

Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: rayhil  
Luminaire Type: Que14-3-30-24-BK  
Lamp Type:  
Luminous Width: 15 mm  
Luminous Length: 15 mm  
Luminous Height: 15 mm

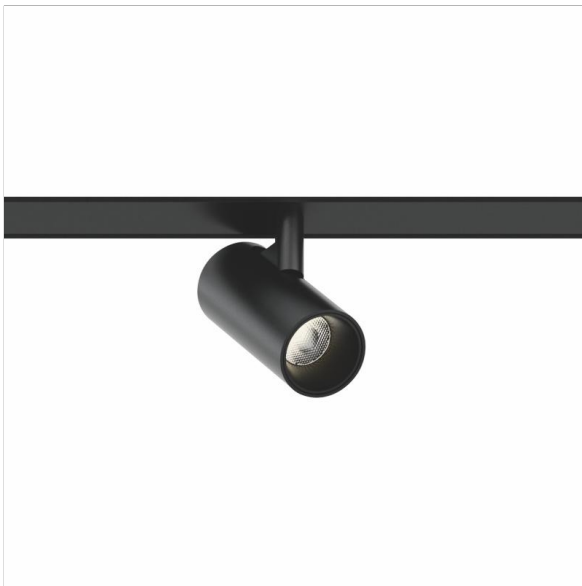
Voltage(V): 48.00 V  
Current(A): 0.0850 A  
Power(W): 4.08 W  
Power Factor: 1.0000  
Lamp Luminous Flux: 206.72

### Photometric Results

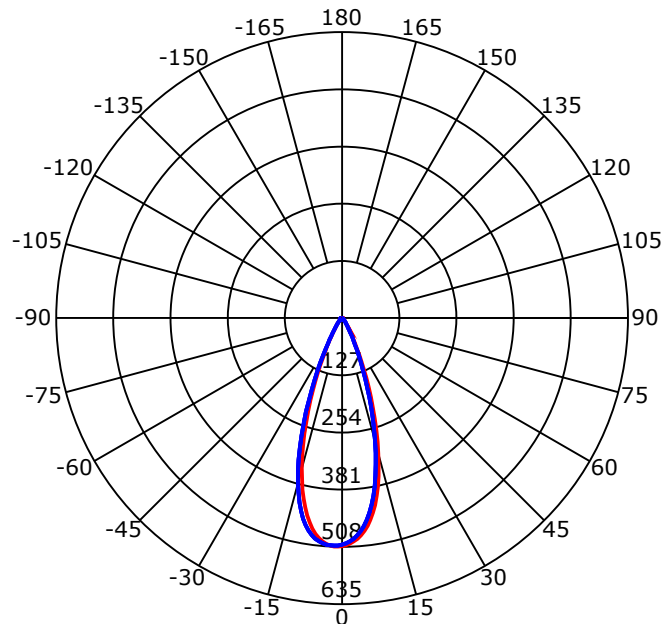
CIE Class: Direct  
Luminaire Luminous Flux: 206.7151 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 50.67 lm/W  
Beam Angle(50%) C0-180,C90-270: 35.9,36.1  
Field Angle(10%) C0-180,C90-270: 58.3,58.2  
S/MH C0-180,C90-270: 0.611,0.611

Max. Intensity: 508.36 cd  
Max.Intensity Angle: C=330 Gamma=1  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 506.87 cd  
Effective Luminous Flux: 179.45 lm  
ERP( $\phi$ use)(120deg): 204.65 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 35.9 deg,36.1 deg

C0-180 — C90-270 —

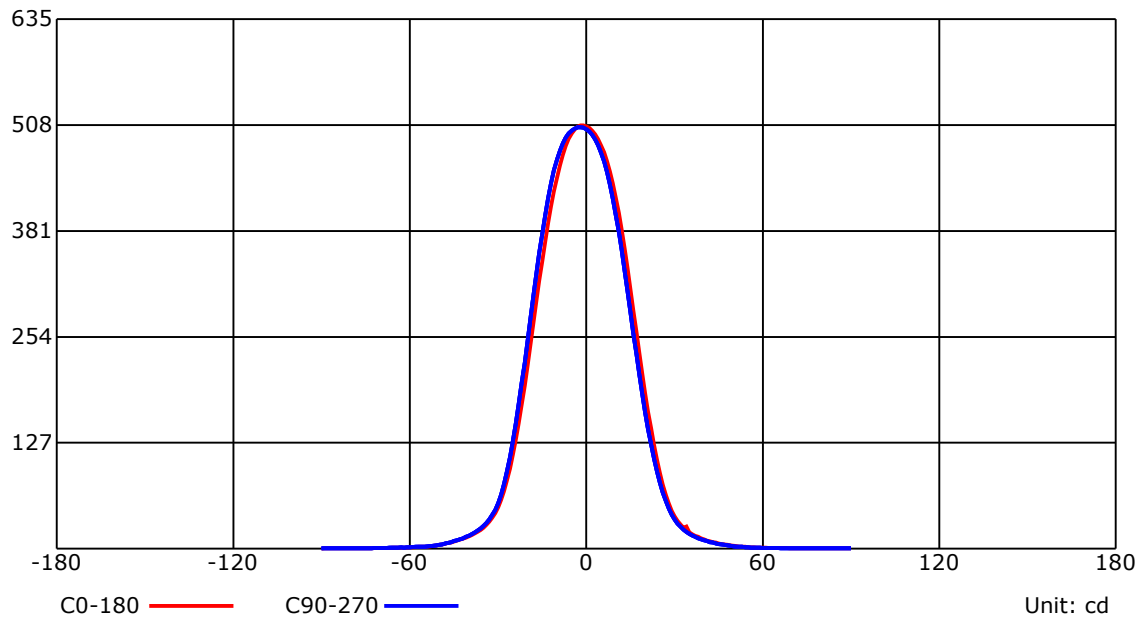
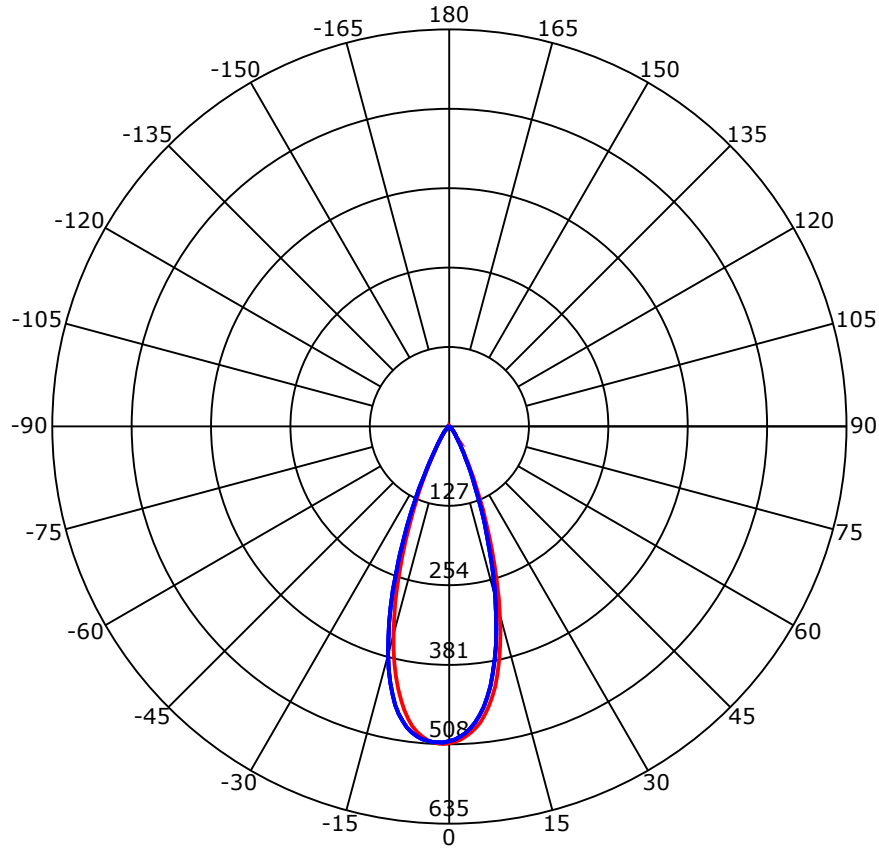
C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks:

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## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

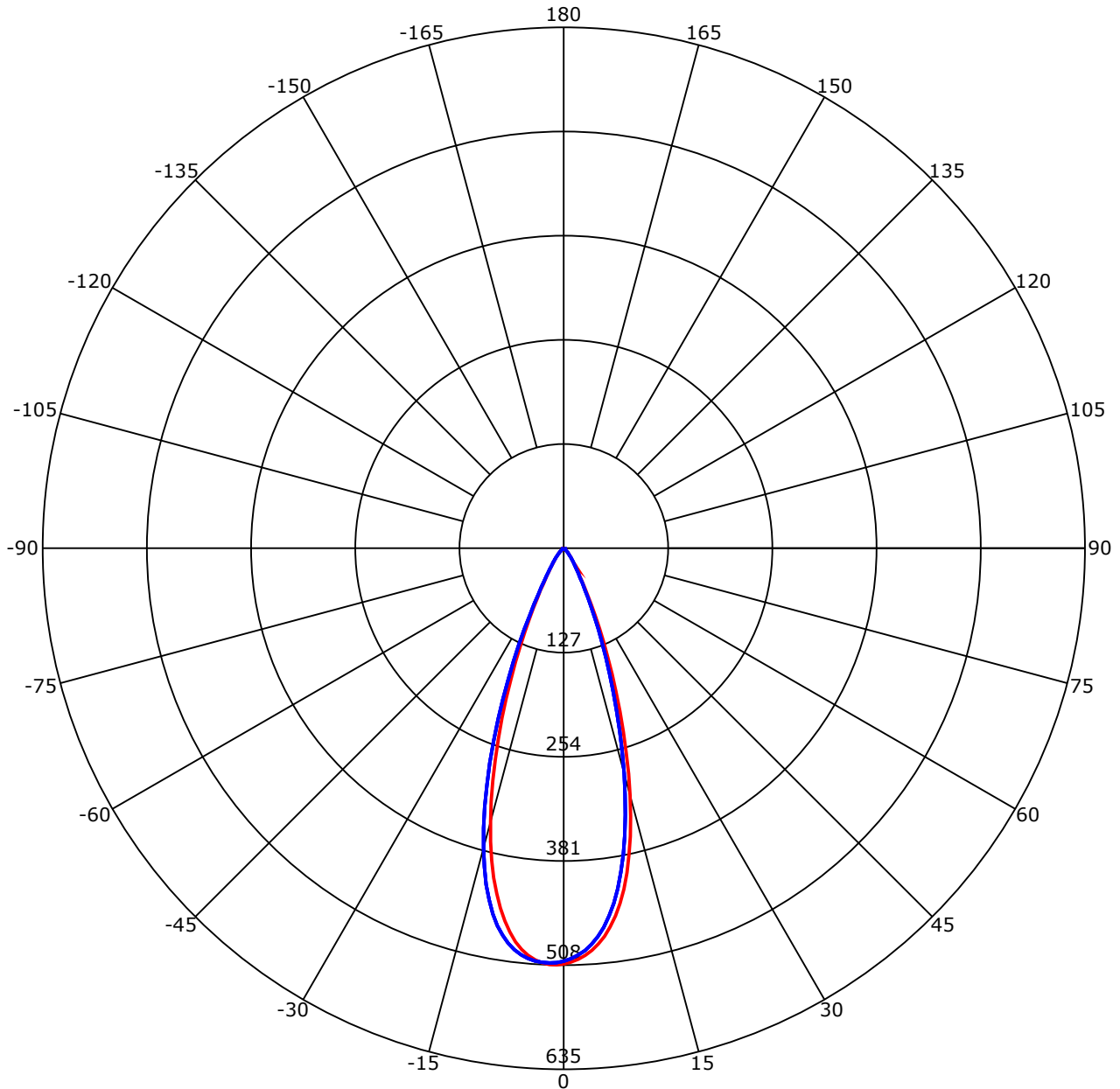
Test Distance: 8.86 m

Remarks:

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## 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: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:

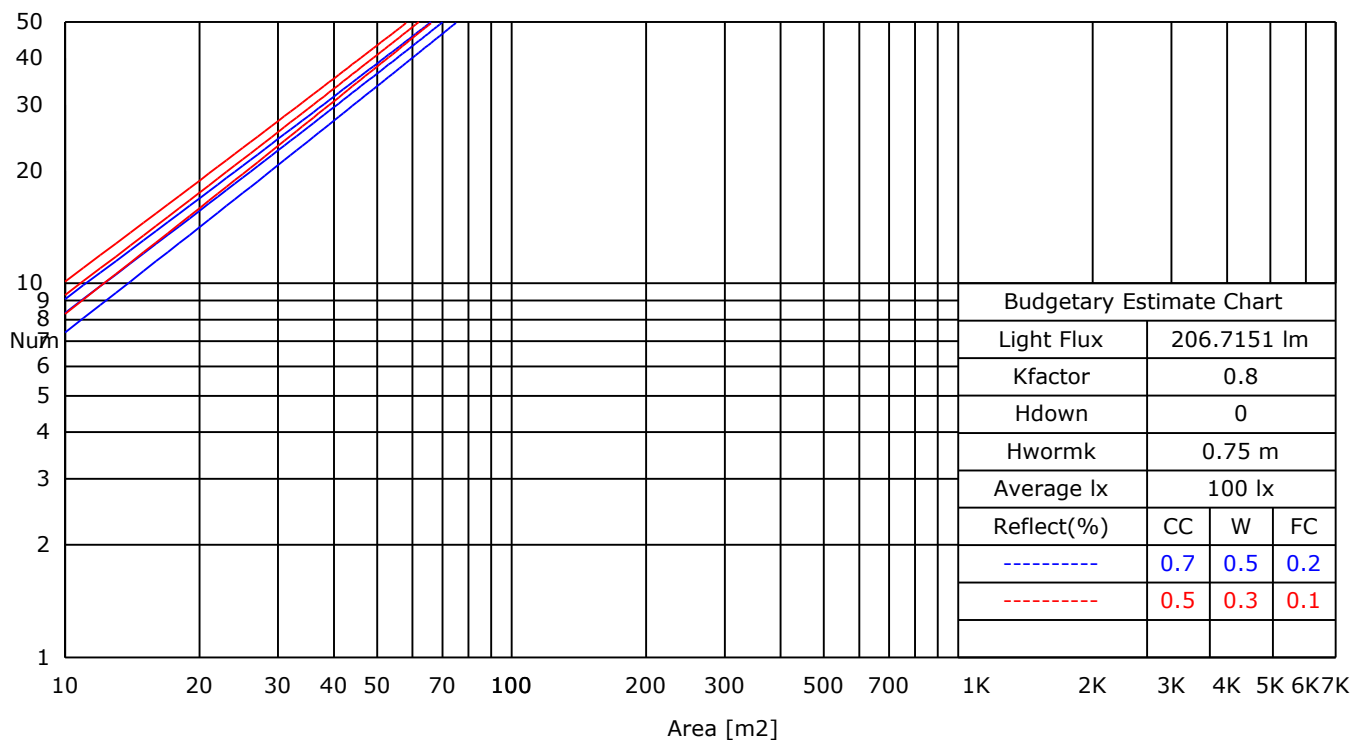
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## UTILIZATION FACTORS TABLE

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	0.97	0.94	0.92	0.96	0.93	0.91	0.93	0.90	0.87	0.89	0.85	0.82	0.83	0.80	0.77	0.71
2	0.93	0.91	0.89	0.92	0.90	0.88	0.90	0.86	0.84	0.86	0.83	0.80	0.81	0.77	0.74	0.70
3	0.90	0.88	0.87	0.89	0.87	0.85	0.87	0.84	0.81	0.84	0.80	0.77	0.79	0.76	0.72	0.68
4	0.88	0.86	0.84	0.87	0.84	0.83	0.84	0.81	0.79	0.81	0.78	0.75	0.78	0.74	0.70	0.66
5	0.85	0.84	0.83	0.84	0.82	0.81	0.82	0.79	0.77	0.80	0.76	0.73	0.76	0.72	0.69	0.65
6	0.83	0.82	0.81	0.82	0.80	0.79	0.80	0.77	0.75	0.78	0.74	0.71	0.75	0.70	0.67	0.63
7	0.81	0.80	0.79	0.81	0.79	0.77	0.78	0.76	0.74	0.76	0.72	0.70	0.73	0.69	0.66	0.62
8	0.80	0.78	0.78	0.79	0.77	0.76	0.77	0.74	0.72	0.74	0.71	0.68	0.72	0.68	0.64	0.61
9	0.78	0.77	0.76	0.77	0.75	0.74	0.75	0.73	0.71	0.73	0.69	0.67	0.70	0.66	0.63	0.60
10	0.77	0.76	0.75	0.76	0.74	0.73	0.74	0.71	0.69	0.72	0.68	0.66	0.69	0.65	0.62	0.59

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

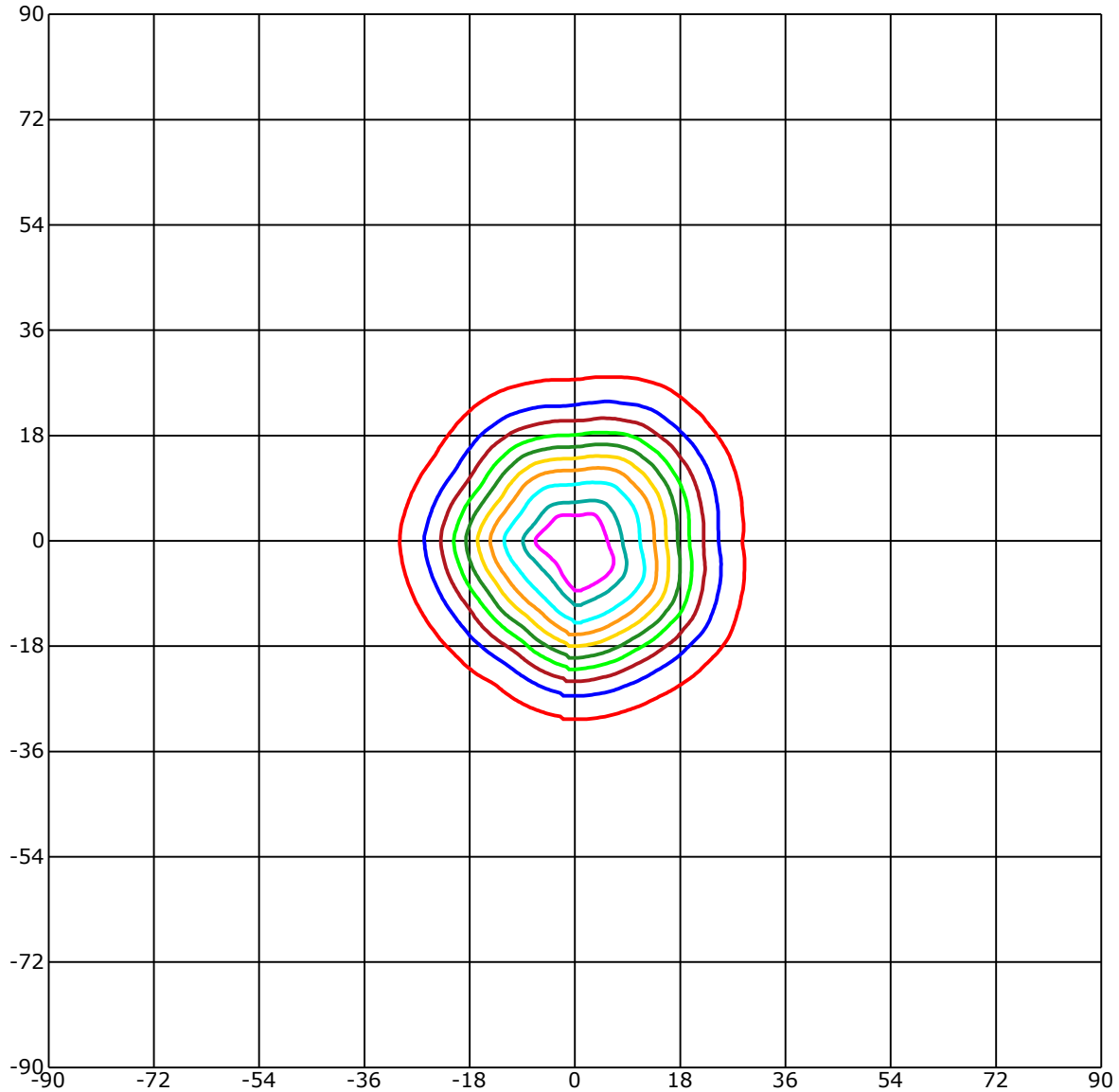
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:01:21

## ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd    I<sub>max</sub>(100%): 508.363 cd

482.945(95%I <sub>max</sub> )	254.182(50%I <sub>max</sub> )
457.527(90%I <sub>max</sub> )	203.345(40%I <sub>max</sub> )
406.691(80%I <sub>max</sub> )	152.509(30%I <sub>max</sub> )
355.854(70%I <sub>max</sub> )	101.673(20%I <sub>max</sub> )
305.018(60%I <sub>max</sub> )	50.836(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

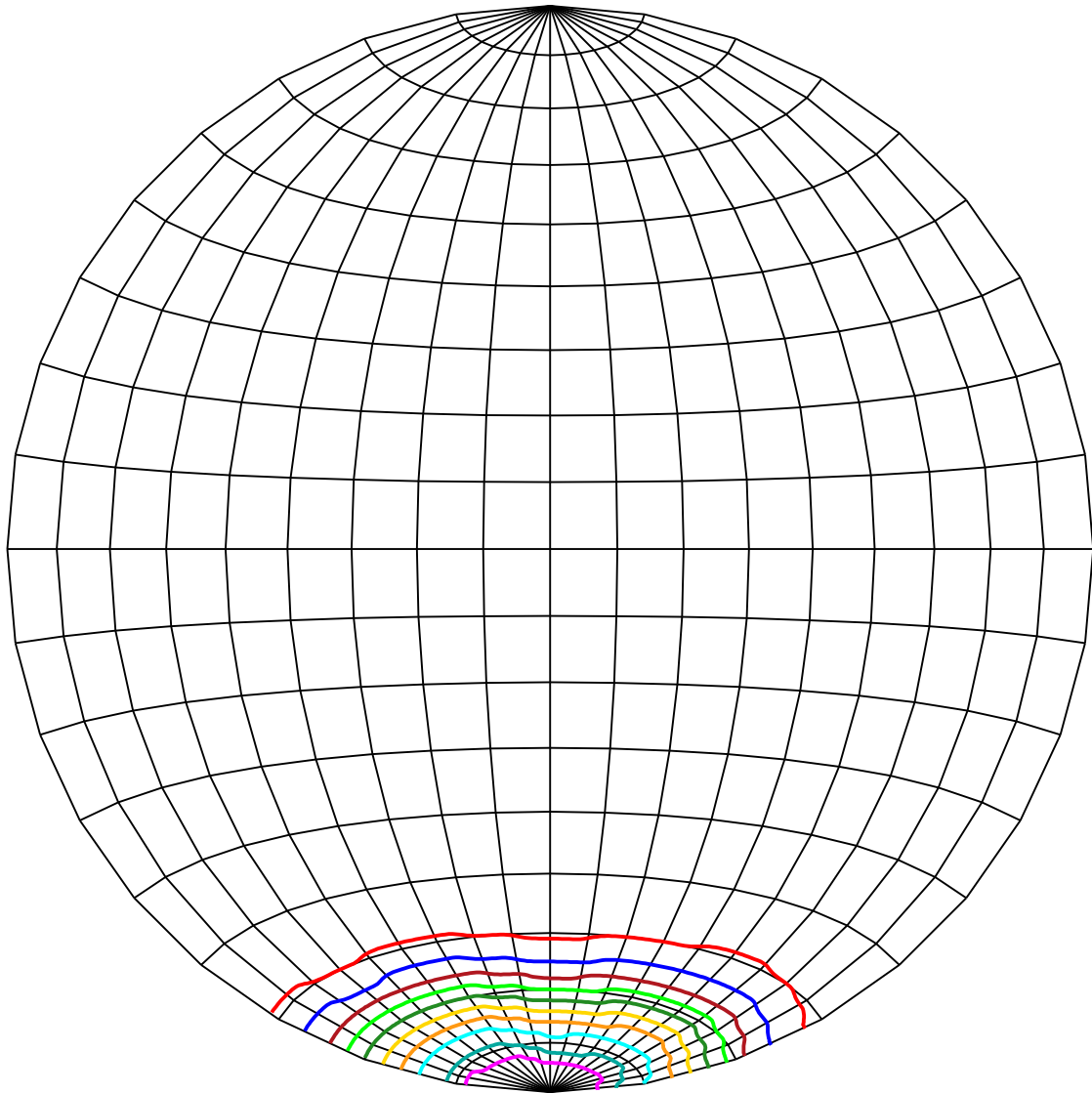
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:01:21

## ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd    I<sub>max</sub>(100%): 508.363 cd

482.945(95%I <sub>max</sub> )	254.182(50%I <sub>max</sub> )
457.527(90%I <sub>max</sub> )	203.345(40%I <sub>max</sub> )
406.691(80%I <sub>max</sub> )	152.509(30%I <sub>max</sub> )
355.854(70%I <sub>max</sub> )	101.673(20%I <sub>max</sub> )
305.018(60%I <sub>max</sub> )	50.836(10%I <sub>max</sub> )

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

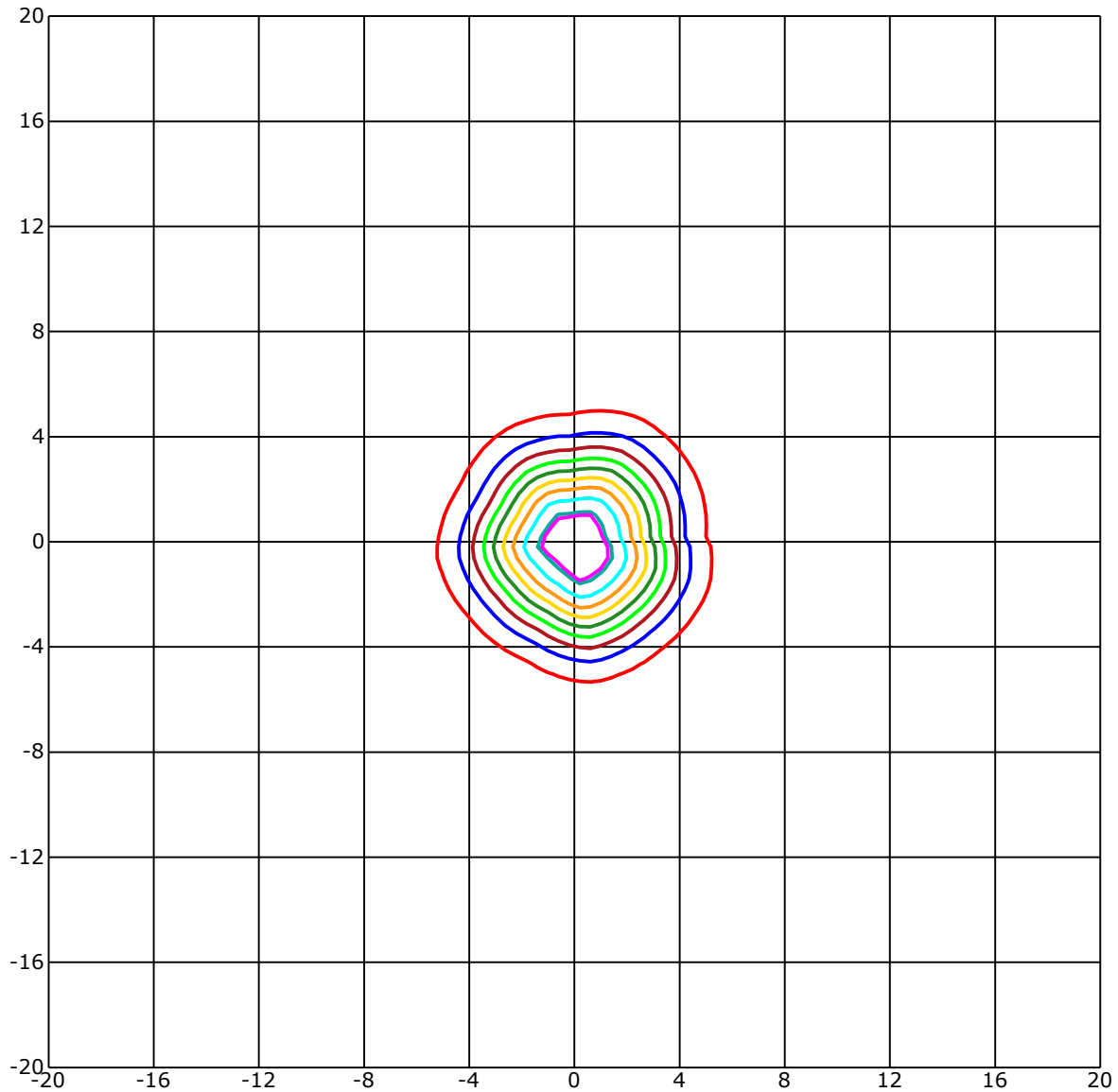
Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:01:21

## ISOLX DIAGRAM



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

4.675(1%Emax)	2.541(0%Emax)
4.573(1%Emax)	2.033(0%Emax)
4.065(1%Emax)	1.524(0%Emax)
3.557(1%Emax)	1.016(0%Emax)
3.049(1%Emax)	0.508(0%Emax)

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

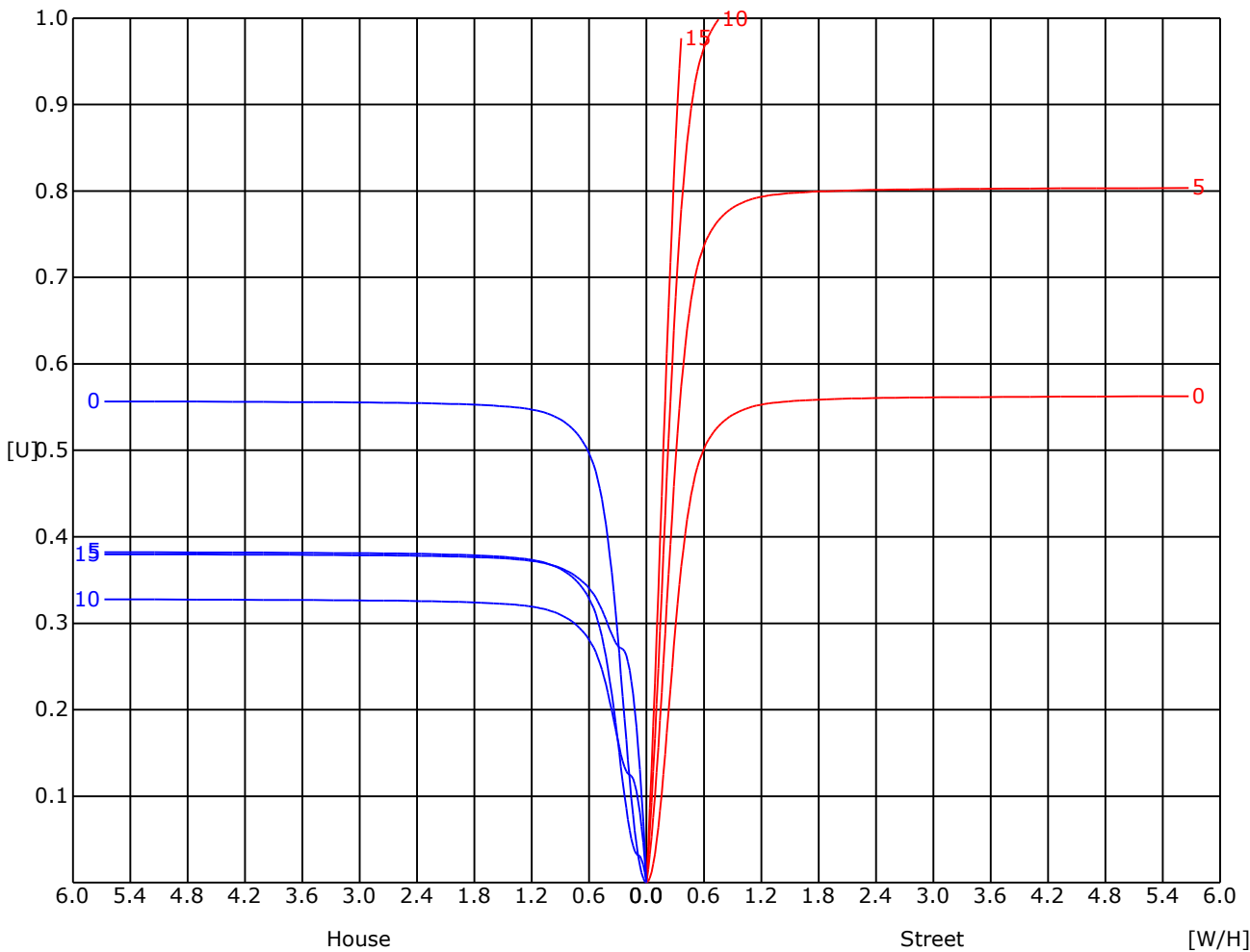
Humidity: 1

Test Distance: 8.86 m

Remarks:



UTILIZATION FACTOR DIAGRAM (ROAD)



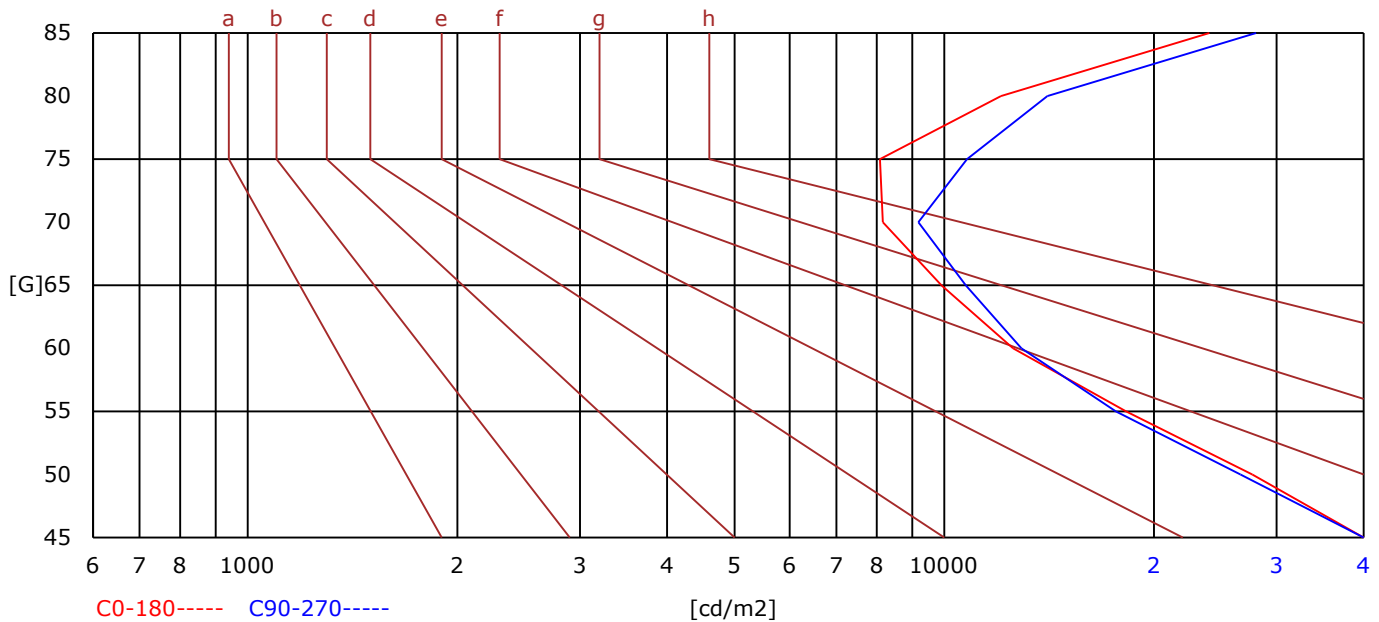


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## BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	46380	27681	18248	12560	9906	8161	8088	12055	24018
C90	45393	26596	17640	12909	10732	9181	10784	14064	28021
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: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

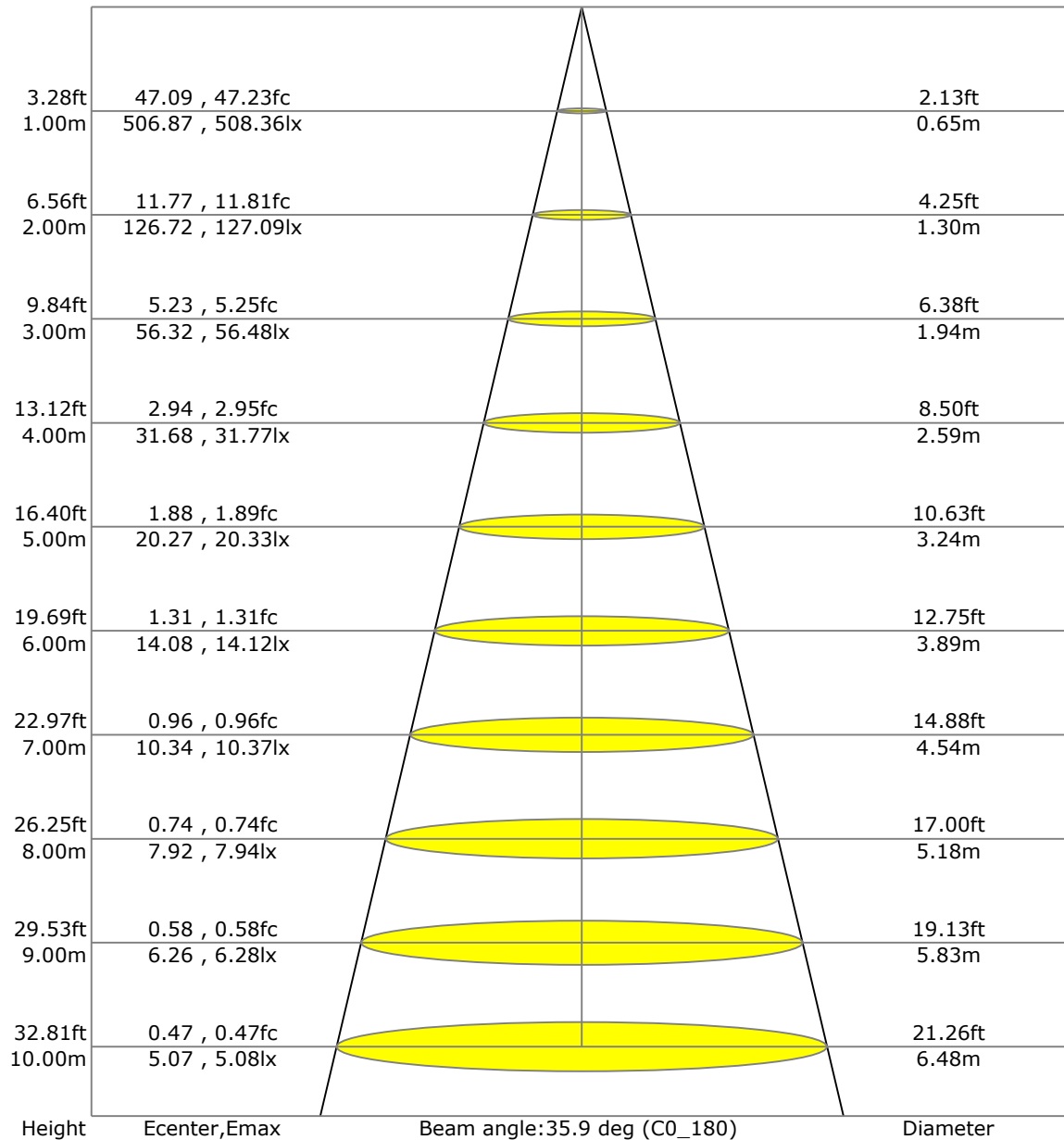
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks:



Report No.:

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## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 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	22.48	22.53	22.68	22.72	22.97	22.72	22.77	22.92	22.96	23.20
3H	22.48	22.53	22.68	22.72	22.97	22.71	22.76	22.92	22.95	23.20
4H	22.47	22.52	22.68	22.72	22.96	22.70	22.75	22.91	22.95	23.20
6H	22.45	22.51	22.67	22.71	22.96	22.68	22.74	22.90	22.94	23.19
8H	22.45	22.50	22.66	22.70	22.96	22.68	22.73	22.89	22.93	23.19
12H	22.44	22.49	22.66	22.70	22.95	22.67	22.72	22.89	22.93	23.18
4H 2H	22.64	22.70	22.85	22.89	23.14	22.92	22.97	23.13	23.17	23.42
3H	22.67	22.72	22.89	22.93	23.18	22.95	23.00	23.17	23.21	23.46
4H	22.68	22.73	22.91	22.95	23.20	22.95	23.00	23.18	23.22	23.48
6H	22.69	22.74	22.92	22.96	23.22	22.95	23.00	23.18	23.22	23.48
8H	22.68	22.74	22.93	22.96	23.23	22.94	22.99	23.18	23.22	23.49
12H	22.68	22.73	22.93	22.96	23.23	22.93	22.98	23.18	23.22	23.48
8H 4H	22.85	22.90	23.06	23.10	23.36	23.12	23.17	23.34	23.38	23.63
6H	23.10	23.15	23.35	23.39	23.66	23.45	23.50	23.70	23.73	24.01
8H	23.15	23.20	23.41	23.44	23.72	23.48	23.53	23.74	23.77	24.05
12H	23.18	23.23	23.45	23.49	23.77	23.50	23.55	23.77	23.80	24.08
12H 4H	23.28	23.33	23.52	23.56	23.83	23.59	23.64	23.84	23.87	24.14
6H	23.44	23.49	23.70	23.73	24.01	23.78	23.83	24.04	24.07	24.35

C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks:

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## ZONAL LUMINOUS FLUX TABLE

[illegible]

C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

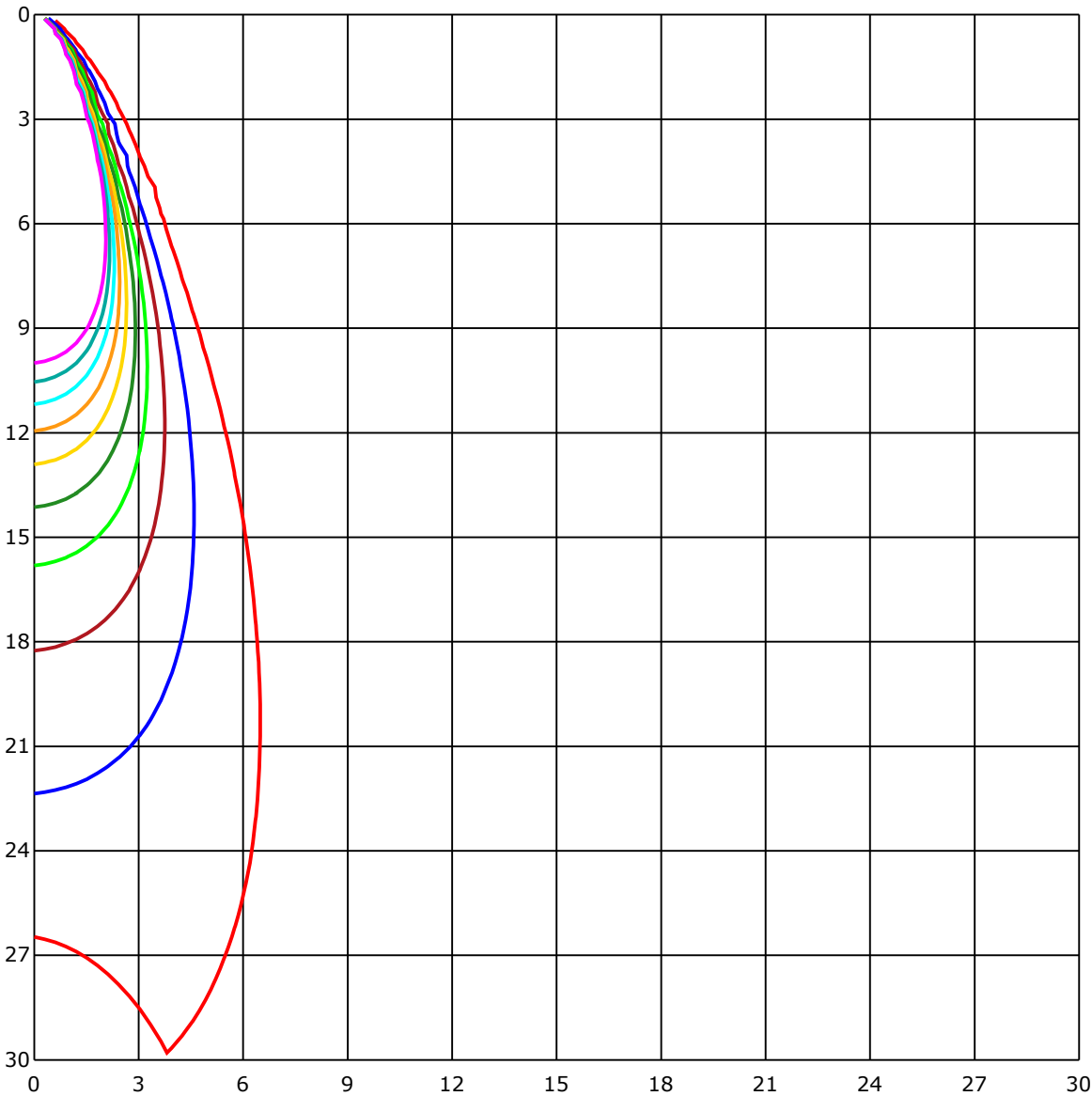
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks:



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SPACE ISOLX DIAGRAM



Unit of illumination:lx

- |       |       |
|-------|-------|
| 5.072 | 2.536 |
| 4.565 | 2.029 |
| 4.058 | 1.522 |
| 3.55  | 1.014 |
| 3.043 | 0.507 |

C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks:



Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G0	506.87	500.51	502.4	503.57	507.81	507.89	506.87	500.51	502.4	503.57
G1	504.75	499.73	502.32	500.67	506.48	506.4	507.97	499.73	501.22	505.3
G2	501.61	497.77	500.91	496.51	503.97	503.26	507.81	497.45	499.02	505.85
G3	497.14	494.7	498.39	491.25	500.04	498.71	506.32	493.76	495.41	505.54
G4	491.49	490.15	494.78	484.19	494.86	492.19	503.03	488.42	490.31	504.28
G5	484.34	484.26	489.84	475.32	487.72	483.64	498.32	481.05	483.32	502.0
G6	475.71	476.96	483.09	464.64	478.69	473.12	491.96	471.94	474.61	498.39
G7	465.11	468.01	474.69	451.77	467.7	460.4	483.56	460.71	463.93	493.29
G8	452.79	457.57	464.4	437.09	449.96	445.49	472.72	447.45	451.06	486.54
G9	438.5	445.17	452.16	420.13	438.97	428.45	460.01	432.22	436.3	477.67
G10	422.09	430.96	437.71	400.98	421.23	409.53	445.33	415.34	419.58	467.15
G11	402.94	414.87	421.39	380.02	401.53	388.81	428.92	396.5	400.03	454.12
G12	382.37	396.74	402.86	357.64	380.02	366.59	410.63	375.31	379.31	438.34
G13	360.31	376.8	382.84	333.39	357.25	342.57	390.69	353.33	356.62	420.76
G14	336.92	355.6	360.71	308.82	332.6	317.92	368.56	329.46	332.6	400.35
G15	311.8	333.07	337.86	283.93	307.64	292.73	345.4	304.66	306.93	378.37
G16	286.29	309.05	314.23	258.42	282.44	266.58	321.38	279.38	281.11	354.66
G17	260.15	284.8	290.06	233.14	256.69	240.68	296.26	253.63	254.42	329.54
G18	234.95	260.38	265.25	208.89	231.26	215.87	270.59	228.28	228.75	303.48
G19	210.3	235.97	241.23	185.57	207.24	191.77	245.31	203.71	203.63	276.95
G20	186.59	212.26	216.97	163.44	183.3	168.38	219.72	179.76	179.21	249.86
G21	164.38	189.5	194.13	143.34	164.93	147.03	195.46	157.39	156.76	223.1
G22	144.05	168.22	171.99	124.42	141.06	127.72	171.99	137.45	135.8	198.21
G23	124.34	148.44	151.98	107.54	122.62	110.06	150.33	118.69	115.55	173.64
G24	107.07	130.0	133.53	92.87	106.21	94.2	130.62	101.03	97.81	150.41
G25	91.06	112.57	116.34	79.13	91.45	79.76	112.88	85.8	82.03	129.52
G26	76.85	96.16	100.48	67.35	77.87	67.59	96.16	72.3	68.77	109.9
G27	64.45	82.9	86.74	57.15	66.33	57.07	81.56	61.47	57.46	92.47
G28	54.24	69.86	73.95	48.2	56.28	48.12	69.0	52.12	48.59	77.24
G29	45.53	58.95	62.8	40.74	47.81	41.06	58.48	44.74	41.29	64.76
G30	38.94	49.61	53.22	34.93	41.13	35.48	49.77	38.62	35.64	54.71
G31	33.36	41.84	45.29	30.07	35.48	30.69	42.78	33.75	31.01	46.63
G32	28.81	35.64	38.78	26.06	30.85	26.53	36.97	29.75	27.16	40.27
G33	25.2	30.77	33.36	22.76	26.85	23.47	32.26	26.22	24.02	35.01
G34	26.77	26.45	28.81	20.17	23.79	20.8	28.42	23.55	21.43	30.85
G35	19.62	22.84	25.36	17.9	21.27	18.53	25.12	21.27	19.08	27.24
G36	17.43	20.41	22.45	15.86	19.0	16.64	22.53	19.0	17.03	24.18

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:



Report No.:

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## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C30	C60	C90	C120	C150	C180	C210	C240	C270
G37	15.62	18.05	19.94	14.29	16.88	14.76	20.25	16.88	15.39	21.59
G38	14.21	16.25	17.82	12.56	15.07	13.27	18.05	15.31	13.97	19.39
G39	12.4	14.91	15.86	11.23	13.5	11.93	16.41	14.29	12.17	17.35
G40	11.07	12.8	14.37	9.97	12.09	10.68	14.6	12.32	10.91	15.62
G41	9.89	11.46	12.72	9.18	10.91	9.58	13.19	11.07	9.73	14.21
G42	9.11	10.2	11.46	7.93	9.81	8.48	11.93	9.97	8.63	12.48
G43	7.93	9.66	10.2	7.3	9.34	7.54	10.75	9.03	7.61	11.3
G44	7.22	8.24	9.58	6.36	7.93	7.06	9.66	7.85	7.14	10.05
G45	6.36	7.38	8.4	5.65	7.22	5.97	8.56	7.14	5.97	9.26
G46	5.65	6.91	7.38	5.02	6.36	5.1	7.54	6.12	5.1	7.93
G47	5.1	5.97	7.06	4.63	5.65	4.63	7.14	5.26	4.55	7.14
G48	4.55	6.59	6.04	3.85	4.95	3.85	6.04	4.87	3.77	6.12
G49	3.85	4.79	5.34	3.38	4.47	3.38	5.18	4.08	3.14	5.26
G50	3.38	4.0	4.87	2.9	3.85	2.83	4.63	3.61	2.67	4.87
G51	3.14	3.61	4.16	2.59	3.38	2.51	3.85	3.06	2.51	4.08
G52	2.59	3.14	3.77	2.35	2.98	2.28	3.45	2.67	2.28	3.69
G53	2.35	2.67	3.22	2.28	2.59	2.12	2.9	2.51	2.2	3.06
G54	2.35	2.51	2.83	1.65	2.51	1.57	2.59	2.43	1.65	2.75
G55	1.73	2.35	2.51	1.49	2.28	1.49	2.51	2.28	1.49	2.51
G56	1.57	2.2	2.43	1.41	2.0	1.41	2.35	2.12	1.49	2.43
G57	1.49	1.65	2.43	1.41	1.73	1.33	2.28	1.73	1.41	2.35
G58	1.41	1.49	2.04	1.26	1.57	1.18	1.96	1.65	1.33	2.28
G59	1.41	1.41	1.65	1.1	1.49	1.02	1.65	1.49	1.18	1.88
G60	1.3	1.41	1.57	1.02	1.45	0.94	1.49	1.49	1.1	1.65
G61	1.18	1.33	1.49	0.94	1.41	0.86	1.41	1.41	0.94	1.57
G62	1.02	1.26	1.41	0.86	1.33	0.78	1.41	1.41	0.94	1.41
G63	0.94	1.18	1.41	0.78	1.33	0.78	1.41	1.33	0.86	1.49
G64	0.78	1.02	1.33	0.78	1.18	0.71	1.33	1.26	0.78	1.41
G65	0.86	0.94	1.18	0.71	1.02	0.63	1.26	1.1	0.78	1.33
G66	0.78	0.86	1.1	0.63	0.94	0.63	1.1	1.02	0.71	1.18
G67	0.71	0.86	1.02	0.55	0.86	0.55	0.94	0.86	0.55	1.1
G68	0.71	0.78	0.94	0.47	0.78	0.39	0.94	0.71	0.47	1.02
G69	0.47	0.78	0.86	0.39	0.75	0.39	0.71	0.71	0.47	0.86
G70	0.47	0.63	0.78	0.39	0.71	0.39	0.71	0.71	0.47	0.71
G71	0.47	0.47	0.71	0.39	0.63	0.39	0.71	0.71	0.47	0.71
G72	0.47	0.47	0.71	0.39	0.63	0.39	0.71	0.63	0.47	0.71
G73	0.47	0.47	0.71	0.39	0.63	0.39	0.63	0.63	0.47	0.63

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

[illegible]

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:





Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C300	C330	C360							
G0	507.81	507.89	506.87							
G1	508.13	508.36	504.75							
G2	507.58	507.81	501.61							
G3	506.17	506.24	497.14							
G4	504.05	503.65	491.49							
G5	504.52	500.12	484.34							
G6	496.04	495.49	475.71							
G7	489.92	489.6	465.11							
G8	481.99	481.99	452.79							
G9	472.02	472.41	438.5							
G10	459.93	460.87	422.09							
G11	444.86	447.13	402.94							
G12	427.9	430.81	382.37							
G13	408.59	412.67	360.31							
G14	387.08	392.18	336.92							
G15	363.37	369.89	311.8							
G16	338.49	346.26	286.29							
G17	311.96	320.91	260.15							
G18	285.74	295.24	234.95							
G19	258.66	269.1	210.3							
G20	231.42	242.8	186.59							
G21	205.75	217.29	164.38							
G22	181.49	193.11	144.05							
G23	157.63	169.72	124.34							
G24	136.28	147.89	107.07							
G25	116.1	128.11	91.06							
G26	98.2	109.82	76.85							
G27	82.19	93.34	64.45							
G28	68.77	78.34	54.24							
G29	57.54	66.02	45.53							
G30	48.83	55.81	38.94							
G31	41.6	47.41	33.36							
G32	35.87	40.66	28.81							
G33	31.24	35.4	25.2							
G34	27.4	30.93	26.77							
G35	24.18	27.24	19.62							
G36	21.51	24.1	17.43							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:



Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C300	C330	C360							
G37	19.15	21.51	15.62							
G38	17.03	19.23	14.21							
G39	15.15	17.19	12.4							
G40	13.5	15.54	11.07							
G41	12.01	14.44	9.89							
G42	10.83	12.4	9.11							
G43	9.66	11.15	7.93							
G44	8.48	9.97	7.22							
G45	7.46	9.58	6.36							
G46	6.83	8.09	5.65							
G47	5.73	7.22	5.1							
G48	4.95	6.36	4.55							
G49	4.4	5.65	3.85							
G50	3.77	4.95	3.38							
G51	3.14	4.55	3.14							
G52	2.67	3.85	2.59							
G53	2.51	3.38	2.35							
G54	2.35	2.9	2.35							
G55	2.12	2.59	1.73							
G56	1.65	2.59	1.57							
G57	1.49	2.35	1.49							
G58	1.41	2.35	1.41							
G59	1.41	2.04	1.41							
G60	1.33	1.73	1.3							
G61	1.18	1.65	1.18							
G62	1.1	1.49	1.02							
G63	1.02	1.49	0.94							
G64	0.86	1.41	0.78							
G65	0.86	1.41	0.86							
G66	0.78	1.33	0.78							
G67	0.71	1.18	0.71							
G68	0.71	1.02	0.71							
G69	0.55	0.94	0.47							
G70	0.39	0.78	0.47							
G71	0.39	0.71	0.47							
G72	0.39	0.71	0.47							
G73	0.39	0.63	0.47							

C Range: 0 - 360 Deg

C Interval: 30.0 Deg

Test Speed: High

Temperature: 8.86

Operators:

Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity: 1

Test Distance: 8.86 m

Remarks:

Report No.:

Test Time: 2022-06-29 11:01:21

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 5)

[illegible]

C Range: 0 - 360 Deg  
C Interval: 30.0 Deg  
Test Speed: High  
Temperature: 8.86  
Operators:  
Test Date: 2022-06-29 11:01:21

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity: 1  
Test Distance: 8.86 m  
Remarks: