杭州创惠仪器有限公司
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Report No.: 1 Test Time: 2019/3/28 16:45

Luminaire Property

Luminaire Manufacturer: HAVIT LIGHTING 143 Beauchamp Road,Matraville, NSW 2036, Australia
Luminaire Description: HCP-8821204 + HCP-8831204 (4000K) Voltage: 220 V
Current: 0.054 A Power: 10.58 W
Power Factor: 0.888

Photometric Results

CIE Class: Direct
Measurement Flux: 881.4 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(50%): H49.7
Vertical Diffuse Angle(50%): V49.4
Luminaire Efficacy Rating (LER): 83.36
Max. Intensity: 1143.82 cd
S/MH(C0/C180): 0.75

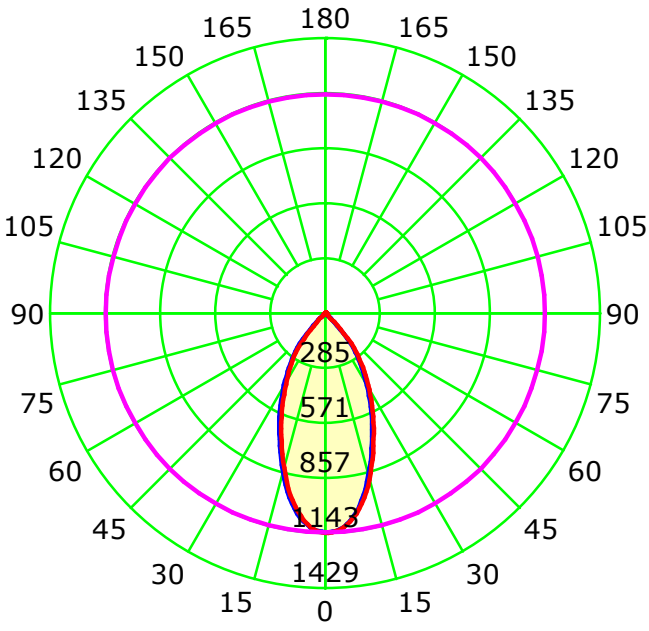
Total Rated Lamp Lumens: 881.4 lm
Efficiency: 100%
Upward Ratio: 1%

Central Intensity: 1139 cd
Pos of Max. Intensity: H135 V0
S/MH(C90/C270): 0.74

Picture Of Luminaire



Luminous Intensity Distribution Curve

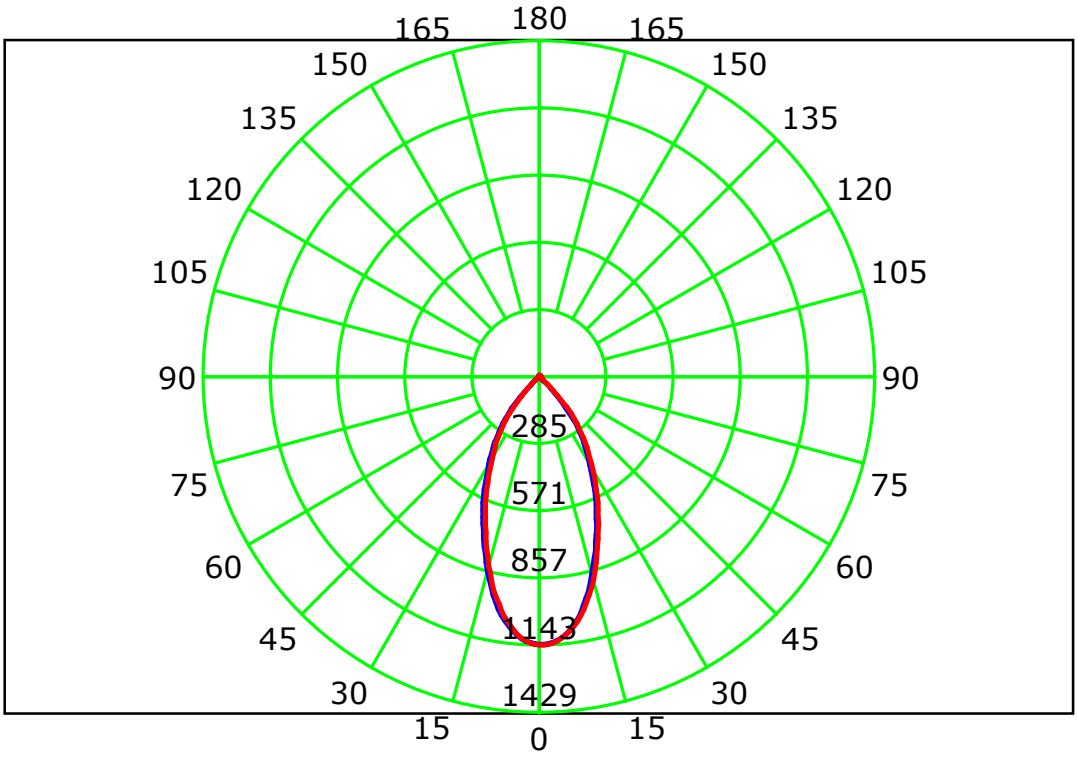


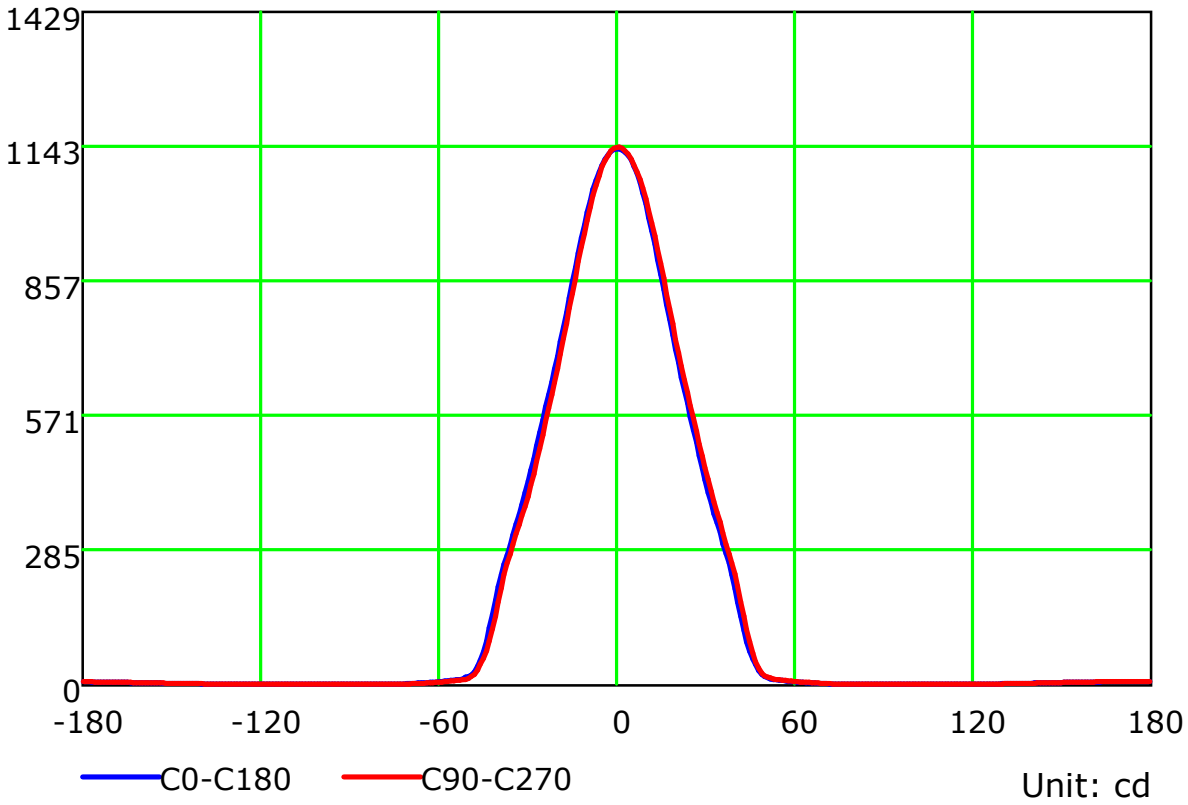
Unit: cd
Average Diffuse Angle(50%): 49.6°
C0-C180 C90-C270 G0

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Luminous Intensity Distribution Curve





C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

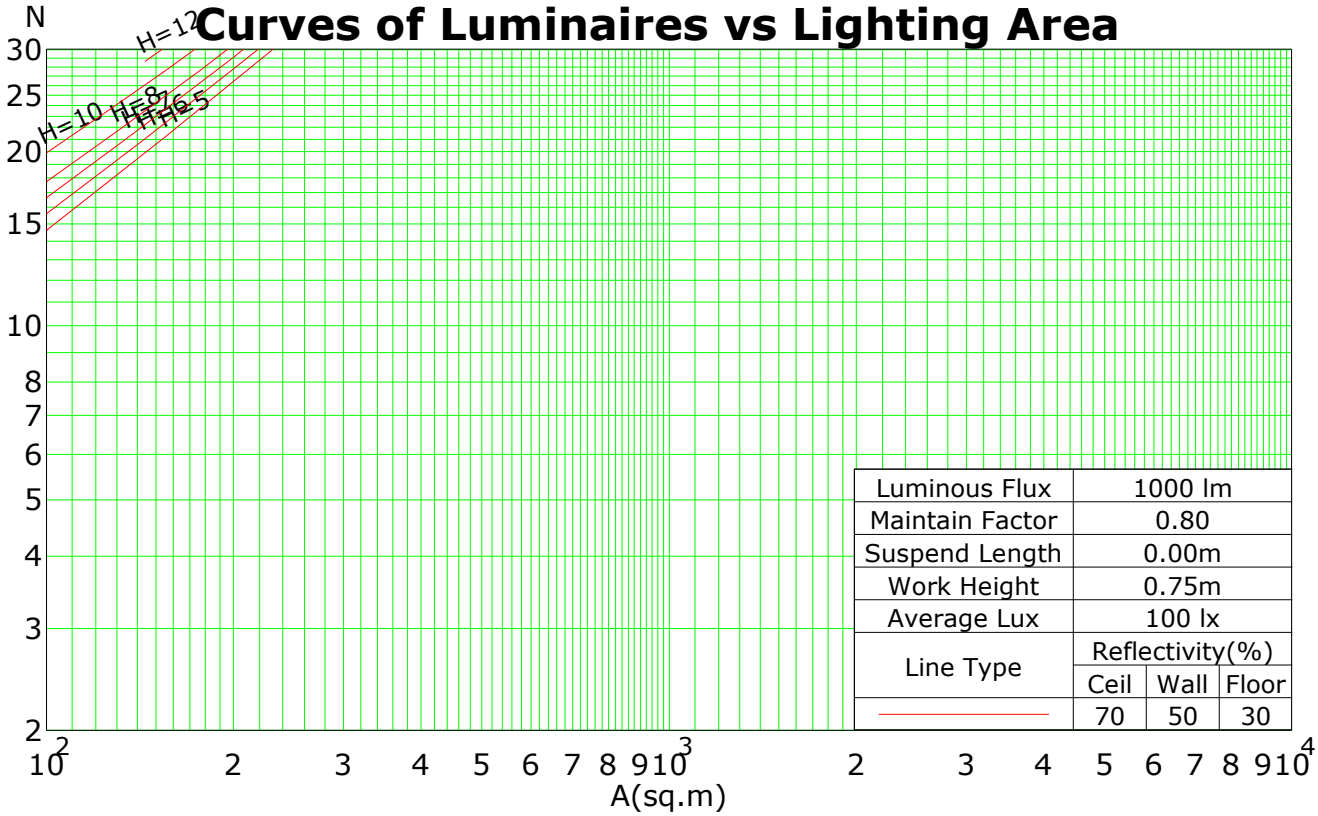
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	77	74	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	70	66	63	69	65	62	61
8	79	69	63	59	78	69	63	59	68	63	59	67	62	59	66	61	58	57
9	75	66	60	56	74	65	59	56	64	59	55	63	58	55	62	58	55	54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	50

Spacing Criteria (0-180): 0.75
Spacing Criteria (90-270): 0.74
Spacing Criteria (Diagonal): 0.81

Curves of Luminaires vs Lighting Area

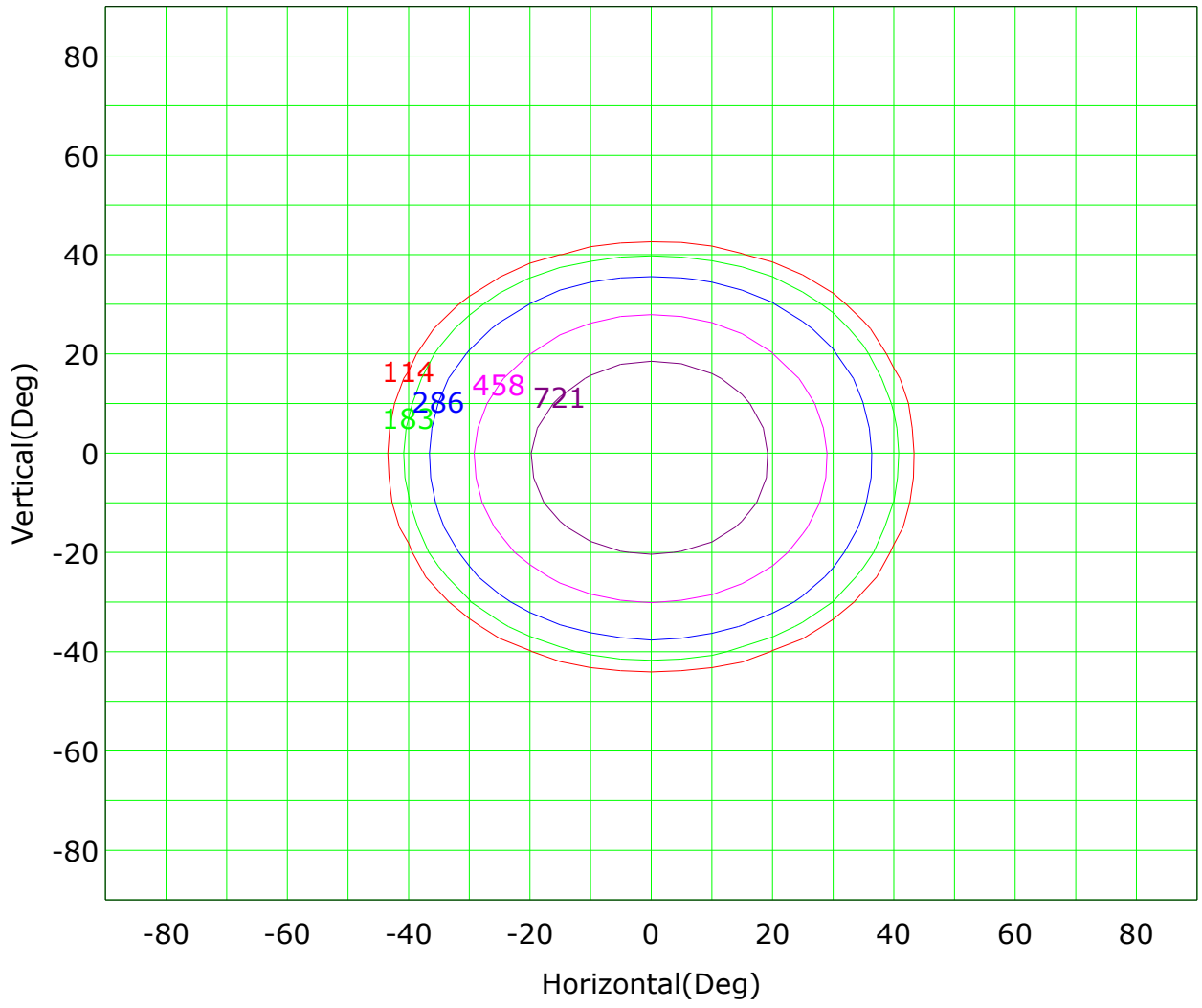


Luminous Flux	1000 lm		
Maintain Factor	0.80		
Suspend Length	0.00m		
Work Height	0.75m		
Average Lux	100 lx		
Line Type	Reflectivity(%)		
	Ceil	Wall	Floor
	70	50	30

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Isocandela (rectangle)



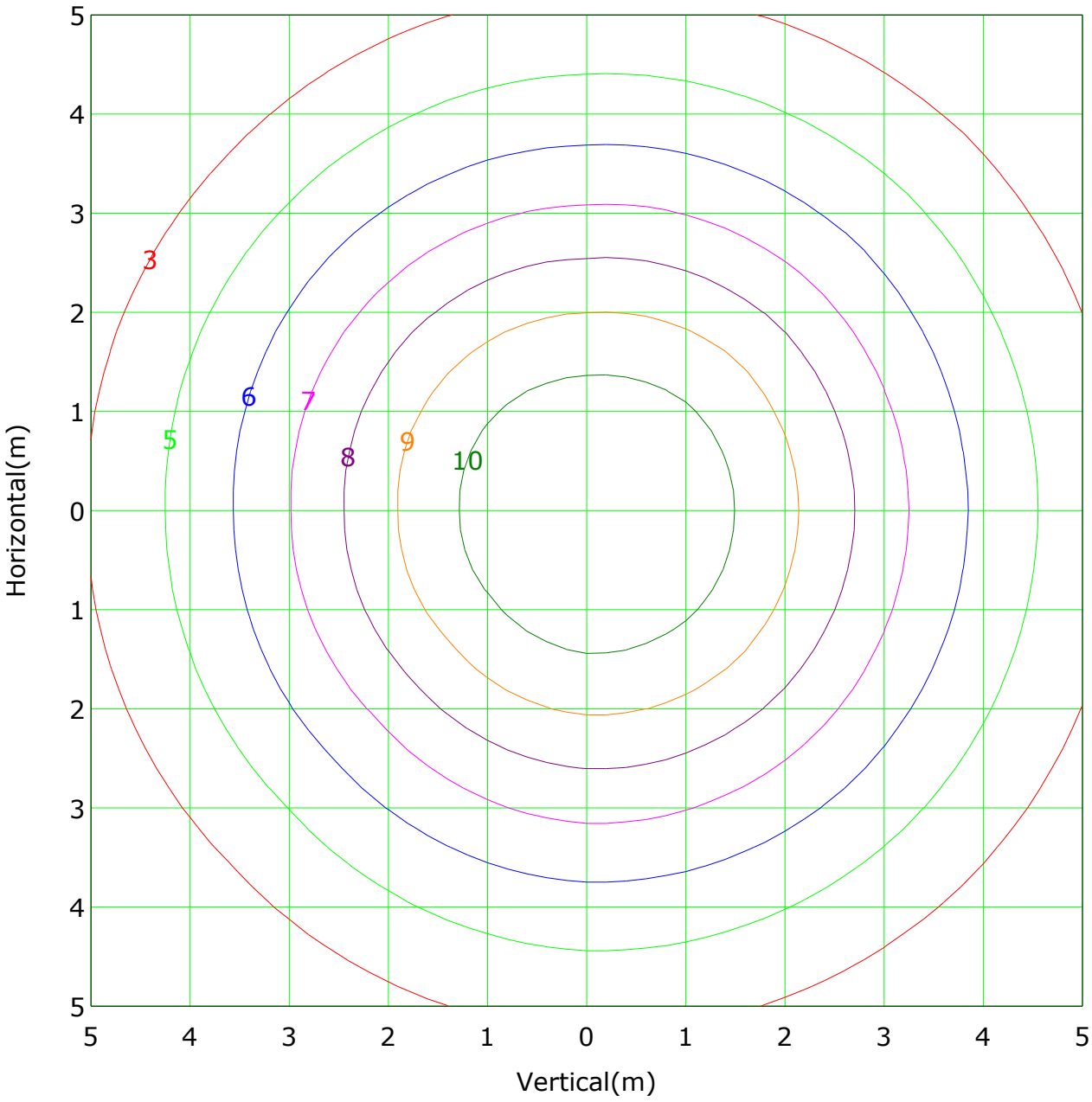
Imax (100%): 1144 cd

(10%): 114 cd	(16%): 183 cd
(25%): 286 cd	(40%): 458 cd
(63%): 721 cd	(100%): 1144 cd

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 11.4 lx

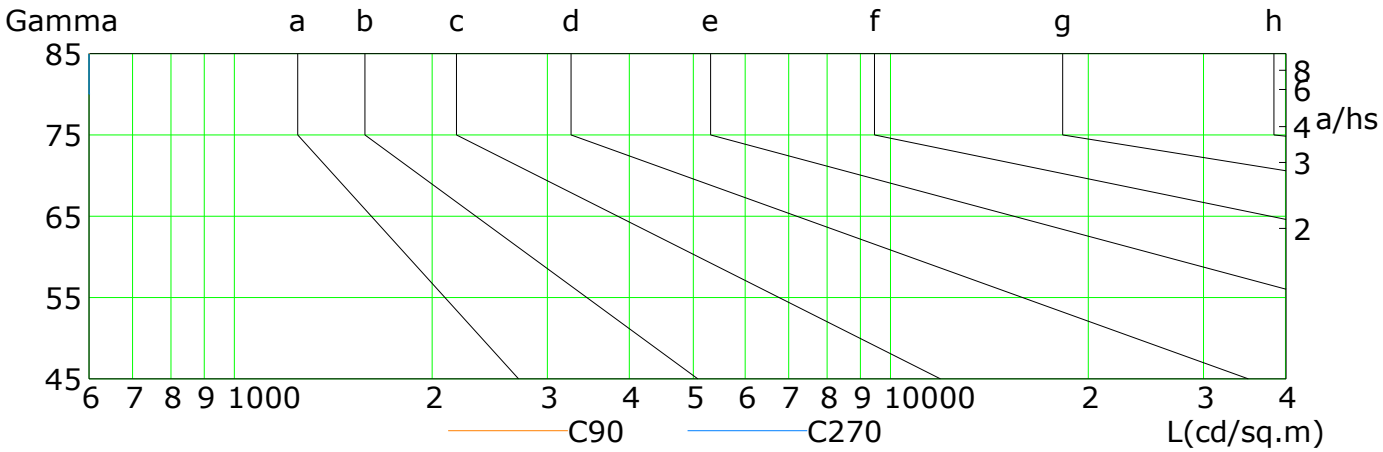
(30%): 3.4 lx	(40%): 4.6 lx
(50%): 5.7 lx	(60%): 6.9 lx
(70%): 8.0 lx	(80%): 9.2 lx
(90%): 10.3 lx	(100%): 11.4 lx
(120%): 13.7 lx	(150%): 17.2 lx

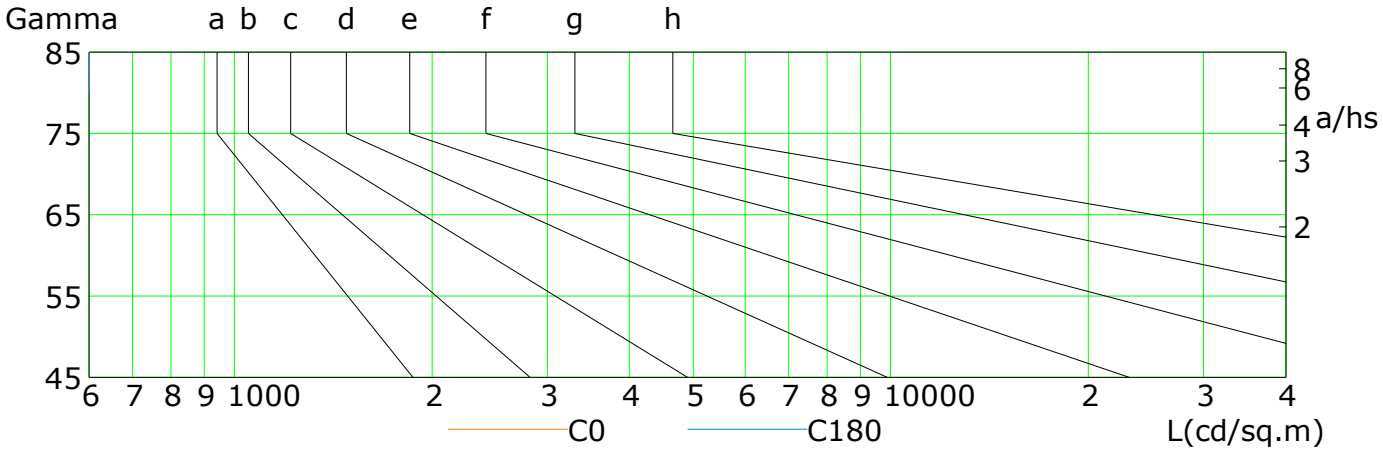
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



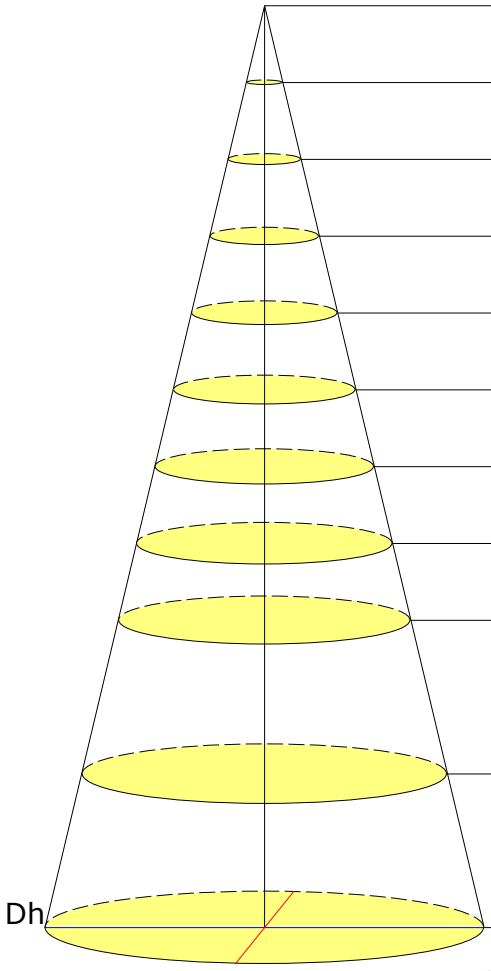


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	70	17	9	6	3	2	0	0	0
C90	90	18	10	7	4	2	1	0	0
C180	69	17	9	6	4	2	0	0	0
C270	55	14	8	5	3	1	0	0	0

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Illuminance at a Distance



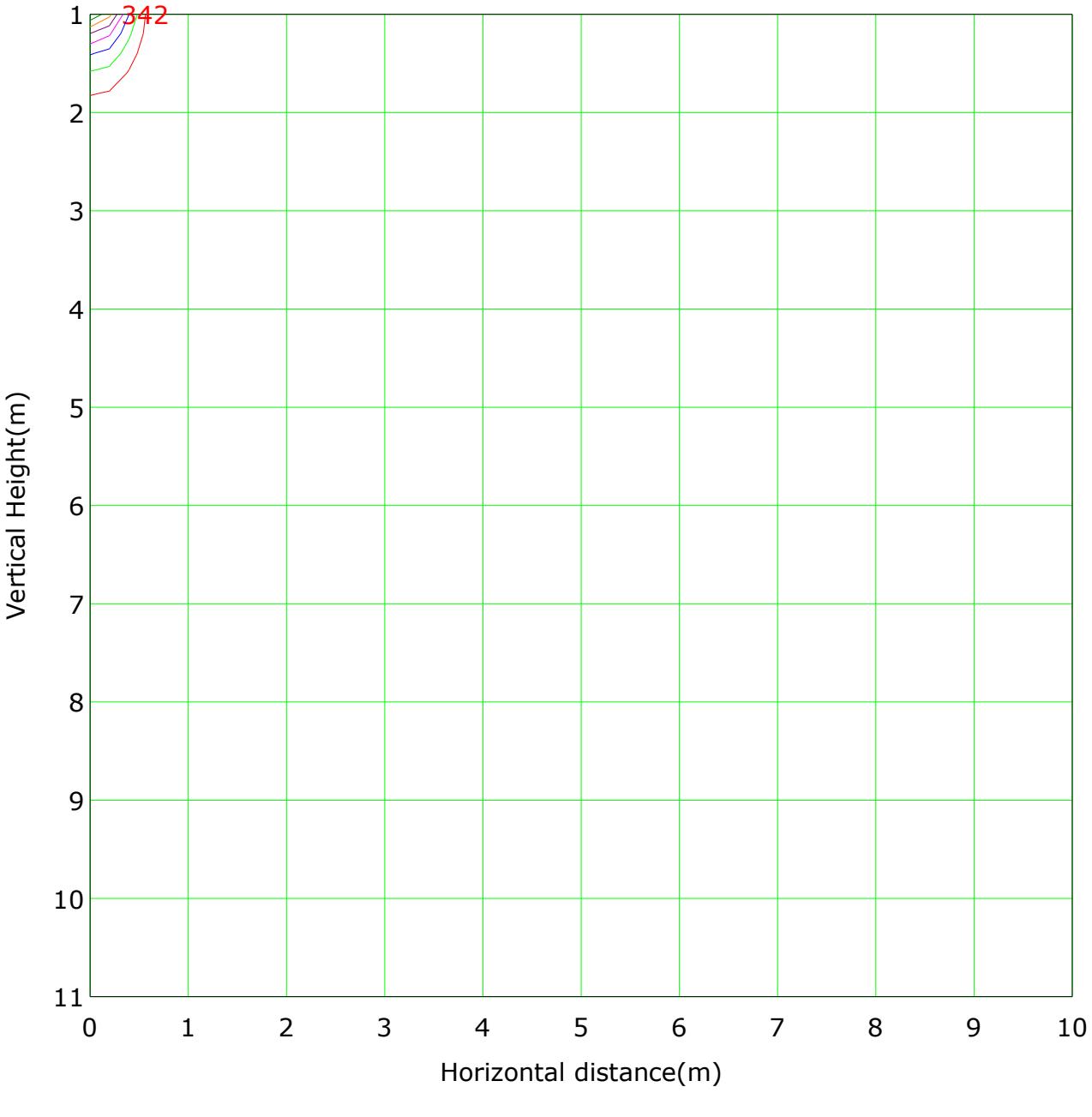
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1139.00	0.93/0.92	0.7	435.58
2.0	284.75	1.85/1.84	2.7	108.90
3.0	126.56	2.78/2.76	6.0	48.40
4.0	71.19	3.71/3.68	10.7	27.22
5.0	45.56	4.63/4.60	16.7	17.42
6.0	31.64	5.56/5.52	24.1	12.10
7.0	23.24	6.49/6.44	32.8	8.89
8.0	17.80	7.42/7.36	42.9	6.81
10.0	11.39	9.27/9.20	67.0	4.36
12.0	7.91	11.12/11.04	96.5	3.02

Beam Angle(B): H49.7 V49.4 Field Angle(F): H86.3 V86.2

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Vertical IsoLux Plot



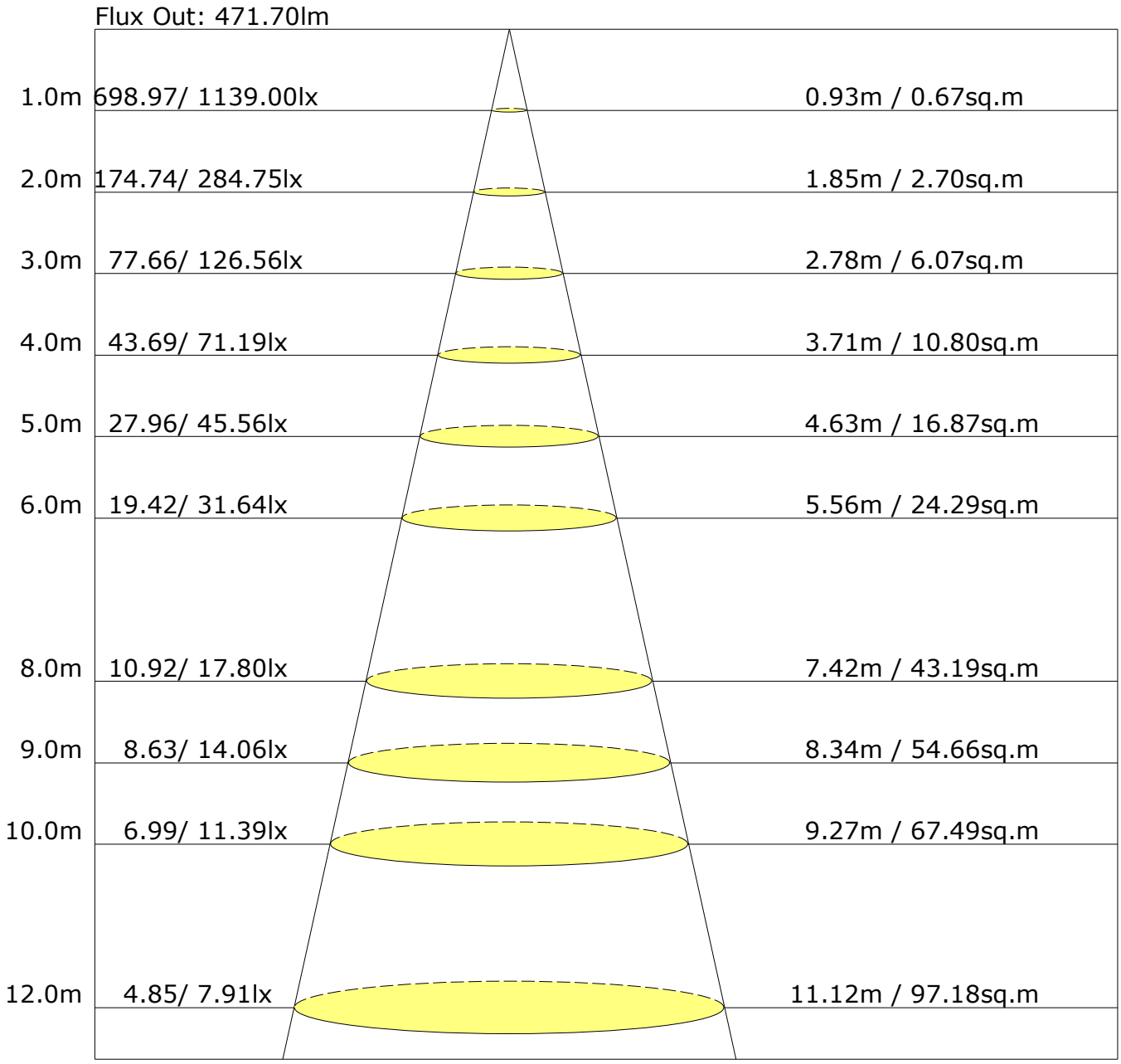
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1139.0 lx

(30%): 341.7 lx	(40%): 455.6 lx
(50%): 569.5 lx	(60%): 683.4 lx
(70%): 797.3 lx	(80%): 911.2 lx
(90%):1025.1 lx	(100%):1139.0 lx
(120%):1366.8 lx	(150%):1708.5 lx

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

UGR Table

Reflectance: Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
4H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
6H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
8H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
12H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
X=4H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
4H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
6H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
8H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
12H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
X=8H Y=4H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
6H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
8H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
12H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
X=12H Y=4H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
6H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
8H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
Variations with the observer position at spacings:										
S=1.0H	-1.$/-1.$					-1.$/-1.$				
S=1.5H	-1.$/-1.$					-1.$/-1.$				
S=2.0H	-1.$/-1.$					-1.$/-1.$				

Calculate in accordance with CIE Pub.117. The table is revised with 881lm (8log(F/F0) = -0.4).

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	1139.0	1142.8	1142.4	1143.8	1139.0	1142.8	1142.4	1143.8	1139.0	
G1.0	1138.8	1142.7	1142.5	1143.3	1137.3	1141.0	1140.1	1141.9	1138.8	
G2.0	1136.8	1140.3	1139.9	1140.5	1133.1	1136.6	1135.0	1137.2	1136.8	
G3.0	1132.7	1136.5	1134.6	1134.9	1126.3	1129.4	1126.0	1129.6	1132.7	
G4.0	1125.1	1130.0	1127.7	1127.6	1117.2	1118.8	1114.4	1118.6	1125.1	
G5.0	1115.6	1120.1	1117.9	1118.0	1104.3	1106.3	1100.3	1103.1	1115.6	
G6.0	1102.7	1108.4	1105.0	1105.5	1089.6	1090.4	1081.6	1085.8	1102.7	
G7.0	1086.9	1094.1	1090.5	1089.9	1072.5	1069.5	1061.6	1065.4	1086.9	
G8.0	1066.4	1075.4	1074.1	1073.2	1053.1	1048.6	1039.6	1043.2	1066.4	
G9.0	1045.0	1055.9	1055.4	1053.8	1028.9	1025.4	1015.7	1016.5	1045.0	
G10.0	1021.4	1033.9	1032.3	1030.6	1004.0	1000.2	987.1	989.9	1021.4	
G11.0	993.0	1007.2	1008.9	1006.8	977.6	972.7	959.5	962.0	993.0	
G12.0	965.3	980.7	981.1	981.3	949.6	940.9	930.1	932.2	965.3	
G13.0	936.5	952.4	953.9	953.7	917.6	911.2	899.4	898.9	936.5	
G14.0	903.2	923.0	925.6	921.5	887.6	880.6	864.5	867.6	903.2	
G15.0	871.8	888.7	895.3	890.7	856.5	849.1	831.8	835.5	871.8	
G16.0	839.8	857.0	863.9	859.0	821.6	813.9	799.3	799.9	839.8	
G17.0	807.9	824.9	829.6	827.4	790.1	781.9	767.3	767.7	807.9	
G18.0	776.4	793.5	798.4	792.8	759.1	750.2	735.9	736.3	776.4	
G19.0	742.9	759.7	767.2	762.1	729.1	719.3	701.6	705.5	742.9	
G20.0	713.0	729.8	733.9	732.5	697.9	689.8	671.5	676.0	713.0	
G21.0	684.0	700.9	705.0	701.7	670.3	661.3	641.7	647.1	684.0	
G22.0	653.1	670.5	677.2	674.9	643.4	630.2	615.6	616.2	653.1	
G23.0	625.5	643.2	647.1	648.0	616.7	601.1	587.1	588.5	625.5	
G24.0	598.4	616.2	620.1	618.7	590.0	572.4	558.5	561.0	598.4	
G25.0	568.7	589.6	593.4	591.6	563.1	544.1	530.4	533.7	568.7	
G26.0	541.8	560.2	567.0	564.9	535.4	513.3	502.4	505.9	541.8	
G27.0	514.9	533.6	538.3	537.7	507.7	485.3	475.2	479.1	514.9	
G28.0	487.3	505.8	511.8	509.8	480.6	459.5	447.8	454.1	487.3	
G29.0	459.9	478.2	485.6	482.7	455.0	435.1	424.0	428.2	459.9	
G30.0	434.6	451.9	460.5	454.3	432.5	408.0	399.8	403.9	434.6	
G31.0	408.1	425.2	436.0	430.2	408.3	384.2	377.3	381.4	408.1	
G32.0	385.6	402.6	410.7	404.6	382.5	364.2	359.1	362.5	385.6	
G33.0	363.2	378.1	388.3	380.9	361.4	346.1	340.3	344.4	363.2	
G34.0	344.5	358.0	365.4	360.4	341.4	326.0	320.3	322.8	344.5	
G35.0	323.5	337.1	344.5	340.4	317.9	303.1	298.2	297.5	323.5	
G36.0	298.9	311.0	322.0	318.6	295.5	281.7	277.6	277.5	298.9	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	278.0	288.3	297.5	296.0	274.5	262.5	257.9	259.8	278.0	
G38.0	258.0	268.1	277.4	274.6	255.5	241.1	233.8	237.9	258.0	
G39.0	233.5	246.9	258.5	250.8	232.9	216.2	204.4	209.4	233.5	
G40.0	203.3	218.1	235.5	224.2	207.0	189.2	175.0	180.7	203.3	
G41.0	174.3	189.6	208.6	195.4	179.4	161.7	145.4	151.1	174.3	
G42.0	145.0	160.9	175.5	165.6	147.1	133.5	117.2	121.9	145.0	
G43.0	115.4	133.7	145.7	133.9	120.6	105.7	92.0	93.7	115.4	
G44.0	90.9	104.3	116.5	106.7	91.3	81.8	71.4	69.4	90.9	
G45.0	70.1	80.6	90.0	83.1	69.0	61.4	55.0	51.3	70.1	
G46.0	54.0	61.9	65.6	62.7	51.3	47.9	42.4	36.0	54.0	
G47.0	42.5	46.6	49.0	49.1	38.7	34.5	30.0	24.0	42.5	
G48.0	28.9	32.6	34.9	36.8	26.2	23.9	21.4	18.1	28.9	
G49.0	20.9	22.0	23.6	23.9	19.8	19.2	17.3	15.3	20.9	
G50.0	17.3	17.1	18.1	18.3	16.9	16.3	13.5	12.9	17.3	
G51.0	14.8	15.1	15.7	16.0	15.0	11.9	10.6	10.6	14.8	
G52.0	11.5	13.1	14.1	14.2	11.6	10.8	9.6	9.7	11.5	
G53.0	10.4	11.0	12.1	11.3	10.6	9.8	8.9	8.9	10.4	
G54.0	9.6	10.1	10.6	10.3	9.8	9.1	8.2	8.2	9.6	
G55.0	8.9	9.3	9.8	9.6	9.0	8.3	7.6	7.6	8.9	
G56.0	8.2	8.6	9.0	8.8	8.3	7.7	7.0	7.0	8.2	
G57.0	7.5	7.9	8.3	8.1	7.7	7.0	6.3	6.4	7.5	
G58.0	6.8	7.3	7.7	7.5	7.0	6.4	5.8	5.8	6.8	
G59.0	6.3	6.7	7.1	6.8	6.5	5.8	5.3	5.3	6.3	
G60.0	5.7	6.0	6.5	6.4	5.9	5.2	4.8	4.8	5.7	
G61.0	5.1	5.6	5.9	5.9	5.3	4.8	4.2	4.4	5.1	
G62.0	4.7	5.1	5.4	5.3	4.9	4.3	3.8	3.9	4.7	
G63.0	4.3	4.6	5.0	4.8	4.4	3.9	3.4	3.5	4.3	
G64.0	3.8	4.2	4.5	4.4	4.0	3.5	3.0	3.1	3.8	
G65.0	3.5	3.8	4.1	4.0	3.6	3.1	2.6	2.8	3.5	
G66.0	3.1	3.4	3.7	3.6	3.3	2.7	2.3	2.4	3.1	
G67.0	2.8	3.1	3.3	3.2	2.9	2.4	2.0	2.1	2.8	
G68.0	2.5	2.7	2.9	2.8	2.5	2.1	1.7	1.8	2.5	
G69.0	2.2	2.3	2.5	2.5	2.2	1.8	1.4	1.5	2.2	
G70.0	1.9	2.0	2.2	2.1	1.9	1.5	1.1	1.2	1.9	
G71.0	1.6	1.6	1.9	1.8	1.6	1.2	0.8	0.9	1.6	
G72.0	1.3	1.3	1.5	1.5	1.3	0.9	0.6	0.7	1.3	
G73.0	1.0	1.1	1.2	1.2	1.0	0.6	0.4	0.4	1.0	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	0.7	0.8	0.9	0.9	0.7	0.4	0.2	0.2	0.7	
G75.0	0.4	0.5	0.6	0.6	0.4	0.2	0.1	0.1	0.4	
G76.0	0.3	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.3	
G77.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	
G78.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G79.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G80.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	
G112.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G113.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G114.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G115.0	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	
G116.0	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	
G117.0	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.2	
G118.0	0.3	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.3	
G119.0	0.4	0.4	0.4	0.4	0.2	0.1	0.2	0.2	0.4	
G120.0	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.3	0.4	
G121.0	0.5	0.5	0.5	0.5	0.2	0.3	0.3	0.3	0.5	
G122.0	0.6	0.6	0.6	0.6	0.3	0.2	0.3	0.3	0.6	
G123.0	0.7	0.6	0.6	0.7	0.3	0.3	0.3	0.4	0.7	
G124.0	0.8	0.7	0.7	0.8	0.4	0.4	0.4	0.4	0.8	
G125.0	0.9	0.8	0.8	0.9	0.4	0.4	0.4	0.4	0.9	
G126.0	1.0	0.9	0.9	0.9	0.4	0.4	0.5	0.5	1.0	
G127.0	1.1	1.0	1.0	1.0	0.5	0.5	0.5	0.6	1.1	
G128.0	1.2	1.2	1.1	1.1	0.6	0.6	0.6	0.6	1.2	
G129.0	1.3	1.3	1.2	1.2	0.6	0.6	0.6	0.7	1.3	
G130.0	1.4	1.4	1.3	1.4	0.6	0.6	0.7	0.7	1.4	
G131.0	1.5	1.4	1.4	1.5	0.7	0.7	0.8	0.8	1.5	
G132.0	1.6	1.5	1.5	1.6	0.7	0.8	0.9	0.9	1.6	
G133.0	1.7	1.6	1.6	1.7	0.8	0.9	0.9	0.9	1.7	
G134.0	1.9	1.8	1.8	1.8	0.9	0.9	1.0	1.0	1.9	
G135.0	2.0	1.9	1.9	2.0	0.9	1.0	1.0	1.0	2.0	
G136.0	2.1	2.0	2.0	2.0	1.0	1.1	1.1	1.1	2.1	
G137.0	2.2	2.2	2.1	2.2	1.1	1.2	1.1	1.2	2.2	
G138.0	2.4	2.3	2.2	2.3	1.2	1.2	1.3	1.3	2.4	
G139.0	2.5	2.4	2.3	2.4	1.3	1.3	1.3	1.4	2.5	
G140.0	2.7	2.5	2.5	2.6	1.3	1.4	1.4	1.5	2.7	
G141.0	2.8	2.7	2.6	2.7	1.5	1.5	1.5	1.5	2.8	
G142.0	2.9	2.8	2.7	2.8	1.5	1.6	1.6	1.6	2.9	
G143.0	3.0	3.0	2.9	3.0	1.6	1.7	1.7	1.7	3.0	
G144.0	3.2	3.1	3.1	3.1	1.7	1.8	1.8	1.8	3.2	
G145.0	3.4	3.3	3.2	3.3	1.8	1.9	1.8	1.9	3.4	
G146.0	3.5	3.4	3.4	3.5	1.9	2.0	2.0	2.0	3.5	
G147.0	3.6	3.6	3.5	3.6	2.0	2.1	2.1	2.1	3.6	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	3.8	3.7	3.7	3.7	2.1	2.2	2.2	2.2	3.8	
G149.0	3.9	3.9	3.8	3.9	2.2	2.3	2.3	2.3	3.9	
G150.0	4.1	4.0	4.0	4.0	2.3	2.3	2.4	2.4	4.1	
G151.0	4.2	4.2	4.1	4.1	2.4	2.5	2.5	2.5	4.2	
G152.0	4.4	4.3	4.3	4.3	2.5	2.5	2.6	2.7	4.4	
G153.0	4.4	4.4	4.4	4.4	2.6	2.7	2.7	2.7	4.4	
G154.0	4.6	4.6	4.5	4.6	2.7	2.8	2.8	2.9	4.6	
G155.0	4.7	4.7	4.6	4.7	2.8	2.9	3.0	3.0	4.7	
G156.0	4.8	4.8	4.8	4.8	2.9	3.0	3.0	3.1	4.8	
G157.0	4.9	4.9	4.9	5.0	3.1	3.1	3.2	3.2	4.9	
G158.0	5.1	5.0	5.0	5.1	3.2	3.2	3.3	3.3	5.1	
G159.0	5.1	5.2	5.1	5.2	3.3	3.4	3.5	3.5	5.1	
G160.0	5.3	5.3	5.3	5.3	3.5	3.5	3.6	3.6	5.3	
G161.0	5.4	5.4	5.3	5.4	3.5	3.6	3.8	3.7	5.4	
G162.0	5.4	5.4	5.5	5.5	3.7	3.8	3.9	3.8	5.4	
G163.0	5.4	5.5	5.5	5.6	3.8	3.9	4.0	4.0	5.4	
G164.0	5.6	5.6	5.6	5.6	4.0	4.0	4.2	4.1	5.6	
G165.0	5.6	5.6	5.7	5.7	4.1	4.2	4.3	4.3	5.6	
G166.0	5.7	5.7	5.7	5.8	4.2	4.3	4.4	4.4	5.7	
G167.0	5.7	5.7	5.8	5.8	4.4	4.4	4.5	4.5	5.7	
G168.0	5.7	5.8	5.8	5.8	4.5	4.6	4.6	4.6	5.7	
G169.0	5.8	5.8	5.9	5.8	4.6	4.7	4.8	4.8	5.8	
G170.0	5.8	5.8	5.9	5.9	4.8	4.8	4.9	4.9	5.8	
G171.0	5.8	5.8	5.9	5.9	4.9	5.0	5.0	5.0	5.8	
G172.0	5.8	5.8	5.9	5.9	5.0	5.1	5.1	5.1	5.8	
G173.0	5.8	5.9	5.9	5.9	5.1	5.2	5.2	5.2	5.8	
G174.0	5.8	5.8	5.9	5.9	5.2	5.3	5.3	5.3	5.8	
G175.0	5.8	5.8	5.9	5.9	5.3	5.3	5.3	5.4	5.8	
G176.0	5.7	5.8	5.9	5.9	5.3	5.4	5.4	5.4	5.7	
G177.0	5.7	5.8	5.8	5.9	5.4	5.4	5.5	5.5	5.7	
G178.0	5.5	5.8	5.8	5.8	5.5	5.5	5.6	5.6	5.5	
G179.0	5.7	5.7	5.8	5.8	5.5	5.6	5.7	5.7	5.7	
G180.0	5.6	5.7	5.7	5.7	5.6	5.7	5.7	5.7	5.6	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector: