

Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: rayhil  
Luminaire Type Que-11-5-35-24-BK  
Lamp Type:  
Luminous Width: 15 mm  
Luminous Length: 15 mm  
Luminous Height: 12 mm

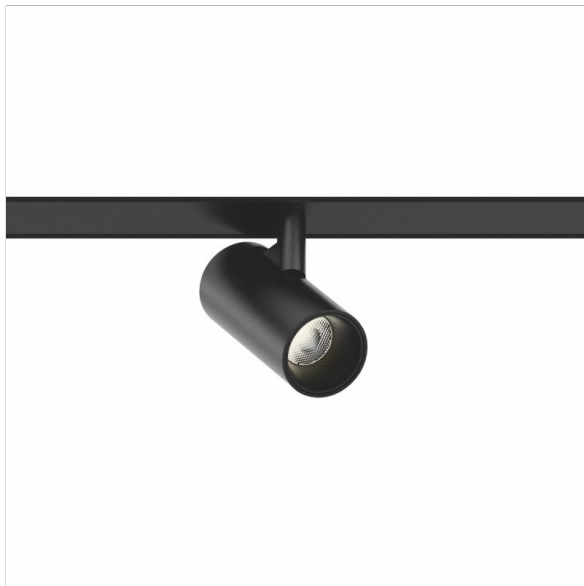
Voltage(V): 48.00 V  
Current(A): 0.2270 A  
Power(W): 10.90 W  
Power Factor: 1.0000  
Lamp Luminous Flux: 613.35

### Photometric Results

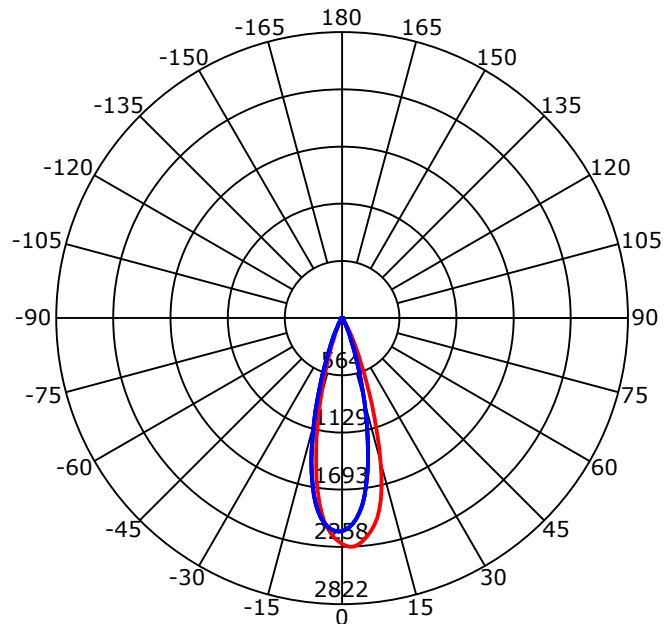
CIE Class: Direct  
Luminaire Luminous Flux: 613.3527 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 56.27 lm/W  
Beam Angle(50%) C0-180,C90-270: 30.0,28.5  
Field Angle(10%) C0-180,C90-270: 48.8,47.6  
S/MH C0-180,C90-270: 0.536,0.462

Max. Intensity: 2257.65 cd  
Max.Intensity Angle: C=0 Gamma=2  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 2227.74 cd  
Effective Luminous Flux: 539.09 lm  
ERP( $\phi$ use)(120deg): 611.45 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 30.0 deg,28.5 deg

C0-180 — C90-270 —

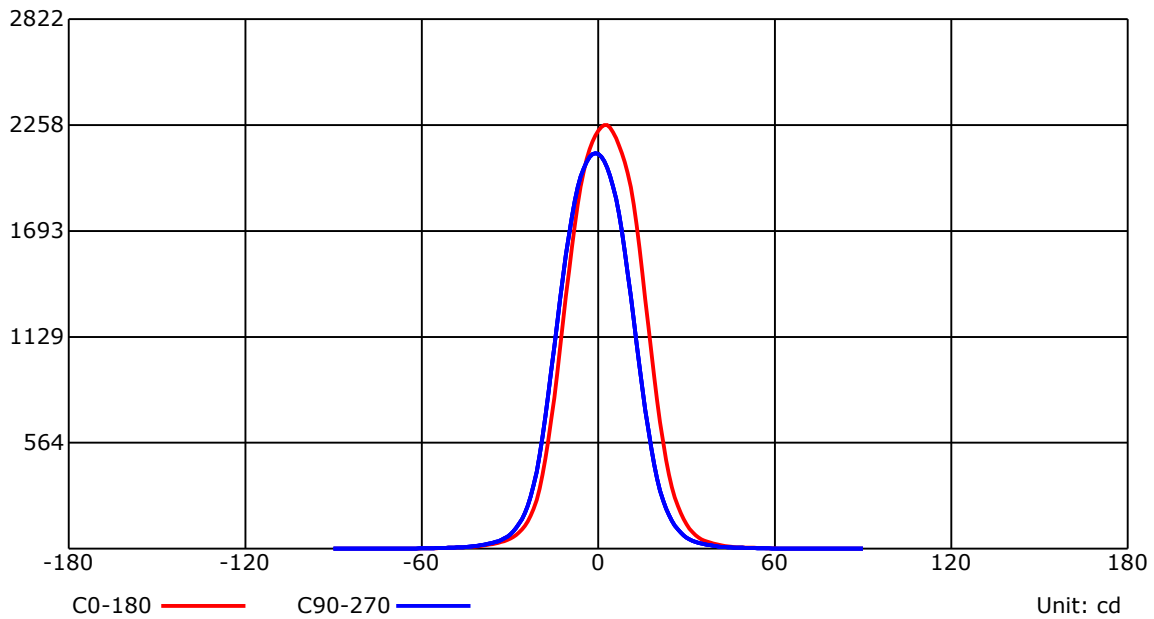
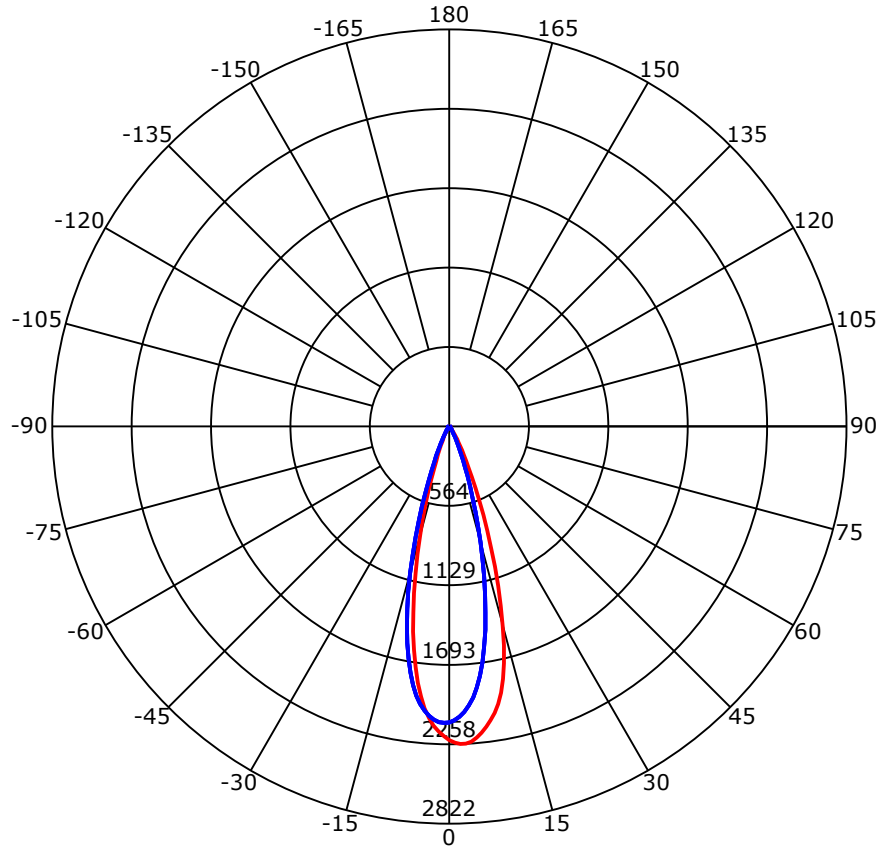
C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 30  
Operators:  
Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 72  
Test Distance: 8.86 m  
Remarks:

Report No.:

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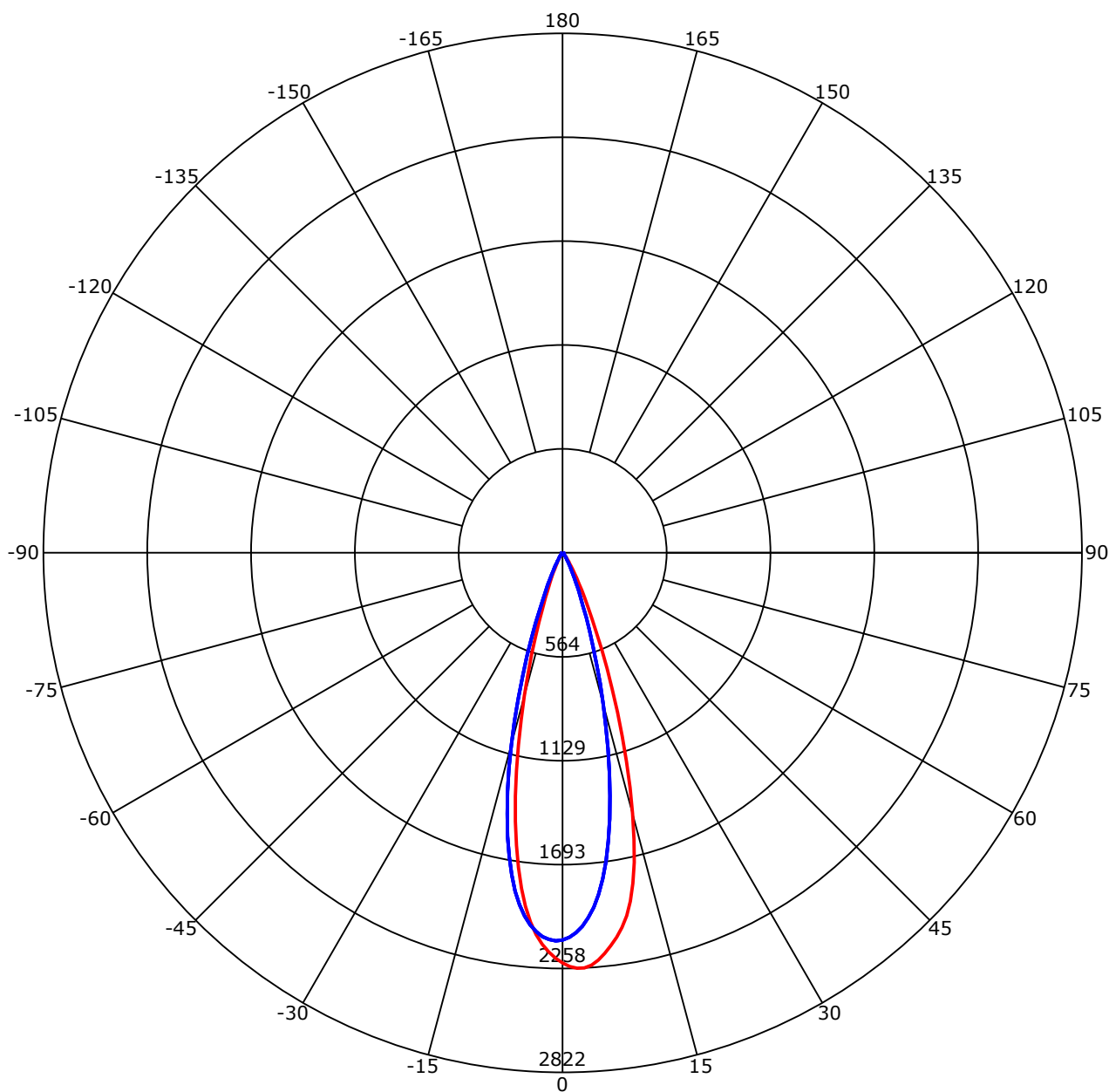
## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 30  
Operators:  
Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 72  
Test Distance: 8.86 m  
Remarks:

## 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: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

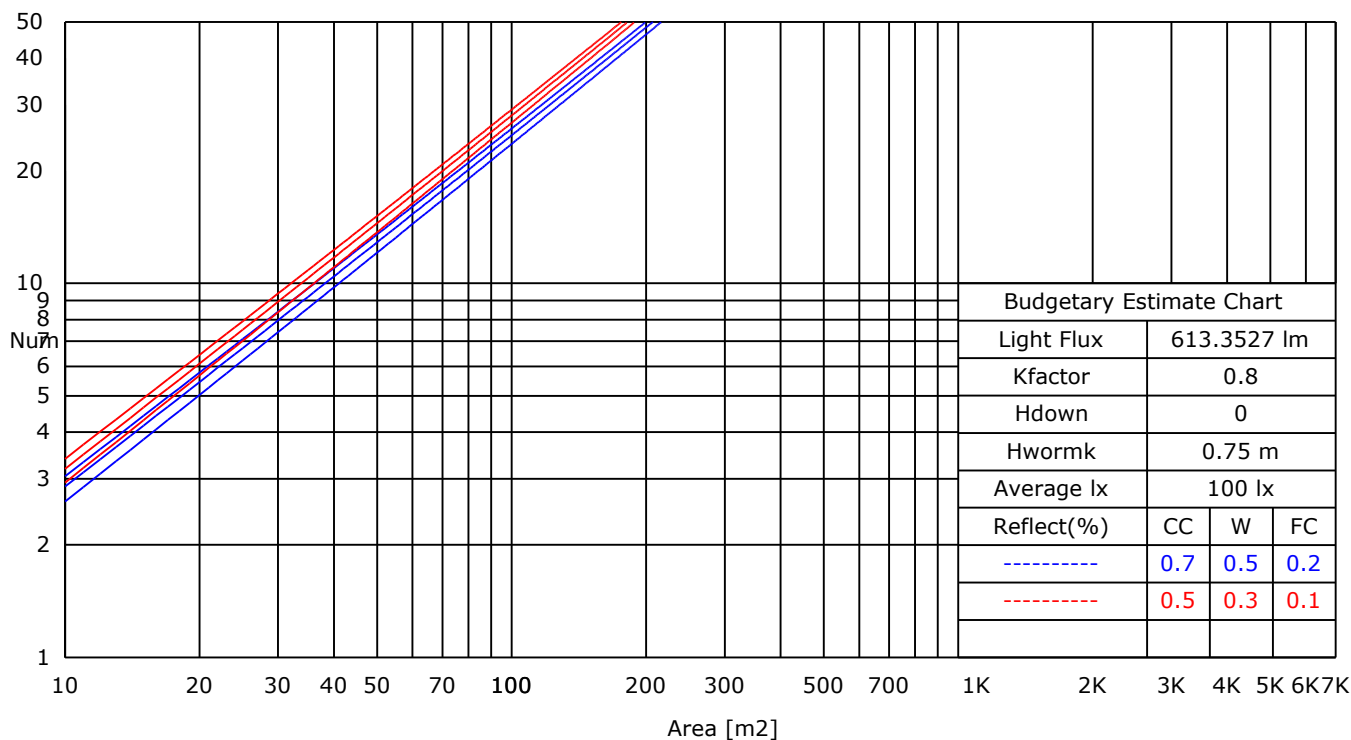
Test Distance: 8.86 m

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	0.90	0.87	0.84	0.89	0.86	0.83	0.87	0.83	0.80	0.83	0.79	0.76	0.78	0.74	0.70	0.65
2	0.87	0.84	0.82	0.86	0.83	0.81	0.84	0.80	0.77	0.81	0.77	0.73	0.77	0.72	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	0.77	0.74	0.78	0.73	0.70	0.74	0.70	0.66	0.62
5	0.81	0.79	0.78	0.80	0.78	0.76	0.78	0.75	0.72	0.76	0.72	0.69	0.73	0.68	0.65	0.61
6	0.79	0.78	0.76	0.79	0.76	0.75	0.77	0.74	0.71	0.75	0.71	0.68	0.72	0.67	0.64	0.60
7	0.78	0.76	0.75	0.77	0.75	0.74	0.75	0.72	0.70	0.73	0.69	0.67	0.71	0.66	0.63	0.59
8	0.77	0.75	0.74	0.76	0.74	0.73	0.74	0.71	0.69	0.72	0.68	0.66	0.69	0.65	0.62	0.58
9	0.76	0.74	0.73	0.75	0.73	0.72	0.73	0.70	0.68	0.71	0.67	0.65	0.68	0.64	0.61	0.58
10	0.75	0.73	0.73	0.74	0.72	0.71	0.72	0.69	0.67	0.70	0.66	0.64	0.67	0.63	0.60	0.57

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

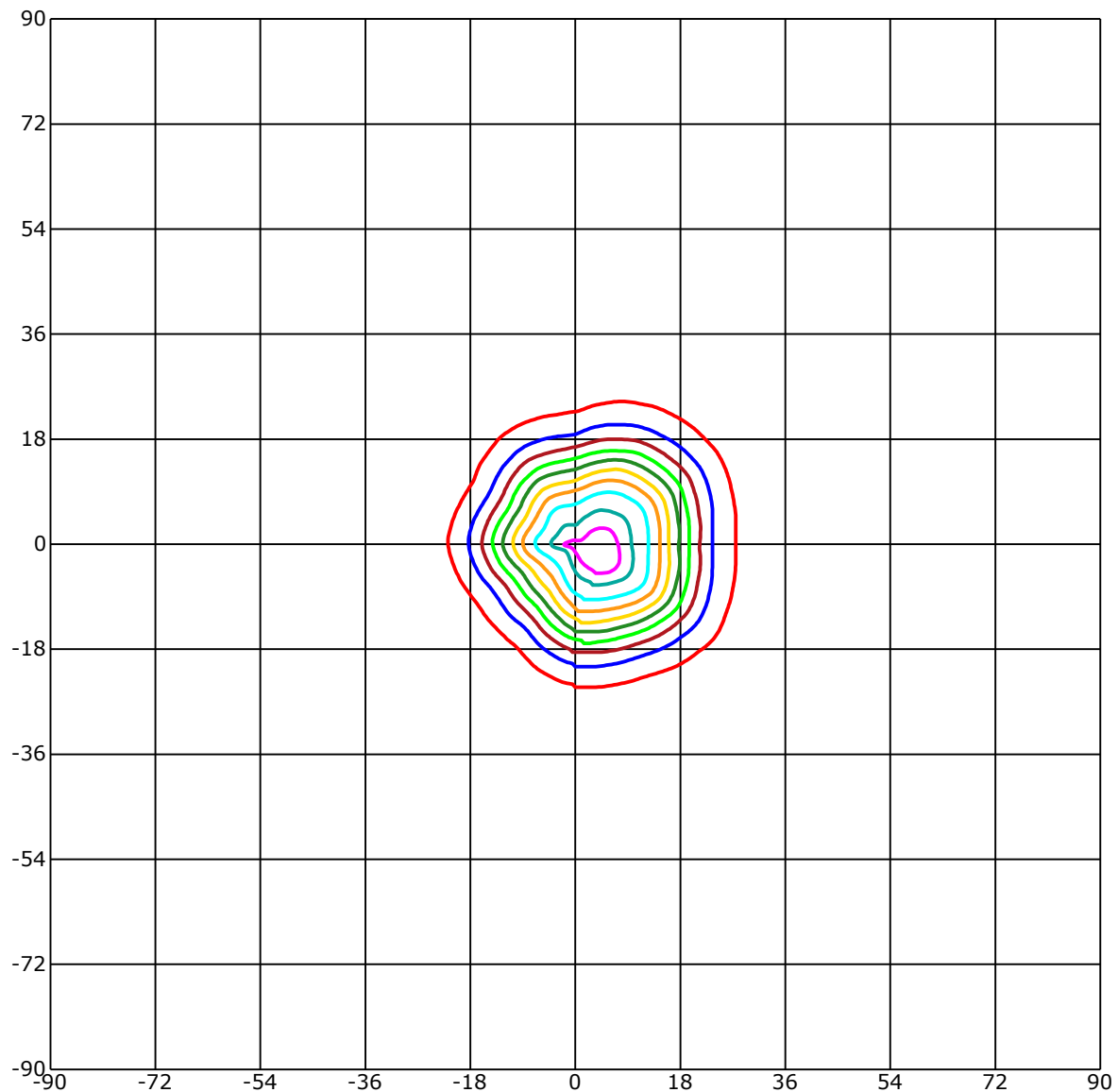
Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

## ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd    I<sub>max</sub>(100%): 2257.648 cd

2144.766(95%I <sub>max</sub> )	1128.824(50%I <sub>max</sub> )
2031.884(90%I <sub>max</sub> )	903.059(40%I <sub>max</sub> )
1806.119(80%I <sub>max</sub> )	677.295(30%I <sub>max</sub> )
1580.354(70%I <sub>max</sub> )	451.53(20%I <sub>max</sub> )
1354.589(60%I <sub>max</sub> )	225.765(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

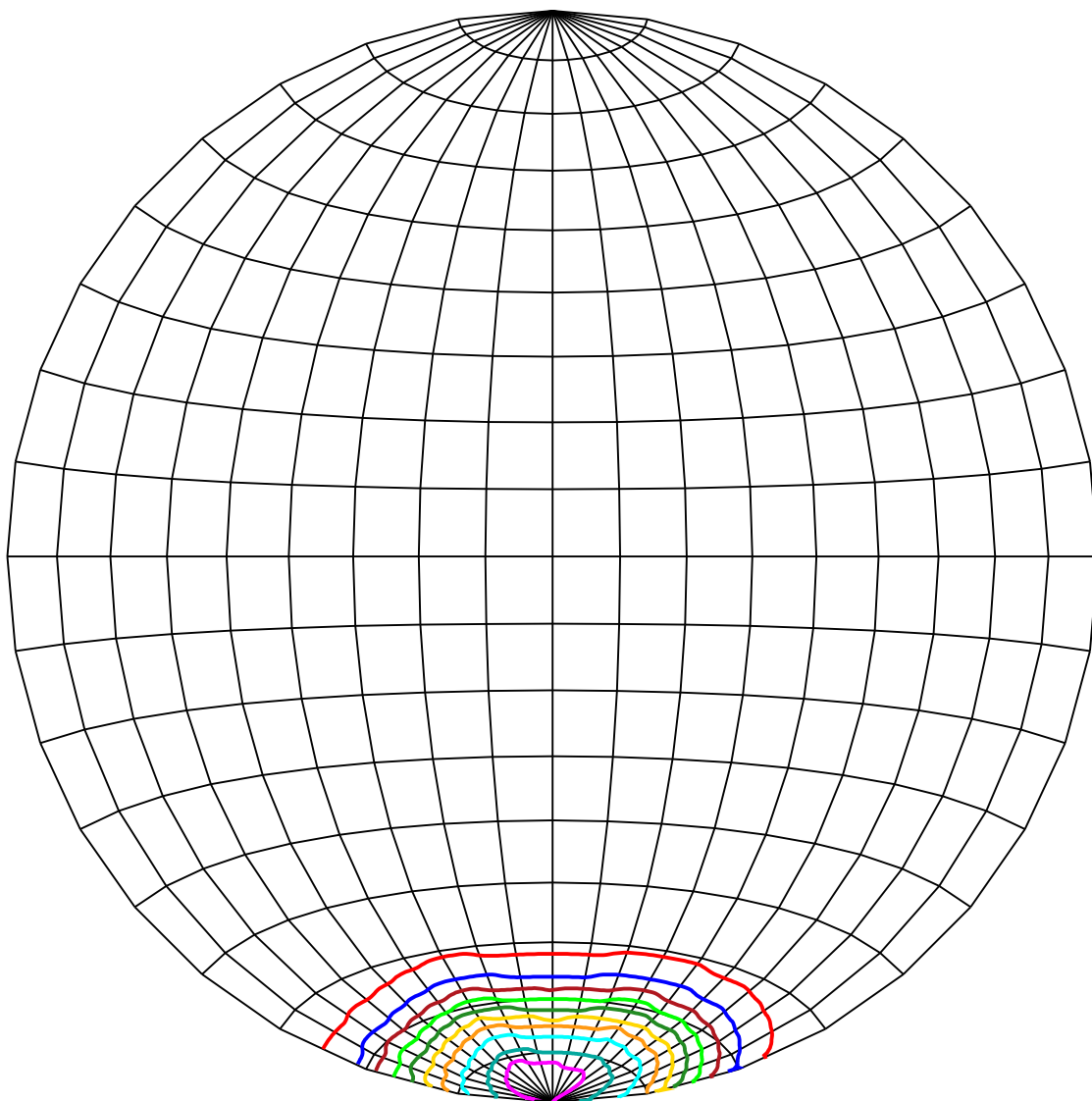
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-20 11:49:19

## ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd    I<sub>max</sub>(100%): 2257.648 cd

2144.766(95%I <sub>max</sub> )	1128.824(50%I <sub>max</sub> )
2031.884(90%I <sub>max</sub> )	903.059(40%I <sub>max</sub> )
1806.119(80%I <sub>max</sub> )	677.295(30%I <sub>max</sub> )
1580.354(70%I <sub>max</sub> )	451.53(20%I <sub>max</sub> )
1354.589(60%I <sub>max</sub> )	225.765(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

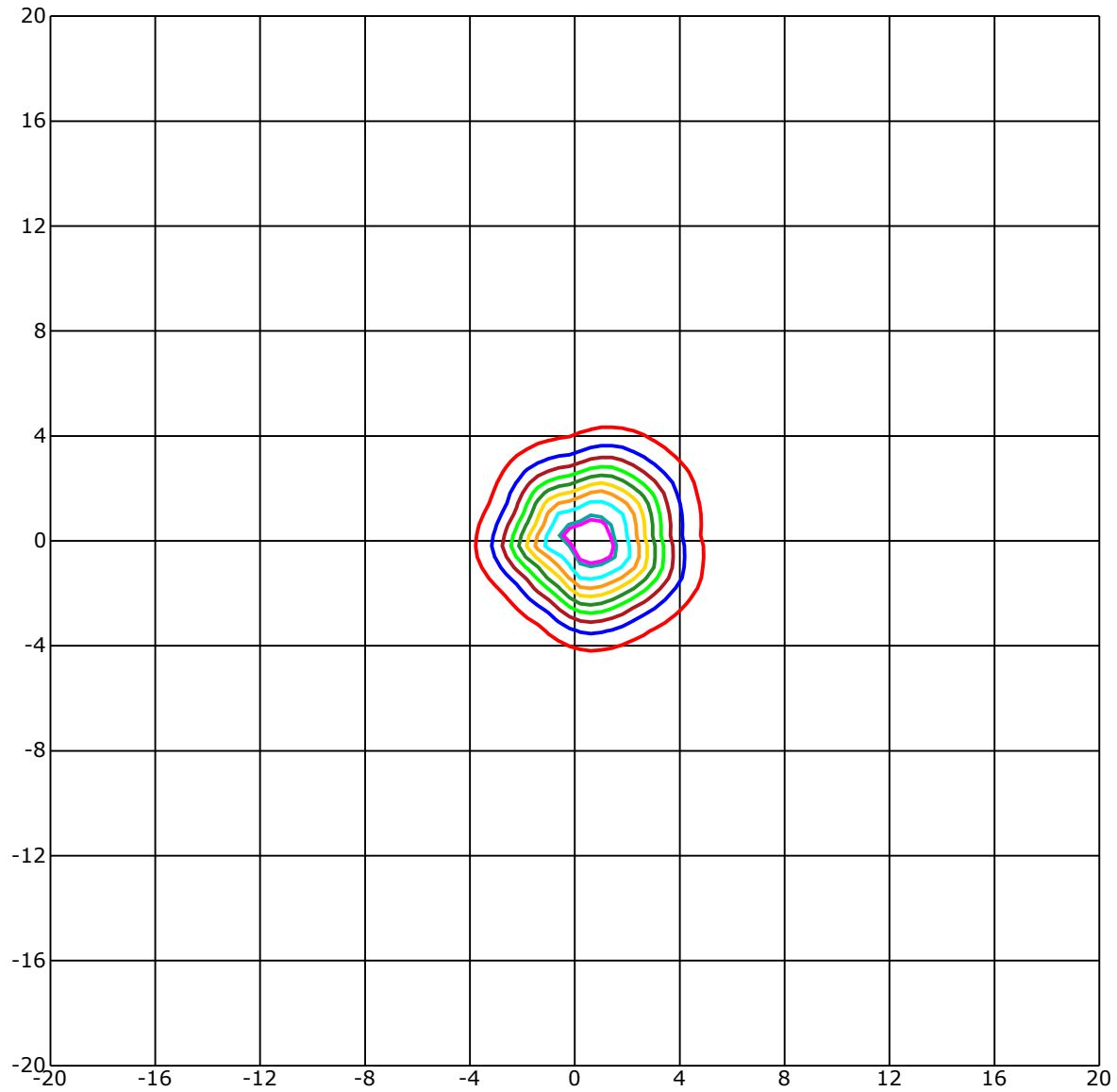
Test Distance: 8.86 m

Remarks:

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Test Time: 2022-06-20 11:49:19

## ISOLX DIAGRAM



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

20.732(1%Emax)	11.268(0%Emax)
20.282(1%Emax)	9.014(0%Emax)
18.028(1%Emax)	6.761(0%Emax)
15.775(1%Emax)	4.507(0%Emax)
13.521(1%Emax)	2.254(0%Emax)

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

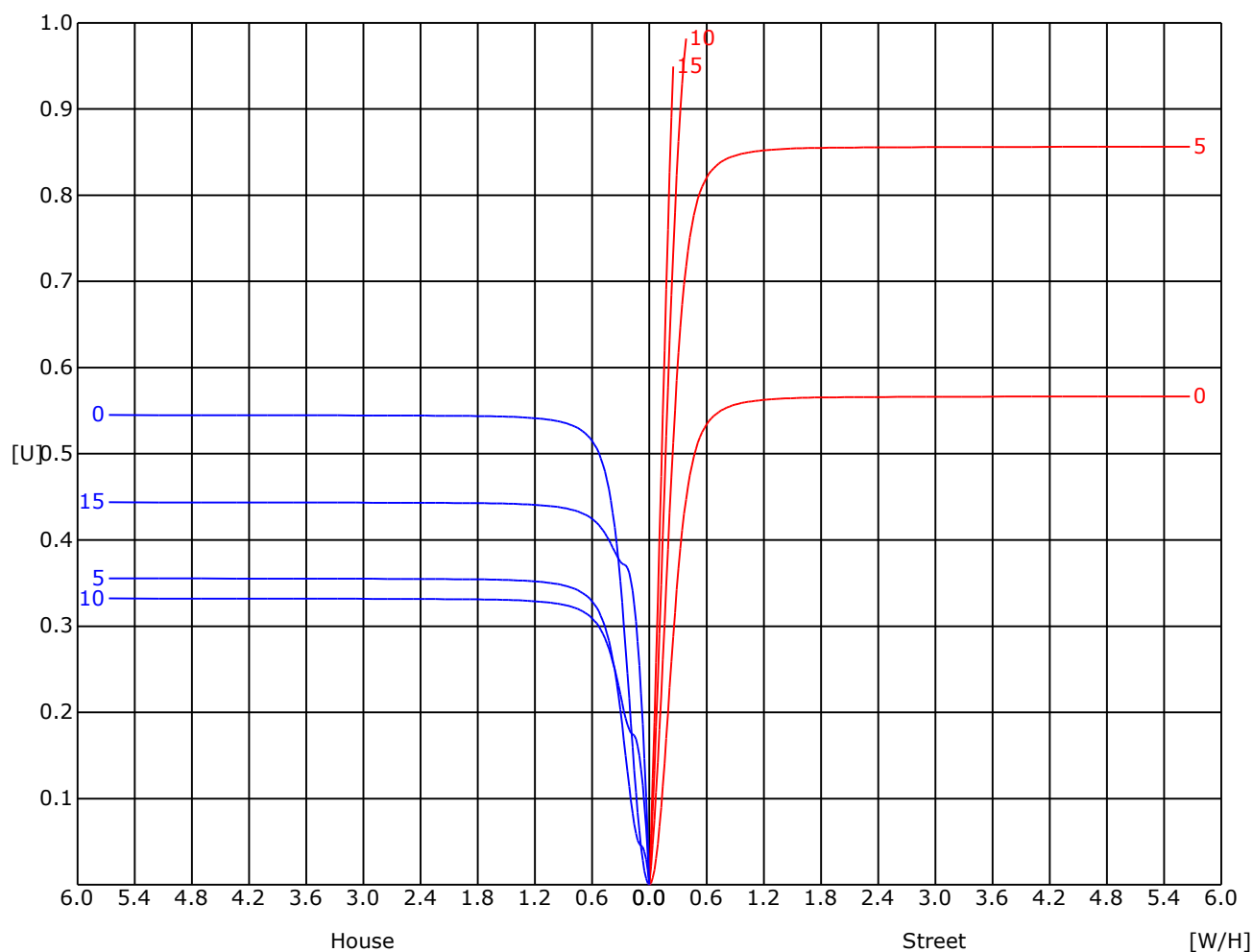
Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

## UTILIZATION FACTOR DIAGRAM (ROAD)



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

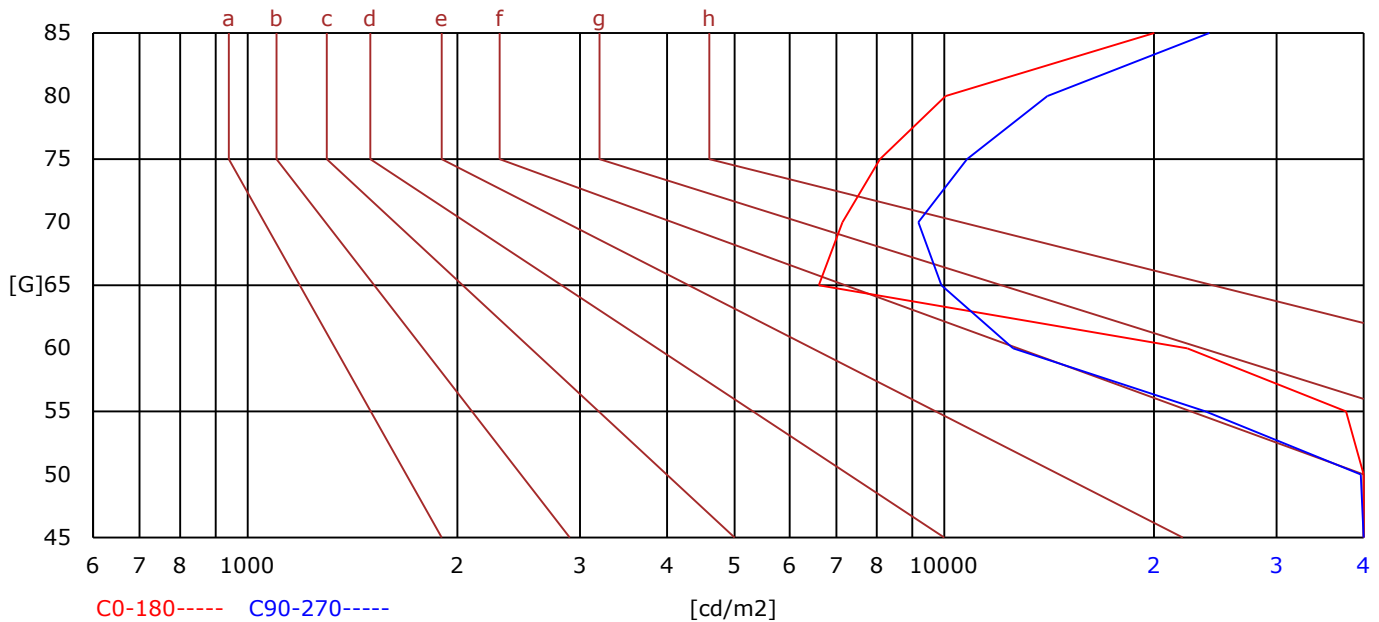
Test Distance: 8.86 m

Remarks:



## BRIGHT LIMIT DIAGRAM

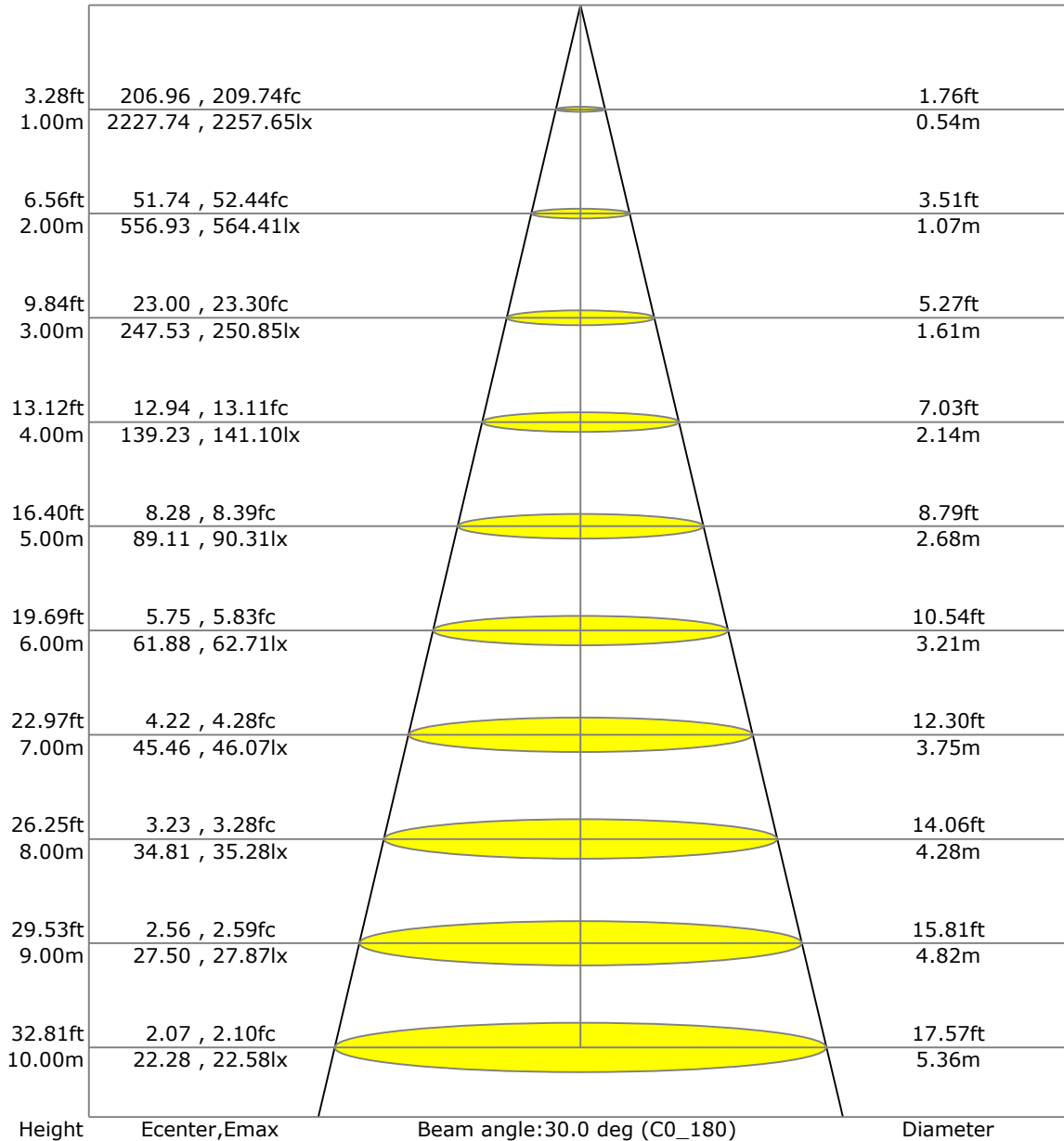
C/G	45	50	55	60	65	70	75	80	85
C0	89306	51563	37712	22329	6604	7141	8088	10046	20015
C90	55754	39622	23722	12560	9906	9181	10784	14064	24018
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
---	---	a	b	c	d	e	f	g	h



Report No.:

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## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-20 11:49:19

## UGR(Unified Glare Rating) TABLE

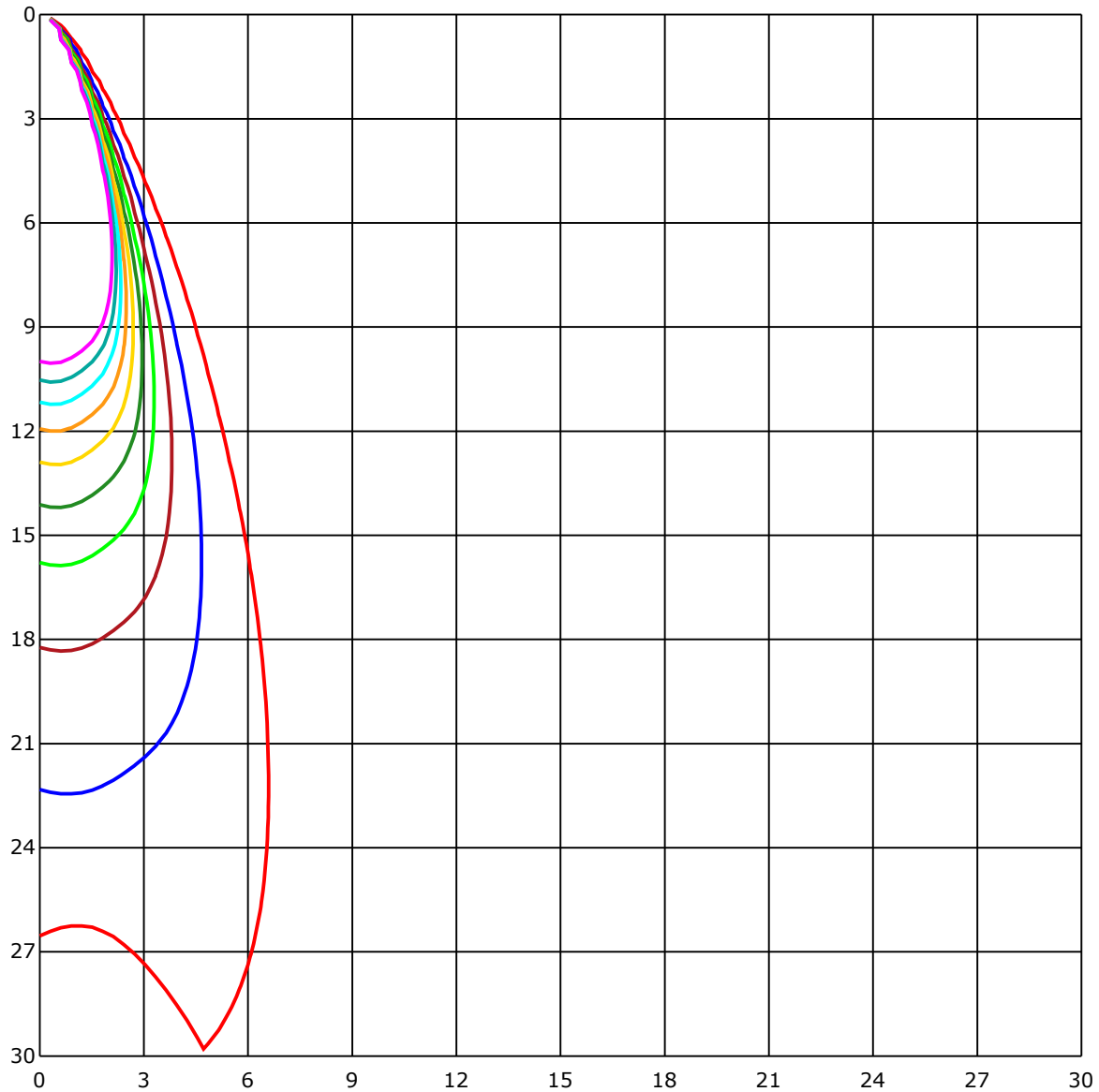
RHOCC	70	70	50	50	30	70	70	50	50	30
RHOW	50	30	50	30	30	50	30	50	30	30
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewed Endwise					Viewed Crosswise				
2H 2H	22.91	22.97	23.11	23.15	23.40	21.20	21.25	21.40	21.44	21.68
3H	22.89	22.95	23.10	23.14	23.39	21.18	21.23	21.38	21.43	21.67
4H	22.88	22.94	23.09	23.13	23.38	21.17	21.22	21.38	21.42	21.67
6H	22.87	22.93	23.08	23.13	23.38	21.15	21.21	21.37	21.41	21.66
8H	22.86	22.92	23.08	23.12	23.37	21.14	21.20	21.36	21.41	21.66
12H	22.85	22.91	23.07	23.12	23.37	21.14	21.20	21.36	21.40	21.66
4H 2H	22.90	22.95	23.11	23.15	23.40	21.22	21.27	21.43	21.47	21.72
3H	22.87	22.93	23.10	23.14	23.39	21.20	21.26	21.42	21.47	21.72
4H	22.86	22.92	23.09	23.13	23.39	21.19	21.25	21.42	21.46	21.72
6H	22.84	22.90	23.08	23.12	23.39	21.17	21.23	21.41	21.45	21.72
8H	22.83	22.89	23.08	23.12	23.38	21.16	21.22	21.40	21.45	21.71
12H	22.82	22.88	23.07	23.11	23.38	21.15	21.21	21.40	21.44	21.71
8H 4H	22.90	22.95	23.11	23.16	23.41	21.24	21.29	21.46	21.50	21.75
6H	22.85	22.91	23.11	23.15	23.42	21.25	21.30	21.50	21.54	21.82
8H	22.85	22.90	23.11	23.15	23.43	21.24	21.30	21.51	21.54	21.82
12H	22.84	22.89	23.11	23.15	23.43	21.23	21.29	21.50	21.54	21.82
12H 4H	22.88	22.94	23.13	23.17	23.44	21.28	21.34	21.53	21.57	21.84
6H	22.87	22.93	23.14	23.18	23.45	21.30	21.36	21.57	21.61	21.88

C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 30  
Operators:  
Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 72  
Test Distance: 8.86 m  
Remarks:

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 72  
Test Distance: 8.86 m  
Remarks:

## SPACE ISOLX DIAGRAM



Unit of illumination:lx

22.346

20.111

17.876

15.642

13.407

11.173

8.938

6.704

4.469

2.235

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G0	2227.74	2099.79	2065.25	2103.4	2179.93	2182.52	2227.74	2099.79	2065.25	2103.4
G1	2247.05	2131.58	2089.74	2088.56	2161.8	2144.77	2202.15	2055.9	2029.69	2107.4
G2	2257.65	2152.07	2103.4	2064.23	2132.99	2098.14	2169.34	1998.6	1981.72	2101.83
G3	2257.49	2163.53	2106.07	2031.1	2095.55	2040.52	2128.67	1927.09	1921.75	2086.76
G4	2244.77	2167.61	2099.71	1986.9	2047.74	1967.28	2077.26	1841.37	1849.14	2062.03
G5	2219.89	2164.31	2084.4	1932.66	1988.24	1879.36	2011.55	1743.08	1763.26	2028.27
G6	2187.39	2152.15	2061.48	1866.17	1915.55	1778.8	1930.23	1635.07	1668.9	1983.69
G7	2149.32	2131.03	2031.18	1784.69	1830.61	1665.45	1835.4	1517.71	1563.48	1926.22
G8	2107.64	2101.67	1990.12	1690.8	1730.13	1543.3	1725.58	1392.82	1449.73	1855.81
G9	2060.07	2063.6	1938.86	1583.65	1619.76	1413.86	1607.91	1260.39	1330.33	1769.7
G10	2002.05	2018.07	1873.86	1468.1	1497.62	1278.76	1480.19	1128.82	1205.36	1674.0
G11	1926.69	1962.49	1795.21	1344.86	1370.76	1142.8	1346.66	996.0	1074.58	1567.56
G12	1834.69	1896.79	1701.09	1220.9	1239.12	1008.01	1208.66	864.83	947.96	1449.65
G13	1726.21	1814.36	1595.35	1093.11	1109.51	874.8	1071.28	745.2	824.48	1330.8
G14	1602.81	1718.91	1474.93	971.59	978.5	752.18	933.12	632.71	708.93	1203.71
G15	1467.47	1608.54	1351.29	853.92	855.88	639.22	804.15	531.36	599.89	1076.23
G16	1326.57	1482.78	1226.01	737.97	741.82	534.11	686.64	440.23	501.85	947.73
G17	1183.46	1351.06	1099.78	631.92	633.41	441.72	577.76	358.9	412.67	822.52
G18	1048.05	1216.19	976.22	534.19	534.74	360.71	480.34	291.31	337.78	704.93
G19	915.54	1084.39	860.98	447.76	447.6	293.35	395.4	237.78	272.71	596.68
G20	789.16	955.26	746.69	372.72	368.79	238.95	318.79	195.07	223.33	498.47
G21	674.39	834.14	643.07	308.97	303.71	196.25	259.76	160.53	183.06	410.71
G22	569.04	722.43	547.77	257.01	250.26	162.18	212.81	133.68	150.48	338.88
G23	473.27	618.11	463.38	213.91	207.24	134.47	175.53	111.47	123.64	279.22
G24	394.54	526.03	389.36	179.06	172.07	112.25	145.93	92.94	102.21	229.45
G25	328.44	441.4	326.79	148.99	143.58	93.26	122.15	78.11	84.78	190.6
G26	273.73	370.05	273.34	124.03	119.4	78.03	102.13	66.1	70.73	157.94
G27	228.04	309.68	230.08	103.15	99.93	65.86	86.04	56.52	59.42	131.57
G28	189.73	257.24	193.82	84.94	83.6	55.58	72.61	48.75	50.48	109.35
G29	156.76	214.3	162.18	70.26	70.41	47.49	61.7	42.63	43.33	90.98
G30	129.45	177.88	135.18	58.72	59.58	40.98	52.91	37.52	37.84	75.99
G31	106.29	146.95	112.49	49.3	51.02	35.72	45.92	33.21	33.21	63.98
G32	87.06	120.81	92.94	42.08	44.04	31.32	40.19	29.59	29.12	54.48
G33	71.83	98.99	77.09	36.35	38.46	27.55	35.48	26.22	25.98	46.47
G34	59.97	81.17	64.29	31.79	33.83	24.33	31.32	23.55	22.92	40.43
G35	50.48	67.27	54.56	27.71	29.99	21.51	27.79	20.96	20.25	35.48
G36	43.17	56.52	46.79	24.41	26.45	19.08	24.73	18.53	17.74	31.09

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:



Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G37	37.37	47.88	40.58	21.43	23.63	16.64	21.98	16.41	15.46	27.4
G38	32.26	41.45	35.56	18.68	20.65	14.37	19.31	14.29	13.27	24.18
G39	27.71	35.95	31.16	16.01	18.05	12.25	16.96	12.25	11.23	21.43
G40	23.86	31.32	27.32	13.5	15.7	10.6	14.76	10.91	9.66	18.84
G41	20.25	27.16	23.86	11.38	13.66	9.5	12.87	9.81	8.48	16.33
G42	16.96	23.55	20.57	9.66	12.01	8.48	11.38	9.18	7.46	14.37
G43	14.21	20.02	17.66	8.48	10.75	7.61	10.2	8.4	6.91	12.01
G44	11.7	16.8	14.84	7.38	9.66	7.22	9.5	7.54	6.12	10.2
G45	9.97	14.21	12.64	6.91	8.87	6.52	8.56	7.14	5.42	9.34
G46	9.11	11.77	10.91	6.12	8.24	6.12	7.93	6.28	4.95	7.93
G47	8.09	9.97	9.66	5.49	7.46	5.42	7.3	5.81	4.63	7.3
G48	7.38	9.11	8.63	5.1	7.06	4.95	7.06	5.18	4.0	6.59
G49	7.06	8.16	7.85	4.87	6.28	4.63	6.2	4.87	3.77	6.04
G50	6.36	7.46	7.3	4.4	5.73	3.92	5.57	4.16	3.14	5.34
G51	5.89	7.06	6.83	3.92	5.18	3.53	5.02	3.77	2.75	4.95
G52	5.26	6.36	6.12	3.69	4.87	2.98	4.63	3.14	2.51	4.55
G53	4.95	5.89	5.65	3.14	4.16	2.59	4.0	2.67	2.12	4.0
G54	4.32	5.26	5.18	2.83	3.77	2.28	3.53	2.51	1.57	3.69
G55	3.77	4.87	4.95	2.59	3.06	1.81	2.98	2.12	1.49	3.14
G56	3.22	4.4	4.4	2.2	2.59	1.41	2.59	1.57	1.1	2.83
G57	2.75	3.77	3.85	1.65	2.43	1.1	2.35	1.41	0.78	2.59
G58	2.51	3.22	3.45	1.41	2.04	0.71	1.88	1.26	0.63	2.28
G59	1.96	2.75	2.9	0.94	1.49	0.63	1.41	1.18	0.63	1.88
G60	1.41	2.51	2.59	0.71	1.41	0.63	1.41	1.1	0.55	1.49
G61	1.02	2.12	2.28	0.63	1.33	0.63	1.26	1.02	0.55	1.41
G62	0.63	1.49	1.73	0.55	1.18	0.55	1.18	0.94	0.47	1.18
G63	0.63	1.26	1.49	0.55	1.1	0.55	1.1	0.86	0.47	1.1
G64	0.55	0.78	1.33	0.55	0.94	0.47	1.02	0.86	0.47	1.02
G65	0.55	0.63	1.33	0.47	0.94	0.47	0.94	0.78	0.47	0.94
G66	0.55	0.63	1.18	0.47	0.86	0.47	0.86	0.78	0.47	0.86
G67	0.47	0.55	1.1	0.47	0.86	0.47	0.86	0.78	0.47	0.86
G68	0.47	0.55	1.02	0.47	0.78	0.47	0.86	0.71	0.39	0.78
G69	0.47	0.55	0.94	0.39	0.78	0.47	0.78	0.71	0.39	0.78
G70	0.47	0.55	0.86	0.39	0.71	0.39	0.78	0.71	0.39	0.78
G71	0.47	0.47	0.86	0.39	0.71	0.39	0.78	0.63	0.39	0.71
G72	0.47	0.47	0.78	0.39	0.71	0.39	0.71	0.63	0.39	0.71
G73	0.47	0.47	0.78	0.39	0.71	0.39	0.71	0.63	0.39	0.71

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

[illegible]

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 72  
Test Distance: 8.86 m  
Remarks:





Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C300	C330	C360							
G0	2179.93	2182.52	2227.74							
G1	2188.49	2211.26	2247.05							
G2	2188.26	2232.76	2257.65							
G3	2180.25	2245.72	2257.49							
G4	2165.02	2249.56	2244.77							
G5	2142.02	2243.28	2219.89							
G6	2111.33	2226.25	2187.39							
G7	2069.25	2199.4	2149.32							
G8	2014.93	2165.1	2107.64							
G9	1946.95	2123.89	2060.07							
G10	1863.35	2077.73	2002.05							
G11	1762.0	2023.72	1926.69							
G12	1650.3	1954.72	1834.69							
G13	1527.6	1872.77	1726.21							
G14	1398.63	1770.4	1602.81							
G15	1264.16	1651.79	1467.47							
G16	1128.75	1522.89	1326.57							
G17	993.26	1381.83	1183.46							
G18	865.14	1242.65	1048.05							
G19	741.27	1105.82	915.54							
G20	624.94	970.88	789.16							
G21	522.34	840.42	674.39							
G22	433.08	721.8	569.04							
G23	354.66	611.2	473.27							
G24	292.73	509.93	394.54							
G25	241.23	426.02	328.44							
G26	200.02	353.41	273.73							
G27	165.56	293.9	228.04							
G28	137.3	243.98	189.73							
G29	113.2	198.92	156.76							
G30	93.96	168.77	129.45							
G31	77.64	139.73	106.29							
G32	64.68	115.79	87.06							
G33	54.56	95.46	71.83							
G34	46.47	79.44	59.97							
G35	40.03	66.57	50.48							
G36	34.62	56.21	43.17							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:



Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C300	C330	C360							
G37	30.38	48.43	37.37							
G38	26.3	41.68	32.26							
G39	23.0	36.5	27.71							
G40	20.02	31.87	23.86							
G41	17.11	27.63	20.25							
G42	14.6	27.95	16.96							
G43	12.32	20.49	14.21							
G44	10.6	17.35	11.7							
G45	9.5	14.52	9.97							
G46	8.24	12.48	9.11							
G47	7.3	10.99	8.09							
G48	6.99	9.89	7.38							
G49	6.12	9.58	7.06							
G50	5.49	8.48	6.36							
G51	4.95	7.85	5.89							
G52	4.63	7.22	5.26							
G53	3.92	6.36	4.95							
G54	3.45	5.89	4.32							
G55	2.9	5.18	3.77							
G56	2.51	4.87	3.22							
G57	2.12	4.16	2.75							
G58	1.57	3.77	2.51							
G59	1.41	3.06	1.96							
G60	1.02	2.59	1.41							
G61	0.71	2.35	1.02							
G62	0.63	1.81	0.63							
G63	0.55	1.41	0.63							
G64	0.55	1.41	0.55							
G65	0.47	1.26	0.55							
G66	0.47	1.18	0.55							
G67	0.47	1.1	0.47							
G68	0.47	1.02	0.47							
G69	0.39	0.94	0.47							
G70	0.39	0.86	0.47							
G71	0.39	0.86	0.47							
G72	0.39	0.78	0.47							
G73	0.39	0.78	0.47							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-20 11:49:19

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 5)

[illegible]

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 30

Operators:

Test Date: 2022-06-20 11:49:19

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 72

Test Distance: 8.86 m

Remarks: