

Report No.: 1

Test Time: 2019/3/28 15:54

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8921804 + HCP-8931804 (5500K)

Current: 0.088 A

Power Factor: 0.878

Voltage: 220 V

Power: 16.98 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1306.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H100

Vertical Diffuse Angle(50%): V120.5

Luminaire Efficacy Rating (LER): 77.00

Max. Intensity: 637.18 cd

S/MH(C0/C180): 1.08

Total Rated Lamp Lumens: 1306.6 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 601.64 cd

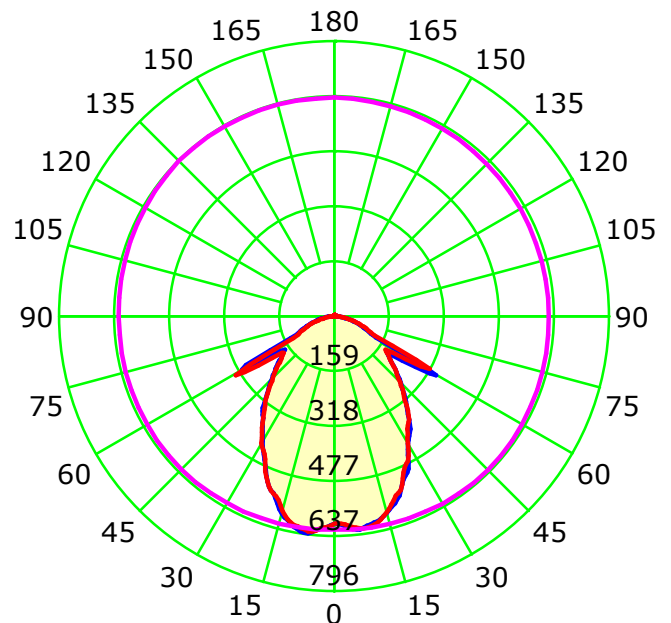
Pos of Max. Intensity: H225 V8

S/MH(C90/C270): 1.09

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 110.2°

— C0-C180 — C90-C270 — G8

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

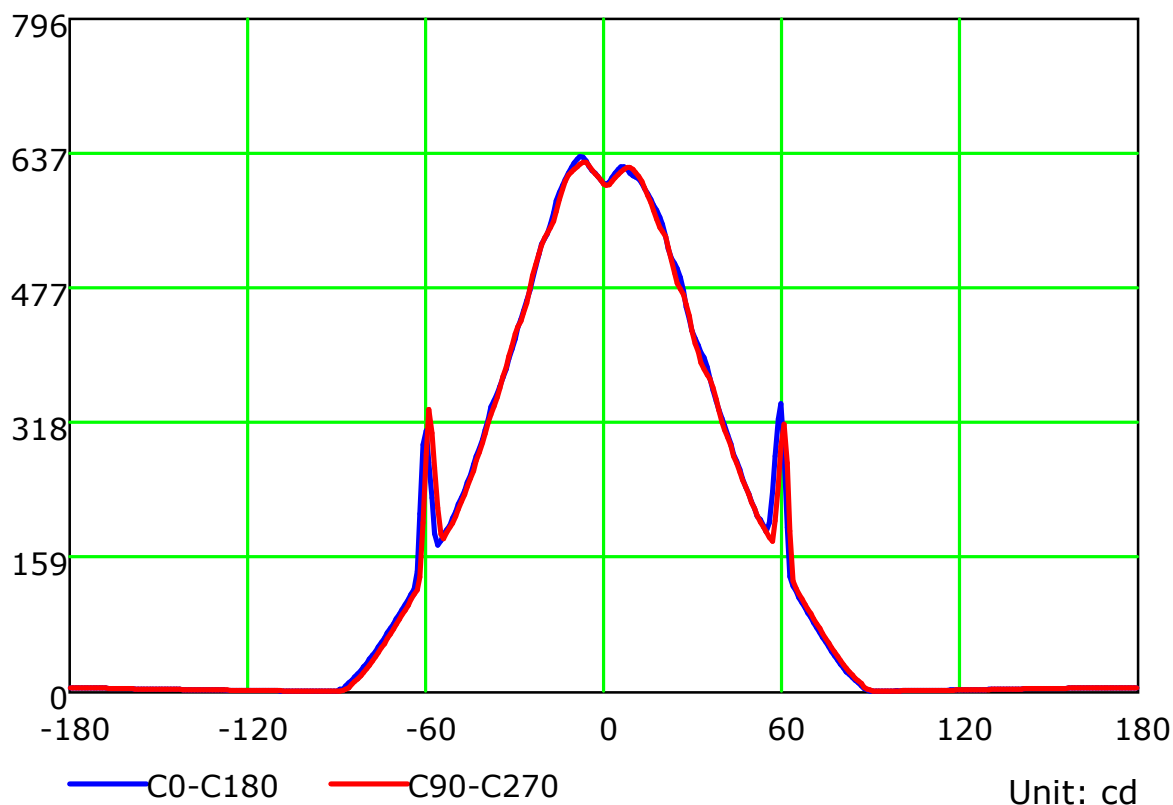
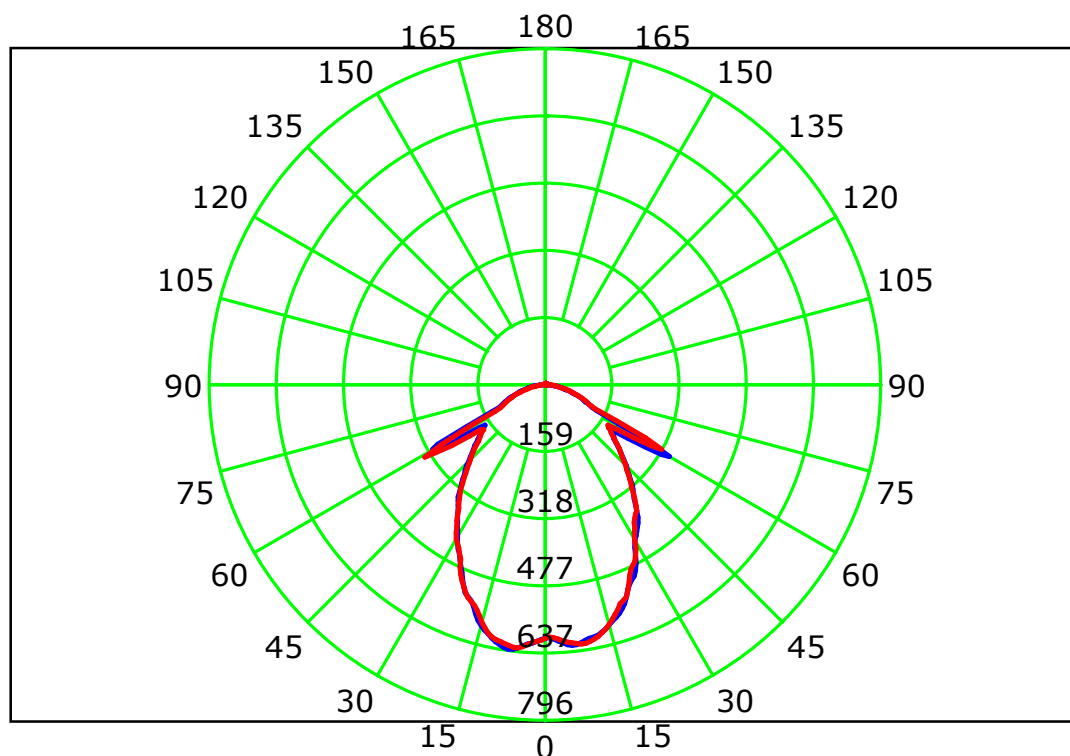
Test Device: GPM-1800B

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:

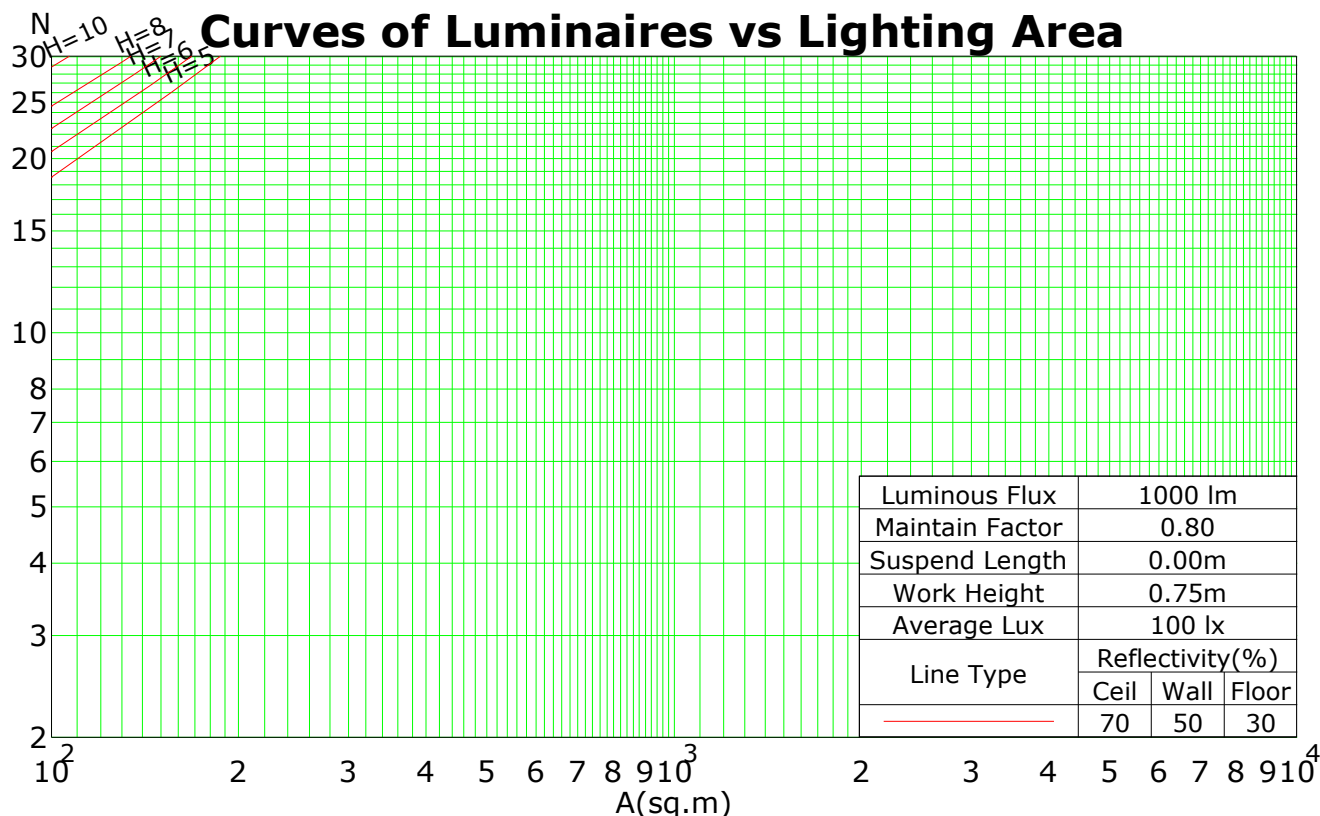
Coefficients Of Utilization - Zonal Cavity Method

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	110	105	101	98	107	103	99	96	98	96	93	94	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	75	69	90	81	74	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	70	63	58	67	61	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	73	60	52	45	71	59	51	45	57	50	45	55	49	44	54	48	44	42
7	68	55	46	41	66	54	46	40	52	45	40	51	45	40	50	44	39	37
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34
9	59	46	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	36	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28

Spacing Criteria (0-180): 1.08

Spacing Criteria (90-270): 1.09

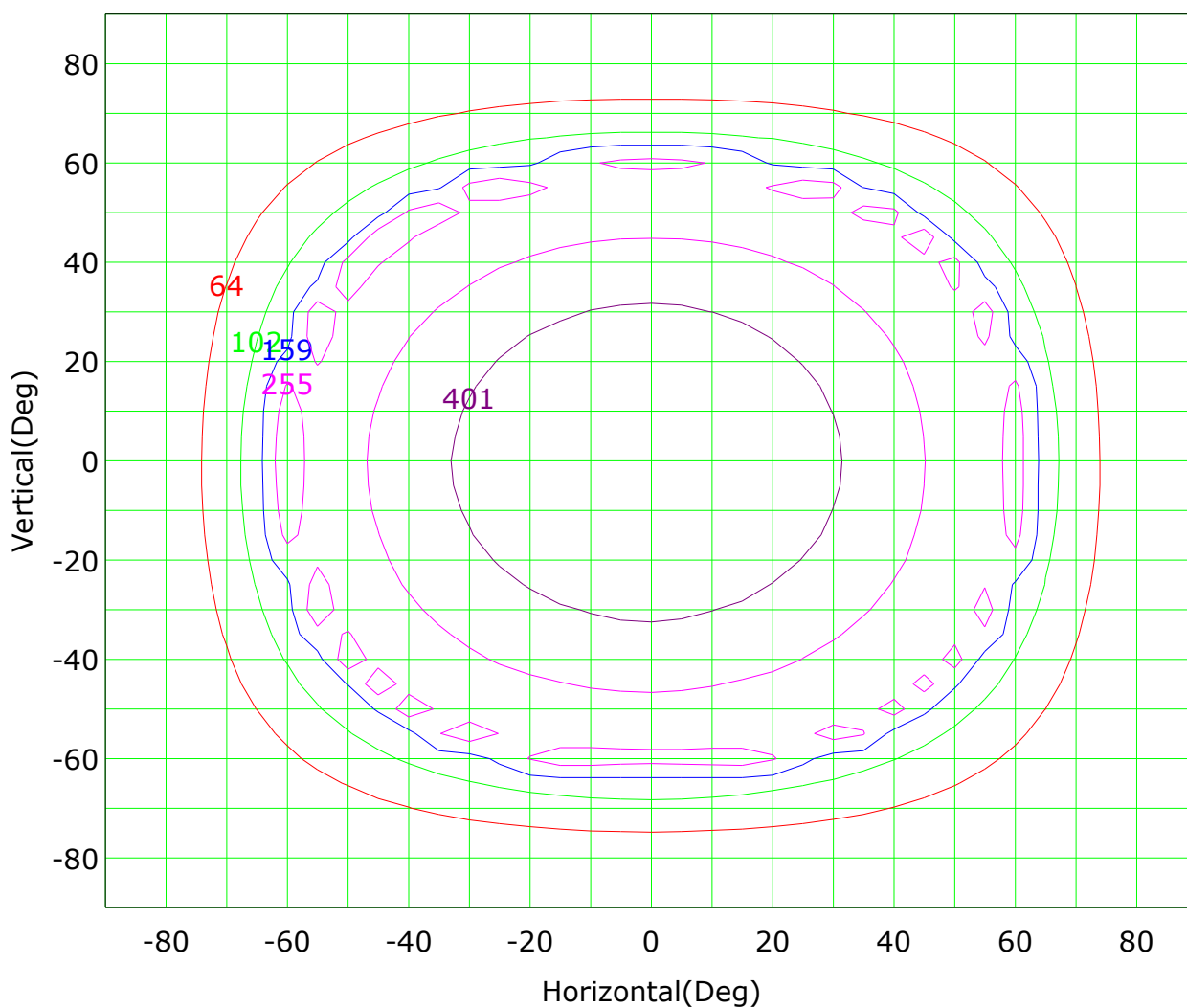
Spacing Criteria (Diagonal): 1.15



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)



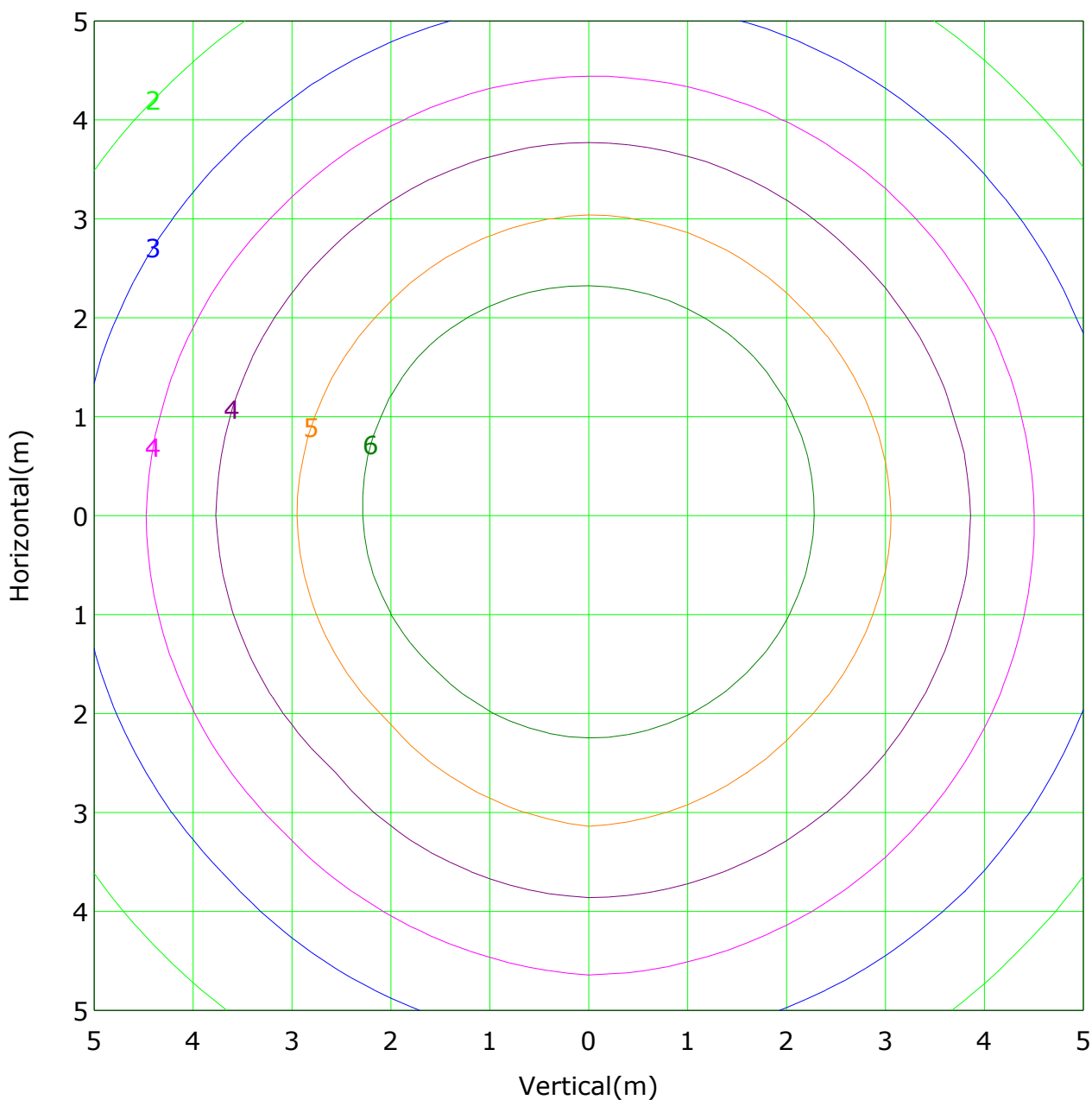
Imax (100%): 637 cd

— (10%): 64 cd	— (16%): 102 cd
— (25%): 159 cd	— (40%): 255 cd
— (63%): 401 cd	— (100%): 637 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%): 6.2 lx	
(30%): 1.9 lx	(40%): 2.5 lx
(50%): 3.1 lx	(60%): 3.7 lx
(70%): 4.4 lx	(80%): 5.0 lx
(90%): 5.6 lx	(100%): 6.2 lx
(120%): 7.5 lx	(150%): 9.3 lx

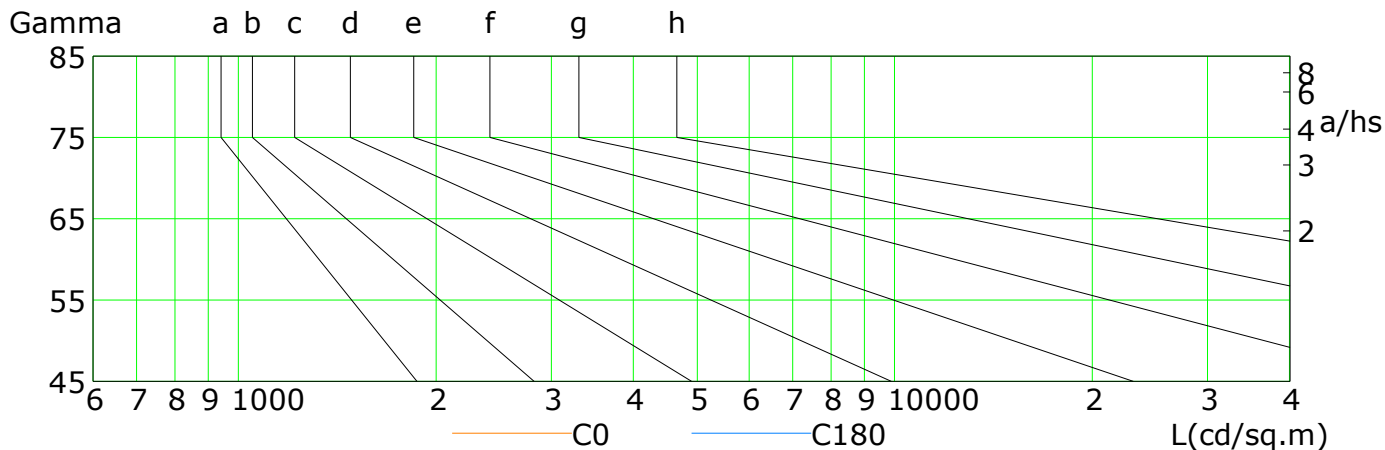
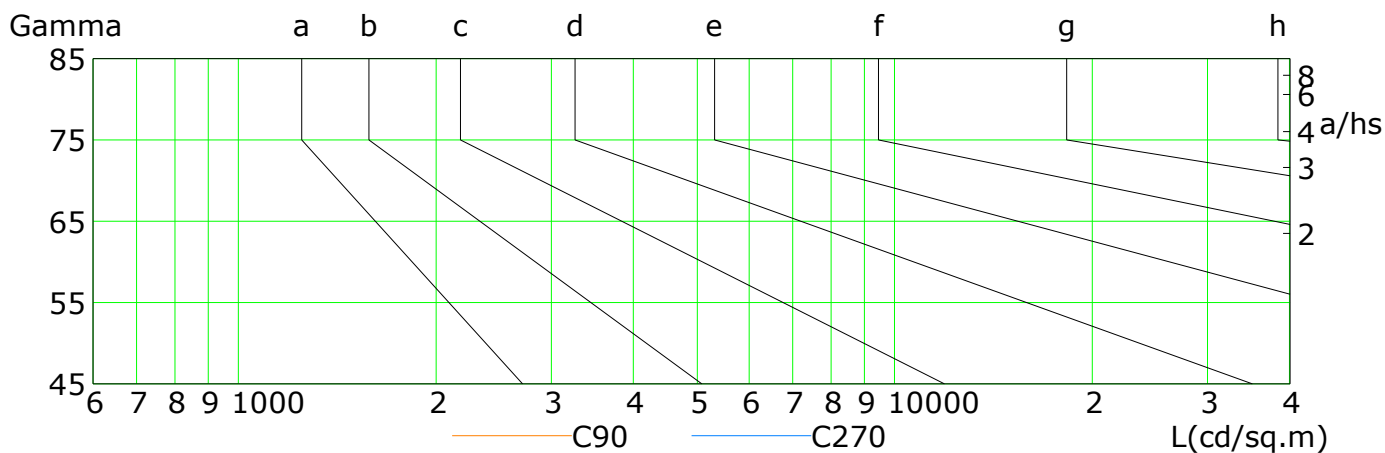
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

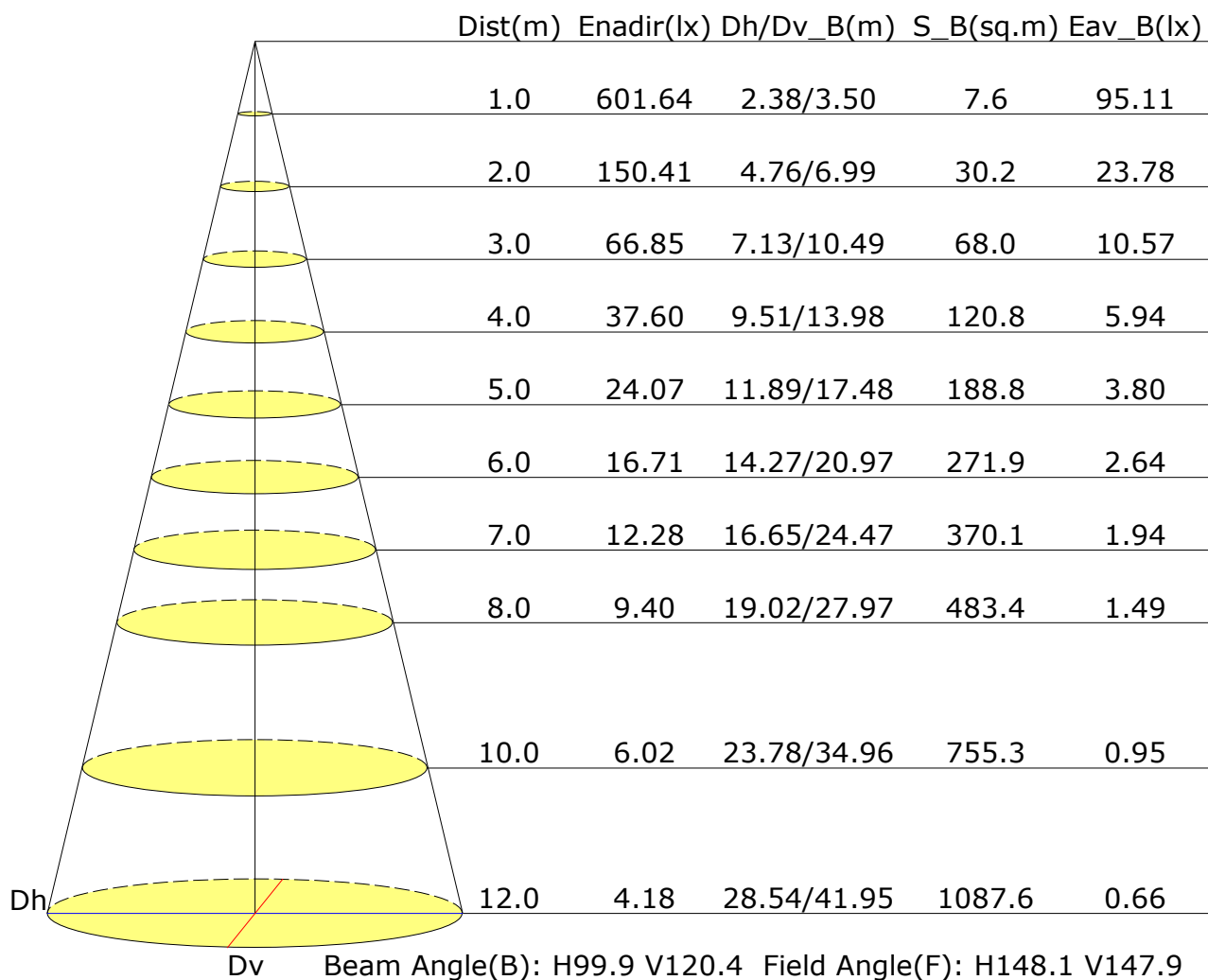


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	273	225	190	341	118	88	58	32	13
C90	270	224	189	290	122	92	63	37	16
C180	256	213	179	309	115	86	58	33	13
C270	252	208	186	281	109	79	52	27	9

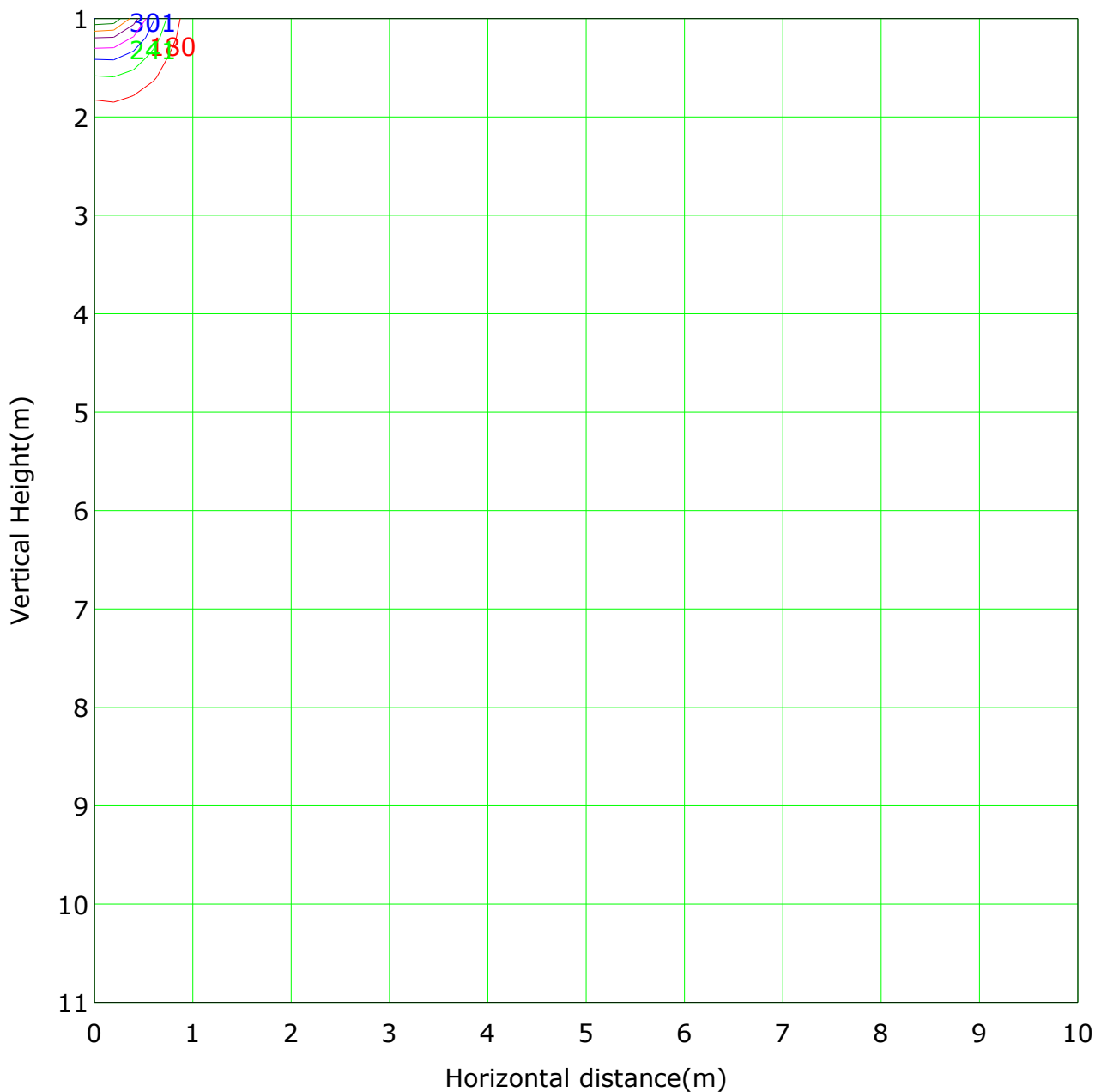
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

Illuminance at a Distance



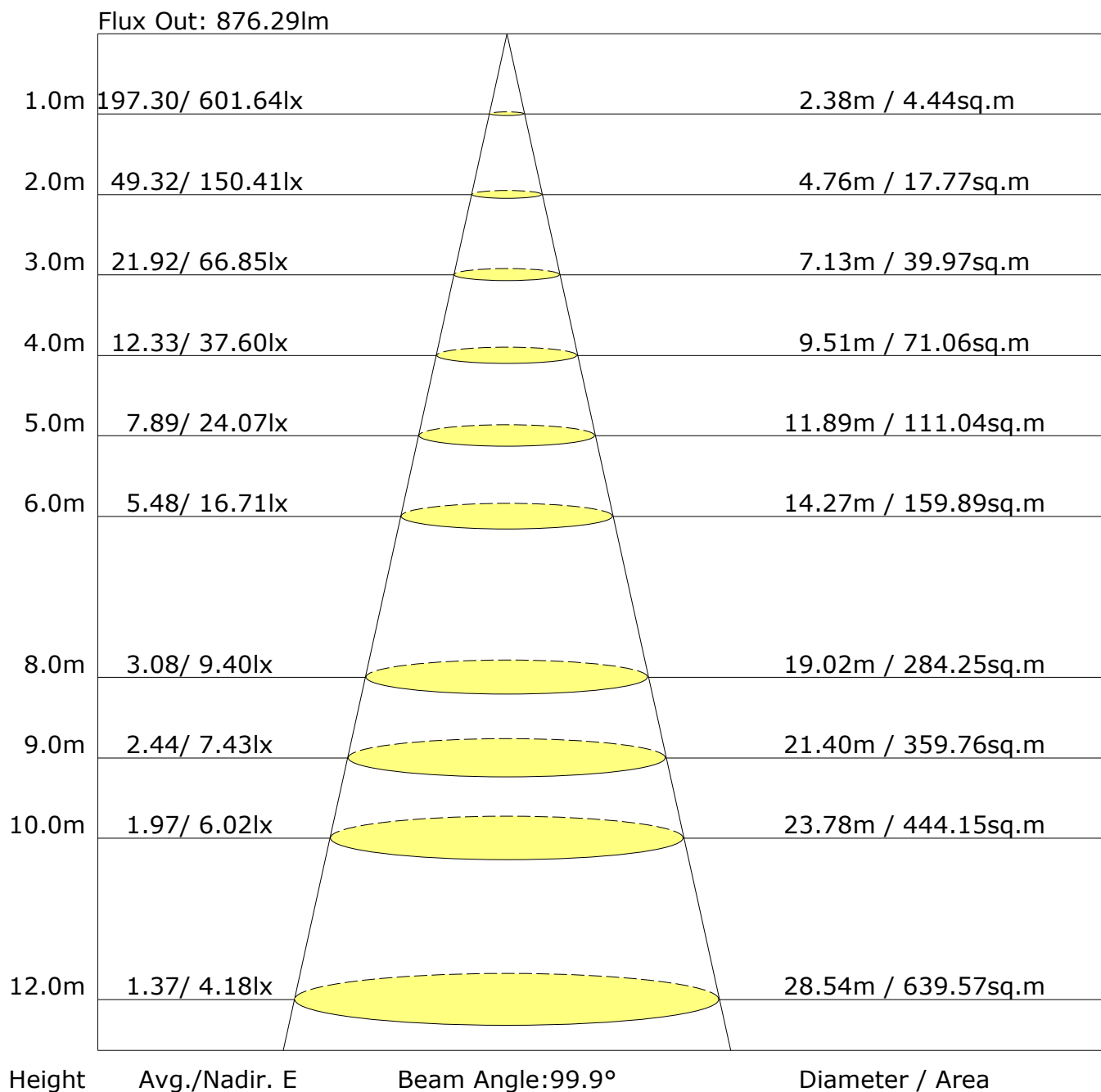
Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 601.6 lx
(30%): 180.5 lx	(40%): 240.7 lx	
(50%): 300.8 lx	(60%): 361.0 lx	
(70%): 421.1 lx	(80%): 481.3 lx	
(90%): 541.5 lx	(100%): 601.6 lx	
(120%): 722.0 lx	(150%): 902.5 lx	

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

The Average Illuminance Effective Figure



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 1307lm ($8\log(F/F_0) = 0.9$).

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	601.6	601.8	601.3	600.4	601.6	601.8	601.3	600.4	601.6	
G1.0	600.8	599.8	599.3	600.0	605.4	608.3	606.0	602.9	600.8	
G2.0	603.6	602.5	600.7	601.8	610.2	614.4	610.2	606.1	603.6	
G3.0	608.7	608.4	604.4	604.6	614.0	618.8	613.6	609.7	608.7	
G4.0	613.9	616.0	608.8	608.0	617.1	622.5	617.5	614.3	613.9	
G5.0	618.7	622.1	612.2	612.6	622.1	627.5	623.3	620.3	618.7	
G6.0	622.0	626.8	615.3	618.0	628.4	632.9	627.1	625.3	622.0	
G7.0	621.9	630.0	618.5	622.9	632.7	636.4	627.1	628.0	621.9	
G8.0	618.5	630.9	620.9	624.7	633.5	637.2	624.3	627.4	618.5	
G9.0	614.3	627.8	620.6	622.4	630.8	635.0	621.3	624.2	614.3	
G10.0	611.3	622.1	618.4	619.6	626.2	630.5	618.6	619.2	611.3	
G11.0	609.3	615.1	614.7	616.4	621.0	624.8	615.6	613.4	609.3	
G12.0	606.8	608.3	610.2	611.8	613.8	618.8	611.4	604.8	606.8	
G13.0	602.2	601.6	604.0	606.6	606.3	610.4	604.3	596.1	602.2	
G14.0	595.9	593.8	596.4	599.4	599.5	599.5	595.1	584.3	595.9	
G15.0	589.5	584.2	587.7	588.5	591.3	584.4	583.2	572.9	589.5	
G16.0	583.0	574.9	579.1	576.5	581.2	569.0	568.7	564.3	583.0	
G17.0	576.5	565.9	570.0	564.0	567.1	556.2	557.2	554.5	576.5	
G18.0	570.1	560.1	559.7	552.4	553.5	545.6	549.2	543.6	570.1	
G19.0	561.9	554.7	549.3	543.8	542.2	539.0	543.0	533.0	561.9	
G20.0	553.0	547.0	545.1	536.1	536.4	534.4	537.2	525.4	553.0	
G21.0	538.6	536.0	539.0	528.4	529.7	527.4	528.7	518.9	538.6	
G22.0	524.6	523.3	526.2	518.9	517.8	515.8	518.2	512.3	524.6	
G23.0	513.5	511.6	510.6	505.0	503.1	500.4	505.8	502.5	513.5	
G24.0	506.8	501.7	495.5	491.0	488.1	482.1	492.4	489.0	506.8	
G25.0	500.7	492.1	483.2	478.4	474.9	466.6	477.5	474.9	500.7	
G26.0	490.5	482.7	476.9	468.1	463.0	454.2	459.9	460.3	490.5	
G27.0	474.7	474.4	470.2	457.7	451.1	445.4	448.5	447.5	474.7	
G28.0	455.8	460.0	458.3	447.9	440.8	439.0	439.0	437.3	455.8	
G29.0	441.1	442.0	444.8	433.7	431.3	430.9	431.8	426.7	441.1	
G30.0	427.2	426.8	427.5	419.3	417.8	417.6	423.8	419.4	427.2	
G31.0	418.6	412.8	412.4	404.7	405.8	403.1	409.5	411.0	418.6	
G32.0	410.4	402.4	402.2	391.9	394.2	390.1	397.0	401.8	410.4	
G33.0	401.8	392.8	389.6	382.4	381.7	380.0	384.5	388.2	401.8	
G34.0	395.3	387.1	381.8	372.7	372.1	368.1	373.4	373.6	395.3	
G35.0	384.0	382.6	375.4	366.6	361.7	357.7	358.9	360.1	384.0	
G36.0	371.2	372.8	370.2	358.1	353.0	350.3	348.4	349.5	371.2	

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 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	356.8	358.9	360.0	349.0	344.8	340.8	338.3	337.4	356.8	
G38.0	344.3	344.7	346.2	338.8	337.1	330.6	327.9	328.5	344.3	
G39.0	334.3	331.6	333.6	323.7	322.4	317.9	318.9	319.8	334.3	
G40.0	323.8	321.4	319.1	312.2	309.7	306.3	305.7	310.1	323.8	
G41.0	315.2	311.7	310.0	300.5	298.6	295.6	294.7	297.1	315.2	
G42.0	303.6	302.2	300.8	291.8	287.8	285.6	283.0	285.1	303.6	
G43.0	293.0	289.4	291.1	282.7	279.1	275.7	273.5	275.4	293.0	
G44.0	281.1	279.9	279.1	272.9	269.0	264.9	261.0	265.4	281.1	
G45.0	272.7	270.0	270.4	260.7	256.2	255.0	252.4	254.8	272.7	
G46.0	263.2	263.4	260.1	252.6	247.3	246.3	242.6	246.5	263.2	
G47.0	252.0	252.0	250.4	242.3	237.6	237.6	233.1	237.6	252.0	
G48.0	242.3	243.4	242.0	234.1	229.6	228.8	224.6	228.5	242.3	
G49.0	233.8	235.6	233.3	227.1	221.5	221.4	216.2	221.1	233.8	
G50.0	224.9	226.5	224.1	218.1	213.0	212.9	207.8	212.9	224.9	
G51.0	216.4	218.3	216.4	210.1	205.1	205.0	199.4	204.4	216.4	
G52.0	207.7	210.8	208.3	202.8	197.0	197.3	194.9	199.8	207.7	
G53.0	203.3	203.4	200.8	195.6	191.3	192.5	188.1	193.1	203.3	
G54.0	196.3	198.8	194.7	190.3	186.0	185.0	181.1	186.1	196.3	
G55.0	189.5	192.0	189.1	183.7	178.8	178.9	185.9	190.5	189.5	
G56.0	199.9	185.5	182.4	177.1	173.4	192.7	217.7	221.3	199.9	
G57.0	236.1	197.1	177.7	174.2	186.9	229.1	264.9	265.8	236.1	
G58.0	279.1	233.3	202.5	200.9	229.4	278.5	306.2	310.5	279.1	
G59.0	322.7	277.6	243.9	243.7	271.3	318.8	333.9	344.2	322.7	
G60.0	340.8	320.1	289.9	291.3	309.0	315.8	281.2	306.4	340.8	
G61.0	284.3	316.7	316.5	310.6	292.7	233.6	199.7	220.6	284.3	
G62.0	194.4	247.1	270.5	258.6	210.3	158.2	135.8	149.1	194.4	
G63.0	136.2	169.9	190.3	177.2	142.0	124.5	120.6	122.9	136.2	
G64.0	124.5	127.8	130.5	124.6	121.1	118.0	114.6	116.9	124.5	
G65.0	118.4	121.4	121.7	117.5	114.9	112.2	108.6	110.6	118.4	
G66.0	111.5	115.6	115.7	112.1	108.7	105.5	102.1	104.8	111.5	
G67.0	105.2	109.3	109.5	105.8	102.7	99.8	96.3	99.1	105.2	
G68.0	99.3	103.0	103.1	99.8	96.4	94.3	90.9	93.2	99.3	
G69.0	93.1	97.3	97.3	94.5	91.1	88.4	85.0	87.8	93.1	
G70.0	87.6	91.4	91.9	89.3	85.9	83.1	79.4	82.4	87.6	
G71.0	81.9	85.7	85.8	83.6	80.0	77.5	73.8	76.7	81.9	
G72.0	75.5	79.8	80.1	78.2	74.6	71.8	68.3	70.5	75.5	
G73.0	69.7	73.9	74.3	72.7	69.1	65.7	62.3	65.0	69.7	

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 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	63.9	67.5	68.8	67.3	63.3	60.2	56.9	59.5	63.9	
G75.0	58.4	61.9	62.8	61.6	58.1	54.9	51.7	53.6	58.4	
G76.0	52.5	56.3	57.3	56.4	53.1	49.3	46.0	48.3	52.5	
G77.0	47.3	51.0	52.0	51.3	47.6	44.3	41.1	43.3	47.3	
G78.0	42.2	45.3	46.9	46.3	42.8	39.3	35.8	37.8	42.2	
G79.0	37.0	40.3	41.5	41.1	38.2	34.6	31.0	33.0	37.0	
G80.0	32.4	35.6	36.7	36.4	33.2	29.5	26.6	28.5	32.4	
G81.0	27.9	30.5	31.6	31.9	28.9	25.3	22.5	24.2	27.9	
G82.0	23.5	26.3	27.3	27.3	24.7	21.3	18.3	20.2	23.5	
G83.0	19.8	22.3	23.3	23.2	20.9	17.3	14.9	16.2	19.8	
G84.0	16.3	18.2	19.1	19.5	16.9	13.8	11.8	12.9	16.3	
G85.0	12.9	14.8	15.7	15.7	13.4	10.6	8.6	10.0	12.9	
G86.0	9.9	11.8	12.5	12.5	10.3	6.9	4.3	6.3	9.9	
G87.0	6.6	8.6	9.1	8.9	6.4	3.6	2.8	3.5	6.6	
G88.0	3.2	4.7	4.8	5.1	2.9	2.1	1.4	2.0	3.2	
G89.0	2.3	2.6	2.8	2.7	2.3	0.6	0.3	0.6	2.3	
G90.0	0.4	1.5	1.7	1.4	0.3	0.2	0.3	0.3	0.4	
G91.0	0.4	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.4	
G92.0	0.5	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.5	
G93.0	0.5	0.5	0.4	0.4	0.3	0.2	0.4	0.3	0.5	
G94.0	0.6	0.5	0.4	0.5	0.3	0.3	0.4	0.3	0.6	
G95.0	0.6	0.6	0.6	0.6	0.3	0.3	0.4	0.3	0.6	
G96.0	0.7	0.6	0.6	0.6	0.4	0.3	0.4	0.4	0.7	
G97.0	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.4	0.7	
G98.0	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.7	
G99.0	0.8	0.8	0.6	0.7	0.4	0.4	0.5	0.4	0.8	
G100.0	0.7	0.8	0.7	0.8	0.4	0.4	0.5	0.5	0.7	
G101.0	0.8	0.9	0.8	0.9	0.5	0.4	0.6	0.5	0.8	
G102.0	0.9	0.9	0.8	0.9	0.5	0.4	0.6	0.5	0.9	
G103.0	0.9	0.9	0.9	0.9	0.5	0.5	0.6	0.5	0.9	
G104.0	1.0	1.0	0.9	1.0	0.6	0.6	0.6	0.6	1.0	
G105.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6	0.6	1.0	
G106.0	1.1	1.1	1.0	1.1	0.6	0.6	0.6	0.6	1.1	
G107.0	1.1	1.2	1.1	1.1	0.7	0.7	0.6	0.6	1.1	
G108.0	1.2	1.2	1.1	1.2	0.7	0.7	0.7	0.7	1.2	
G109.0	1.2	1.2	1.2	1.2	0.7	0.7	0.8	0.7	1.2	
G110.0	1.2	1.3	1.2	1.2	0.8	0.8	0.8	0.8	1.2	

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 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	1.3	1.3	1.2	1.3	0.8	0.8	0.8	0.8	1.3	
G112.0	1.3	1.3	1.2	1.3	0.8	0.8	0.9	0.8	1.3	
G113.0	1.4	1.3	1.3	1.3	0.9	0.9	0.9	0.9	1.4	
G114.0	1.4	1.4	1.3	1.4	0.9	0.9	0.9	0.9	1.4	
G115.0	1.4	1.4	1.4	1.4	0.9	0.9	0.9	0.9	1.4	
G116.0	1.5	1.5	1.4	1.4	1.0	1.0	1.0	1.0	1.5	
G117.0	1.5	1.5	1.5	1.5	1.0	1.0	1.1	1.0	1.5	
G118.0	1.6	1.6	1.5	1.5	1.1	1.1	1.1	1.0	1.6	
G119.0	1.6	1.6	1.5	1.6	1.1	1.1	1.1	1.1	1.6	
G120.0	1.7	1.7	1.6	1.6	1.1	1.1	1.2	1.1	1.7	
G121.0	1.8	1.8	1.7	1.7	1.2	1.2	1.2	1.2	1.8	
G122.0	1.8	1.8	1.8	1.7	1.2	1.2	1.2	1.2	1.8	
G123.0	1.9	1.8	1.8	1.8	1.3	1.3	1.3	1.3	1.9	
G124.0	1.9	1.9	1.9	1.9	1.3	1.3	1.3	1.3	1.9	
G125.0	2.0	2.0	2.0	2.0	1.4	1.4	1.4	1.4	2.0	
G126.0	2.0	2.0	2.0	2.0	1.4	1.4	1.4	1.4	2.0	
G127.0	2.1	2.1	2.1	2.1	1.5	1.5	1.5	1.5	2.1	
G128.0	2.2	2.2	2.1	2.1	1.5	1.5	1.5	1.5	2.2	
G129.0	2.3	2.2	2.2	2.2	1.6	1.6	1.6	1.6	2.3	
G130.0	2.3	2.3	2.3	2.3	1.7	1.7	1.7	1.7	2.3	
G131.0	2.3	2.4	2.3	2.3	1.7	1.7	1.8	1.8	2.3	
G132.0	2.4	2.4	2.4	2.4	1.8	1.8	1.8	1.8	2.4	
G133.0	2.5	2.5	2.5	2.5	1.9	1.9	1.9	1.8	2.5	
G134.0	2.5	2.5	2.5	2.5	1.9	2.0	1.9	1.9	2.5	
G135.0	2.6	2.6	2.6	2.6	2.0	2.0	1.9	1.9	2.6	
G136.0	2.6	2.7	2.7	2.7	2.0	2.0	2.0	1.9	2.6	
G137.0	2.7	2.7	2.7	2.7	2.0	2.0	2.0	2.0	2.7	
G138.0	2.8	2.8	2.8	2.8	2.0	2.0	2.0	2.0	2.8	
G139.0	2.8	2.8	2.8	2.8	2.1	2.0	2.1	2.1	2.8	
G140.0	2.9	2.9	2.9	2.9	2.1	2.1	2.1	2.1	2.9	
G141.0	3.0	3.0	3.0	3.0	2.2	2.2	2.2	2.2	3.0	
G142.0	3.0	3.0	3.0	3.0	2.2	2.2	2.2	2.2	3.0	
G143.0	3.1	3.1	3.1	3.1	2.3	2.3	2.3	2.3	3.1	
G144.0	3.1	3.1	3.2	3.2	2.3	2.3	2.3	2.3	3.1	
G145.0	3.3	3.2	3.2	3.2	2.4	2.3	2.4	2.3	3.3	
G146.0	3.3	3.3	3.3	3.3	2.4	2.4	2.4	2.3	3.3	
G147.0	3.3	3.3	3.3	3.3	2.5	2.5	2.5	2.4	3.3	

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	3.4	3.4	3.4	3.4	2.5	2.5	2.5	2.5	3.4	
G149.0	3.4	3.5	3.4	3.5	2.5	2.5	2.5	2.5	3.4	
G150.0	3.5	3.5	3.5	3.5	2.5	2.6	2.5	2.5	3.5	
G151.0	3.5	3.5	3.5	3.5	2.6	2.6	2.6	2.6	3.5	
G152.0	3.6	3.5	3.5	3.6	2.6	2.7	2.7	2.6	3.6	
G153.0	3.6	3.6	3.6	3.6	2.7	2.7	2.7	2.7	3.6	
G154.0	3.7	3.7	3.6	3.7	2.8	2.8	2.8	2.8	3.7	
G155.0	3.7	3.7	3.7	3.7	2.8	2.8	2.8	2.8	3.7	
G156.0	3.8	3.7	3.7	3.8	2.9	2.9	2.9	2.9	3.8	
G157.0	3.8	3.8	3.8	3.8	3.0	3.0	3.0	3.0	3.8	
G158.0	3.9	3.8	3.8	3.8	3.0	3.0	3.0	3.0	3.9	
G159.0	3.9	3.8	3.9	3.8	3.1	3.1	3.1	3.1	3.9	
G160.0	3.9	3.9	3.9	3.9	3.2	3.2	3.2	3.2	3.9	
G161.0	4.0	3.9	4.0	4.0	3.3	3.3	3.2	3.3	4.0	
G162.0	4.0	4.0	4.0	4.0	3.3	3.3	3.3	3.3	4.0	
G163.0	4.0	4.0	4.0	4.0	3.4	3.4	3.4	3.5	4.0	
G164.0	4.1	4.0	4.0	4.0	3.5	3.5	3.5	3.5	4.1	
G165.0	4.1	4.0	4.1	4.1	3.5	3.6	3.5	3.5	4.1	
G166.0	4.1	4.1	4.1	4.1	3.6	3.7	3.6	3.6	4.1	
G167.0	4.1	4.1	4.0	4.1	3.7	3.7	3.7	3.7	4.1	
G168.0	4.2	4.1	4.1	4.2	3.8	3.8	3.8	3.8	4.2	
G169.0	4.2	4.2	4.2	4.2	3.9	3.9	3.9	3.9	4.2	
G170.0	4.2	4.2	4.2	4.2	4.0	4.0	4.0	4.0	4.2	
G171.0	4.2	4.2	4.2	4.3	4.1	4.0	4.0	4.0	4.2	
G172.0	4.3	4.3	4.2	4.3	4.1	4.0	4.1	4.1	4.3	
G173.0	4.3	4.3	4.3	4.3	4.2	4.1	4.2	4.1	4.3	
G174.0	4.3	4.3	4.3	4.3	4.2	4.1	4.2	4.2	4.3	
G175.0	4.3	4.3	4.3	4.3	4.2	4.1	4.3	4.2	4.3	
G176.0	4.3	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.3	
G177.0	4.4	4.4	4.4	4.3	4.3	4.2	4.3	4.3	4.4	
G178.0	4.3	4.4	4.3	4.3	4.3	4.2	4.3	4.3	4.3	
G179.0	4.3	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
G180.0	4.3	4.3	4.4	4.3	4.3	4.3	4.4	4.3	4.3	

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