

Report No.: 1

Test Time: 2019/3/28 11:31

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8021804 + HCP8031804 (5500K)

Current: 0.082 A

Power Factor: 0.876

Voltage: 220 V

Power: 15.80 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1104.9 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(50%): H22

Vertical Diffuse Angle(50%): V21.7

Luminaire Efficacy Rating (LER): 69.98

Max. Intensity: 2667.46 cd

S/MH(C0/C180): 0.38

Total Rated Lamp Lumens: 1104.9 lm

Efficiency: 100%

Upward Ratio: 2%

Central Intensity: 2617.83 cd

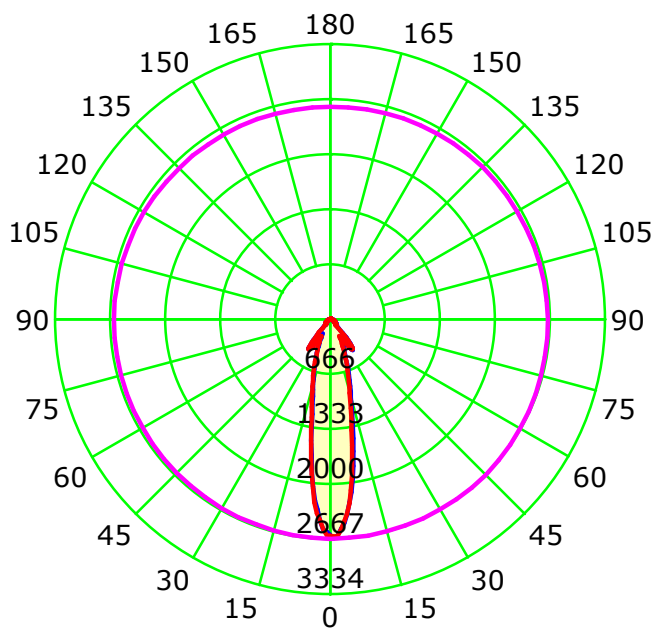
Pos of Max. Intensity: H45 V1

S/MH(C90/C270): 0.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 21.7°

— C0-C180 — C90-C270 — G1

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

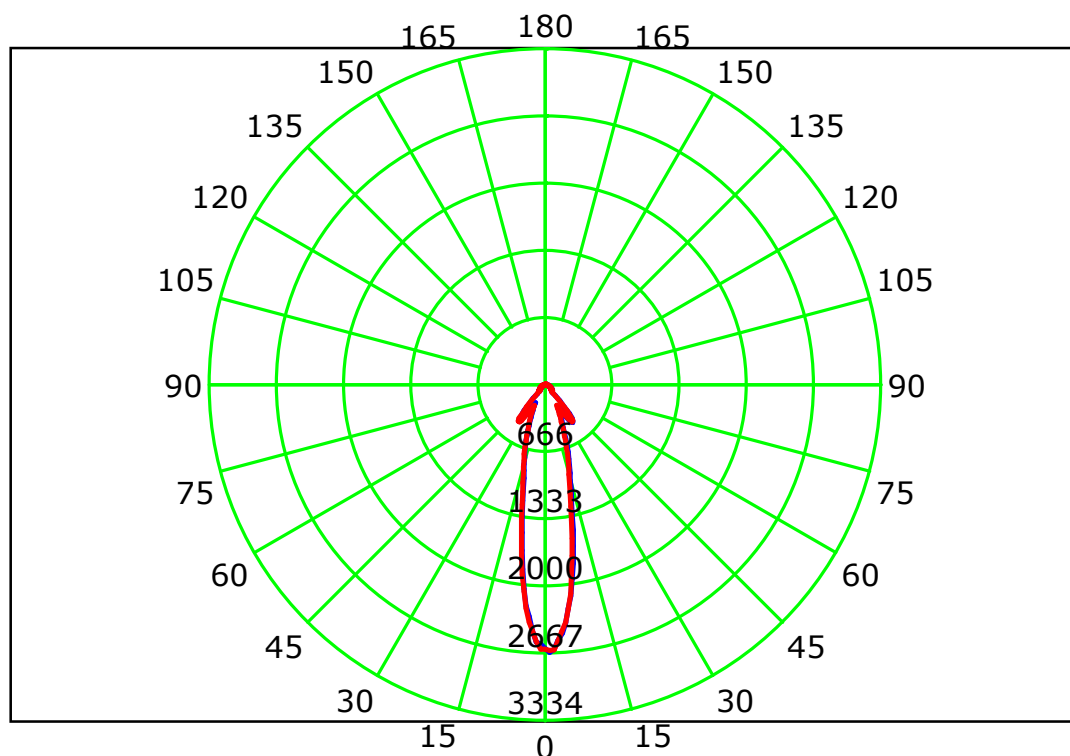
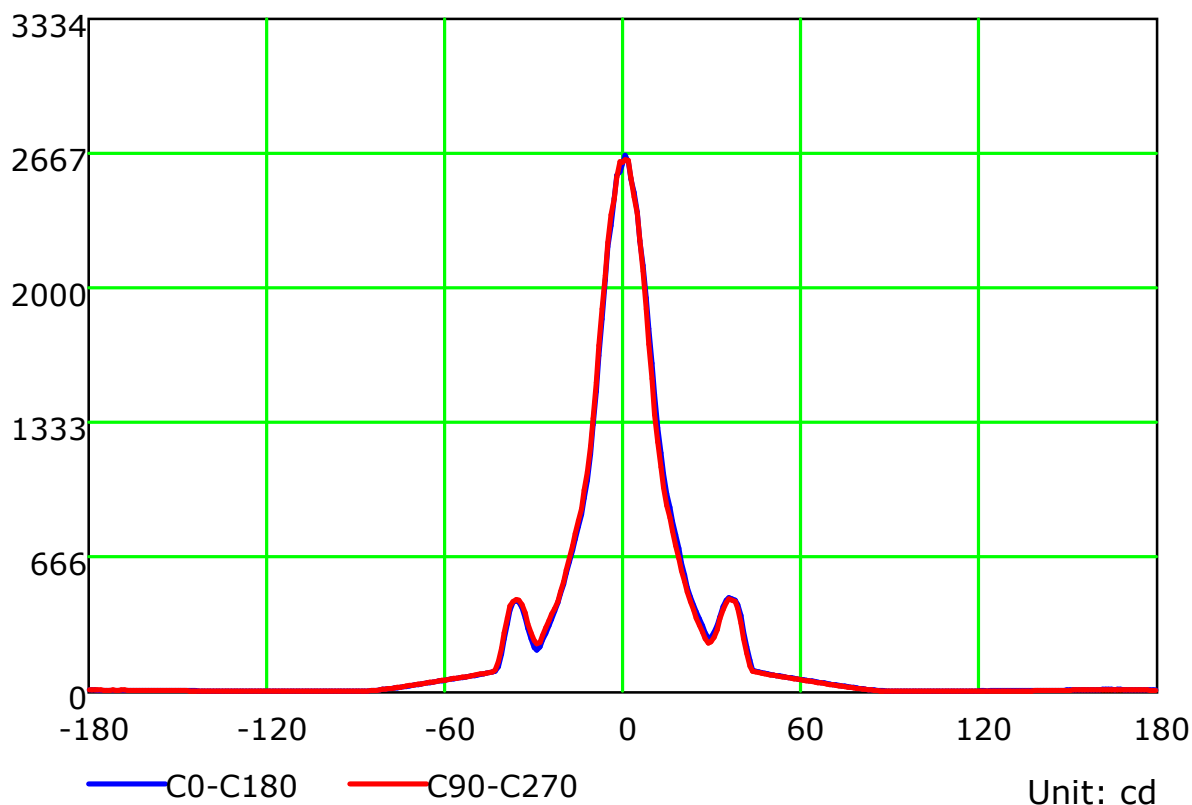
Test Device: GPM-1800B

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:

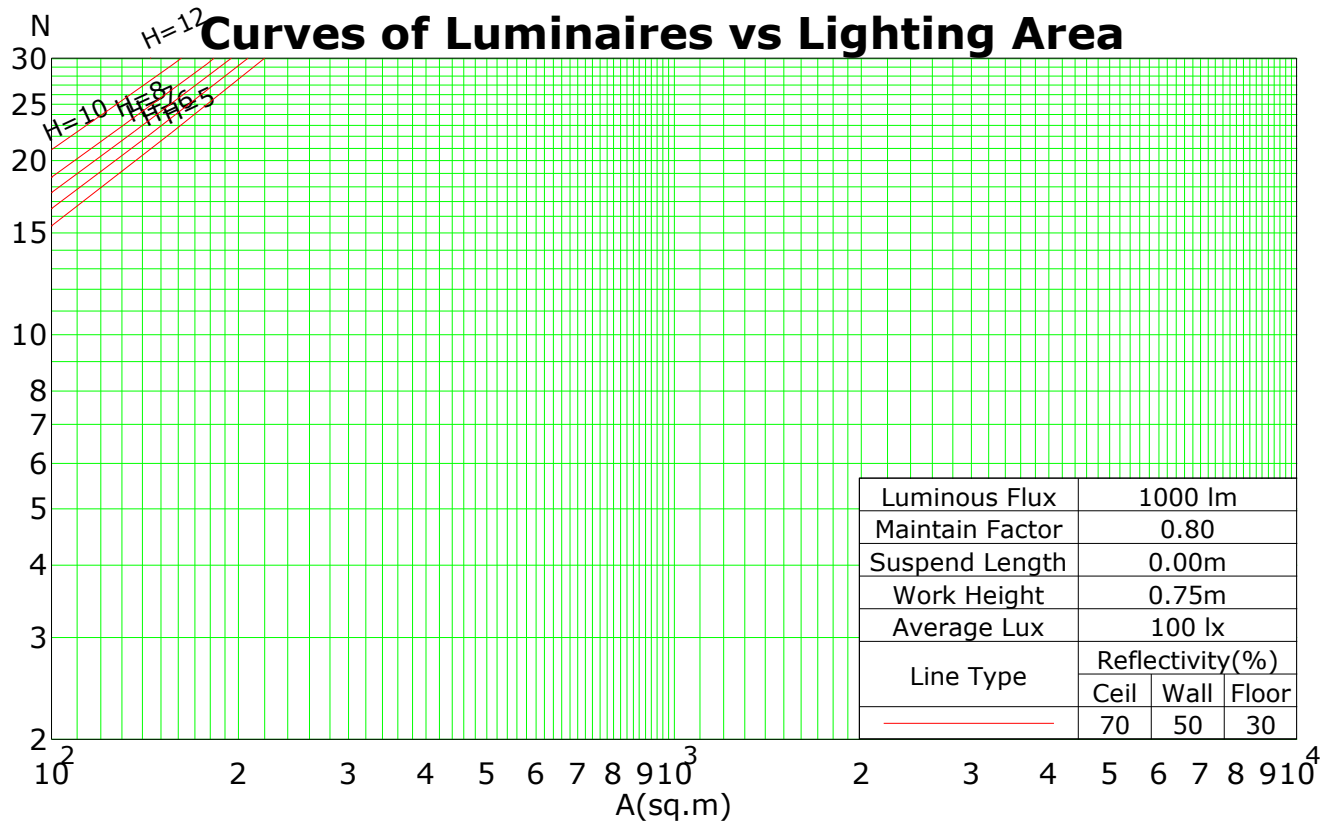
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	101	101	101	98
1	112	109	106	103	109	106	104	101	102	100	98	98	96	95	94	93	92	90
2	105	100	95	91	103	98	94	90	94	91	88	91	88	86	88	86	84	82
3	99	92	86	82	97	90	85	81	87	83	79	85	81	78	82	79	77	75
4	94	85	79	74	92	84	78	74	82	77	73	79	75	72	77	74	71	69
5	89	79	73	68	87	78	72	68	76	71	67	74	70	66	73	69	66	64
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	64	61	60
7	80	70	63	59	78	69	63	59	68	62	58	66	61	58	65	61	57	56
8	76	66	60	55	75	65	59	55	64	59	55	63	58	54	62	57	54	53
9	73	62	56	52	71	62	56	52	61	55	52	60	55	51	59	54	51	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	48	47

Spacing Criteria (0-180): 0.38

Spacing Criteria (90-270): 0.37

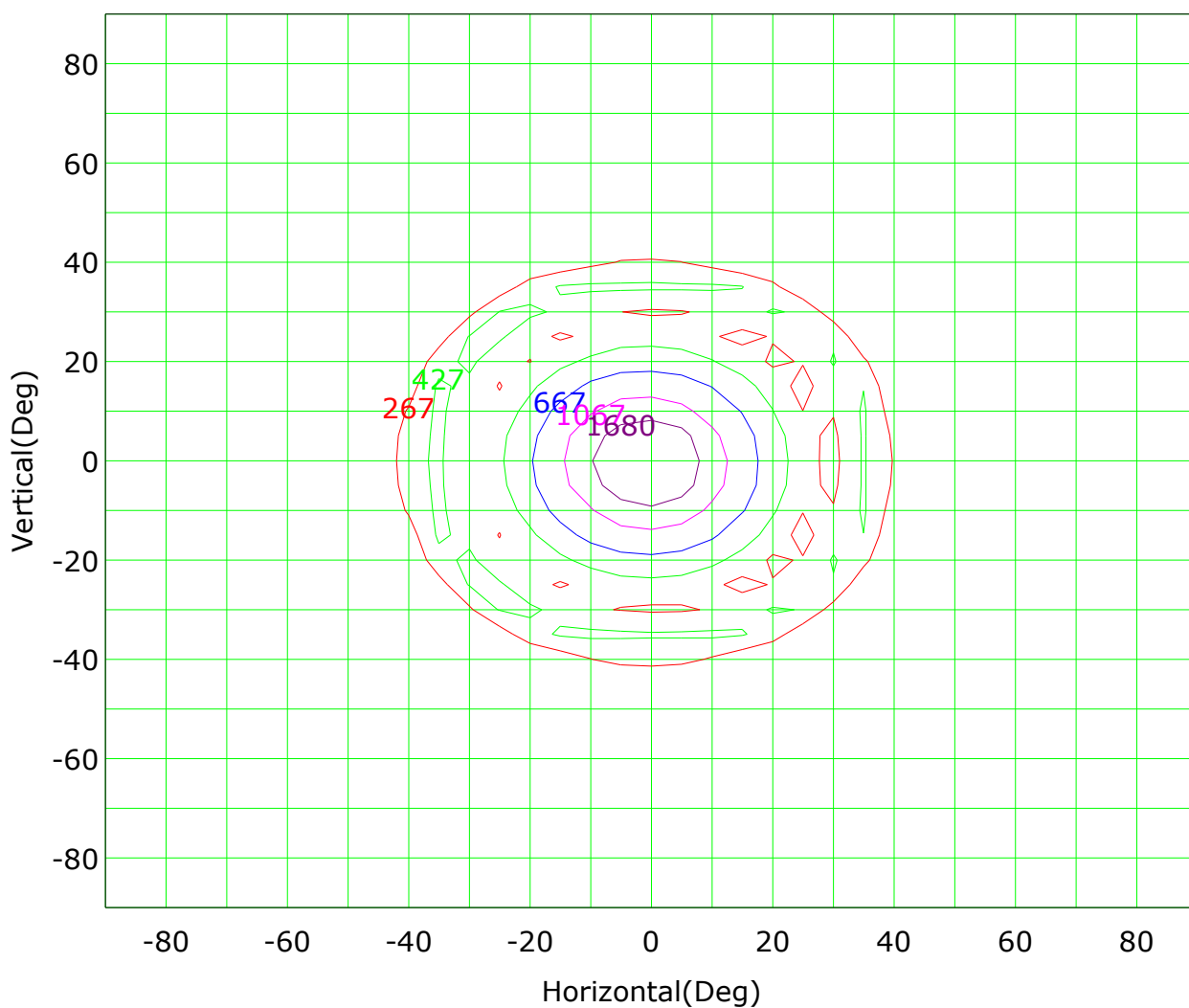
Spacing Criteria (Diagonal): 0.44



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:

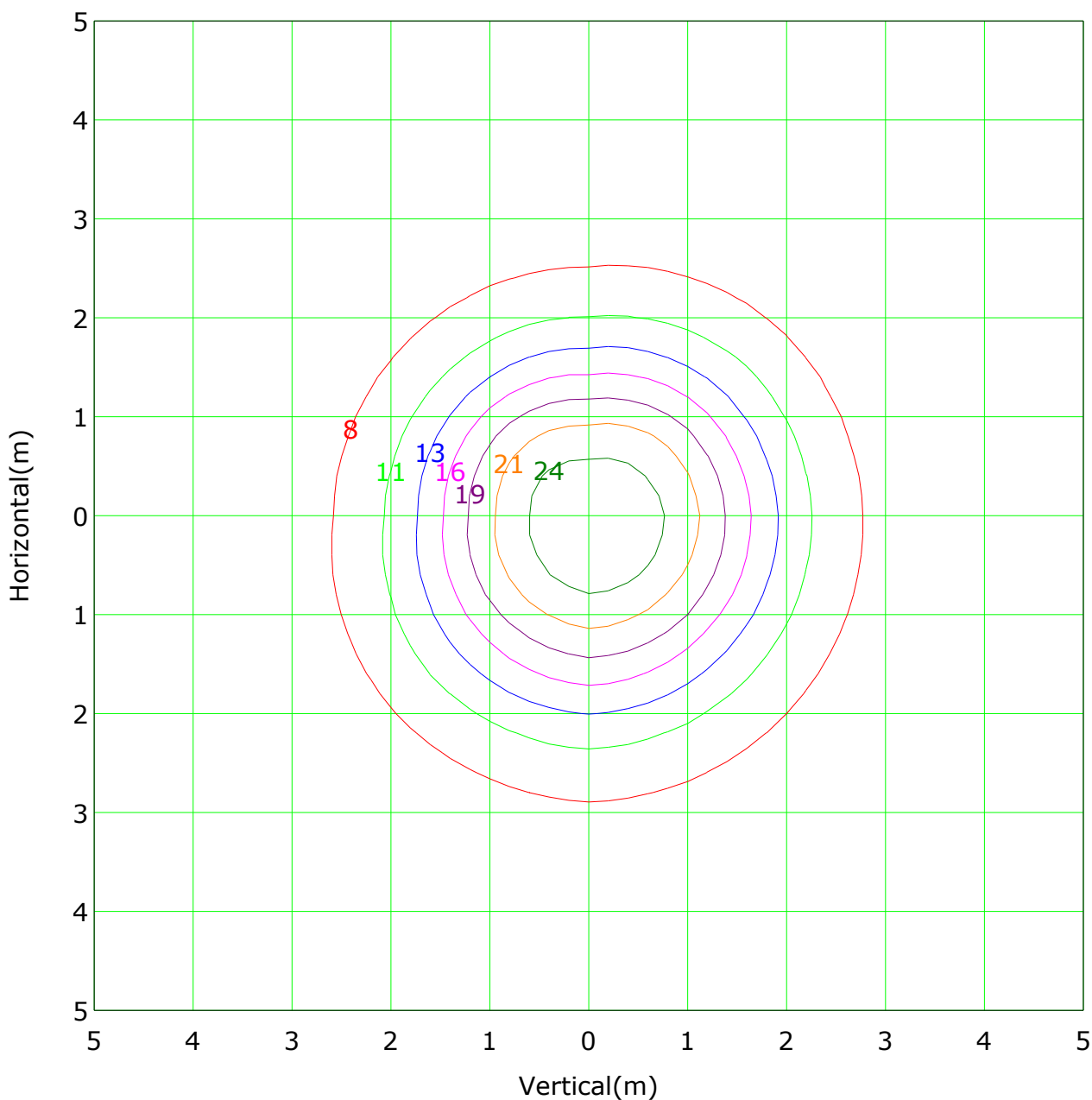
Isocandela (rectangle)



Imax (100%): 2667 cd

(10%): 267 cd	(16%): 427 cd
(25%): 667 cd	(40%): 1067 cd
(63%): 1680 cd	(100%): 2667 cd

