杭州创惠仪器有限公司
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Report No.: 1 Test Time: 2019/3/28 16:34

Luminaire Property

Luminaire Manufacturer: HAVIT LIGHTING 143 Beauchamp Road,Matraville, NSW 2036, Australia
Luminaire Description: HCP-8821204 + HCP-8831204(3000K)
Voltage: 220 V
Current: 0.056 A
Power: 10.94 W
Power Factor: 0.889

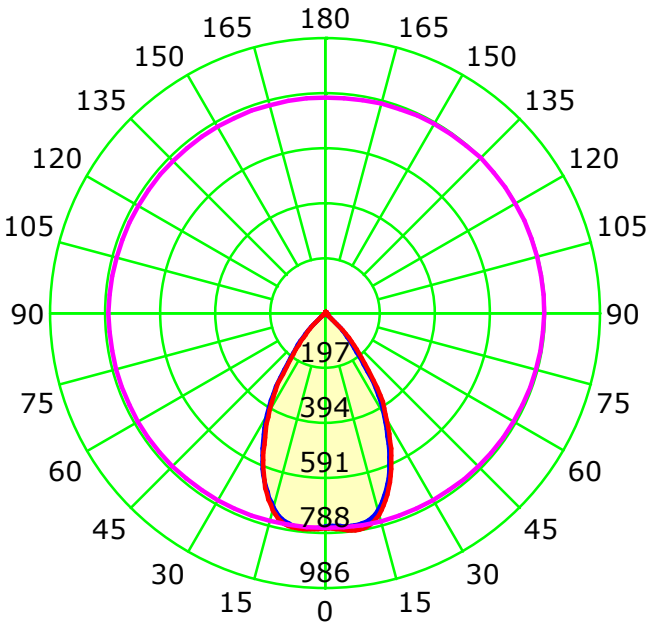
Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 790.2 lm
Measurement Flux: 790.2 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(50%): H63
Vertical Diffuse Angle(50%): V62.9
Luminaire Efficacy Rating (LER): 72.28
Central Intensity: 764.9 cd
Max. Intensity: 788.99 cd
Pos of Max. Intensity: H135 V7
S/MH(C0/C180): 0.96
S/MH(C90/C270): 0.96

Picture Of Luminaire



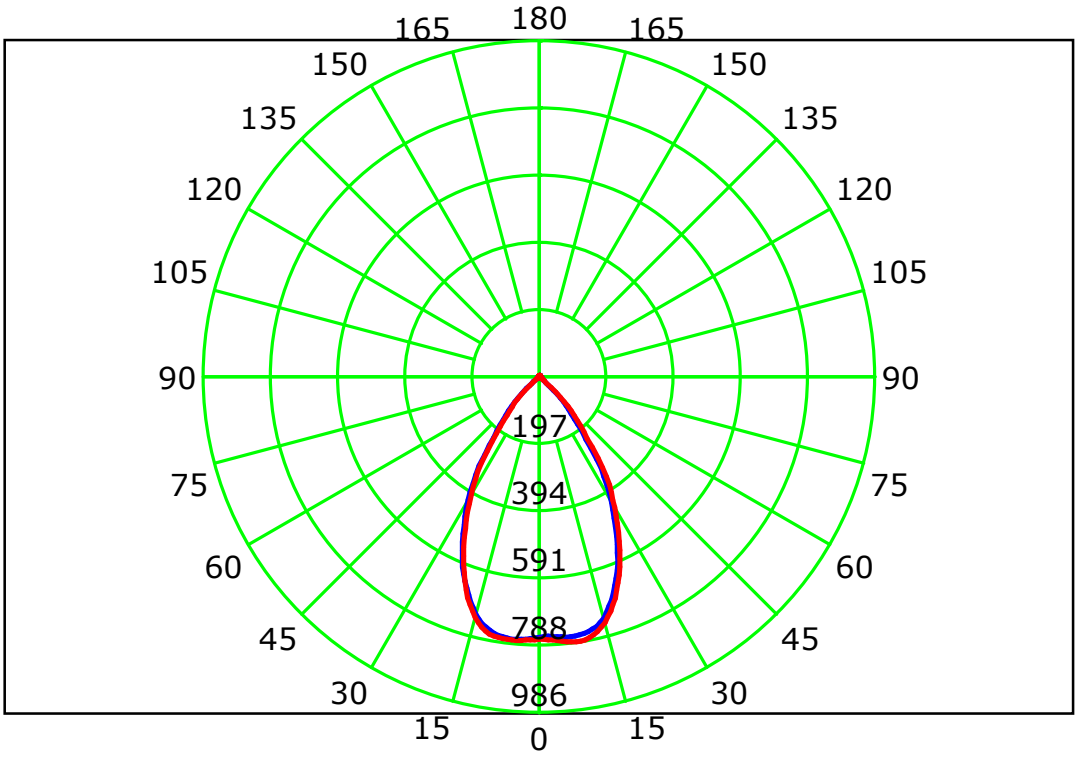
Luminous Intensity Distribution Curve

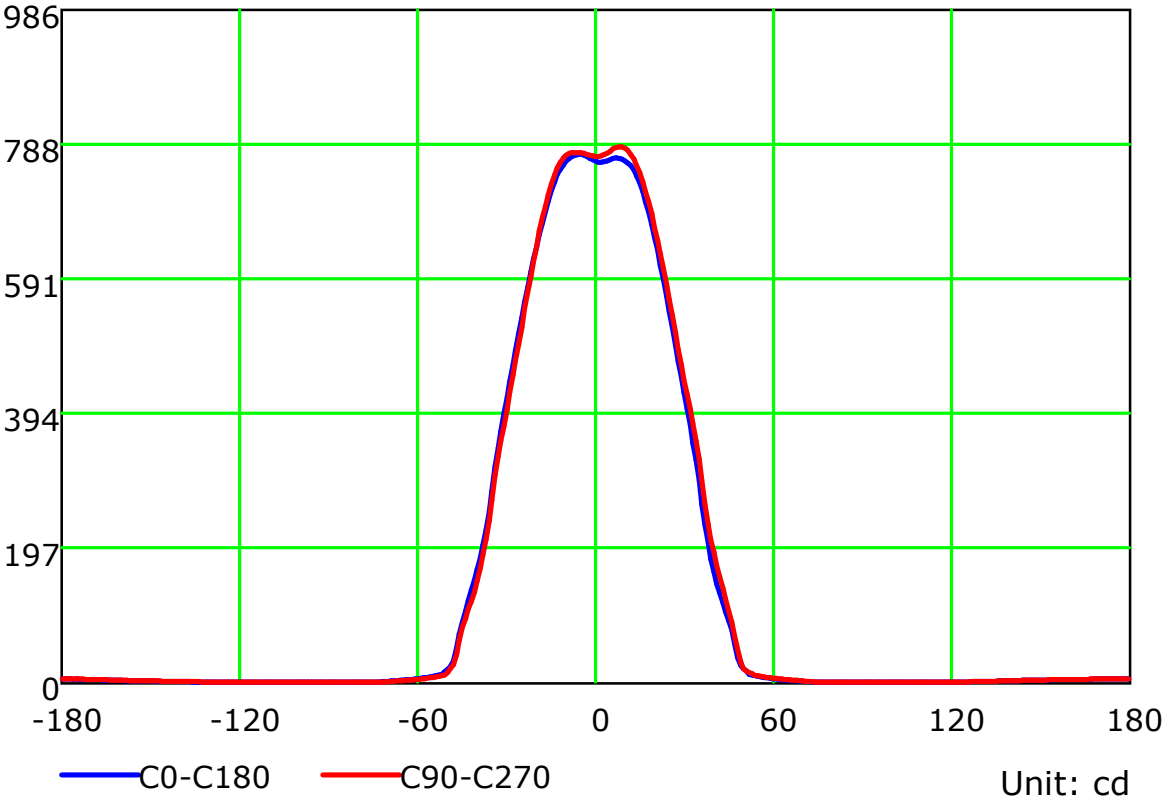


Unit: cd
Average Diffuse Angle(50%): 62.8°
C0-C180 C90-C270 G7

C Plane (°):0.0-360.0: 45.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab: Inventfine instruments
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 7.970 m
Temperature: 26
Humidity: 55
Operator: Jacky tang
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

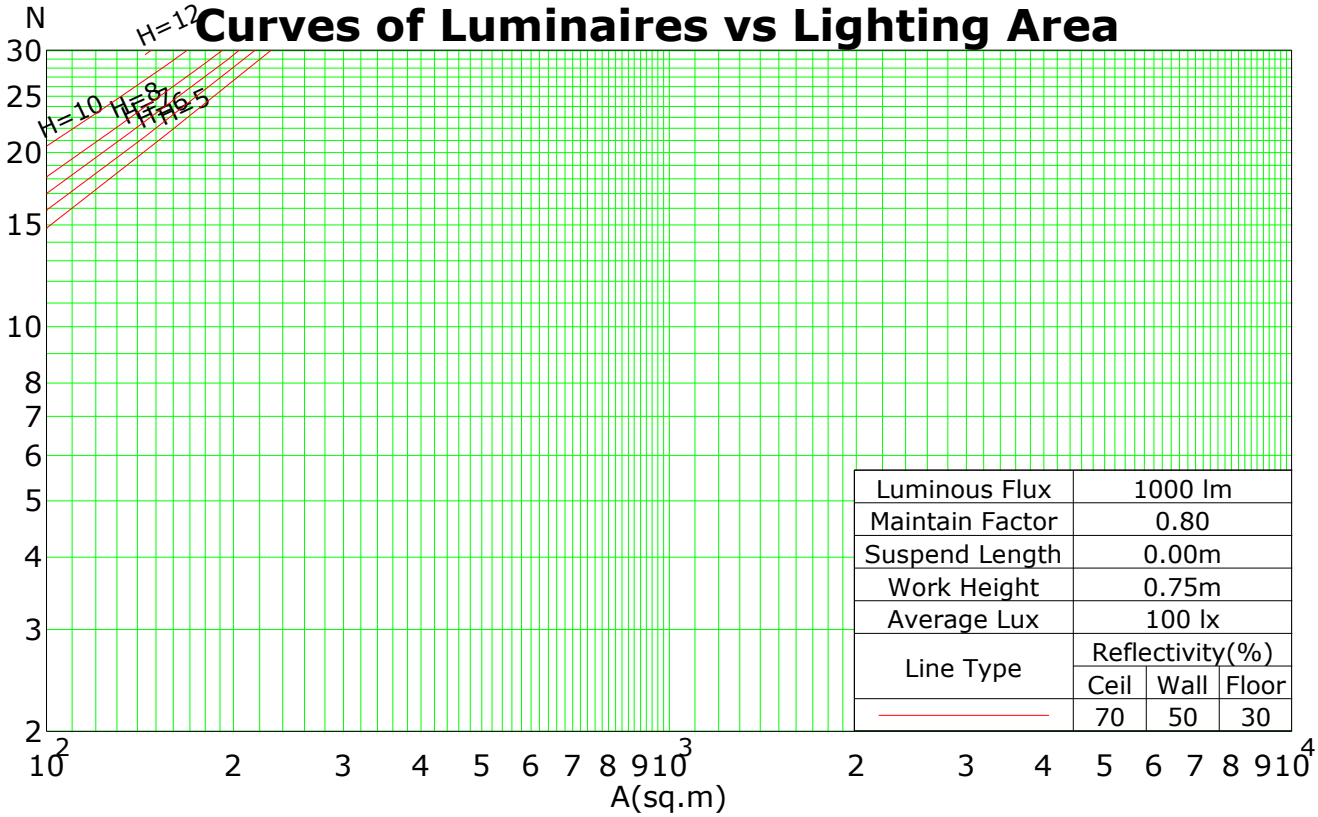
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

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	110	108	106	111	108	106	104	104	102	100	100	99	97	96	95	94	92
2	107	102	98	95	105	101	97	94	97	94	91	94	92	89	91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84	88	85	82	86	83	81	79
4	96	89	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	73
5	91	83	77	72	89	82	76	72	80	75	71	78	74	70	76	73	70	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	63
7	82	72	66	62	81	72	66	62	70	65	61	69	64	61	68	64	60	59
8	78	68	62	58	76	67	61	57	66	61	57	65	60	57	64	60	57	55
9	74	64	58	54	73	63	58	54	62	57	53	61	57	53	61	56	53	52
10	70	60	54	50	69	60	54	50	59	54	50	58	53	50	57	53	50	48

Spacing Criteria (0-180): 0.96
Spacing Criteria (90-270): 0.96
Spacing Criteria (Diagonal): 0.94

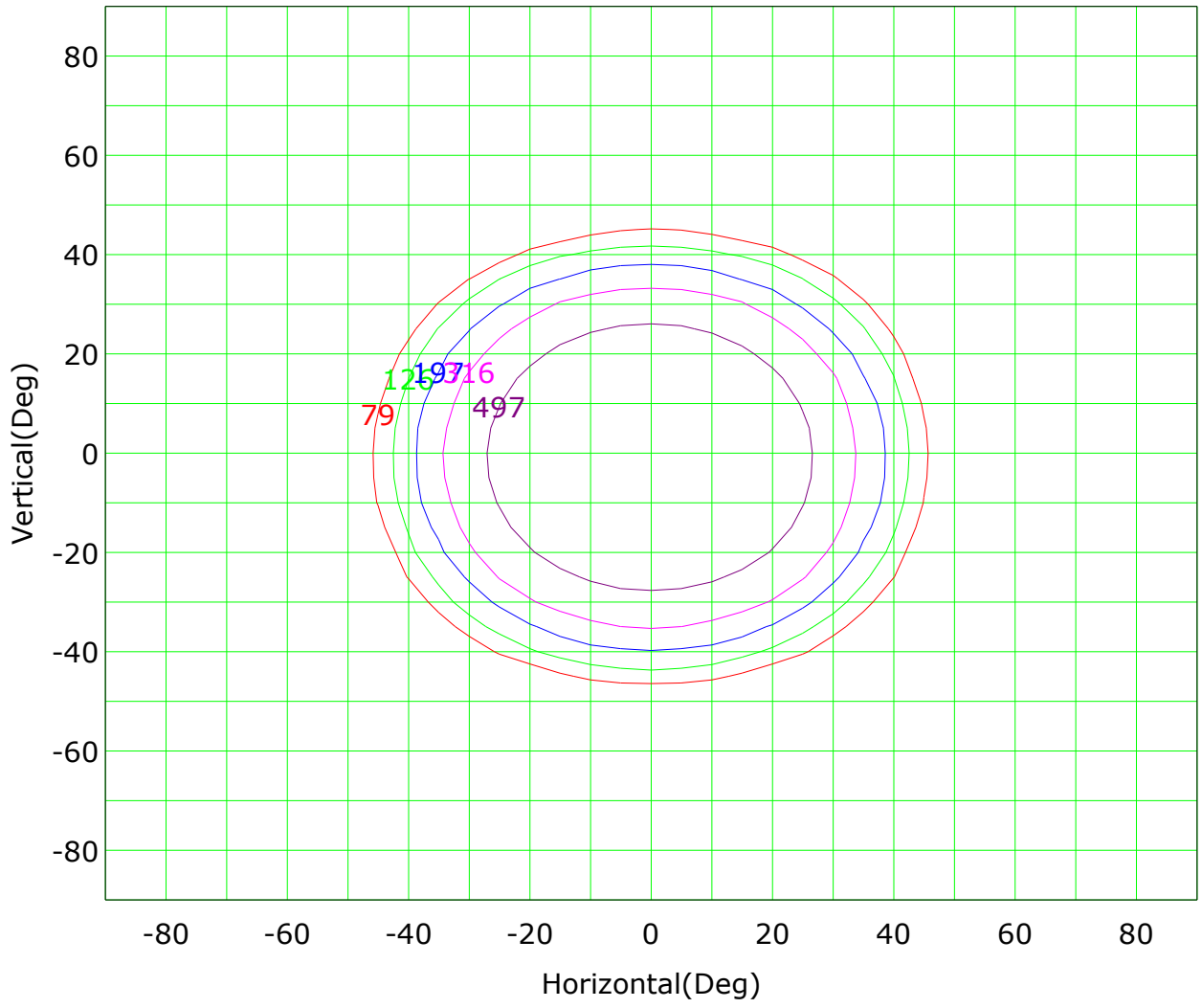
Curves of Luminaires vs Lighting Area



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)

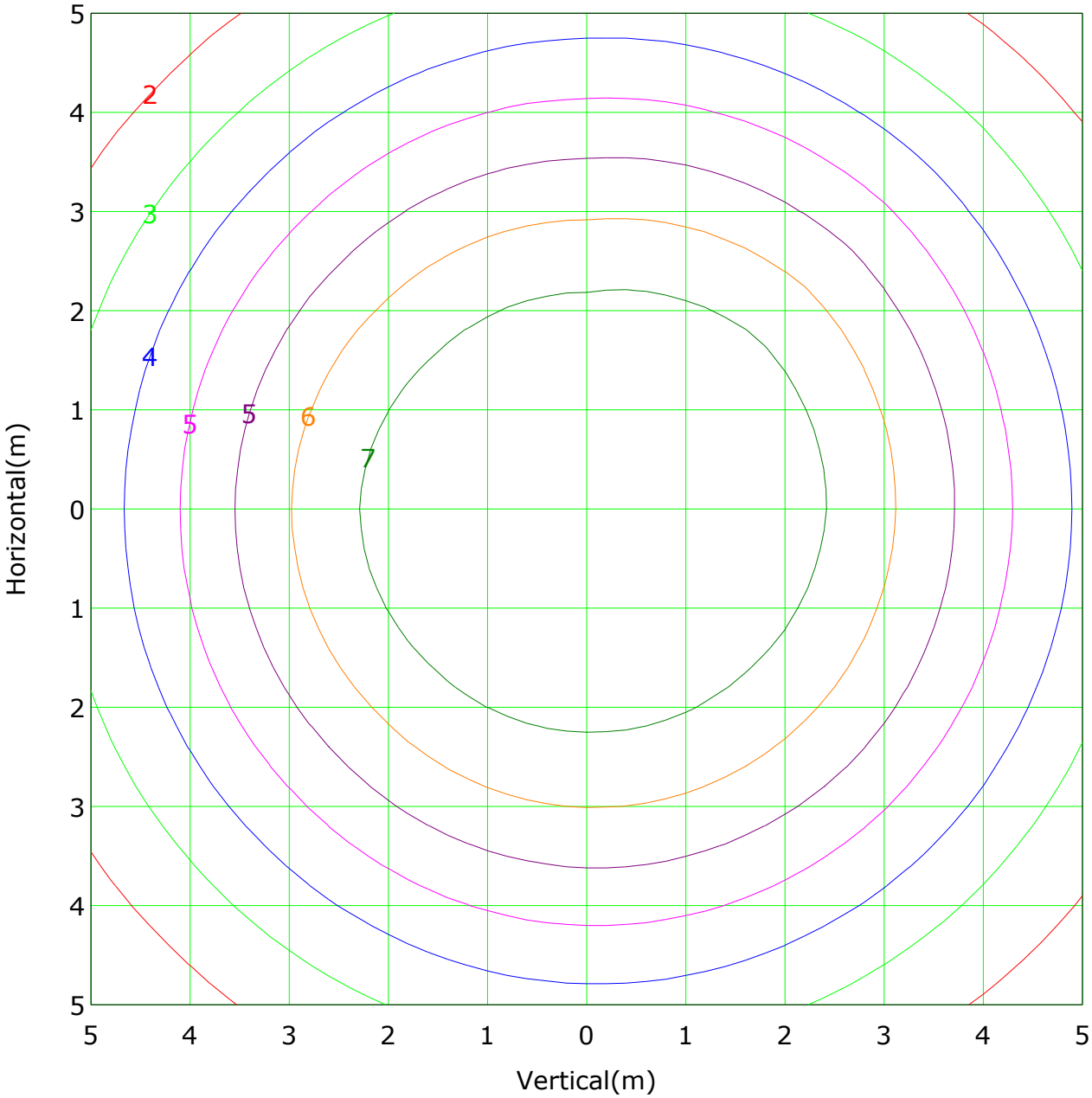


Imax (100%): 789 cd

(10%): 79 cd
(16%): 126 cd
(25%): 197 cd
(40%): 316 cd
(63%): 497 cd
(100%): 789 cd

C Plane (°):0.0-360.0: 45.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab: Inventfine instruments
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 7.970 m
Temperature: 26
Humidity: 55
Operator: Jacky tang
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 7.8 lx

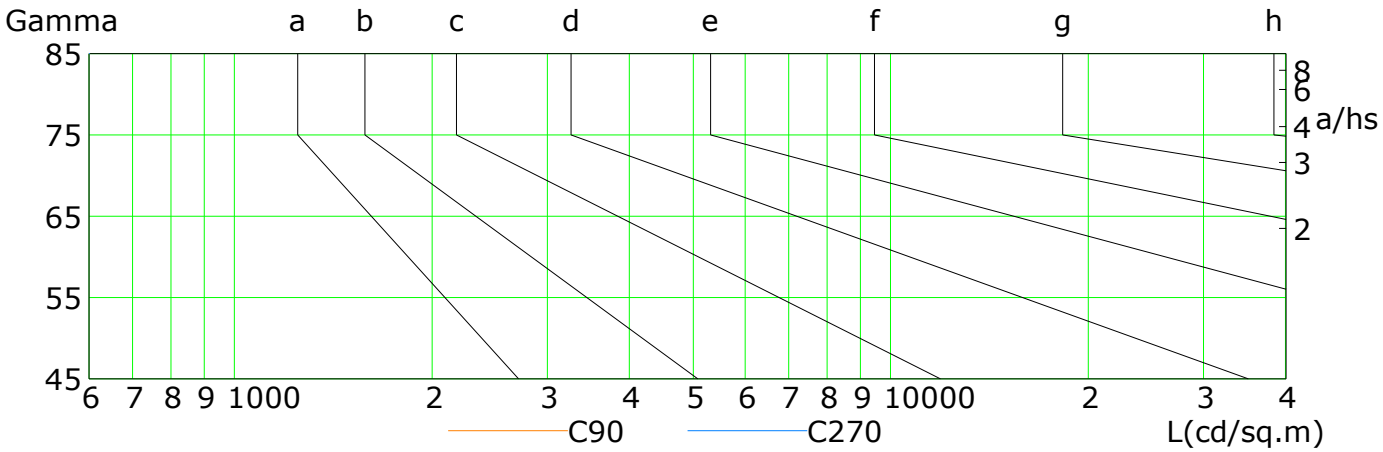
(30%): 2.3 lx	(40%): 3.1 lx
(50%): 3.9 lx	(60%): 4.7 lx
(70%): 5.4 lx	(80%): 6.2 lx
(90%): 7.0 lx	(100%): 7.8 lx
(120%): 9.3 lx	(150%): 11.7 lx

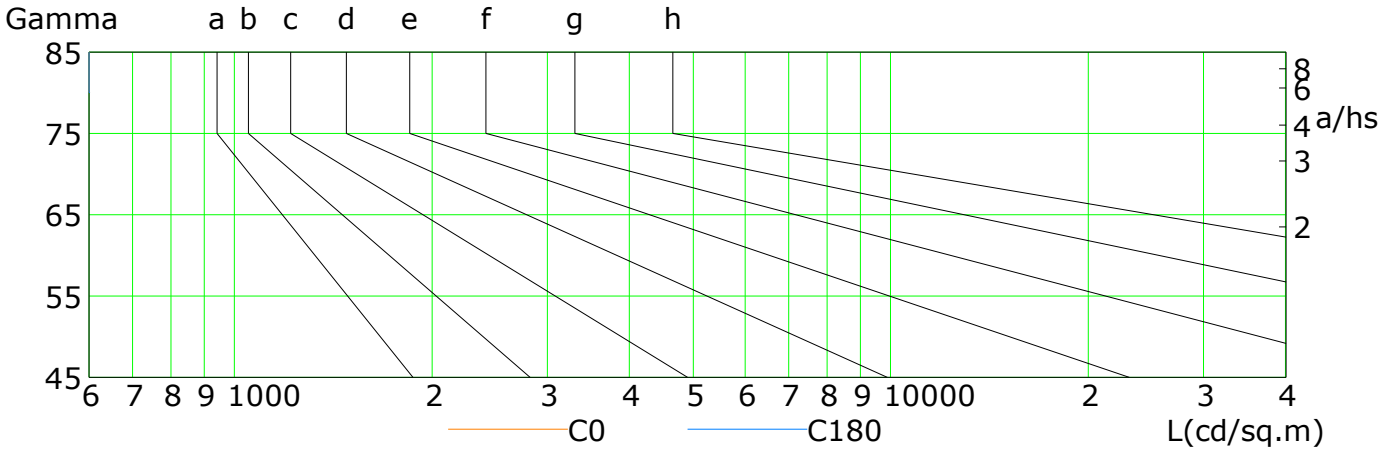
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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



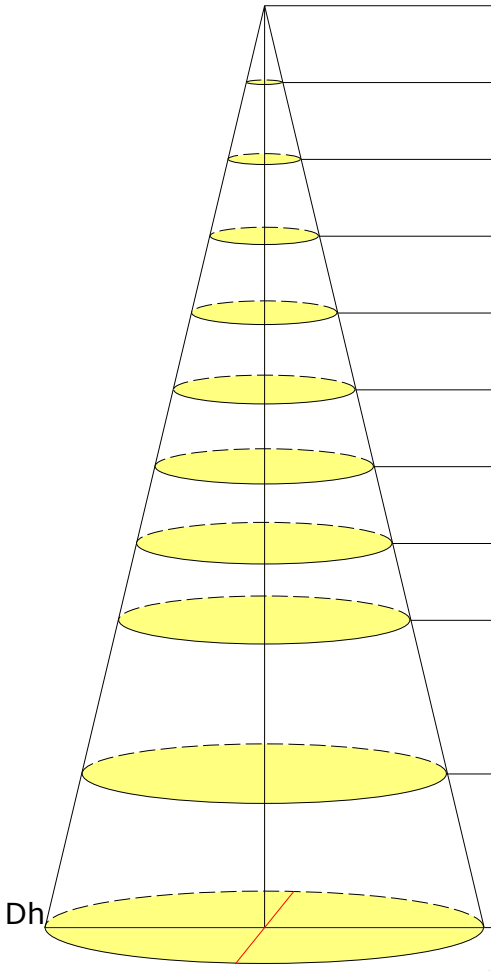


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	90	20	9	5	3	2	0	0	0
C90	105	20	9	6	4	2	1	0	0
C180	89	19	9	6	3	2	0	0	0
C270	81	15	7	5	3	1	0	0	0

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



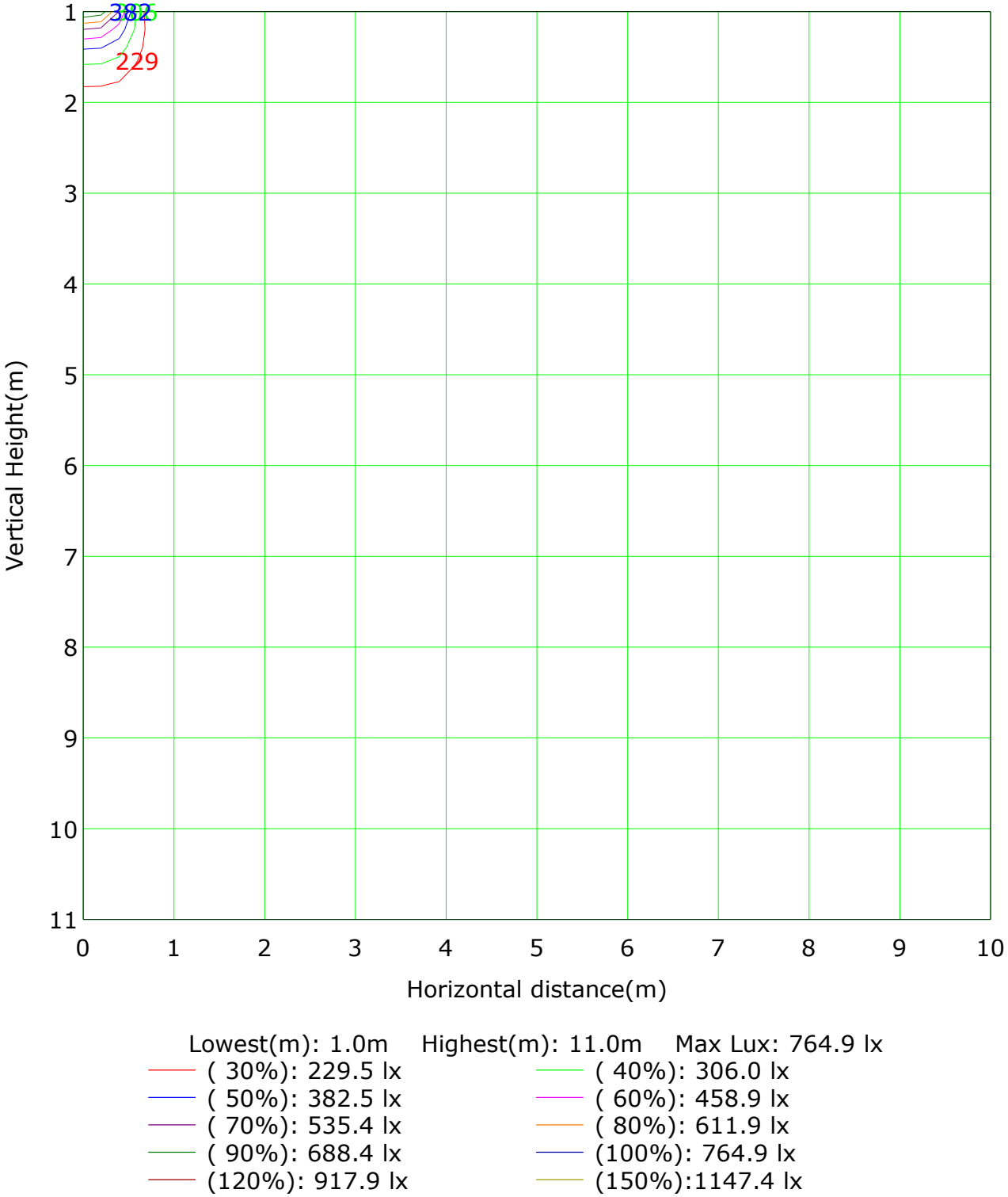
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	764.90	1.22/1.22	1.2	266.89
2.0	191.23	2.45/2.44	4.7	66.72
3.0	84.99	3.67/3.65	10.6	29.65
4.0	47.81	4.89/4.87	18.8	16.68
5.0	30.60	6.11/6.09	29.4	10.68
6.0	21.25	7.34/7.31	42.4	7.41
7.0	15.61	8.56/8.53	57.7	5.45
8.0	11.95	9.78/9.74	75.3	4.17
10.0	7.65	12.23/12.18	117.7	2.67
12.0	5.31	14.67/14.62	169.5	1.85

Beam Angle(B): H62.9 V62.7 Field Angle(F): H91.6 V91.6

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:

Vertical IsoLux Plot



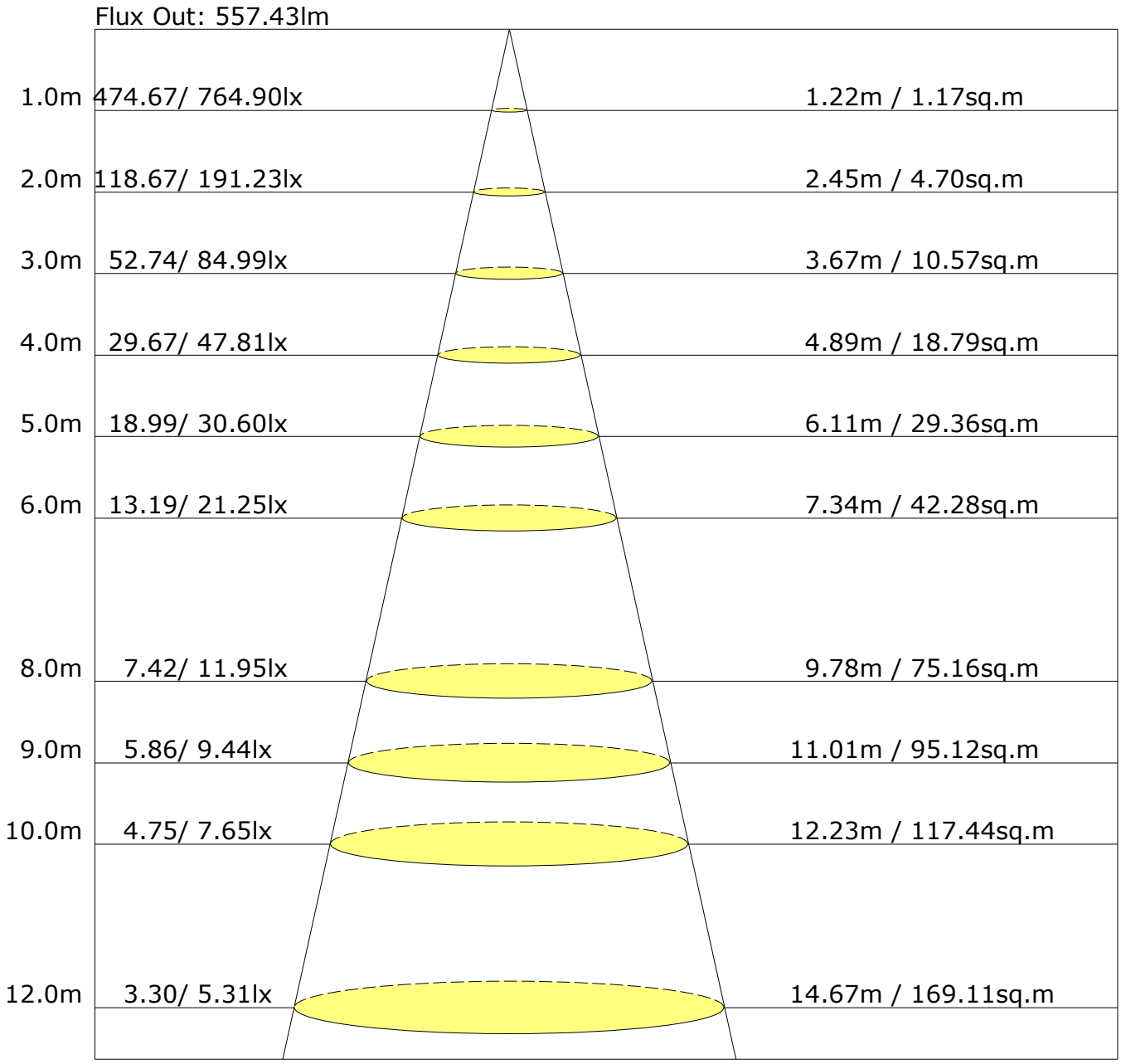
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 764.9 lx

(30%): 229.5 lx	(40%): 306.0 lx
(50%): 382.5 lx	(60%): 458.9 lx
(70%): 535.4 lx	(80%): 611.9 lx
(90%): 688.4 lx	(100%): 764.9 lx
(120%): 917.9 lx	(150%):1147.4 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 790lm (8log(F/F0) = -0.8).

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	764.9	768.3	771.7	774.0	764.9	768.3	771.7	774.0	764.9	
G1.0	763.2	767.3	771.7	775.4	767.3	770.0	772.4	773.5	763.2	
G2.0	763.0	767.6	772.6	777.4	769.0	772.4	773.5	774.1	763.0	
G3.0	764.0	769.1	774.0	780.0	771.8	774.7	774.9	774.8	764.0	
G4.0	765.5	771.2	776.2	783.1	773.8	776.2	775.9	775.7	765.5	
G5.0	767.3	773.7	779.4	786.0	775.0	776.9	777.0	776.3	767.3	
G6.0	768.8	776.0	782.6	787.9	774.9	775.7	777.4	776.6	768.8	
G7.0	769.3	777.2	784.8	789.0	773.9	774.0	777.6	775.8	769.3	
G8.0	768.8	777.5	786.0	788.6	772.0	772.0	777.2	774.3	768.8	
G9.0	767.5	776.4	785.9	787.1	769.2	768.9	775.9	772.3	767.5	
G10.0	765.4	773.2	784.1	784.5	765.0	764.8	773.8	769.1	765.4	
G11.0	762.5	769.1	780.7	780.2	759.6	759.5	769.8	764.5	762.5	
G12.0	758.4	763.0	774.6	775.3	752.7	752.7	763.4	757.2	758.4	
G13.0	752.0	756.1	767.5	768.9	745.2	744.5	755.0	749.0	752.0	
G14.0	743.8	748.0	758.7	760.7	734.5	733.7	744.3	738.8	743.8	
G15.0	733.4	738.3	748.1	749.6	721.7	721.8	731.4	725.8	733.4	
G16.0	719.7	726.8	734.2	737.7	706.0	707.6	715.5	711.5	719.7	
G17.0	705.2	712.8	720.0	723.5	691.8	691.4	699.5	695.6	705.2	
G18.0	689.4	698.2	704.5	707.9	673.7	672.1	682.1	678.7	689.4	
G19.0	671.1	682.6	687.7	690.8	656.7	653.7	662.6	659.9	671.1	
G20.0	653.1	665.1	667.6	670.9	639.6	634.8	639.1	638.1	653.1	
G21.0	634.1	644.9	648.8	652.6	621.4	614.7	617.0	617.5	634.1	
G22.0	612.4	625.6	629.5	630.9	602.1	593.5	595.1	597.9	612.4	
G23.0	591.5	602.9	606.8	609.1	579.0	569.0	572.0	575.2	591.5	
G24.0	567.3	581.5	584.9	586.5	557.8	546.1	547.7	552.2	567.3	
G25.0	544.2	558.6	562.4	563.3	535.7	523.3	520.8	528.5	544.2	
G26.0	520.9	534.9	539.1	536.8	512.7	499.9	496.6	502.1	520.9	
G27.0	494.9	507.9	513.2	512.7	487.5	474.3	473.1	479.0	494.9	
G28.0	471.0	483.0	489.1	488.2	465.1	451.6	450.6	456.7	471.0	
G29.0	448.3	459.4	466.1	464.9	442.3	429.3	425.6	434.4	448.3	
G30.0	426.0	437.8	443.8	442.7	418.5	404.4	400.4	410.5	426.0	
G31.0	401.6	417.4	423.0	419.0	395.2	379.4	375.8	382.4	401.6	
G32.0	377.9	395.4	401.2	396.1	368.5	356.8	354.1	359.0	377.9	
G33.0	350.5	372.1	379.9	369.7	344.6	333.4	332.1	335.5	350.5	
G34.0	326.2	345.2	354.1	347.2	316.7	304.7	303.9	305.3	326.2	
G35.0	296.1	317.6	327.0	323.7	281.5	267.0	267.3	271.0	296.1	
G36.0	260.7	283.5	295.9	288.7	250.6	235.4	237.1	240.7	260.7	

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	230.7	246.5	260.5	255.5	223.8	209.1	210.0	214.1	230.7	
G38.0	204.9	217.3	231.8	224.5	201.5	188.3	187.0	195.3	204.9	
G39.0	180.8	194.7	209.2	199.2	183.1	171.0	167.8	178.8	180.8	
G40.0	161.9	175.5	190.8	177.2	165.4	156.7	148.8	162.7	161.9	
G41.0	145.3	158.6	172.1	156.5	150.4	143.4	133.0	144.9	145.3	
G42.0	131.2	142.3	154.7	139.9	135.4	129.3	119.3	128.6	131.2	
G43.0	116.8	130.4	138.1	125.1	120.0	115.1	107.5	111.5	116.8	
G44.0	103.8	117.4	122.2	110.5	104.3	101.7	93.9	94.1	103.8	
G45.0	90.3	102.2	104.6	99.3	88.8	85.3	81.1	76.0	90.3	
G46.0	77.0	86.7	87.9	87.4	71.0	66.8	61.5	53.1	77.0	
G47.0	58.2	69.4	68.8	70.2	51.6	44.5	40.9	32.4	58.2	
G48.0	36.5	44.8	48.3	49.1	31.8	28.9	26.3	21.9	36.5	
G49.0	24.6	26.8	29.3	29.7	22.8	22.2	20.3	17.3	24.6	
G50.0	20.0	19.5	20.3	20.3	19.0	18.5	14.8	14.1	20.0	
G51.0	16.5	16.7	16.7	17.5	15.8	11.9	10.5	10.6	16.5	
G52.0	11.5	13.8	14.8	15.1	11.6	10.6	9.6	9.8	11.5	
G53.0	10.6	10.9	12.3	11.0	10.6	9.8	8.9	9.0	10.6	
G54.0	9.6	10.1	10.3	10.0	9.7	9.0	8.1	8.3	9.6	
G55.0	8.7	9.2	9.4	9.2	8.9	8.2	7.4	7.6	8.7	
G56.0	8.0	8.5	8.7	8.5	8.1	7.4	6.8	6.9	8.0	
G57.0	7.2	7.8	8.0	7.8	7.4	6.8	6.1	6.3	7.2	
G58.0	6.6	7.2	7.4	7.2	6.8	6.3	5.5	5.8	6.6	
G59.0	6.0	6.5	6.8	6.6	6.2	5.7	5.1	5.2	6.0	
G60.0	5.5	5.9	6.3	6.0	5.6	5.1	4.5	4.7	5.5	
G61.0	5.0	5.5	5.7	5.5	5.1	4.6	4.0	4.3	5.0	
G62.0	4.5	4.9	5.2	5.1	4.6	4.2	3.7	3.9	4.5	
G63.0	4.1	4.4	4.8	4.6	4.2	3.8	3.3	3.5	4.1	
G64.0	3.7	4.1	4.3	4.2	3.8	3.4	2.9	3.1	3.7	
G65.0	3.3	3.7	4.0	3.8	3.4	3.0	2.5	2.8	3.3	
G66.0	3.0	3.3	3.6	3.4	3.0	2.6	2.2	2.4	3.0	
G67.0	2.6	3.0	3.2	3.1	2.7	2.3	1.9	2.1	2.6	
G68.0	2.3	2.6	2.8	2.7	2.3	2.0	1.5	1.8	2.3	
G69.0	2.0	2.3	2.5	2.4	2.1	1.7	1.3	1.6	2.0	
G70.0	1.7	1.9	2.1	2.1	1.8	1.4	1.0	1.3	1.7	
G71.0	1.5	1.6	1.8	1.7	1.4	1.1	0.8	1.0	1.5	
G72.0	1.2	1.3	1.5	1.4	1.2	0.8	0.5	0.7	1.2	
G73.0	0.9	0.9	1.1	1.1	0.9	0.6	0.3	0.5	0.9	

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 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	0.7	0.8	0.9	0.6	0.3	0.1	0.3	0.7	
G75.0	0.3	0.4	0.6	0.6	0.3	0.1	0.1	0.1	0.3	
G76.0	0.1	0.1	0.3	0.3	0.1	0.0	0.0	0.1	0.1	
G77.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G78.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G80.0	0.0	0.0	0.0	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	0.0	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	0.1	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	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:

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

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:

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	3.3	3.2	3.3	3.3	1.8	2.0	2.0	2.0	3.3	
G149.0	3.3	3.3	3.4	3.4	1.9	2.0	2.0	2.0	3.3	
G150.0	3.4	3.4	3.5	3.5	2.0	2.1	2.1	2.1	3.4	
G151.0	3.5	3.5	3.6	3.6	2.1	2.1	2.2	2.2	3.5	
G152.0	3.5	3.6	3.7	3.7	2.1	2.2	2.3	2.3	3.5	
G153.0	3.7	3.6	3.8	3.8	2.2	2.3	2.4	2.3	3.7	
G154.0	3.8	3.8	3.9	3.9	2.3	2.5	2.5	2.4	3.8	
G155.0	3.8	3.9	4.0	3.9	2.4	2.5	2.6	2.5	3.8	
G156.0	3.9	4.0	4.0	4.0	2.5	2.6	2.7	2.6	3.9	
G157.0	4.0	4.0	4.1	4.1	2.6	2.7	2.8	2.7	4.0	
G158.0	4.1	4.1	4.2	4.2	2.7	2.8	2.9	2.8	4.1	
G159.0	4.2	4.1	4.3	4.3	2.8	2.9	3.0	2.9	4.2	
G160.0	4.2	4.2	4.3	4.3	2.9	3.0	3.1	3.0	4.2	
G161.0	4.3	4.3	4.4	4.4	3.0	3.1	3.2	3.1	4.3	
G162.0	4.3	4.3	4.5	4.5	3.2	3.3	3.3	3.3	4.3	
G163.0	4.4	4.4	4.5	4.5	3.3	3.4	3.5	3.4	4.4	
G164.0	4.5	4.4	4.6	4.6	3.4	3.5	3.6	3.5	4.5	
G165.0	4.5	4.5	4.7	4.7	3.5	3.7	3.8	3.6	4.5	
G166.0	4.6	4.6	4.7	4.7	3.7	3.8	3.9	3.8	4.6	
G167.0	4.6	4.7	4.8	4.8	3.8	3.9	4.0	3.9	4.6	
G168.0	4.7	4.7	4.8	4.8	4.0	4.0	4.2	4.1	4.7	
G169.0	4.7	4.8	4.9	4.9	4.0	4.2	4.3	4.2	4.7	
G170.0	4.8	4.8	4.9	4.9	4.2	4.3	4.4	4.3	4.8	
G171.0	4.8	4.8	5.0	4.9	4.3	4.4	4.5	4.4	4.8	
G172.0	4.8	4.9	5.0	5.0	4.4	4.5	4.6	4.4	4.8	
G173.0	4.9	4.9	5.1	5.0	4.4	4.6	4.7	4.6	4.9	
G174.0	4.9	5.0	5.1	5.1	4.6	4.7	4.8	4.6	4.9	
G175.0	4.9	5.0	5.1	5.1	4.7	4.8	4.8	4.8	4.9	
G176.0	5.0	5.0	5.1	5.1	4.7	4.8	4.9	4.9	5.0	
G177.0	5.0	5.0	5.1	5.1	4.8	4.9	4.9	4.9	5.0	
G178.0	5.0	5.0	5.1	5.1	4.8	5.0	5.0	5.0	5.0	
G179.0	5.0	5.0	5.1	5.1	4.9	5.0	5.0	5.0	5.0	
G180.0	4.9	5.0	5.1	5.0	4.9	5.1	5.0	5.0	4.9	

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: