

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: GZAILITELED
Luminaire Type: KUPU-FG50S
Lamp Type:
Luminous Width: 130 mm
Luminous Length: 125 mm
Luminous Height: 0.7 mm

Voltage(V): 220.79 V
Current(A): 0.2340 A
Power(W): 49.29 W
Power Factor: 0.9530
Lamp Luminous Flux: 8129.24

Photometric Results

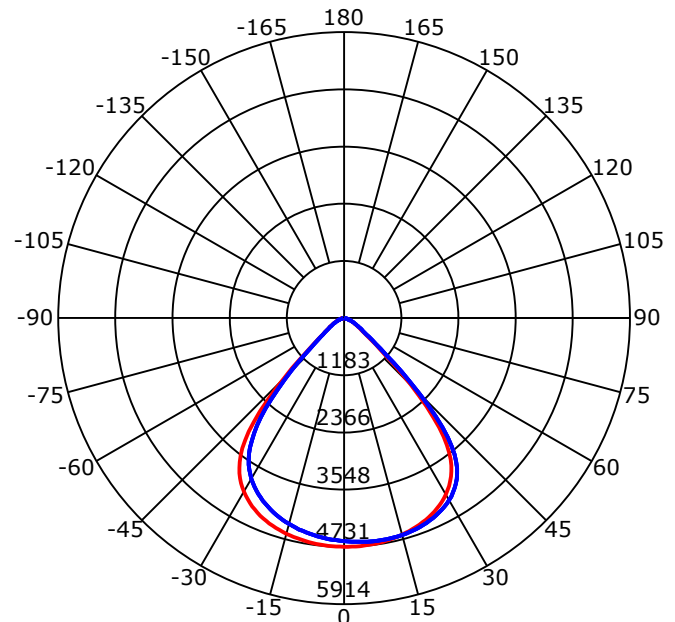
CIE Class: Direct
Luminaire Luminous Flux: 8129.239 lm
Downward Ratio: 0.01%
Luminaire Efficacy Rating(LER): 164.93 lm/W
Beam Angle(50%) C0-180,C90-270: 86.4,86.2
Field Angle(10%) C0-180,C90-270: 109.0,109.9
S/MH C0-180,C90-270: 1.299,1.250

Max. Intensity: 4731.09 cd
Max.Intensity Angle: C=0 Gamma=1
Upward Ratio: 99.99%
Efficacy: 100.00%
Center Intensity: 4730.21 cd
Effective Luminous Flux: 7621.67 lm
ERP(ϕ use)(120deg): 7809.21 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



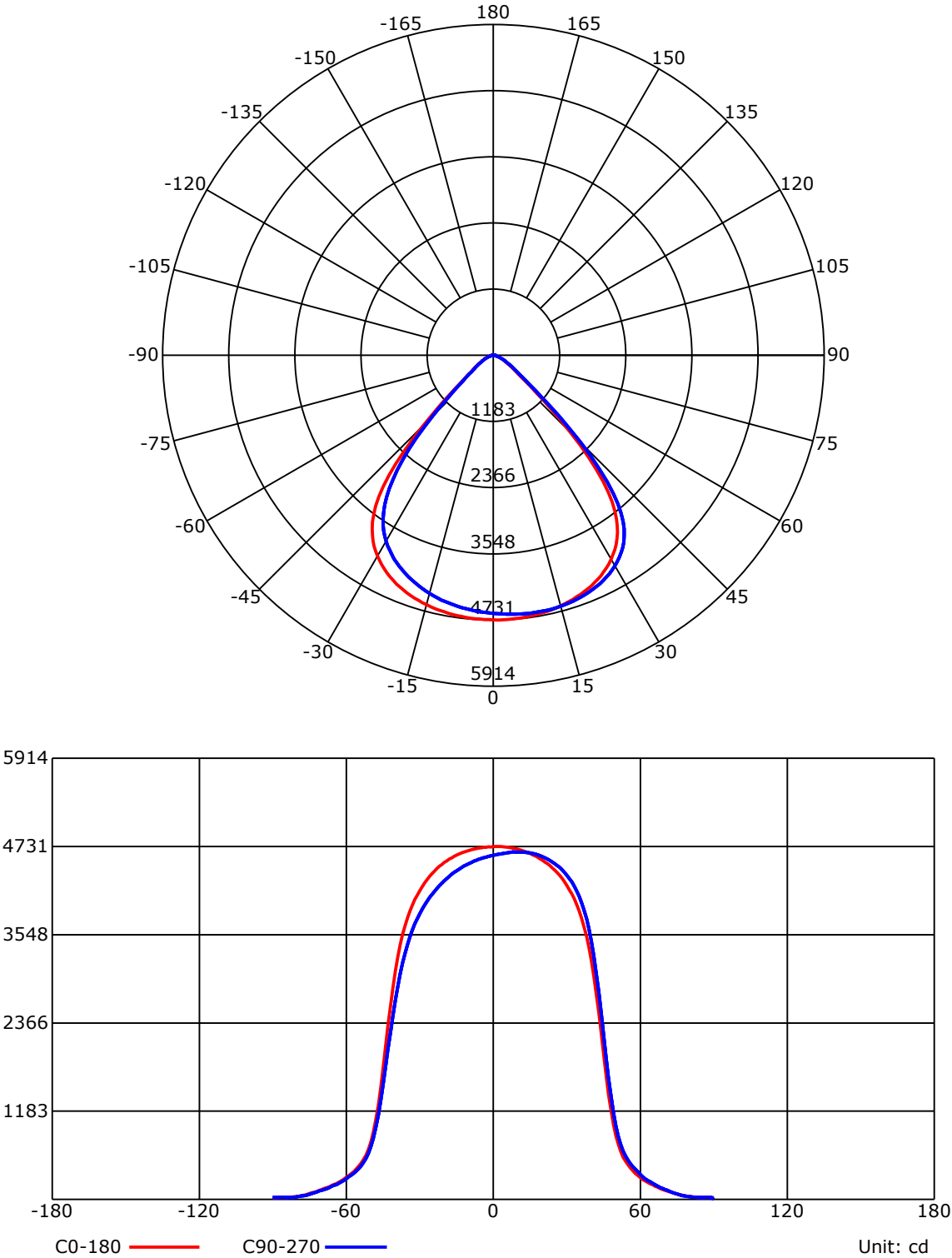
Beam Angle(50%) C0-180,C90-270: 86.4 deg,86.2 deg

C0-180 — C90-270 —

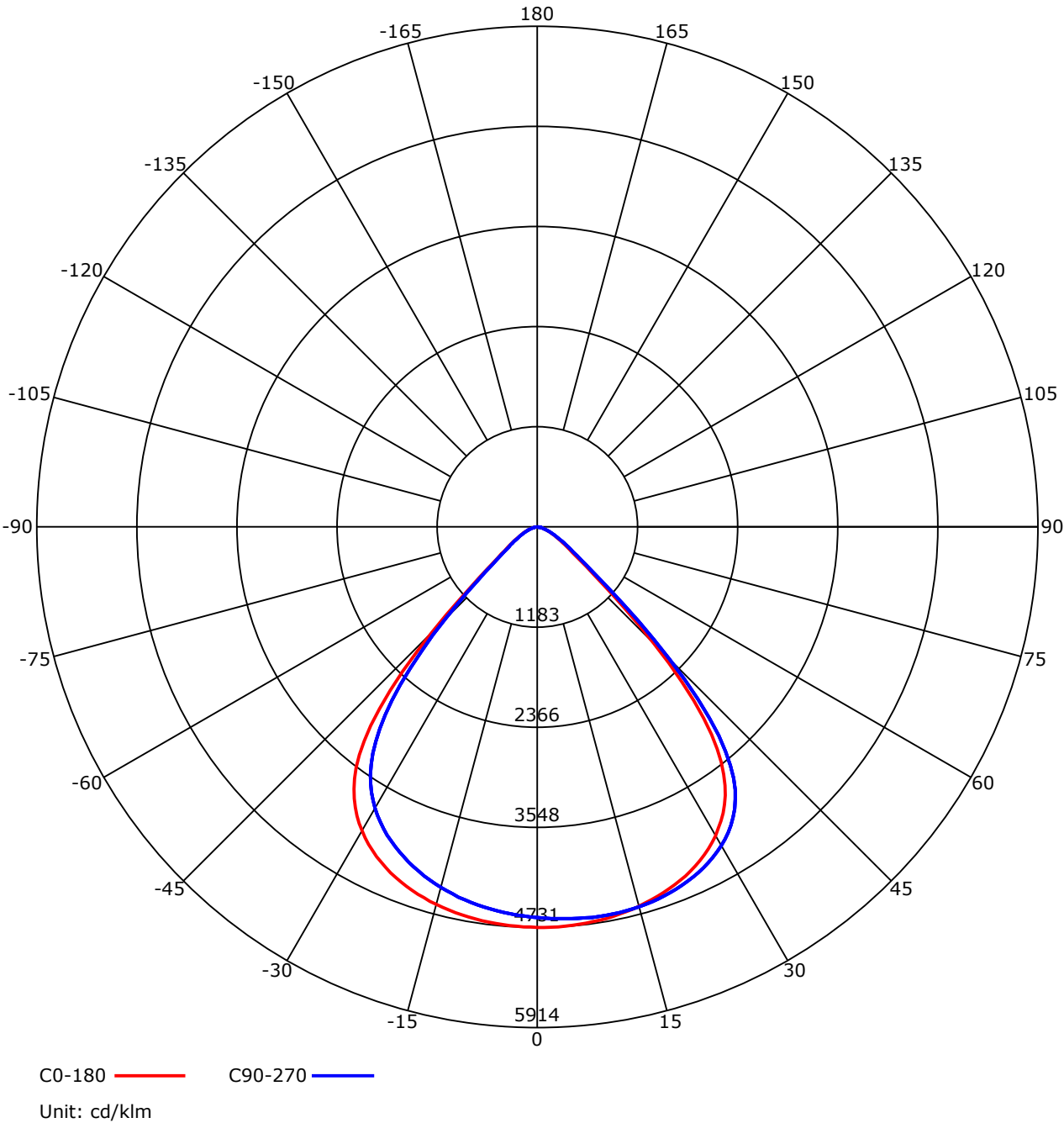
C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

Luminous Intensity Distribution Curve



Luminous Intensity Distribution Curve



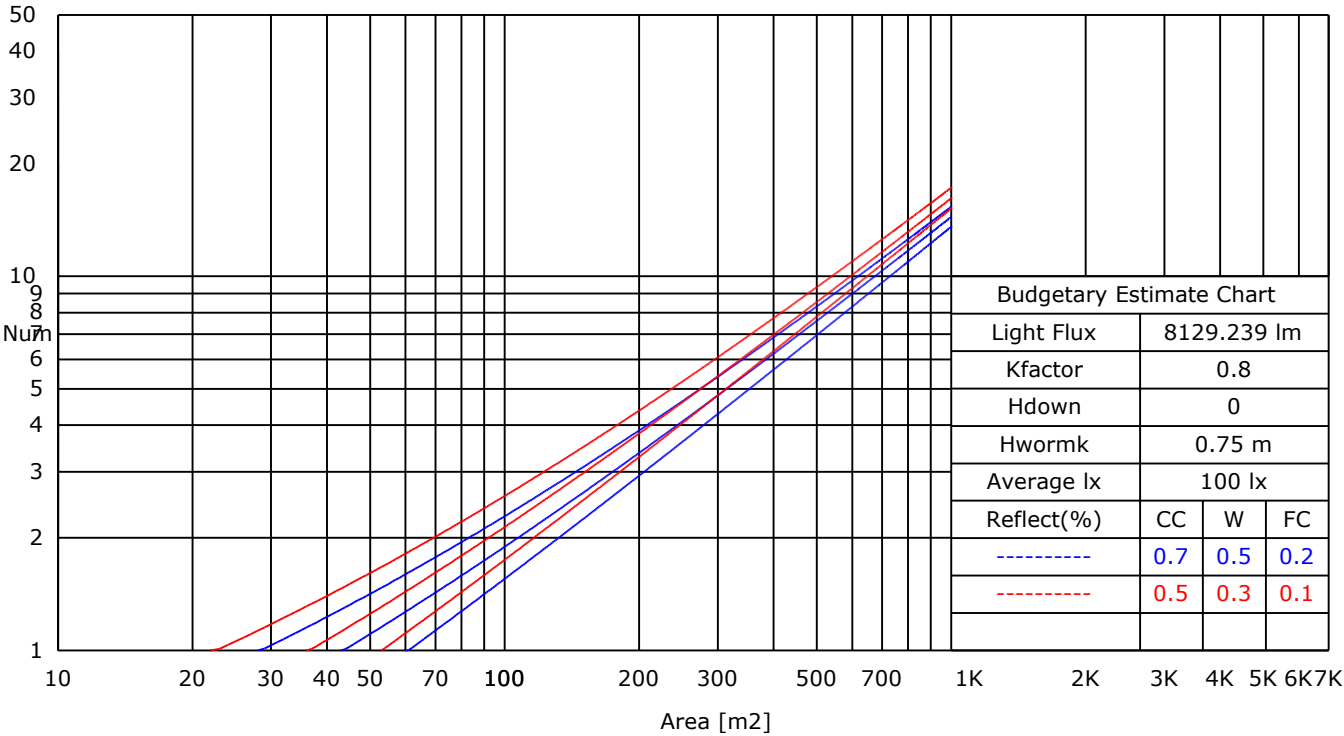
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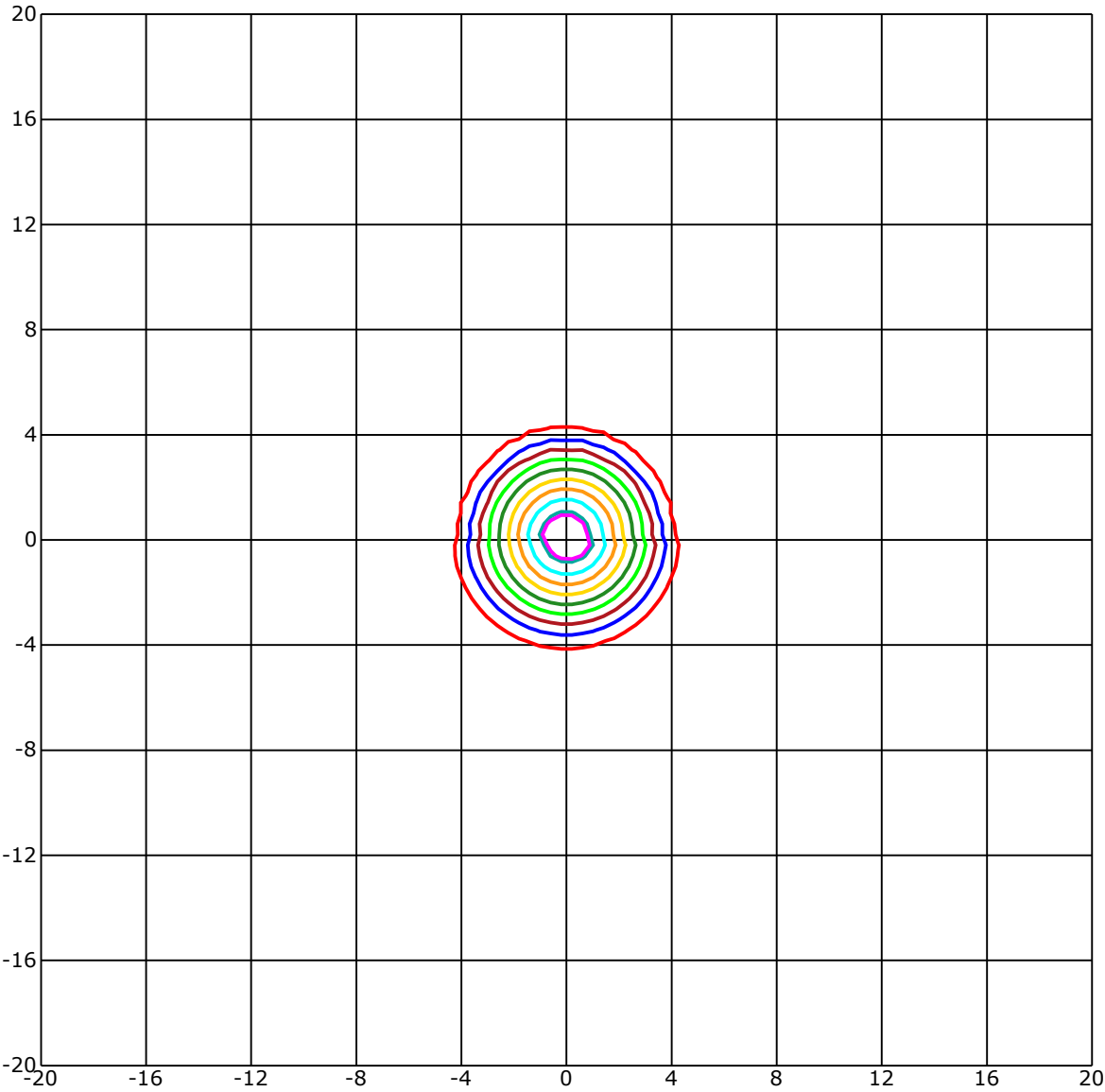
UTILIZATION FACTORS TABLE

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	COEFFCIENTS 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	1.11	1.10	1.09	1.09	1.08	1.07	1.05	1.04	1.02	1.00	0.98	0.97	0.93	0.91	0.90	0.85
2	1.00	0.99	0.97	0.99	0.97	0.95	0.96	0.93	0.91	0.92	0.89	0.87	0.86	0.83	0.81	0.76
3	0.90	0.89	0.87	0.90	0.87	0.85	0.87	0.84	0.82	0.84	0.80	0.77	0.80	0.76	0.73	0.68
4	0.82	0.80	0.78	0.81	0.79	0.77	0.80	0.76	0.73	0.77	0.73	0.70	0.74	0.69	0.65	0.61
5	0.74	0.72	0.71	0.74	0.71	0.69	0.73	0.69	0.66	0.71	0.66	0.63	0.68	0.63	0.59	0.55
6	0.67	0.65	0.64	0.67	0.64	0.63	0.67	0.63	0.60	0.65	0.60	0.57	0.63	0.58	0.54	0.50
7	0.62	0.59	0.58	0.62	0.59	0.57	0.61	0.57	0.54	0.60	0.55	0.52	0.59	0.53	0.49	0.45
8	0.56	0.54	0.53	0.57	0.54	0.52	0.56	0.52	0.50	0.56	0.51	0.47	0.55	0.49	0.45	0.42
9	0.52	0.50	0.49	0.52	0.49	0.48	0.52	0.48	0.45	0.52	0.47	0.43	0.51	0.45	0.41	0.38
10	0.48	0.46	0.45	0.48	0.45	0.44	0.48	0.44	0.42	0.48	0.43	0.40	0.48	0.42	0.38	0.35

LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



ISOLX DIAGRAM

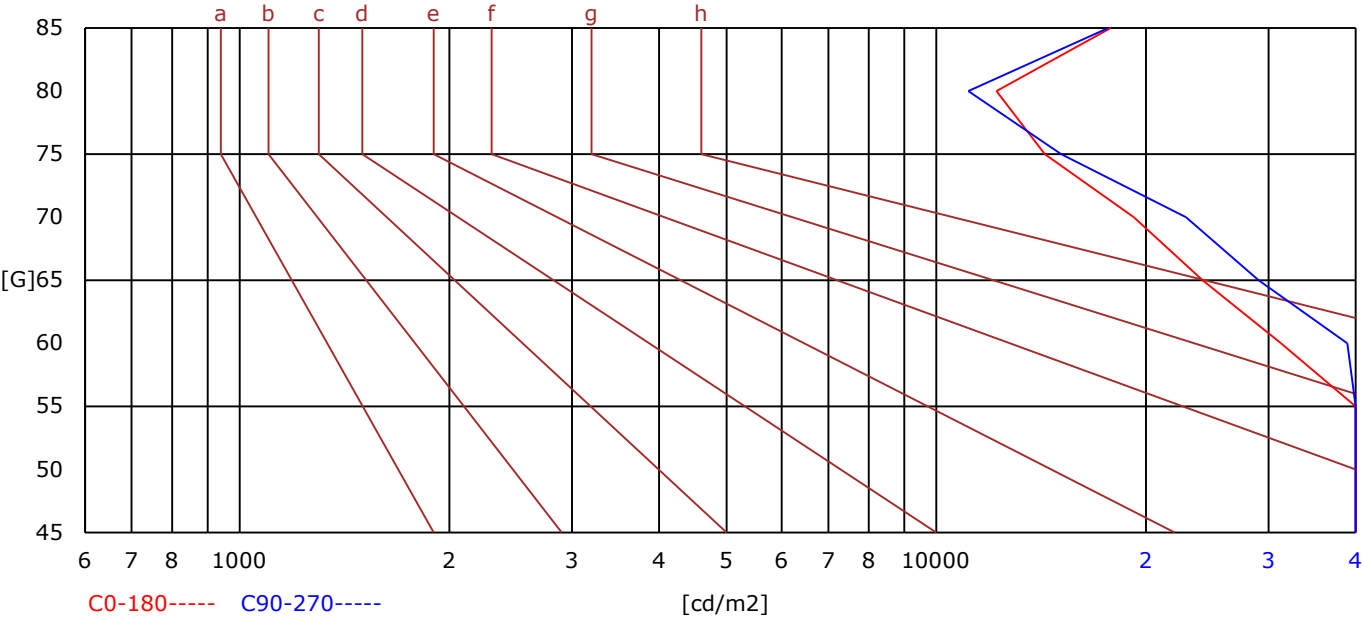


Unit of illumination:lx Height of plane:4.0(m)/13.12(ft)

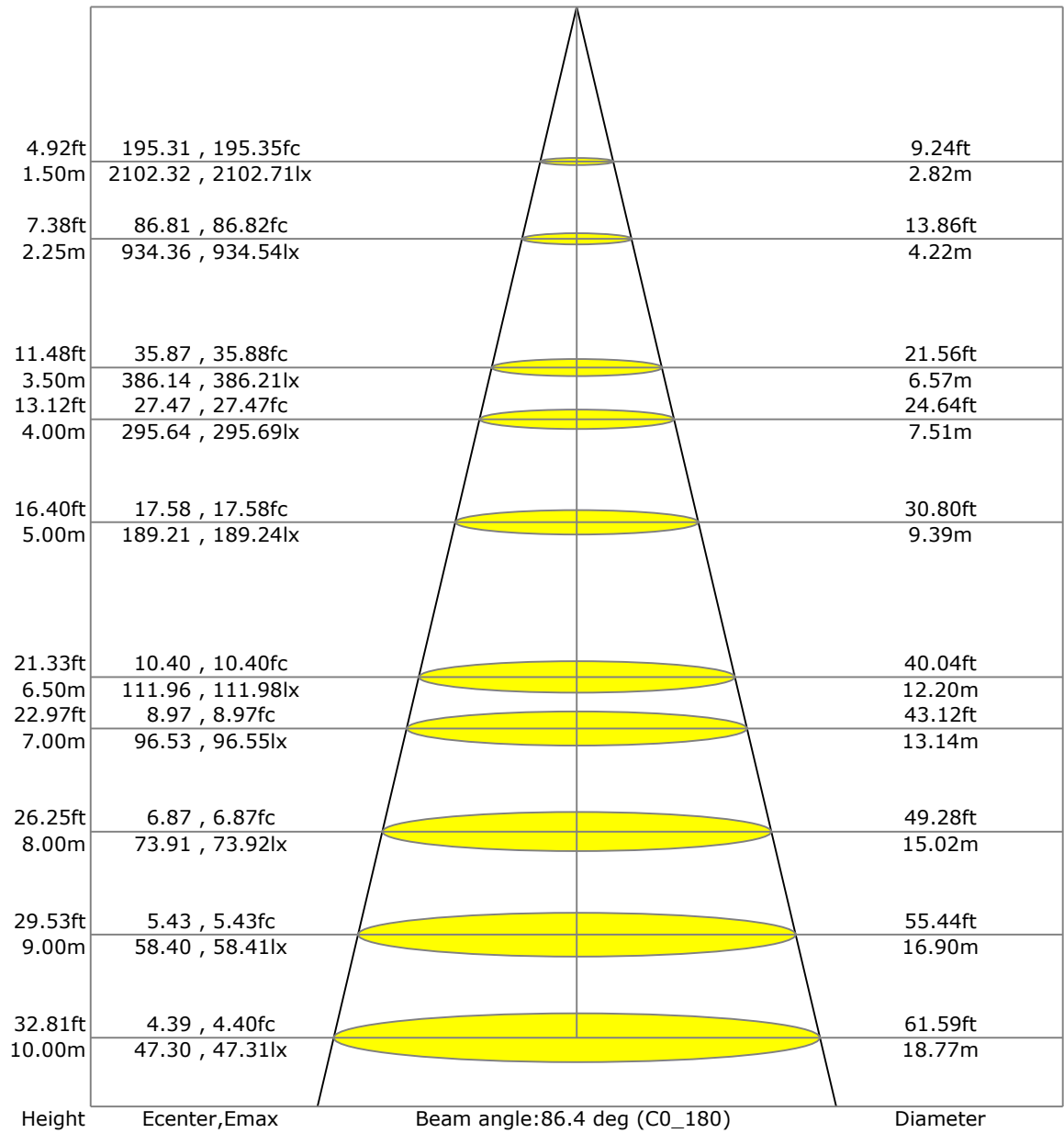
- | | |
|------------------|------------------|
| 271.987(92%Emax) | 147.819(50%Emax) |
| 266.074(90%Emax) | 118.255(40%Emax) |
| 236.511(80%Emax) | 88.691(30%Emax) |
| 206.947(70%Emax) | 59.128(20%Emax) |
| 177.383(60%Emax) | 29.564(10%Emax) |

BRIGHT LIMIT DIAGRAM

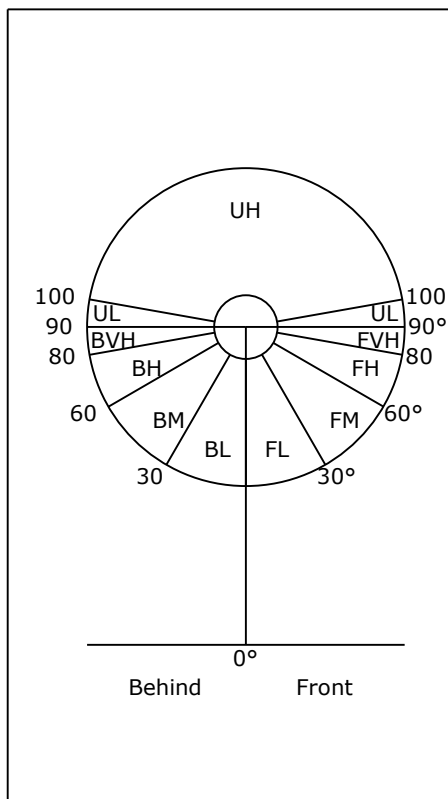
C/G	45	50	55	60	65	70	75	80	85
C0	116832	57813	41523	31265	24122	19206	14315	12200	17801
C90	159136	79328	53159	38911	29029	22830	15103	11118	17655
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
---	---	a	b	c	d	e	f	g	h



LX-DISTANCE DIAGRAM



BUG Class



Zonal	Light Flux(lm)	Light Flux(%)
Front	4180.9	51.4
FL (0°-30°)	1887.5	23.2
FM (30°-60°)	2134.1	26.3
FH (60°-80°)	144.2	1.8
FVH (80°-90°)	15.1	0.2

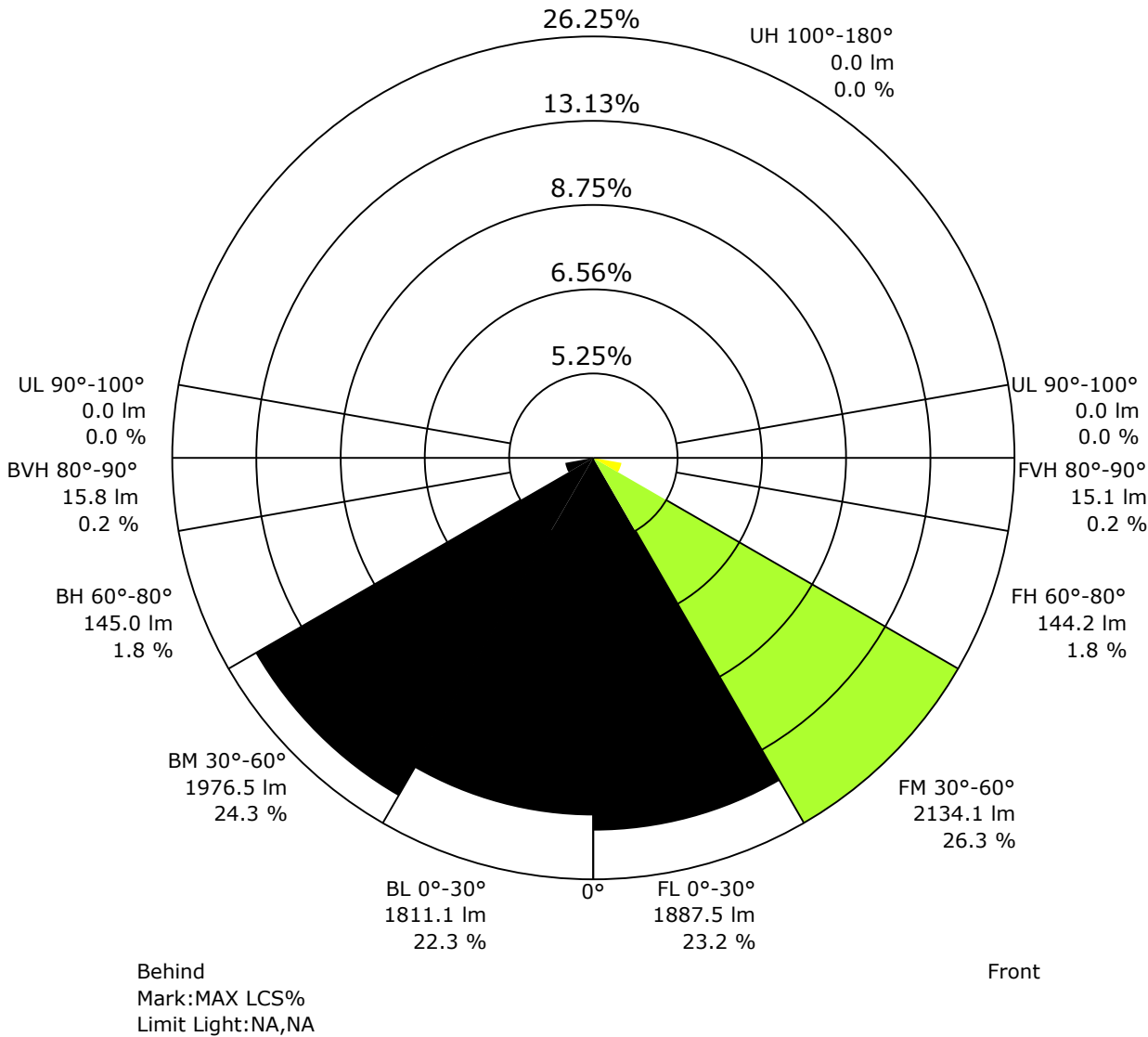
Behind	3948.3	48.6
BL (0°-30°)	1811.1	22.3
BM (30°-60°)	1976.5	24.3
BH (60°-80°)	145.0	1.8
BVH (80°-90°)	15.8	0.2

Above	0.0	0.0
UL (90°-100°)	0.0	0.0
UH (100°-180°)	0.0	0.0

Limit Light	NA	NA
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BUG Class(TM-15-07)	
Asymmetric Lighting Fixtures (Type I , II , III , IV)	B3 U0 G1
Symmetrical Lighting Fixtures (Type V , Area Light)	B3 U0 G1

LCS 图



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	26.55	27.02	26.56	27.28	27.59	27.10	27.57	27.12	27.83	28.14
	3H	26.21	26.64	26.28	26.93	27.29	26.75	27.19	26.83	27.47	27.83
	4H	26.03	26.44	26.13	26.74	27.12	26.57	26.99	26.68	27.28	27.66
	6H	25.84	26.23	25.98	26.54	26.95	26.39	26.77	26.52	27.09	27.49
	8H	25.75	26.12	25.90	26.44	26.86	26.29	26.66	26.45	26.99	27.41
	12H	25.65	26.01	25.82	26.34	26.77	26.20	26.55	26.37	26.88	27.32
4H	2H	26.29	26.71	26.40	27.00	27.39	26.86	27.27	26.96	27.57	27.95
	3H	25.97	26.33	26.14	26.66	27.09	26.52	26.88	26.70	27.21	27.65
	4H	25.79	26.12	26.00	26.46	26.92	26.34	26.67	26.55	27.02	27.48
	6H	25.60	25.89	25.85	26.26	26.75	26.15	26.45	26.40	26.81	27.30
	8H	25.50	25.78	25.77	26.15	26.66	26.06	26.33	26.32	26.70	27.21
	12H	25.41	25.66	25.70	26.04	26.57	25.96	26.21	26.25	26.60	27.12
8H	4H	26.08	26.45	26.23	26.77	27.19	26.63	27.00	26.79	27.33	27.75
	6H	25.42	25.65	25.73	26.04	26.59	25.96	26.19	26.27	26.58	27.12
	8H	25.34	25.54	25.67	25.94	26.50	25.87	26.08	26.20	26.47	27.03
	12H	25.25	25.43	25.60	25.83	26.41	25.78	25.96	26.13	26.37	26.95
12H	4H	25.54	25.80	25.83	26.18	26.70	26.07	26.33	26.36	26.71	27.23
	6H	25.38	25.59	25.71	25.99	26.55	25.91	26.12	26.24	26.51	27.07

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

ZONAL LUMINOUS FLUX TABLE-2

γ	C0	C5	C10	C15	C20	C25	C30	C35	γ	φ zonal	φ total	%lum	%lamp
10	4696.1	4530.2	4551.0	4549.1	4569.8	4571.1	4587.6	4591.7	10	440.0	440.0	5.4	5.4
20	4547.6	4368.5	4413.5	4401.0	4446.3	4437.7	4479.2	4470.8	20	1280.1	1720.2	21.2	21.2
30	4209.5	3982.6	4081.1	4034.0	4127.6	4087.6	4181.7	4138.5	30	1978.4	3698.6	45.5	45.5
40	3201.3	2663.7	3001.4	2752.7	3086.0	2841.2	3168.3	2927.3	40	2291.4	5990.0	73.7	73.7
50	852.9	603.9	746.3	638.9	779.5	659.6	819.8	710.8	50	1388.7	7378.7	90.8	90.8
60	290.5	254.0	268.4	256.8	282.1	282.0	303.3	301.1	60	430.5	7809.2	96.1	96.1
70	123.2	106.7	114.7	113.1	121.0	120.9	126.4	123.4	70	204.7	8013.9	98.6	98.6
80	38.6	34.4	36.0	35.3	40.0	37.1	39.0	37.1	80	84.5	8098.4	99.6	99.6
90	25.9	30.6	0.0	31.8	0.0	30.0	0.0	22.4	90	30.8	8129.2	100.0	100.0

Conical surface Flux(90deg) : 6886.0 lm

%lum = 84.7%

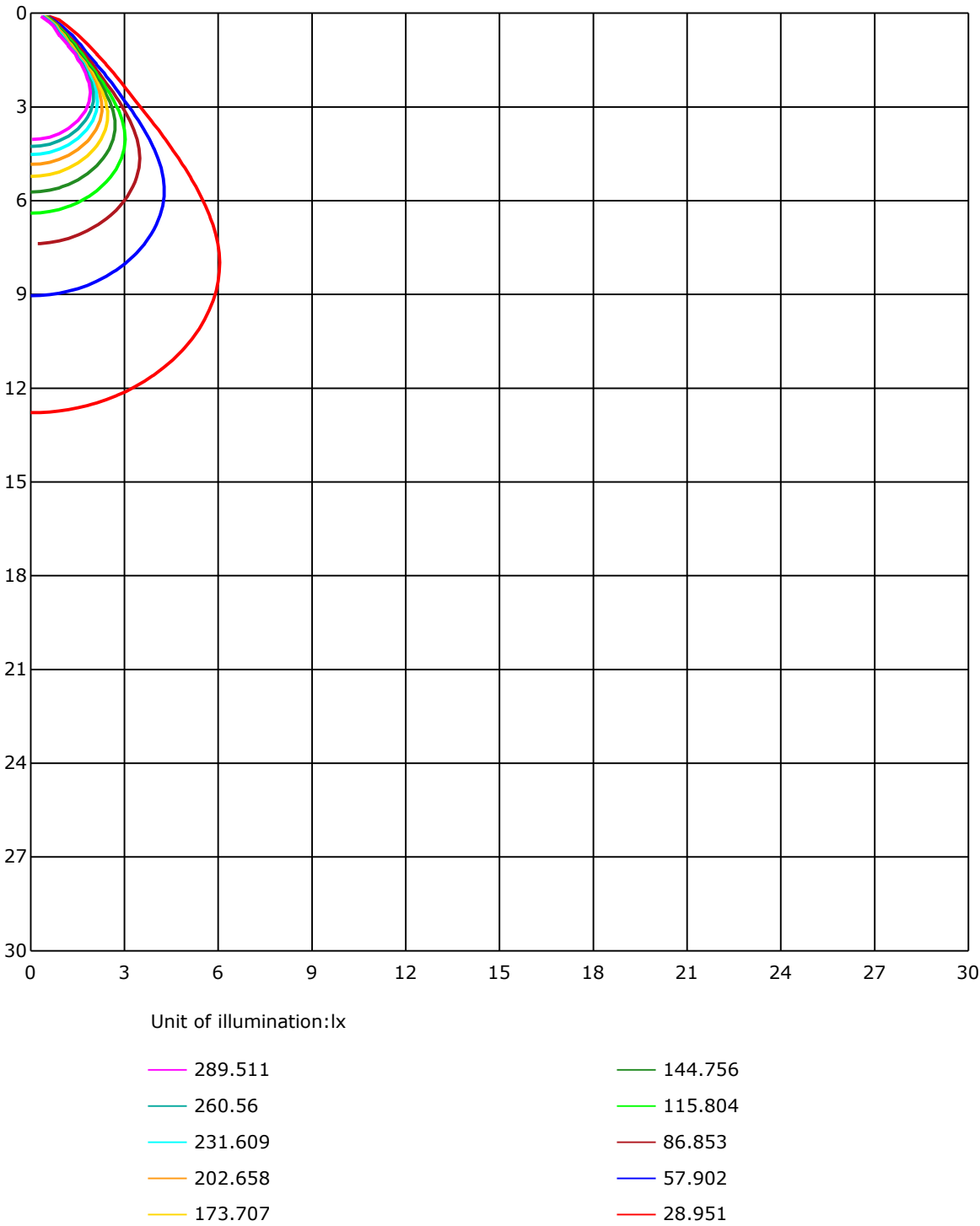
%lamp = 84.7%

Conical surface Flux(120deg) : 7809.2 lm

%lum = 96.1%

%lamp = 96.1%

SPACE ISOLX DIAGRAM



C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G0	4730.21	4575.53	4576.56	4582.47	4579.52	4590.28	4585.52	4593.91	4590.85	4599.29
G1	4731.09	4575.63	4573.25	4578.48	4583.14	4589.97	4589.97	4598.26	4595.51	4604.21
G2	4730.42	4578.38	4579.46	4580.65	4585.16	4591.32	4593.8	4603.85	4597.58	4608.92
G3	4729.59	4573.36	4579.98	4582.36	4590.59	4595.67	4596.08	4602.92	4602.76	4609.8
G4	4726.49	4570.35	4578.89	4580.71	4587.44	4591.22	4596.91	4602.66	4605.56	4612.03
G5	4723.53	4566.63	4576.72	4577.5	4586.81	4591.06	4598.15	4602.86	4607.83	4615.13
G6	4719.08	4562.12	4573.46	4574.08	4585.31	4588.89	4598.0	4602.09	4608.3	4615.39
G7	4714.32	4553.63	4569.01	4569.94	4583.97	4584.07	4596.6	4600.9	4612.29	4613.89
G8	4708.21	4548.2	4563.99	4563.88	4580.86	4582.67	4594.68	4598.41	4608.56	4611.61
G9	4701.84	4540.12	4557.82	4560.41	4573.92	4576.93	4591.68	4594.17	4607.11	4610.11
G10	4696.1	4530.23	4550.99	4549.08	4569.78	4571.13	4587.64	4591.68	4604.0	4607.88
G11	4686.62	4519.41	4542.24	4539.86	4562.9	4559.95	4582.62	4584.8	4600.17	4603.43
G12	4675.7	4508.9	4532.3	4530.28	4550.58	4551.3	4575.84	4577.91	4595.56	4597.84
G13	4664.42	4494.2	4521.9	4516.41	4541.62	4544.52	4568.8	4569.37	4589.82	4589.92
G14	4652.04	4481.93	4510.51	4507.35	4536.6	4533.13	4560.83	4560.05	4582.47	4582.52
G15	4636.77	4464.54	4497.72	4488.87	4524.59	4520.09	4551.15	4548.46	4573.72	4566.78
G16	4621.91	4449.16	4484.0	4477.33	4511.6	4508.23	4539.86	4536.19	4562.17	4560.83
G17	4605.24	4431.3	4468.99	4461.95	4498.86	4495.7	4527.28	4522.16	4553.32	4547.37
G18	4587.8	4411.17	4452.89	4444.09	4481.88	4475.77	4511.03	4506.83	4537.95	4533.55
G19	4568.33	4390.15	4433.89	4423.07	4468.37	4457.45	4498.24	4489.13	4523.71	4516.31
G20	4547.63	4368.46	4413.55	4400.97	4446.26	4437.72	4479.19	4470.8	4508.39	4498.81
G21	4525.11	4343.92	4394.65	4377.36	4425.61	4414.89	4460.45	4452.22	4490.99	4482.3
G22	4502.02	4312.34	4367.58	4352.46	4404.18	4391.44	4439.38	4426.7	4471.48	4458.69
G23	4478.83	4281.95	4342.37	4323.11	4382.54	4365.3	4417.07	4401.74	4449.99	4435.5
G24	4446.83	4253.69	4313.58	4293.5	4354.01	4336.98	4395.79	4377.72	4426.8	4407.96
G25	4416.39	4217.29	4282.83	4260.21	4325.08	4299.09	4364.94	4343.66	4398.79	4379.64
G26	4383.37	4179.24	4251.88	4223.3	4293.03	4268.91	4335.02	4309.65	4369.13	4350.08
G27	4345.52	4135.76	4213.1	4182.04	4259.43	4226.15	4302.5	4272.27	4342.78	4313.58
G28	4305.2	4088.34	4172.93	4138.3	4220.61	4187.68	4266.01	4233.39	4307.22	4275.64
G29	4259.07	4035.33	4125.77	4084.25	4178.42	4140.11	4227.13	4188.46	4268.23	4231.69
G30	4209.53	3982.58	4081.09	4034.03	4127.58	4087.56	4181.73	4138.45	4224.7	4183.07
G31	4151.91	3912.22	4026.11	3970.72	4080.42	4026.48	4132.34	4081.61	4177.85	4126.18
G32	4095.59	3840.37	3964.92	3900.68	4019.44	3958.87	4076.38	4017.42	4123.23	4061.58
G33	4028.96	3756.61	3895.66	3820.34	3953.74	3881.99	4013.12	3942.87	4063.02	3992.41
G34	3953.38	3663.17	3816.81	3729.22	3877.59	3793.31	3939.56	3856.68	3993.5	3907.98
G35	3870.86	3551.45	3728.03	3623.0	3794.92	3690.66	3856.16	3756.82	3911.29	3812.26
G36	3771.52	3423.79	3624.08	3501.29	3692.99	3569.0	3760.03	3641.22	3818.68	3699.25

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G37	3659.7	3269.94	3503.1	3349.19	3575.63	3425.45	3651.62	3499.79	3710.54	3561.39
G38	3528.78	3091.54	3360.58	3179.6	3437.15	3259.17	3512.57	3336.1	3579.46	3404.12
G39	3374.87	2890.58	3197.46	2979.52	3276.05	3062.66	3354.47	3145.95	3422.55	3219.1
G40	3201.34	2663.73	3001.36	2752.72	3086.0	2841.24	3168.32	2927.28	3240.84	3003.33
G41	2998.36	2408.05	2780.57	2497.04	2867.65	2588.2	2955.39	2674.71	3033.25	2753.91
G42	2762.61	2140.3	2531.36	2222.87	2620.45	2317.4	2711.62	2404.99	2793.05	2486.89
G43	2505.32	1857.29	2261.91	1940.79	2351.72	2023.72	2440.87	2112.92	2526.6	2196.78
G44	2233.18	1585.61	1982.41	1658.5	2065.5	1741.95	2157.34	1825.19	2243.01	1905.95
G45	1944.78	1342.45	1702.66	1406.08	1783.21	1475.34	1868.88	1550.77	1947.93	1626.4
G46	1673.15	1126.32	1444.69	1188.18	1515.15	1239.23	1593.42	1312.17	1667.35	1377.76
G47	1412.13	945.13	1215.41	998.3	1276.34	1043.44	1344.83	1101.06	1412.49	1157.28
G48	1190.05	805.82	1024.23	840.77	1075.12	884.92	1133.52	928.88	1191.29	980.44
G49	1003.79	696.7	869.34	720.66	908.58	755.61	957.3	805.62	1006.68	847.96
G50	852.88	603.88	746.34	638.92	779.47	659.63	819.8	710.83	860.23	744.43
G51	741.37	544.29	648.97	576.54	675.99	592.69	710.0	633.69	745.31	659.16
G52	645.91	489.62	572.71	521.05	599.53	533.16	623.65	571.99	653.99	590.42
G53	565.1	451.73	515.66	477.15	529.33	485.53	554.39	521.2	581.1	539.73
G54	509.04	416.32	462.13	439.62	477.41	445.98	499.15	477.35	523.58	490.71
G55	463.01	387.02	421.13	406.33	434.33	413.01	453.44	439.41	475.49	451.78
G56	419.22	357.41	386.24	376.04	398.41	383.5	414.97	405.81	435.73	417.46
G57	384.02	328.26	353.37	342.65	366.98	356.99	384.64	376.35	399.44	386.71
G58	347.31	301.39	317.18	315.01	337.79	331.32	355.13	348.45	370.14	359.43
G59	320.55	276.49	288.66	284.57	308.23	307.92	327.59	322.57	341.83	333.7
G60	290.52	254.03	268.37	256.77	282.14	282.03	303.31	301.14	316.77	309.47
G61	265.42	233.73	248.02	235.8	257.29	254.18	276.39	271.11	293.47	287.52
G62	246.73	216.08	229.54	217.06	237.46	232.7	249.37	248.38	270.13	264.85
G63	230.37	199.31	212.09	200.24	219.86	214.11	232.8	226.28	249.78	245.74
G64	209.51	182.28	195.68	188.33	203.03	197.29	214.68	206.81	230.37	227.78
G65	195.89	165.66	178.6	168.66	187.71	181.97	198.32	190.97	210.08	208.42
G66	175.8	151.73	163.48	154.48	171.4	166.9	183.1	171.15	192.53	188.33
G67	166.33	136.77	150.23	142.98	156.29	151.53	167.68	162.4	176.79	169.13
G68	147.59	127.92	138.38	132.37	143.29	138.17	153.03	149.14	162.09	151.84
G69	134.6	117.0	127.76	122.85	131.65	127.09	138.74	135.63	147.9	136.88
G70	123.21	106.75	114.67	113.06	121.03	120.93	126.37	123.42	133.35	126.68
G71	112.65	98.51	106.07	101.83	109.7	111.04	119.12	111.46	118.14	113.63
G72	100.53	89.3	97.07	90.28	99.6	94.48	104.47	97.38	107.11	99.91
G73	94.79	81.85	87.85	79.57	91.16	87.7	93.44	83.86	94.22	86.61

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C50	C55	C60	C65	C70	C75	C80	C85	C90	C95
G0	4594.27	4604.73	4598.36	4607.57	4603.07	4613.42	4608.14	4621.65	4612.91	4625.49
G1	4599.34	4610.47	4604.73	4613.68	4605.45	4620.72	4614.1	4625.07	4619.07	4631.13
G2	4603.9	4615.34	4609.49	4619.64	4615.7	4625.64	4625.54	4631.59	4627.45	4638.12
G3	4609.33	4616.12	4614.87	4625.02	4620.93	4630.77	4627.3	4636.88	4632.63	4643.35
G4	4614.77	4621.91	4620.26	4629.21	4626.83	4635.84	4632.84	4644.8	4638.43	4647.8
G5	4616.48	4624.04	4623.62	4633.41	4633.98	4640.34	4639.05	4647.38	4643.6	4652.25
G6	4619.69	4626.94	4627.09	4636.31	4638.53	4642.0	4643.81	4648.63	4648.37	4657.48
G7	4620.31	4626.42	4630.09	4638.69	4641.64	4645.16	4646.97	4653.29	4651.94	4659.08
G8	4620.77	4626.37	4631.18	4638.17	4642.72	4649.25	4649.2	4654.37	4658.25	4659.08
G9	4620.05	4624.5	4631.85	4637.55	4641.43	4645.93	4652.15	4654.42	4657.22	4660.95
G10	4615.7	4620.93	4629.42	4635.58	4641.85	4646.3	4652.56	4653.23	4657.48	4660.74
G11	4616.22	4617.2	4629.63	4632.27	4641.9	4644.43	4651.84	4651.21	4657.84	4658.0
G12	4612.8	4616.37	4627.14	4629.89	4639.05	4640.03	4649.61	4647.9	4656.29	4655.05
G13	4607.26	4607.21	4623.1	4623.78	4633.2	4635.89	4647.59	4643.5	4654.11	4650.8
G14	4601.52	4600.53	4618.5	4615.49	4631.65	4630.3	4643.29	4637.91	4649.92	4643.6
G15	4594.01	4592.61	4611.2	4609.07	4625.33	4622.79	4637.55	4630.77	4645.11	4635.74
G16	4583.61	4582.42	4602.55	4598.0	4618.91	4610.11	4629.94	4622.23	4637.55	4628.7
G17	4574.7	4571.34	4593.44	4586.76	4610.42	4602.03	4621.6	4612.29	4630.25	4617.25
G18	4562.33	4557.62	4583.3	4574.29	4598.77	4590.02	4611.92	4600.38	4619.33	4604.88
G19	4548.14	4541.73	4569.52	4559.27	4586.97	4575.74	4601.57	4587.44	4608.14	4591.11
G20	4533.44	4524.9	4555.08	4543.54	4573.72	4560.21	4588.32	4573.61	4594.53	4576.88
G21	4517.91	4502.64	4539.55	4526.09	4558.81	4543.17	4573.04	4556.32	4579.98	4562.74
G22	4499.48	4484.26	4521.79	4507.97	4545.14	4523.66	4557.72	4535.05	4563.67	4542.04
G23	4480.12	4461.33	4503.36	4484.83	4522.31	4506.52	4537.79	4516.67	4545.5	4520.6
G24	4457.55	4436.95	4482.66	4460.97	4502.48	4478.88	4518.58	4493.79	4525.31	4497.62
G25	4432.86	4408.84	4459.83	4436.22	4479.86	4452.63	4496.53	4467.13	4504.04	4471.84
G26	4404.9	4378.19	4430.27	4405.52	4454.13	4423.59	4471.01	4438.5	4478.67	4444.3
G27	4374.62	4347.75	4404.23	4367.94	4425.45	4390.41	4443.57	4405.01	4450.98	4410.85
G28	4344.28	4306.9	4372.18	4336.41	4393.56	4355.67	4411.48	4368.77	4420.07	4375.55
G29	4304.78	4264.25	4335.89	4289.98	4355.26	4310.32	4376.48	4328.34	4385.44	4334.03
G30	4262.44	4218.17	4295.52	4247.84	4319.74	4269.73	4337.14	4285.11	4346.51	4289.36
G31	4216.62	4164.54	4250.79	4194.21	4275.33	4216.98	4293.44	4232.31	4303.7	4238.16
G32	4165.94	4104.28	4198.29	4135.4	4225.01	4159.26	4243.39	4173.86	4254.31	4180.9
G33	4106.1	4032.38	4140.94	4068.62	4168.11	4091.45	4187.84	4109.51	4199.02	4115.93
G34	4038.12	3950.48	4080.0	3987.6	4106.46	4014.16	4124.52	4032.84	4135.91	4043.15
G35	3956.95	3858.23	3999.56	3896.75	4032.64	3921.49	4051.89	3943.65	4065.2	3951.46
G36	3868.07	3749.05	3909.64	3786.63	3944.32	3815.94	3967.93	3839.65	3979.68	3849.22

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C100	C105	C110	C115	C120	C125	C130	C135	C140	C145
G0	4621.86	4632.47	4625.12	4638.12	4634.39	4646.09	4643.19	4655.36	4654.11	4664.42
G1	4625.28	4638.69	4627.71	4647.69	4640.55	4650.33	4648.01	4657.48	4658.77	4667.94
G2	4632.32	4644.17	4639.67	4649.71	4645.88	4654.99	4653.49	4663.02	4661.98	4670.11
G3	4638.32	4649.77	4645.0	4654.27	4652.09	4659.65	4657.94	4664.99	4666.59	4674.67
G4	4644.64	4654.74	4650.59	4661.05	4656.81	4662.91	4661.31	4667.68	4667.78	4674.77
G5	4649.2	4657.94	4655.61	4661.26	4661.67	4664.57	4663.79	4667.73	4669.75	4672.18
G6	4654.06	4661.0	4662.24	4665.04	4663.02	4668.35	4664.16	4672.59	4670.58	4672.7
G7	4657.48	4663.43	4665.76	4666.38	4668.92	4668.5	4664.16	4667.42	4669.7	4667.88
G8	4659.76	4663.54	4662.97	4666.95	4669.49	4667.83	4668.09	4666.18	4669.02	4668.04
G9	4661.78	4663.48	4663.69	4666.9	4666.07	4666.85	4667.99	4667.16	4666.49	4659.96
G10	4661.36	4662.45	4664.42	4664.88	4666.23	4663.9	4666.33	4662.29	4663.59	4659.7
G11	4661.05	4660.48	4664.1	4662.29	4664.88	4657.17	4664.36	4655.56	4658.77	4652.2
G12	4662.71	4656.39	4662.71	4657.22	4662.34	4655.67	4659.91	4649.61	4653.75	4644.02
G13	4656.44	4651.89	4658.67	4653.18	4657.89	4648.26	4653.18	4642.36	4647.59	4634.08
G14	4651.99	4645.47	4653.91	4644.59	4652.51	4639.72	4646.61	4629.63	4639.93	4624.3
G15	4646.5	4637.44	4643.5	4635.89	4641.22	4631.49	4638.32	4619.48	4631.49	4612.91
G16	4639.83	4629.83	4641.17	4627.92	4636.98	4620.21	4629.78	4607.63	4620.52	4599.91
G17	4631.23	4620.1	4631.54	4615.91	4627.97	4607.52	4618.7	4599.29	4610.16	4585.57
G18	4622.23	4608.71	4621.6	4603.85	4616.58	4596.13	4606.95	4582.26	4595.87	4570.3
G19	4612.39	4594.53	4611.51	4590.13	4604.73	4580.34	4597.63	4566.94	4581.17	4551.77
G20	4594.32	4580.24	4597.07	4575.17	4589.61	4564.3	4583.24	4551.1	4565.33	4532.15
G21	4584.23	4563.21	4582.1	4561.19	4575.12	4546.64	4563.36	4529.92	4547.78	4512.53
G22	4567.56	4540.22	4565.28	4537.48	4556.53	4525.68	4545.3	4508.28	4526.66	4488.35
G23	4550.42	4523.04	4547.26	4515.69	4538.26	4504.66	4524.33	4483.69	4504.87	4463.04
G24	4528.89	4499.02	4526.35	4490.32	4515.94	4479.19	4503.26	4457.03	4484.16	4435.91
G25	4506.06	4469.61	4503.42	4464.9	4494.2	4452.48	4478.93	4428.3	4454.34	4405.68
G26	4480.38	4443.73	4477.64	4437.72	4466.71	4421.52	4451.91	4399.67	4425.51	4367.11
G27	4452.27	4410.6	4450.66	4398.43	4439.07	4386.52	4421.26	4361.31	4393.72	4330.46
G28	4421.26	4375.08	4418.78	4365.77	4406.92	4349.25	4383.57	4322.69	4359.14	4292.82
G29	4386.63	4332.58	4379.43	4320.57	4367.27	4306.13	4349.72	4279.1	4320.68	4247.79
G30	4348.06	4290.34	4343.87	4278.48	4330.41	4258.35	4307.84	4231.32	4277.76	4197.47
G31	4303.13	4238.93	4298.78	4227.7	4285.73	4205.85	4261.25	4177.43	4230.18	4140.26
G32	4254.77	4182.14	4247.94	4167.75	4234.07	4146.01	4209.89	4116.97	4177.54	4077.11
G33	4200.31	4112.57	4191.98	4100.66	4177.17	4079.02	4151.55	4048.22	4118.52	4008.0
G34	4136.43	4042.52	4128.51	4025.13	4112.52	4001.42	4086.32	3968.19	4047.91	3921.7
G35	4066.13	3949.65	4057.12	3935.78	4039.37	3910.46	4010.95	3873.09	3971.03	3829.4
G36	3982.63	3849.12	3973.93	3833.17	3954.05	3809.93	3924.54	3767.38	3880.7	3717.27

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 5)

Gamma\C	C150	C155	C160	C165	C170	C175	C180	C185	C190	C195
G0	4667.0	4676.22	4682.22	4691.59	4702.62	4713.39	4730.21	4575.53	4576.56	4582.47
G1	4666.9	4678.65	4683.21	4693.98	4702.41	4712.25	4724.57	4575.17	4573.51	4580.08
G2	4672.08	4679.69	4683.78	4691.13	4701.95	4710.28	4726.49	4572.84	4570.82	4576.93
G3	4674.04	4675.08	4684.4	4688.9	4700.65	4707.18	4721.52	4571.91	4567.92	4574.55
G4	4678.13	4679.22	4683.67	4687.09	4699.31	4703.66	4719.6	4568.49	4564.55	4566.63
G5	4674.61	4677.36	4686.42	4684.4	4694.75	4698.58	4715.1	4564.19	4558.24	4561.81
G6	4674.1	4674.82	4683.78	4680.36	4690.97	4694.03	4709.14	4555.75	4553.68	4555.44
G7	4672.13	4671.35	4677.51	4675.75	4686.11	4687.56	4703.29	4553.17	4547.32	4552.08
G8	4672.03	4667.78	4674.92	4670.89	4680.2	4680.0	4696.46	4546.64	4541.36	4540.17
G9	4667.42	4660.53	4669.28	4662.91	4674.56	4668.97	4688.13	4538.93	4532.41	4533.03
G10	4663.64	4652.82	4662.66	4654.06	4667.16	4656.55	4678.7	4534.79	4523.92	4522.57
G11	4658.31	4645.52	4655.41	4645.73	4657.69	4650.65	4667.63	4520.45	4513.1	4511.54
G12	4646.61	4636.93	4648.16	4633.98	4648.47	4636.88	4656.39	4512.73	4502.02	4499.22
G13	4644.02	4625.43	4633.41	4621.4	4636.98	4623.67	4644.33	4497.36	4488.87	4485.45
G14	4634.23	4613.89	4626.16	4608.45	4620.46	4608.35	4630.51	4484.68	4474.63	4471.27
G15	4623.0	4601.36	4614.61	4593.44	4606.02	4592.15	4615.18	4470.65	4454.44	4455.58
G16	4610.73	4587.38	4602.09	4576.93	4595.46	4575.94	4600.53	4456.31	4442.49	4439.02
G17	4598.05	4571.85	4586.61	4559.38	4579.05	4554.87	4577.76	4439.53	4423.64	4420.07
G18	4586.61	4554.93	4571.44	4540.64	4560.57	4535.1	4563.0	4416.96	4405.37	4399.26
G19	4566.57	4532.25	4551.87	4525.21	4541.88	4511.49	4539.29	4402.31	4384.51	4378.55
G20	4548.09	4515.94	4532.15	4498.96	4521.85	4487.52	4518.69	4381.19	4362.04	4355.98
G21	4529.51	4488.15	4511.44	4474.43	4498.19	4460.76	4492.44	4358.52	4340.45	4331.34
G22	4508.96	4467.75	4488.61	4447.61	4472.67	4431.87	4465.0	4334.03	4311.41	4305.46
G23	4484.21	4440.31	4465.73	4414.89	4445.23	4400.4	4439.69	4305.87	4284.13	4277.5
G24	4457.45	4409.77	4438.4	4385.85	4414.94	4365.61	4401.95	4276.26	4253.84	4247.68
G25	4429.03	4376.58	4407.7	4350.29	4382.23	4327.82	4368.97	4244.58	4221.07	4216.47
G26	4401.8	4342.06	4374.05	4312.81	4345.99	4287.03	4332.79	4211.5	4186.65	4181.16
G27	4367.73	4300.95	4334.96	4266.47	4308.41	4237.22	4288.68	4177.38	4148.29	4144.15
G28	4326.68	4258.61	4295.77	4223.45	4266.06	4192.24	4244.52	4136.02	4107.8	4103.77
G29	4289.67	4213.83	4256.38	4172.98	4221.28	4139.59	4195.4	4091.91	4064.99	4059.87
G30	4243.44	4158.33	4208.8	4119.3	4171.32	4081.66	4141.76	4046.46	4014.57	4010.22
G31	4193.95	4098.43	4156.88	4056.09	4116.24	4016.17	4085.75	3996.19	3962.34	3957.57
G32	4138.45	4034.45	4098.02	3986.82	4051.79	3946.55	4021.97	3939.66	3904.87	3900.11
G33	4077.42	3960.21	4033.26	3909.53	3987.34	3863.92	3949.65	3879.51	3840.89	3839.02
G34	4005.25	3874.23	3958.97	3821.06	3907.36	3771.73	3868.69	3808.58	3767.22	3765.15
G35	3926.25	3776.59	3875.21	3723.32	3824.84	3666.22	3778.77	3737.09	3692.47	3687.14
G36	3834.0	3664.41	3781.15	3603.69	3726.12	3545.34	3675.9	3651.99	3599.96	3596.65

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 6)

Gamma\C	C200	C205	C210	C215	C220	C225	C230	C235	C240	C245
G0	4579.52	4590.28	4585.52	4593.91	4590.85	4599.29	4594.27	4604.73	4598.36	4607.57
G1	4576.72	4584.54	4580.6	4588.16	4585.21	4594.11	4588.01	4593.7	4591.94	4600.22
G2	4574.03	4580.86	4576.77	4583.61	4576.25	4587.38	4581.69	4586.71	4585.57	4592.77
G3	4567.56	4574.86	4570.61	4577.86	4571.91	4579.15	4571.18	4581.38	4576.93	4583.5
G4	4565.23	4569.32	4563.42	4570.3	4565.8	4571.03	4567.76	4572.48	4568.28	4574.96
G5	4558.34	4563.52	4556.94	4563.78	4557.88	4563.57	4558.08	4562.17	4558.81	4564.87
G6	4552.8	4555.44	4549.02	4555.75	4548.56	4551.92	4548.3	4552.29	4548.35	4553.89
G7	4544.31	4546.64	4540.28	4544.68	4537.53	4540.95	4536.65	4540.59	4536.34	4542.71
G8	4536.5	4537.79	4532.2	4533.8	4526.56	4529.71	4526.09	4531.32	4523.87	4530.54
G9	4525.21	4526.35	4518.33	4522.31	4518.02	4517.13	4512.01	4514.08	4509.11	4515.84
G10	4514.03	4514.34	4508.85	4508.8	4502.54	4503.57	4497.46	4499.9	4495.08	4500.21
G11	4502.38	4501.71	4495.24	4498.14	4488.51	4489.03	4482.76	4484.11	4479.29	4483.75
G12	4489.18	4487.68	4480.74	4481.1	4471.89	4471.32	4469.41	4468.32	4462.16	4467.49
G13	4474.58	4472.3	4462.67	4463.55	4457.34	4456.41	4448.39	4450.82	4444.04	4448.49
G14	4457.71	4460.81	4446.32	4447.92	4440.0	4439.17	4429.7	4431.72	4424.47	4428.3
G15	4441.97	4440.88	4429.91	4428.25	4420.33	4414.74	4411.06	4411.68	4404.13	4407.28
G16	4424.68	4423.69	4411.27	4409.51	4396.52	4400.19	4387.61	4390.15	4381.97	4387.71
G17	4405.73	4403.56	4392.63	4389.79	4376.48	4374.1	4366.23	4367.11	4358.88	4359.97
G18	4385.7	4379.85	4366.85	4366.96	4353.75	4352.82	4342.16	4342.16	4331.86	4338.38
G19	4362.71	4361.26	4343.4	4342.42	4329.99	4327.09	4310.74	4311.98	4303.9	4307.16
G20	4338.54	4333.2	4318.4	4317.05	4301.37	4299.97	4286.56	4287.8	4274.96	4278.79
G21	4314.2	4310.68	4291.22	4290.24	4272.22	4271.34	4257.05	4258.35	4245.09	4250.63
G22	4287.85	4282.88	4263.32	4261.09	4241.78	4240.64	4226.09	4227.7	4212.58	4216.21
G23	4258.61	4253.48	4232.31	4229.98	4211.34	4209.63	4192.96	4193.69	4178.57	4182.4
G24	4227.75	4225.01	4201.04	4197.93	4176.19	4175.36	4158.02	4159.88	4141.51	4147.1
G25	4189.55	4188.61	4165.53	4162.73	4140.16	4139.38	4119.04	4119.61	4103.66	4107.91
G26	4157.97	4151.91	4127.99	4122.51	4101.95	4099.11	4078.35	4080.11	4065.2	4066.13
G27	4119.09	4112.41	4087.61	4082.96	4060.75	4057.33	4038.44	4035.95	4016.9	4021.09
G28	4077.05	4070.95	4042.06	4039.16	4014.73	4009.34	3987.5	3988.27	3968.55	3973.78
G29	4030.62	4024.51	3993.71	3994.02	3963.73	3962.7	3935.99	3937.44	3912.64	3917.09
G30	3978.07	3974.4	3941.68	3937.8	3908.81	3906.74	3879.14	3880.9	3857.09	3863.35
G31	3924.8	3919.78	3884.06	3885.25	3849.48	3848.65	3818.78	3821.99	3794.92	3801.34
G32	3863.46	3859.73	3822.15	3818.58	3783.89	3783.17	3751.74	3754.49	3725.91	3732.64
G33	3795.8	3795.02	3751.95	3753.5	3712.92	3712.14	3676.99	3682.58	3645.41	3659.39
G34	3725.86	3720.63	3675.44	3673.21	3630.76	3631.28	3589.24	3598.56	3559.53	3570.55
G35	3638.11	3637.8	3587.02	3587.07	3540.53	3541.67	3494.14	3505.95	3463.91	3476.08
G36	3543.58	3542.39	3488.04	3488.14	3436.42	3442.74	3392.37	3400.5	3354.06	3367.21

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 7)

Gamma\C	C250	C255	C260	C265	C270	C275	C280	C285	C290	C295
G0	4603.07	4613.42	4608.14	4621.65	4612.91	4625.49	4621.86	4632.47	4625.12	4638.12
G1	4595.93	4606.23	4601.0	4610.11	4606.12	4618.13	4609.9	4624.19	4618.76	4631.49
G2	4586.56	4599.08	4593.13	4604.31	4597.63	4609.8	4602.03	4615.34	4611.72	4623.67
G3	4578.48	4590.39	4583.3	4593.65	4589.61	4600.48	4594.68	4607.06	4603.28	4616.43
G4	4572.27	4579.67	4577.76	4584.23	4581.28	4590.7	4586.25	4596.86	4595.62	4607.68
G5	4560.21	4569.63	4567.3	4569.84	4570.82	4581.12	4576.77	4586.5	4585.78	4598.41
G6	4552.49	4557.26	4552.39	4561.86	4558.6	4568.33	4562.17	4577.7	4575.53	4587.07
G7	4536.39	4542.71	4543.02	4548.51	4545.81	4555.5	4553.42	4563.73	4563.16	4570.87
G8	4527.7	4531.63	4529.56	4535.41	4533.55	4541.67	4540.17	4552.8	4554.51	4562.79
G9	4511.34	4516.05	4513.1	4520.91	4518.17	4527.33	4525.78	4536.34	4537.53	4548.2
G10	4496.74	4499.33	4498.65	4505.18	4503.0	4511.7	4509.78	4522.67	4523.55	4534.37
G11	4479.5	4482.81	4483.49	4487.73	4485.4	4494.36	4493.37	4505.13	4506.99	4517.6
G12	4461.69	4465.47	4466.66	4473.6	4471.63	4476.86	4474.22	4488.92	4489.34	4499.17
G13	4443.42	4446.94	4443.62	4450.41	4448.85	4461.95	4458.33	4464.44	4470.6	4481.36
G14	4422.3	4427.42	4423.38	4430.79	4428.51	4437.98	4434.51	4449.53	4451.18	4460.86
G15	4401.54	4405.78	4401.85	4408.32	4407.34	4415.67	4412.3	4426.44	4428.92	4439.74
G16	4377.05	4382.33	4378.09	4385.7	4383.11	4392.74	4392.84	4403.19	4403.04	4418.31
G17	4352.41	4357.9	4353.39	4359.81	4357.95	4365.51	4364.89	4378.55	4379.64	4393.41
G18	4325.85	4332.12	4327.09	4334.13	4331.18	4341.69	4338.9	4352.56	4353.29	4367.32
G19	4298.26	4303.85	4297.79	4305.4	4301.42	4308.87	4309.54	4323.99	4325.33	4340.14
G20	4268.23	4274.81	4266.73	4276.31	4272.27	4278.79	4279.88	4293.86	4295.46	4312.24
G21	4241.52	4243.9	4231.79	4239.61	4239.92	4251.98	4248.1	4267.3	4263.37	4282.0
G22	4204.3	4211.08	4202.18	4211.03	4206.01	4218.23	4214.65	4229.25	4233.45	4249.86
G23	4170.03	4176.86	4166.66	4176.45	4170.13	4182.71	4179.14	4194.77	4195.6	4215.9
G24	4133.27	4139.59	4128.41	4138.66	4131.77	4148.23	4140.63	4158.07	4158.54	4179.24
G25	4094.03	4099.73	4087.82	4097.86	4090.72	4109.05	4099.68	4118.57	4117.9	4138.86
G26	4045.99	4055.57	4043.82	4056.04	4050.24	4062.09	4056.61	4076.02	4075.45	4094.4
G27	4000.13	4011.88	3997.54	4011.26	3999.35	4016.33	4009.96	4029.63	4029.43	4051.48
G28	3954.88	3962.7	3946.55	3958.4	3948.0	3966.89	3958.04	3980.97	3974.24	4002.04
G29	3900.21	3908.29	3892.09	3904.3	3893.95	3912.12	3902.6	3927.55	3922.37	3948.05
G30	3840.73	3850.1	3832.4	3846.32	3833.12	3853.67	3843.53	3868.69	3862.37	3888.83
G31	3777.42	3788.03	3767.58	3783.74	3768.77	3790.26	3778.09	3805.01	3796.88	3826.86
G32	3706.96	3718.25	3698.01	3713.43	3698.78	3720.16	3707.64	3731.14	3725.91	3756.71
G33	3626.98	3641.94	3616.99	3637.23	3616.68	3642.93	3626.1	3657.32	3644.58	3679.37
G34	3539.08	3554.14	3526.76	3547.15	3525.98	3551.87	3530.54	3567.29	3554.04	3591.78
G35	3438.7	3457.65	3424.78	3448.95	3423.38	3452.99	3427.52	3467.17	3450.35	3494.56
G36	3326.78	3346.55	3311.82	3336.1	3306.85	3337.39	3314.2	3352.51	3335.99	3380.77

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 8)

Gamma\C	C300	C305	C310	C315	C320	C325	C330	C335	C340	C345
G0	4634.39	4646.09	4643.19	4655.36	4654.11	4664.42	4667.0	4676.22	4682.22	4691.59
G1	4628.02	4639.98	4637.76	4650.13	4648.26	4660.12	4663.85	4673.99	4680.0	4690.51
G2	4618.65	4633.56	4631.54	4639.31	4643.29	4656.96	4659.14	4670.21	4677.31	4689.89
G3	4613.17	4627.3	4624.86	4637.5	4636.82	4650.96	4653.65	4666.54	4674.1	4687.14
G4	4604.57	4618.45	4617.36	4626.99	4630.25	4645.57	4647.07	4660.48	4669.02	4684.04
G5	4595.72	4609.65	4609.7	4622.23	4623.93	4637.76	4641.59	4653.91	4662.24	4674.35
G6	4585.21	4600.07	4596.13	4611.56	4615.75	4630.82	4632.73	4648.21	4656.18	4672.65
G7	4574.55	4589.35	4585.88	4602.03	4606.8	4621.71	4624.09	4639.98	4648.47	4666.28
G8	4565.18	4573.1	4575.01	4590.8	4595.82	4612.13	4615.24	4630.71	4640.65	4657.53
G9	4550.27	4564.04	4563.0	4578.07	4584.74	4600.38	4604.16	4620.31	4630.56	4648.68
G10	4536.03	4547.21	4552.29	4565.49	4572.16	4584.9	4596.6	4609.59	4620.93	4637.39
G11	4520.76	4533.44	4537.01	4550.06	4557.67	4573.92	4581.33	4596.91	4608.82	4626.63
G12	4503.88	4517.19	4520.29	4534.32	4542.24	4559.12	4567.4	4584.07	4596.03	4613.99
G13	4485.87	4499.74	4502.48	4517.86	4525.26	4543.74	4552.13	4569.52	4581.85	4599.34
G14	4465.99	4480.02	4484.78	4501.09	4508.9	4526.25	4535.62	4554.67	4566.83	4585.73
G15	4446.26	4458.58	4465.73	4481.88	4489.75	4510.92	4518.58	4537.07	4549.8	4571.03
G16	4423.54	4438.5	4443.78	4461.54	4469.04	4492.44	4499.95	4519.46	4529.09	4553.37
G17	4400.6	4413.81	4421.62	4438.65	4450.87	4466.66	4479.19	4499.53	4513.77	4536.03
G18	4375.96	4389.16	4397.34	4415.31	4423.43	4445.85	4457.29	4479.19	4494.2	4516.62
G19	4345.16	4363.18	4370.48	4386.78	4398.59	4421.88	4434.51	4456.72	4470.8	4495.08
G20	4315.86	4335.43	4343.66	4364.26	4372.49	4396.72	4407.54	4433.32	4448.18	4473.86
G21	4285.63	4304.89	4315.14	4334.86	4340.86	4368.82	4384.51	4410.44	4424.06	4449.53
G22	4252.86	4274.24	4282.16	4303.8	4314.62	4339.88	4352.31	4377.78	4395.53	4424.06
G23	4219.57	4240.23	4248.56	4271.29	4282.73	4308.51	4320.36	4352.1	4364.73	4395.17
G24	4182.66	4205.08	4213.72	4236.5	4243.54	4276.1	4287.13	4316.17	4334.96	4364.0
G25	4142.64	4167.8	4173.55	4198.92	4207.1	4236.03	4251.67	4281.02	4298.16	4329.94
G26	4101.28	4125.35	4130.89	4158.43	4168.22	4201.45	4212.79	4243.54	4259.9	4293.6
G27	4056.24	4081.3	4087.41	4116.6	4126.13	4159.78	4172.51	4204.25	4219.68	4255.5
G28	4006.7	4032.38	4039.52	4069.91	4079.69	4113.5	4126.54	4160.5	4176.92	4213.15
G29	3951.0	3980.14	3985.17	4018.81	4027.72	4064.27	4077.62	4112.0	4127.32	4166.2
G30	3891.0	3922.11	3926.56	3962.34	3970.88	4009.03	4021.61	4060.33	4076.07	4116.45
G31	3826.81	3860.15	3863.56	3901.92	3908.45	3951.0	3961.3	4003.44	4018.09	4061.68
G32	3755.78	3790.05	3797.2	3835.3	3842.29	3883.7	3895.35	3939.4	3954.26	4001.11
G33	3676.47	3714.99	3717.58	3761.84	3768.77	3816.45	3822.87	3870.03	3882.15	3932.31
G34	3586.91	3628.95	3629.93	3677.2	3682.01	3730.62	3740.97	3791.6	3803.93	3852.12
G35	3485.03	3532.19	3530.07	3583.13	3585.15	3639.66	3647.17	3703.49	3712.61	3770.9
G36	3373.01	3423.53	3419.6	3474.06	3476.75	3533.7	3539.18	3599.34	3610.16	3671.19

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 9)

Gamma\C	C350	C355	C360							
G0	4702.62	4713.39	4730.21							
G1	4701.27	4714.06	4731.09							
G2	4700.03	4715.87	4730.42							
G3	4697.24	4709.35	4729.59							
G4	4694.49	4710.64	4726.49							
G5	4689.78	4708.99	4723.53							
G6	4683.93	4703.55	4719.08							
G7	4677.77	4697.65	4714.32							
G8	4670.52	4691.13	4708.21							
G9	4663.02	4683.31	4701.84							
G10	4653.13	4674.46	4696.1							
G11	4644.12	4664.47	4686.62							
G12	4632.94	4656.75	4675.7							
G13	4619.53	4640.5	4664.42							
G14	4599.5	4628.9	4652.04							
G15	4584.38	4611.87	4636.77							
G16	4572.48	4597.22	4621.91							
G17	4552.65	4580.55	4605.24							
G18	4536.03	4563.21	4587.8							
G19	4514.44	4544.16	4568.33							
G20	4491.77	4522.93	4547.63							
G21	4468.94	4500.67	4525.11							
G22	4444.14	4475.36	4502.02							
G23	4415.83	4447.87	4478.83							
G24	4385.23	4420.74	4446.83							
G25	4352.05	4388.23	4416.39							
G26	4316.64	4353.03	4383.37							
G27	4277.5	4315.81	4345.52							
G28	4235.21	4274.7	4305.2							
G29	4189.03	4231.06	4259.07							
G30	4134.1	4182.92	4209.53							
G31	4081.2	4128.2	4151.91							
G32	4019.44	4068.62	4095.59							
G33	3949.6	4003.54	4028.96							
G34	3873.19	3930.29	3953.38							
G35	3786.48	3843.37	3870.86							
G36	3685.95	3751.85	3771.52							

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 9:20:35

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