IsoLux Plot



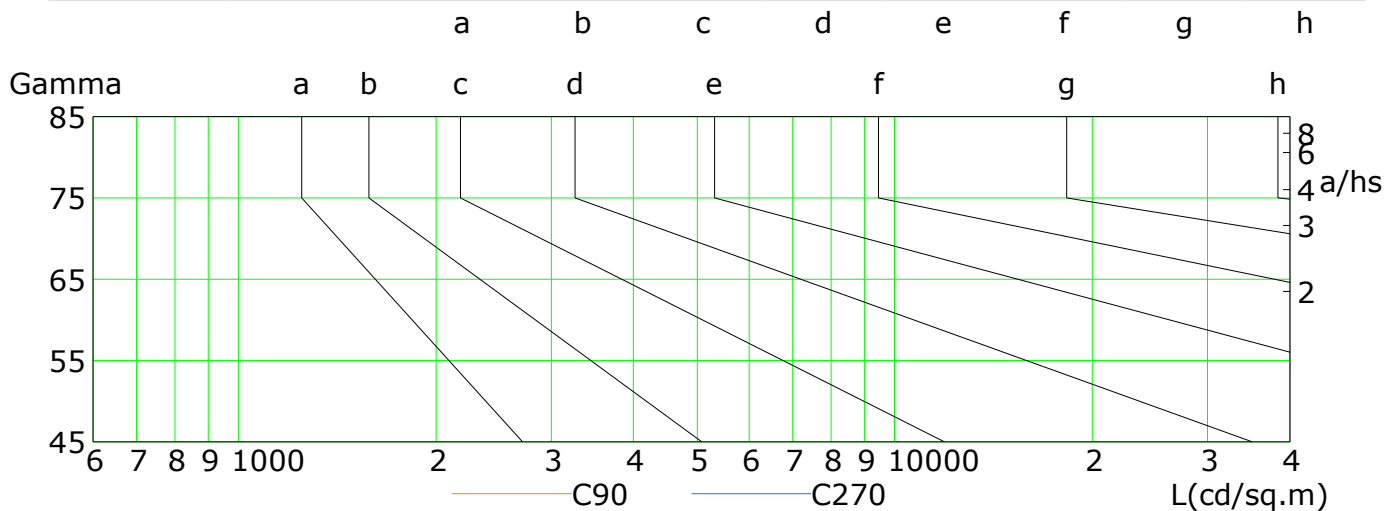
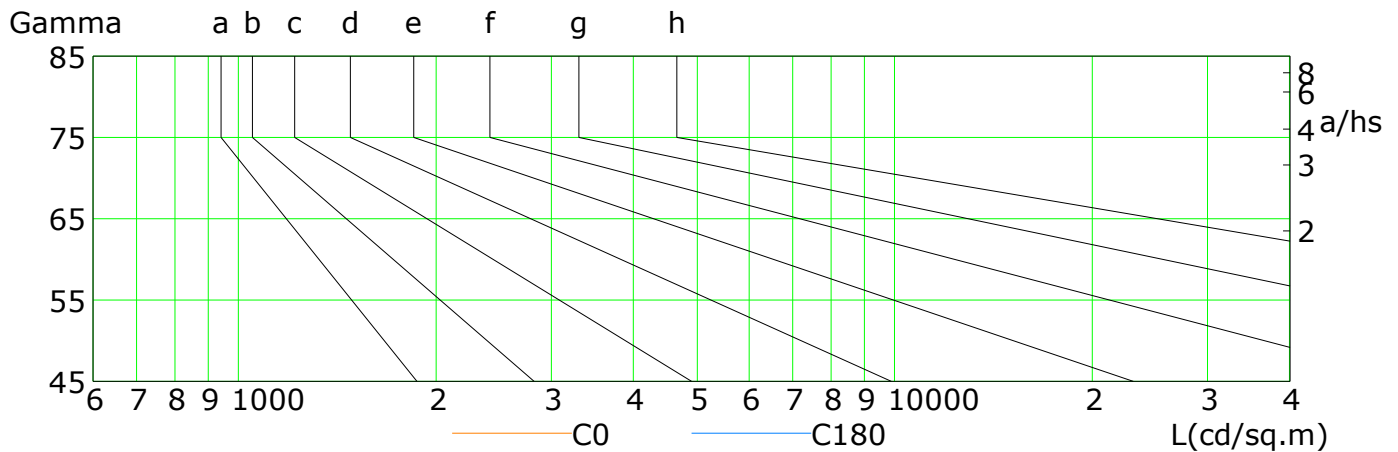
Mounting Height: 10.0m Max Lux(100%): 26.7 lx	
(30%): 8.0 lx	(40%): 10.7 lx
(50%): 13.3 lx	(60%): 16.0 lx
(70%): 18.7 lx	(80%): 21.3 lx
(90%): 24.0 lx	(100%): 26.7 lx
(120%): 32.0 lx	(150%): 40.0 lx

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

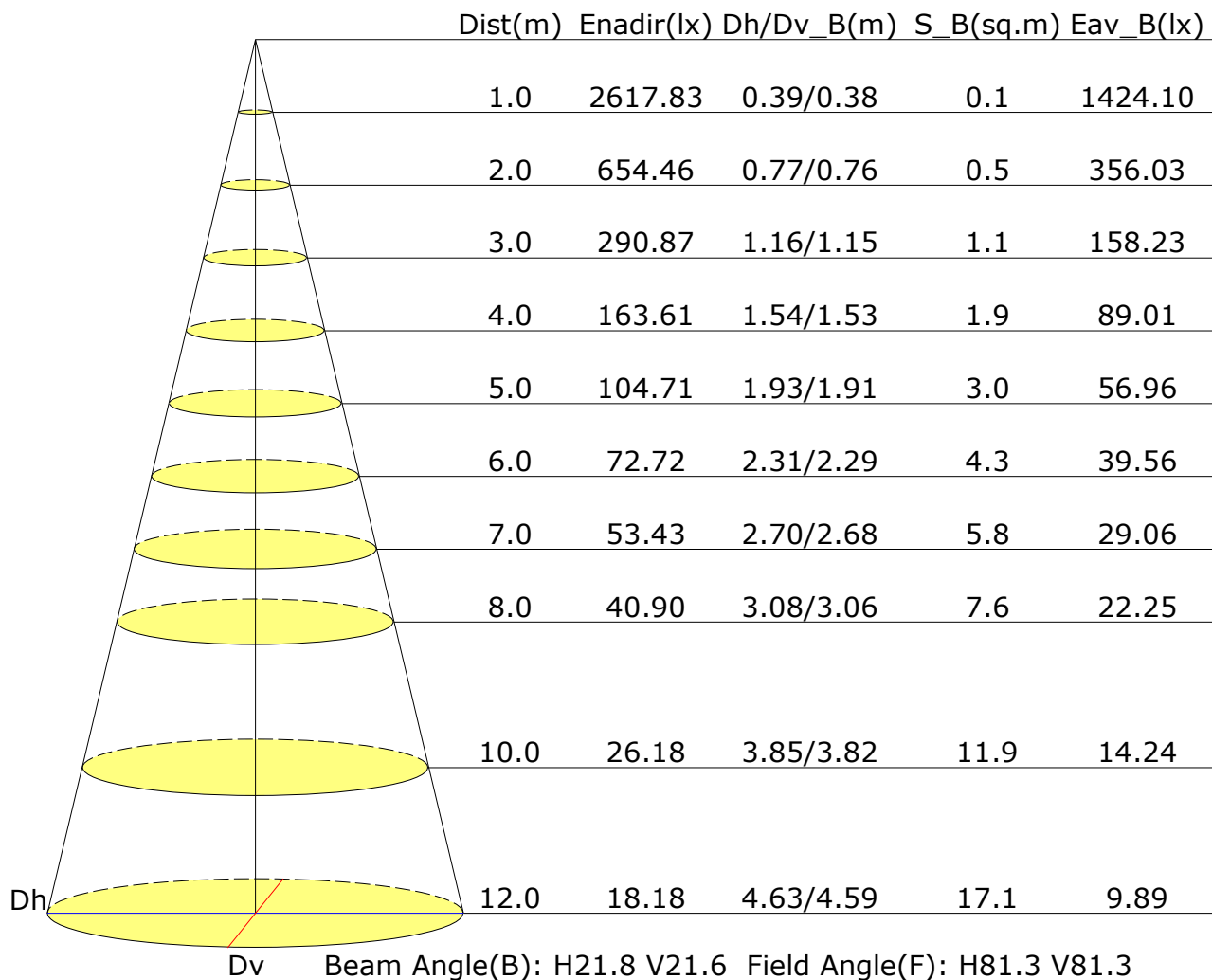


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	99	84	72	60	49	37	26	15	6
C90	96	82	70	58	47	35	24	13	5
C180	93	79	67	56	44	32	21	11	4
C270	94	81	68	56	45	33	22	12	4

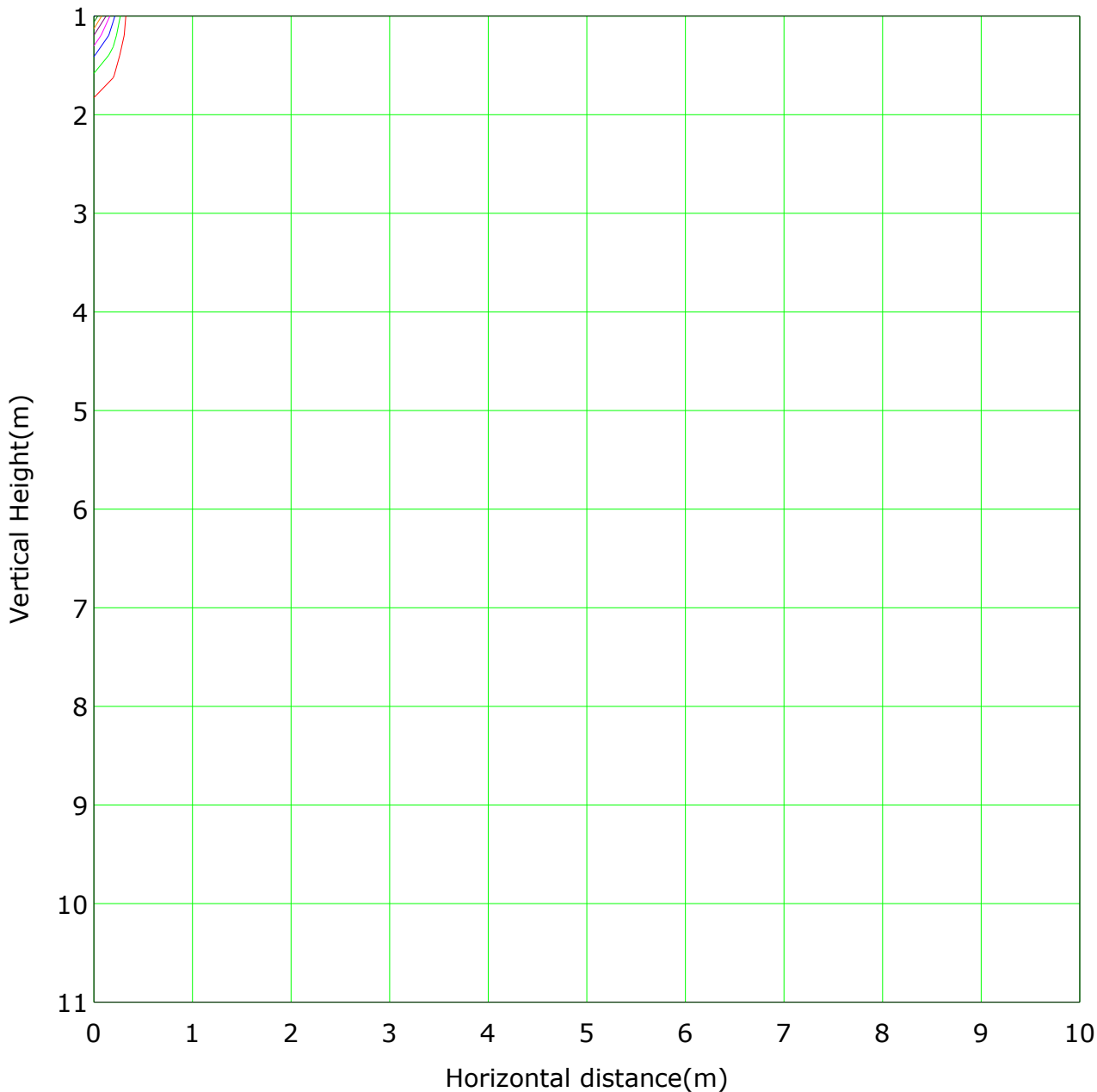
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

Illuminance at a Distance



Vertical IsoLux Plot

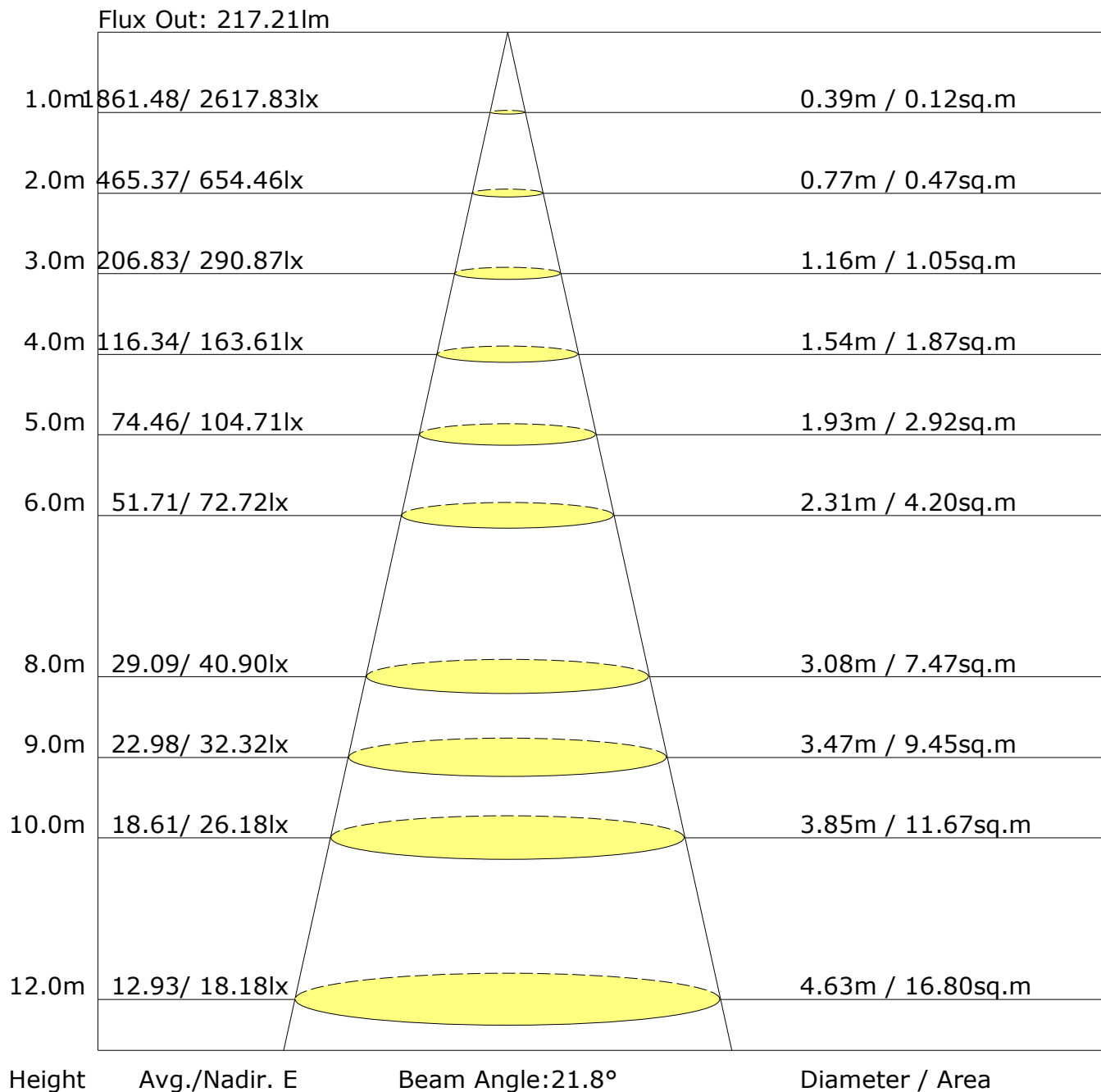


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 2617.8 lx
(30%): 785.3 lx	(40%): 1047.1 lx	
(50%): 1308.9 lx	(60%): 1570.7 lx	
(70%): 1832.5 lx	(80%): 2094.3 lx	
(90%): 2356.0 lx	(100%): 2617.8 lx	
(120%): 3141.4 lx	(150%): 3926.7 lx	

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:

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 1105lm ($8\log(F/F_0) = 0.3$).

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	2617.8	2624.0	2624.0	2631.5	2617.8	2624.0	2624.0	2631.5	2617.8	
G1.0	2659.8	2667.5	2636.8	2612.7	2575.4	2597.0	2627.4	2634.8	2659.8	
G2.0	2628.0	2618.2	2632.7	2607.0	2560.0	2580.1	2550.7	2566.4	2628.0	
G3.0	2542.6	2537.3	2547.1	2528.9	2446.0	2481.6	2444.2	2479.9	2542.6	
G4.0	2474.1	2475.7	2452.1	2401.2	2310.2	2354.7	2362.7	2412.6	2474.1	
G5.0	2376.8	2374.0	2369.3	2311.5	2204.5	2241.0	2228.7	2299.5	2376.8	
G6.0	2233.2	2220.8	2238.1	2183.6	2040.6	2091.6	2063.5	2155.7	2233.2	
G7.0	2114.8	2093.7	2086.2	2005.8	1847.7	1916.4	1898.2	2018.8	2114.8	
G8.0	1950.7	1932.4	1898.0	1835.6	1665.9	1733.8	1716.6	1841.3	1950.7	
G9.0	1798.3	1749.8	1722.5	1655.3	1489.1	1534.4	1533.2	1689.4	1798.3	
G10.0	1628.5	1572.4	1551.9	1478.2	1322.2	1359.0	1353.6	1517.1	1628.5	
G11.0	1471.8	1418.4	1372.4	1313.9	1176.1	1197.6	1214.9	1381.3	1471.8	
G12.0	1307.4	1275.2	1235.7	1188.4	1046.9	1072.3	1086.1	1243.4	1307.4	
G13.0	1184.1	1142.7	1113.2	1072.8	956.9	967.3	999.9	1123.7	1184.1	
G14.0	1078.4	1037.2	1010.2	979.6	879.4	891.8	906.8	1019.4	1078.4	
G15.0	980.7	954.6	924.0	894.6	818.0	829.0	847.3	942.5	980.7	
G16.0	912.4	884.7	861.6	834.7	753.9	768.2	783.4	862.9	912.4	
G17.0	843.6	820.7	794.7	767.5	699.5	716.7	721.6	793.7	843.6	
G18.0	777.4	760.3	722.6	695.6	643.4	653.2	662.1	729.3	777.4	
G19.0	709.2	688.7	658.8	636.4	585.9	598.0	602.4	656.8	709.2	
G20.0	635.9	624.6	600.0	581.6	532.8	546.2	546.2	595.7	635.9	
G21.0	575.5	565.5	546.0	526.0	485.0	496.9	495.0	538.3	575.5	
G22.0	515.9	507.2	494.5	478.0	439.3	448.1	446.8	489.6	515.9	
G23.0	467.6	459.6	447.4	432.2	398.2	407.2	411.3	448.5	467.6	
G24.0	427.0	419.6	405.9	388.9	356.8	371.1	383.6	414.6	427.0	
G25.0	394.1	382.4	364.0	351.4	324.5	339.8	351.9	378.8	394.1	
G26.0	360.5	341.4	329.1	315.4	288.9	303.3	315.6	339.4	360.5	
G27.0	324.6	305.3	294.9	279.9	254.3	269.3	277.7	296.7	324.6	
G28.0	289.4	269.5	261.2	244.3	219.7	242.7	243.2	259.4	289.4	
G29.0	266.4	254.0	239.1	214.9	203.4	220.4	235.2	247.4	266.4	
G30.0	269.6	262.9	246.0	216.8	218.6	220.0	251.1	263.8	269.6	
G31.0	295.0	285.8	267.5	244.5	261.4	246.1	289.6	293.8	295.0	
G32.0	330.0	332.6	307.4	293.3	312.7	289.7	335.5	339.7	330.0	
G33.0	371.2	377.7	359.3	344.3	364.2	341.4	389.8	388.7	371.2	
G34.0	419.4	425.0	405.2	391.1	413.6	389.3	430.0	434.5	419.4	
G35.0	453.3	454.0	441.1	431.8	443.0	428.3	453.3	460.2	453.3	
G36.0	465.9	464.0	458.9	449.9	449.5	445.8	454.8	463.5	465.9	

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	460.1	456.3	454.0	447.7	441.5	447.6	446.1	455.4	460.1	
G38.0	451.7	447.1	445.1	435.0	401.7	425.4	424.7	444.0	451.7	
G39.0	430.7	412.9	409.9	381.0	335.0	356.2	362.8	397.9	430.7	
G40.0	375.8	345.0	338.6	309.4	258.2	278.0	289.2	331.9	375.8	
G41.0	297.2	268.1	262.8	230.6	184.6	199.4	213.3	247.2	297.2	
G42.0	221.4	192.6	187.8	161.1	123.1	134.1	147.6	175.2	221.4	
G43.0	154.3	133.8	123.9	109.8	99.7	103.3	107.1	120.3	154.3	
G44.0	107.7	103.2	99.7	96.4	96.0	97.8	97.0	98.7	107.7	
G45.0	99.0	97.9	95.9	92.9	92.9	94.4	94.2	95.2	99.0	
G46.0	95.8	94.8	92.9	90.0	90.1	91.2	91.7	92.1	95.8	
G47.0	92.8	92.2	90.1	87.4	87.1	88.6	88.8	89.4	92.8	
G48.0	90.0	88.8	87.5	84.8	84.7	85.8	85.8	86.3	90.0	
G49.0	87.2	86.3	85.1	82.3	82.2	83.0	83.2	83.9	87.2	
G50.0	84.2	83.8	81.9	80.0	79.3	80.3	80.5	81.1	84.2	
G51.0	81.7	81.0	79.4	77.5	76.9	77.8	77.9	78.5	81.7	
G52.0	79.3	78.3	77.0	74.9	74.4	75.3	75.5	75.7	79.3	
G53.0	76.8	75.9	74.4	72.3	71.9	72.9	72.9	72.9	76.8	
G54.0	74.3	73.9	72.1	70.3	69.5	70.4	70.5	70.7	74.3	
G55.0	71.6	71.4	69.9	67.8	66.9	67.8	68.1	68.9	71.6	
G56.0	69.5	68.7	67.4	65.1	65.0	65.4	65.8	66.4	69.5	
G57.0	67.1	66.4	64.8	63.0	62.7	63.1	63.8	64.1	67.1	
G58.0	64.7	64.2	63.0	60.7	60.4	60.7	61.2	61.8	64.7	
G59.0	62.4	61.4	60.4	58.3	58.0	57.8	58.8	59.2	62.4	
G60.0	60.2	59.2	58.3	56.2	55.6	56.0	56.5	57.0	60.2	
G61.0	57.9	57.1	55.6	54.0	53.5	53.7	54.4	54.9	57.9	
G62.0	55.9	54.7	53.5	51.8	50.8	51.3	52.2	52.8	55.9	
G63.0	52.9	52.0	51.1	49.2	48.4	49.0	49.8	50.2	52.9	
G64.0	51.0	49.9	48.9	47.2	46.0	46.6	47.5	47.8	51.0	
G65.0	48.9	47.5	46.6	44.6	43.9	43.9	44.8	45.7	48.9	
G66.0	45.9	45.1	44.3	42.5	41.5	41.6	42.7	43.3	45.9	
G67.0	43.9	42.5	41.9	39.8	39.4	39.5	40.4	40.3	43.9	
G68.0	41.5	40.3	39.8	37.5	36.8	37.0	38.0	38.8	41.5	
G69.0	39.3	37.8	37.4	35.0	34.4	35.1	35.3	36.3	39.3	
G70.0	36.9	35.6	34.7	32.6	32.3	32.8	33.4	34.0	36.9	
G71.0	34.6	33.4	32.4	30.3	29.8	30.4	30.9	31.0	34.6	
G72.0	32.2	31.0	30.0	28.2	27.5	28.1	28.8	29.2	32.2	
G73.0	30.0	28.4	27.9	25.8	25.4	26.0	26.6	27.2	30.0	

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	27.9	26.3	25.7	23.7	23.0	23.7	24.1	25.0	27.9	
G75.0	25.7	24.5	23.7	21.5	20.8	21.6	21.9	22.2	25.7	
G76.0	23.3	22.2	21.4	19.2	19.0	19.6	19.8	20.4	23.3	
G77.0	21.5	20.3	19.4	17.4	16.7	17.2	17.7	18.3	21.5	
G78.0	19.2	18.0	17.3	15.4	14.7	14.8	15.5	16.1	19.2	
G79.0	16.9	16.2	15.1	13.2	12.7	13.3	13.6	14.3	16.9	
G80.0	14.9	14.3	13.1	11.3	11.1	11.1	11.7	12.3	14.9	
G81.0	13.1	12.0	11.3	9.7	9.6	9.5	9.7	10.4	13.1	
G82.0	11.3	10.4	9.6	7.8	7.7	7.9	8.1	8.5	11.3	
G83.0	9.5	8.5	7.7	6.3	6.3	6.5	6.3	7.1	9.5	
G84.0	7.8	7.3	6.4	5.1	4.9	5.3	5.2	5.5	7.8	
G85.0	6.5	5.4	4.9	3.4	3.6	4.1	4.0	4.2	6.5	
G86.0	4.9	4.4	3.6	2.5	2.8	3.0	2.8	2.6	4.9	
G87.0	4.1	3.2	2.8	1.4	2.3	2.3	2.0	2.2	4.1	
G88.0	3.4	2.4	1.8	0.8	2.0	1.9	1.3	1.2	3.4	
G89.0	2.8	1.6	1.3	0.7	1.8	1.4	1.1	0.7	2.8	
G90.0	2.6	1.6	1.4	0.7	1.7	1.6	0.8	0.6	2.6	
G91.0	2.4	1.6	1.2	0.6	1.7	1.4	1.0	0.5	2.4	
G92.0	2.3	1.3	1.4	0.6	1.7	1.3	0.8	0.8	2.3	
G93.0	2.3	1.7	1.2	0.6	2.0	1.2	0.8	1.1	2.3	
G94.0	2.4	1.8	1.6	0.7	1.8	1.4	0.7	1.0	2.4	
G95.0	2.3	1.7	1.3	0.6	1.9	1.6	0.8	1.0	2.3	
G96.0	2.3	1.6	1.4	0.6	1.9	1.4	0.8	1.0	2.3	
G97.0	2.3	1.4	1.3	0.6	1.9	1.6	0.7	0.7	2.3	
G98.0	2.3	1.8	1.2	0.6	1.8	1.6	0.8	0.7	2.3	
G99.0	2.3	1.7	1.0	0.7	1.7	1.7	0.8	0.7	2.3	
G100.0	2.6	1.8	1.4	0.8	1.8	1.7	0.8	0.7	2.6	
G101.0	2.6	1.9	1.4	0.7	2.0	1.9	0.8	0.8	2.6	
G102.0	2.5	1.8	1.4	1.1	1.6	1.7	0.8	0.8	2.5	
G103.0	2.4	1.9	1.4	0.7	1.8	1.8	1.1	1.0	2.4	
G104.0	2.3	1.9	1.7	0.8	1.7	1.8	1.1	1.1	2.3	
G105.0	2.3	1.8	1.4	0.8	1.7	1.9	1.0	1.1	2.3	
G106.0	2.4	2.0	1.2	1.0	1.7	1.9	1.1	1.1	2.4	
G107.0	2.6	2.0	1.3	1.2	1.7	0.8	1.2	1.0	2.6	
G108.0	2.3	2.0	1.4	1.1	1.7	1.7	1.1	1.0	2.3	
G109.0	2.5	2.2	1.4	1.1	1.8	1.7	1.1	1.1	2.5	
G110.0	2.4	1.9	1.7	1.1	1.7	1.8	0.8	0.8	2.4	

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 (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	2.5	2.0	1.7	1.1	1.9	2.0	1.1	1.0	2.5	
G112.0	2.3	2.3	1.3	1.2	1.8	1.8	1.0	0.8	2.3	
G113.0	2.4	2.0	1.6	1.1	2.3	1.8	0.8	0.8	2.4	
G114.0	2.4	2.0	1.7	1.1	2.0	1.8	1.0	0.8	2.4	
G115.0	2.4	2.2	1.8	1.3	2.2	2.2	1.1	1.0	2.4	
G116.0	2.5	2.4	1.7	1.2	1.9	1.8	1.2	1.0	2.5	
G117.0	2.6	2.4	1.9	0.6	1.9	1.8	1.3	1.0	2.6	
G118.0	2.8	2.4	2.0	0.8	2.3	2.0	1.1	1.1	2.8	
G119.0	2.8	2.5	2.3	0.7	2.3	2.0	1.4	1.1	2.8	
G120.0	3.0	2.6	2.0	1.0	2.4	2.3	1.4	1.3	3.0	
G121.0	3.2	2.5	2.2	1.3	2.4	1.8	1.6	1.3	3.2	
G122.0	3.4	2.8	2.4	1.3	2.3	1.3	1.6	1.2	3.4	
G123.0	3.1	2.6	2.2	1.2	2.3	1.8	1.4	1.3	3.1	
G124.0	3.2	2.8	2.3	1.6	2.3	2.2	1.7	1.4	3.2	
G125.0	3.4	2.6	2.5	1.6	2.3	2.4	1.6	1.3	3.4	
G126.0	3.2	3.1	2.5	1.7	2.5	2.2	1.4	1.2	3.2	
G127.0	3.5	2.9	2.4	1.7	2.5	2.3	1.4	1.1	3.5	
G128.0	3.5	3.0	2.8	1.6	2.0	2.3	1.7	1.7	3.5	
G129.0	3.5	2.6	2.8	1.8	2.5	2.4	1.8	1.6	3.5	
G130.0	3.6	3.1	2.8	1.7	2.5	2.5	1.8	1.7	3.6	
G131.0	3.5	3.2	2.8	2.0	2.5	2.3	1.9	1.6	3.5	
G132.0	3.6	3.4	2.9	1.9	2.6	2.5	2.0	1.7	3.6	
G133.0	3.7	3.5	2.9	1.9	2.9	2.5	2.0	1.4	3.7	
G134.0	3.6	3.6	2.9	1.9	2.8	2.9	1.9	1.7	3.6	
G135.0	3.7	3.5	3.0	2.3	3.1	3.1	1.9	1.8	3.7	
G136.0	3.7	3.5	2.9	2.4	3.1	3.1	1.8	1.6	3.7	
G137.0	3.7	3.4	3.0	2.8	2.9	3.1	2.3	1.7	3.7	
G138.0	4.0	3.6	3.1	3.0	3.0	3.2	2.4	1.8	4.0	
G139.0	3.6	3.6	3.2	2.9	3.0	3.0	2.5	2.2	3.6	
G140.0	4.0	3.8	3.2	3.0	2.9	3.1	2.5	2.3	4.0	
G141.0	4.2	3.8	3.7	2.6	2.4	3.2	2.6	2.2	4.2	
G142.0	4.8	4.1	4.0	3.5	2.9	3.1	2.9	2.4	4.8	
G143.0	4.9	4.3	4.0	3.7	3.0	3.2	2.9	2.0	4.9	
G144.0	4.8	4.4	4.1	3.8	3.2	2.9	3.0	2.2	4.8	
G145.0	5.2	4.6	4.3	4.1	3.4	3.1	3.0	2.2	5.2	
G146.0	5.2	4.3	4.9	4.3	3.5	3.2	3.0	2.4	5.2	
G147.0	5.7	4.6	5.1	4.6	3.5	3.2	3.4	2.5	5.7	

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 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	5.9	4.7	4.9	4.9	3.8	3.4	3.5	3.0	5.9	
G149.0	6.0	5.1	5.2	5.2	4.1	3.4	3.7	3.0	6.0	
G150.0	6.4	5.4	5.5	5.5	4.1	3.8	3.5	3.1	6.4	
G151.0	6.8	5.9	5.9	5.5	4.4	3.8	4.2	3.1	6.8	
G152.0	7.0	6.1	6.4	6.0	4.6	4.3	4.3	3.4	7.0	
G153.0	7.2	6.5	6.5	6.6	4.8	4.2	4.4	3.7	7.2	
G154.0	7.4	6.6	7.0	6.6	4.9	4.6	4.7	4.1	7.4	
G155.0	7.7	7.1	7.1	6.8	4.9	4.8	4.9	4.0	7.7	
G156.0	7.9	7.2	7.4	7.2	4.9	4.8	4.9	4.2	7.9	
G157.0	8.3	7.4	7.6	7.6	5.2	4.9	5.1	4.2	8.3	
G158.0	8.6	7.6	7.9	7.7	5.3	5.2	4.8	4.3	8.6	
G159.0	8.8	7.9	8.2	7.9	5.3	5.5	5.3	4.6	8.8	
G160.0	9.3	8.3	8.4	8.2	5.9	6.1	4.9	4.9	9.3	
G161.0	9.5	8.6	8.6	8.2	6.0	6.4	5.4	4.8	9.5	
G162.0	9.7	8.6	8.5	8.5	6.0	6.7	5.3	4.9	9.7	
G163.0	9.7	8.8	8.5	7.9	6.0	6.4	5.7	5.2	9.7	
G164.0	9.7	8.8	8.9	8.6	6.1	6.5	6.3	5.2	9.7	
G165.0	9.7	9.0	8.9	8.9	6.0	6.4	6.1	5.5	9.7	
G166.0	9.5	8.8	8.6	8.9	6.0	6.3	6.0	5.3	9.5	
G167.0	9.6	8.8	8.8	8.4	6.1	6.0	6.1	5.5	9.6	
G168.0	9.7	8.5	8.5	8.5	6.3	6.3	6.5	5.4	9.7	
G169.0	9.4	8.4	8.3	8.5	6.0	6.4	6.4	5.3	9.4	
G170.0	8.8	8.4	7.9	8.3	6.3	6.5	6.1	5.4	8.8	
G171.0	9.3	8.2	8.1	7.8	6.3	6.3	6.3	5.3	9.3	
G172.0	9.0	7.9	7.7	7.6	6.3	6.5	6.5	5.4	9.0	
G173.0	8.8	7.7	7.7	7.6	6.3	6.4	6.3	5.5	8.8	
G174.0	8.4	7.6	7.3	7.6	6.0	6.6	6.0	5.4	8.4	
G175.0	8.1	7.1	7.1	7.1	6.1	6.6	6.1	5.3	8.1	
G176.0	7.7	6.1	7.0	6.4	6.1	6.7	6.4	5.2	7.7	
G177.0	7.9	6.7	6.6	6.4	6.3	6.7	6.5	5.1	7.9	
G178.0	7.4	7.0	6.1	6.0	6.4	6.6	6.5	5.5	7.4	
G179.0	7.3	6.4	6.1	6.1	6.5	6.6	6.6	5.1	7.3	
G180.0	7.1	6.7	5.8	5.9	6.6	7.1	7.0	6.3	7.1	

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: