.04	37.97	33.43	36.48	50.16	36.26	40.99	39.9	
G35	31.64	21.61	32.19	27.64	30.34	41.47	29.79	35.46	31.64	
G36	25.93	18.7	27.03	22.7	25.97	35.57	24.62	28.37	25.93	

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.031 m

Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

GammaC	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G37	22.37	16.37	23.24	19.39	21.02	29.64	21.82	25.93	22.37	
G38	19.17	14.62	20.77	17.17	20.19	25.64	18.33	22.84	19.17	
G39	16.26	13.2	18.48	15.24	18.19	22.55	16.19	19.1	16.26	
G40	14.84	12.11	16.91	15.17	15.02	19.97	14.66	18.59	14.84	
G41	13.31	11.09	15.46	12.73	15.75	18.0	13.17	15.75	13.31	
G42	12.15	10.4	14.33	13.13	14.26	16.33	12.08	14.48	12.15	
G43	11.09	11.02	14.37	12.44	12.26	14.99	11.46	14.44	11.09	
G44	10.62	10.51	12.55	10.37	11.46	13.93	10.33	13.53	10.62	
G45	9.68	8.84	11.97	9.89	12.04	11.75	9.86	11.97	9.68	
G46	9.75	8.51	11.35	9.46	11.42	11.53	9.31	11.42	9.75	
G47	8.69	8.26	10.95	9.13	11.02	10.95	9.78	10.98	8.69	
G48	8.33	9.02	10.51	8.84	10.62	10.98	8.51	10.66	8.33	
G49	8.07	7.82	10.18	8.55	10.18	10.66	8.26	10.26	8.07	
G50	7.75	7.6	11.09	8.33	9.82	10.18	7.97	9.42	7.75	
G51	7.53	7.42	9.46	8.11	9.53	9.78	7.75	9.78	7.53	
G52	7.31	7.35	9.2	7.86	9.53	9.46	7.53	8.29	7.31	
G53	7.06	7.13	8.91	7.71	8.88	9.13	7.31	9.31	7.06	
G54	6.87	7.06	8.69	7.57	8.58	8.88	7.09	9.06	6.87	
G55	6.69	6.87	8.37	7.31	8.29	9.82	6.91	8.82	6.69	
G56	6.51	6.73	8.18	7.2	8.0	8.37	6.73	8.58	6.51	
G57	6.33	6.69	8.95	7.02	7.82	8.11	6.58	8.33	6.33	
G58	6.18	6.58	7.67	6.47	8.37	7.89	6.37	8.15	6.18	
G59	6.07	6.58	7.53	6.77	7.38	7.67	6.29	7.97	6.07	
G60	6.0	6.51	7.42	6.62	8.22	7.53	6.15	7.78	6.0	
G61	5.93	4.69	7.27	6.62	7.06	7.42	6.11	7.57	5.93	
G62	5.86	4.66	7.2	6.51	6.95	7.24	6.0	7.46	5.86	
G63	5.82	5.47	7.13	6.47	8.0	8.0	5.97	7.2	5.82	
G64	5.67	6.29	7.02	6.44	6.69	7.09	5.89	7.13	5.67	
G65	6.4	6.15	7.02	6.42	6.58	7.42	5.86	6.98	6.4	
G66	6.37	6.15	6.91	6.4	6.51	7.06	5.86	6.87	6.37	
G67	5.67	6.0	6.37	6.4	6.4	7.06	5.89	6.69	5.67	
G68	5.71	5.93	6.87	6.33	6.33	6.98	5.86	6.66	5.71	
G69	5.75	5.86	6.84	6.29	6.29	7.06	5.93	6.55	5.75	
G70	5.71	5.78	6.77	6.26	6.22	5.97	5.86	6.44	5.71	
G71	5.67	5.75	5.42	6.26	6.18	7.02	5.86	6.37	5.67	
G72	5.71	5.67	5.42	6.22	6.15	6.95	5.97	6.37	5.71	
G73	5.13	5.64	6.66	6.11	6.15	6.98	5.93	6.33	5.13	

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature:  
 Operators:  
 Test Date: 2021/5/23 8:29:27

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1800B Goniophotometer  
 Humidity:  
 Test Distance: 6.031 m  
 Remarks:

Report No.:

Test Time: 2021/5/23 8:29:27

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G74	4.73	5.57	6.66	6.11	7.13	6.95	6.04	6.26	4.73	
G75	5.75	5.53	6.64	6.07	5.97	6.91	4.76	7.42	5.75	
G76	5.82	5.53	6.62	5.38	6.0	6.84	4.44	6.18	5.82	
G77	5.86	5.49	6.58	6.0	6.91	6.77	4.44	7.38	5.86	
G78	5.86	5.49	6.55	5.86	6.0	6.66	6.07	6.15	5.86	
G79	5.89	5.46	6.51	5.89	6.0	6.58	6.11	6.11	5.89	
G80	5.91	5.42	6.47	5.78	6.0	6.47	6.11	6.11	5.91	
G81	5.93	6.0	6.4	5.78	6.04	6.4	6.11	6.11	5.93	
G82	5.93	6.58	6.29	5.75	6.07	6.29	6.06	6.15	5.93	
G83	5.86	5.46	6.29	5.78	6.0	6.26	6.0	6.07	5.86	
G84	5.82	6.47	5.53	6.55	6.07	6.15	6.0	6.15	5.82	
G85	5.82	5.42	5.57	6.51	6.04	6.15	6.0	6.69	5.82	
G86	5.82	6.4	6.11	5.64	6.0	7.13	6.0	6.07	5.82	
G87	5.89	5.42	6.11	5.86	6.0	6.11	6.11	6.11	5.89	
G88	5.38	5.89	6.73	5.57	5.82	6.4	6.62	6.11	5.38	
G89	5.31	5.82	5.86	5.78	5.78	6.55	5.49	5.97	5.31	
G90	5.55	4.55	0.0	5.32	8.04	6.55	7.09	5.97	5.55	