

Report No.: 1

Test Time: 2019/3/28 18:09

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8820704 + HCP-8830704 (4000K)

Current: 0.034 A

Power Factor: 0.869

Voltage: 220 V

Power: 6.52 W

Photometric Results

CIE Class: Direct

Measurement Flux: 488.2 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H34.3

Vertical Diffuse Angle(50%): V34.4

Luminaire Efficacy Rating (LER): 74.93

Max. Intensity: 1097.22 cd

S/MH(C0/C180): 0.56

Total Rated Lamp Lumens: 488.2 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1095.77 cd

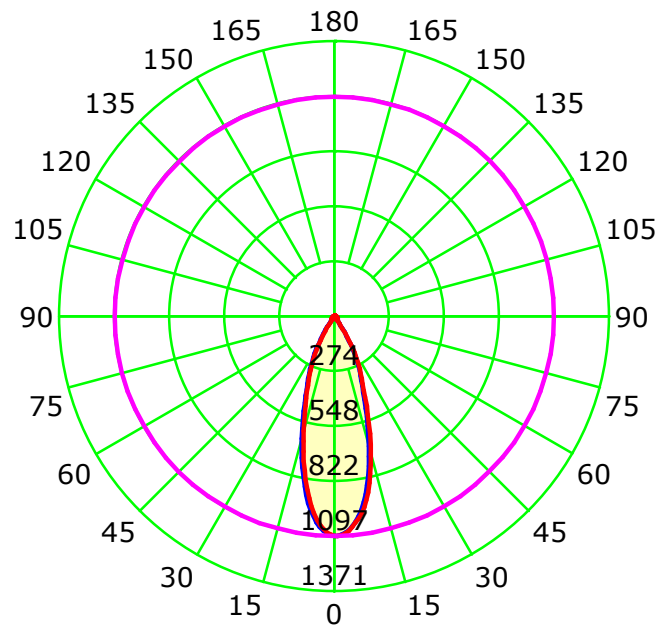
Pos of Max. Intensity: H135 V0

S/MH(C90/C270): 0.57

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 34.4°

— 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

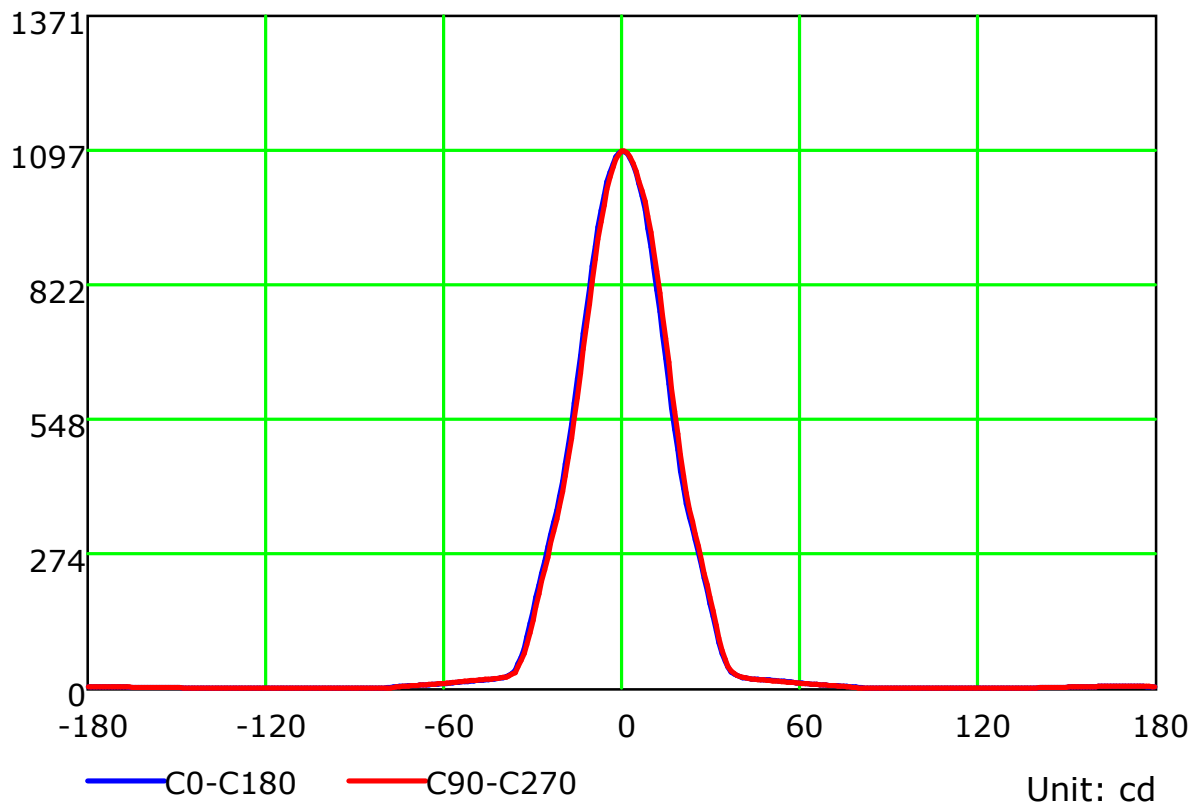
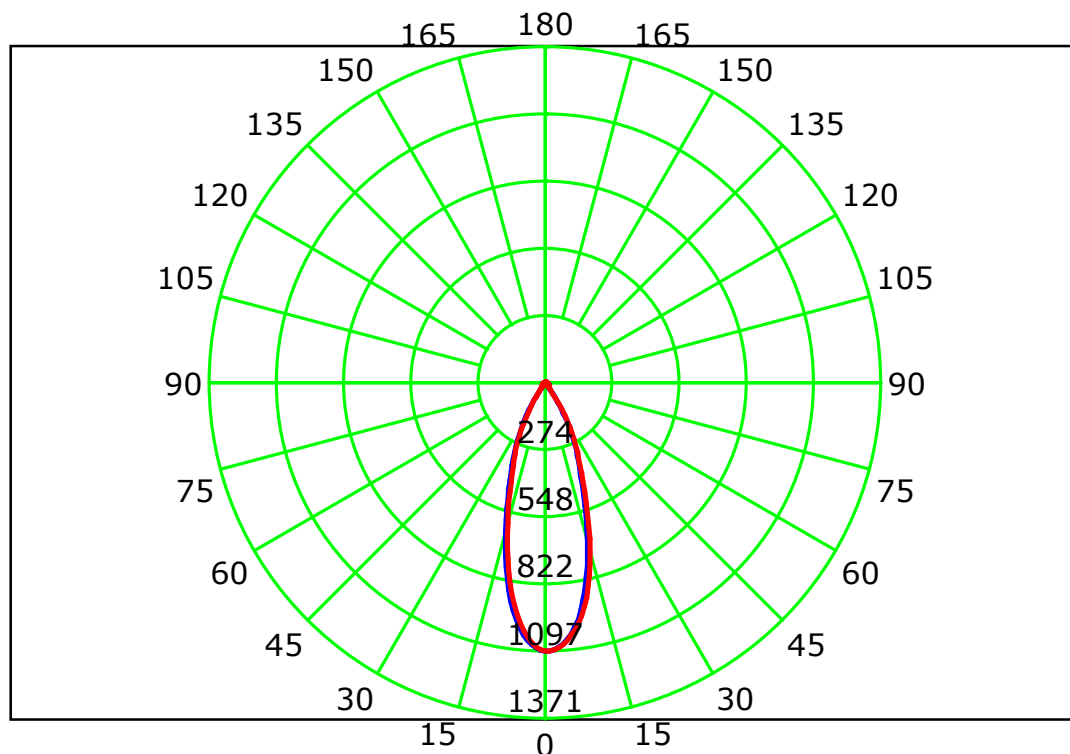
Test Device: GPM-1800B

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:

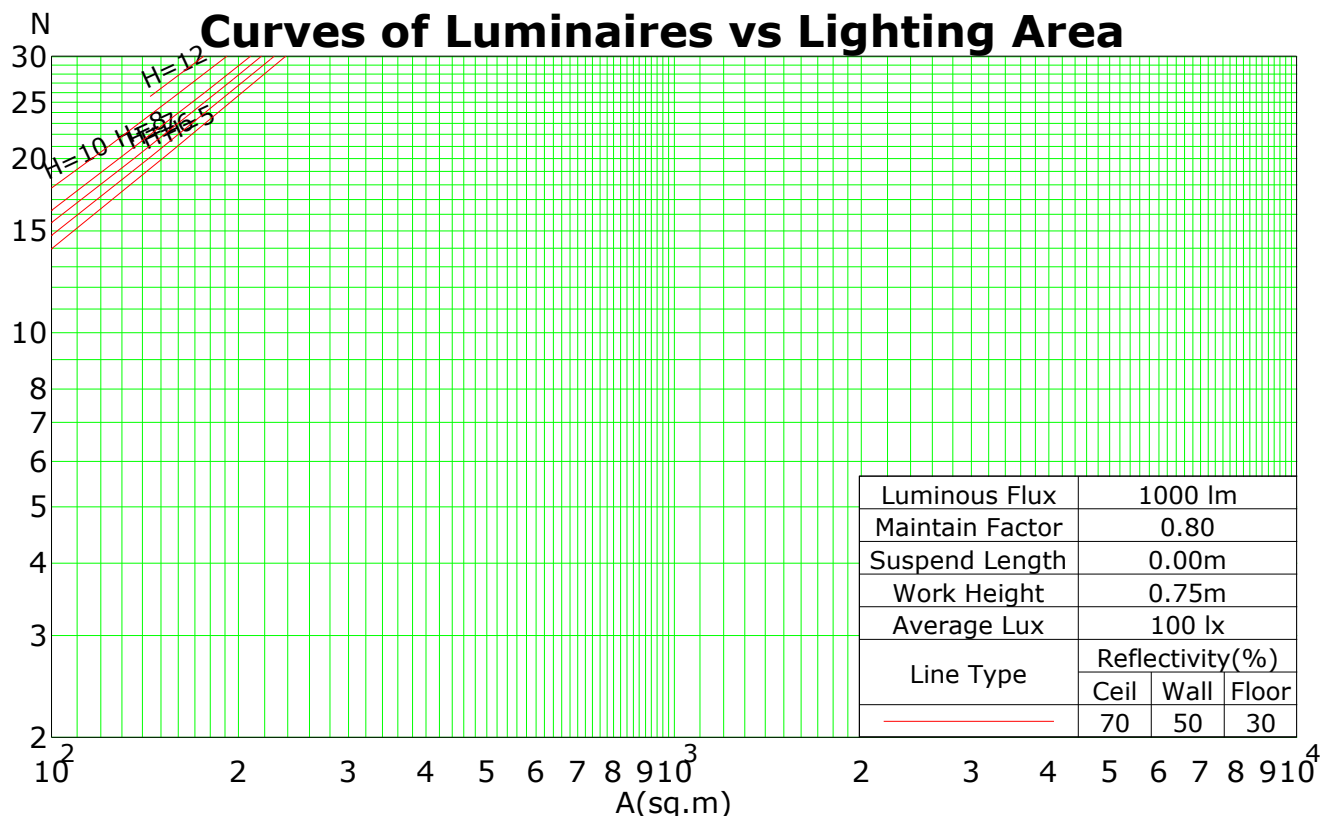
Coefficients Of Utilization - Zonal Cavity Method

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	114	111	109	106	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	94	96	93	91	93	91	89	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78
5	95	87	82	78	93	86	82	78	85	80	77	83	79	76	81	78	76	74
6	91	83	78	74	90	82	77	74	81	76	73	79	75	73	78	75	72	71
7	87	79	74	70	86	79	73	70	77	73	69	76	72	69	75	71	69	67
8	84	76	70	67	83	75	70	67	74	69	66	73	69	66	72	68	66	64
9	81	72	67	64	80	72	67	64	71	66	63	70	66	63	69	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59

Spacing Criteria (0-180): 0.56

Spacing Criteria (90-270): 0.57

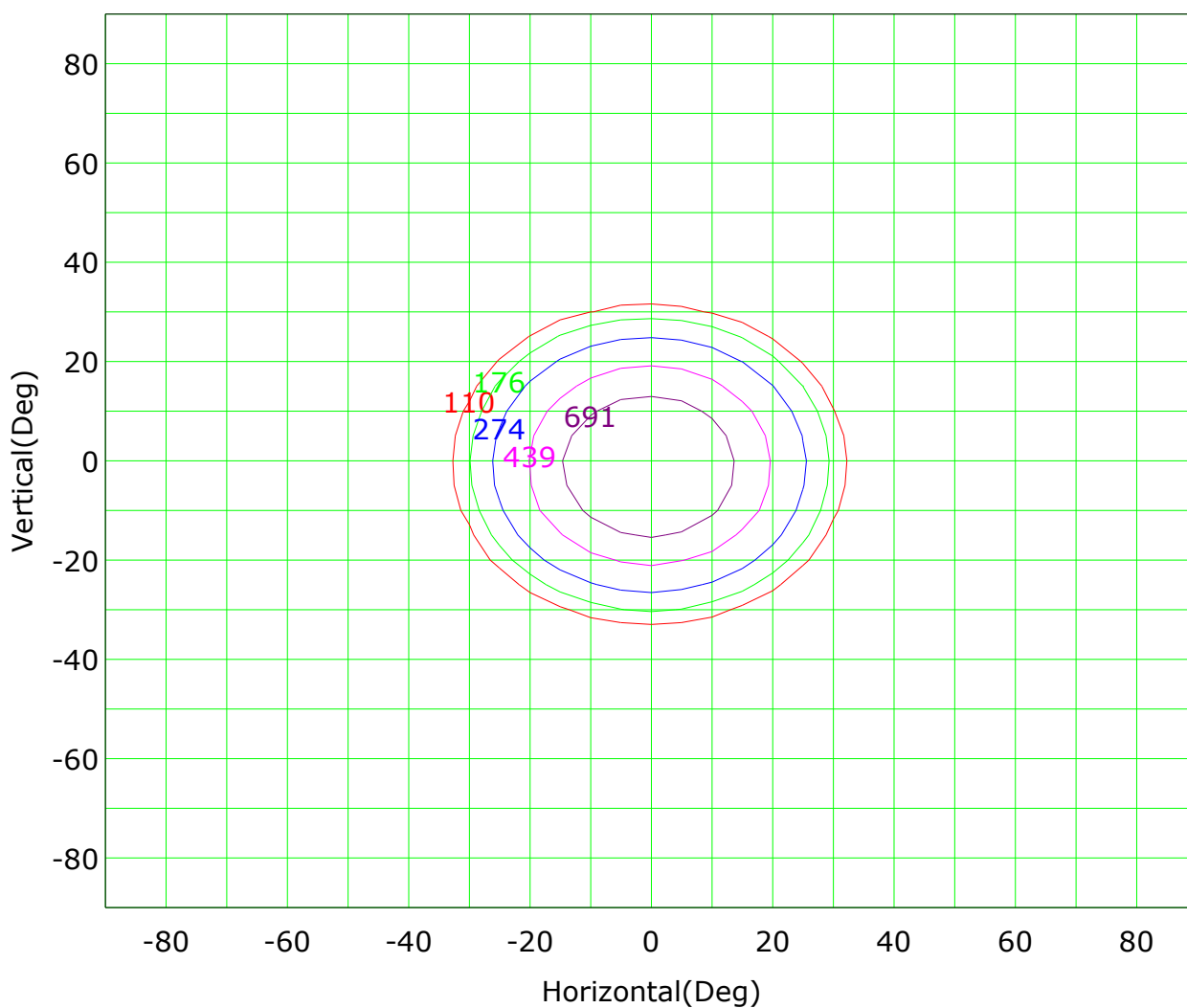
Spacing Criteria (Diagonal): 0.59



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:

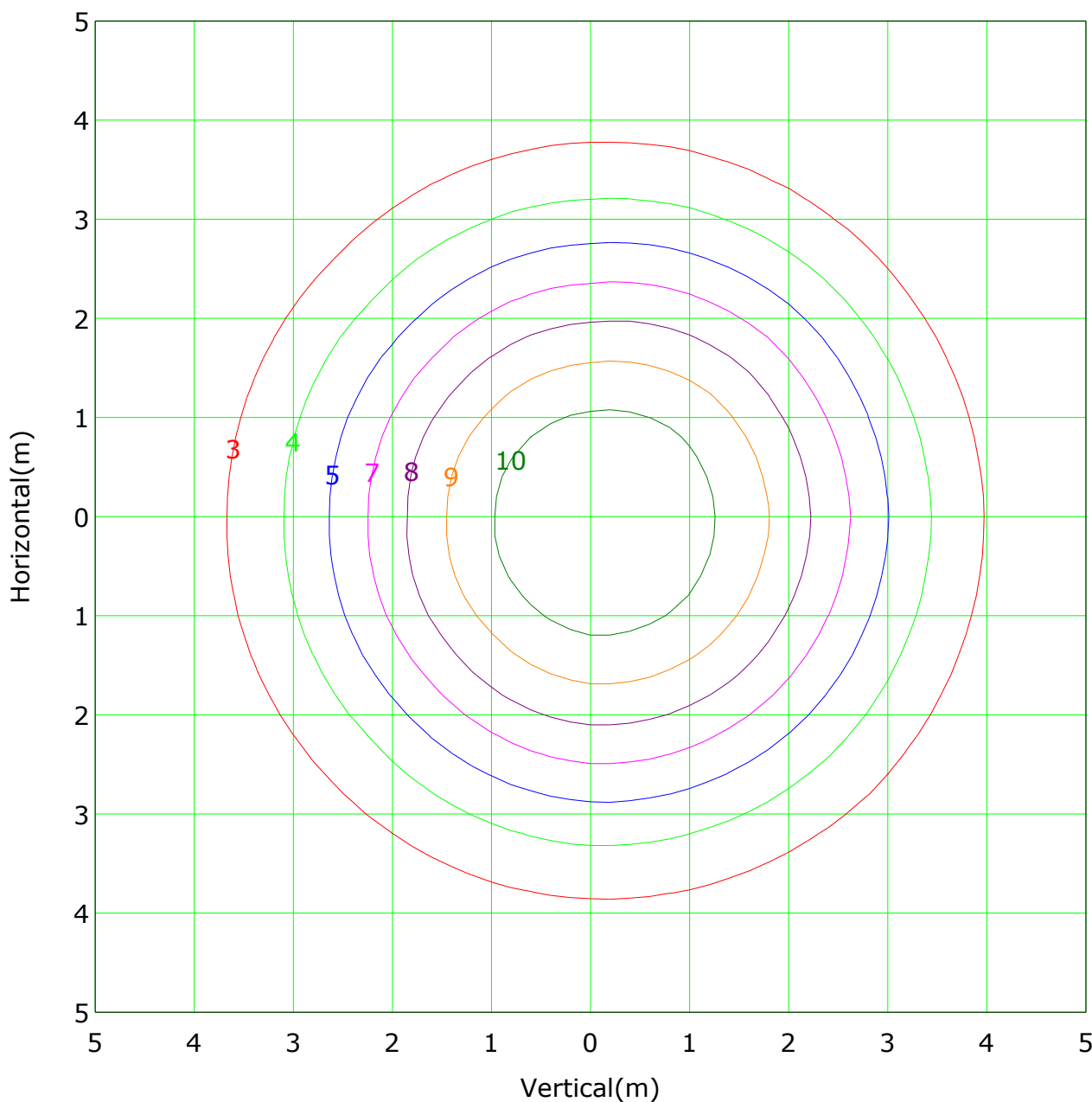
Isocandela (rectangle)



Imax (100%): 1097 cd

(10%): 110 cd	(16%): 176 cd
(25%): 274 cd	(40%): 439 cd
(63%): 691 cd	(100%): 1097 cd

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 11.0 lx	
— (30%):	3.3 lx	— (40%):	4.4 lx
— (50%):	5.5 lx	— (60%):	6.6 lx
— (70%):	7.7 lx	— (80%):	8.8 lx
— (90%):	9.9 lx	— (100%):	11.0 lx
— (120%):	13.2 lx	— (150%):	16.5 lx

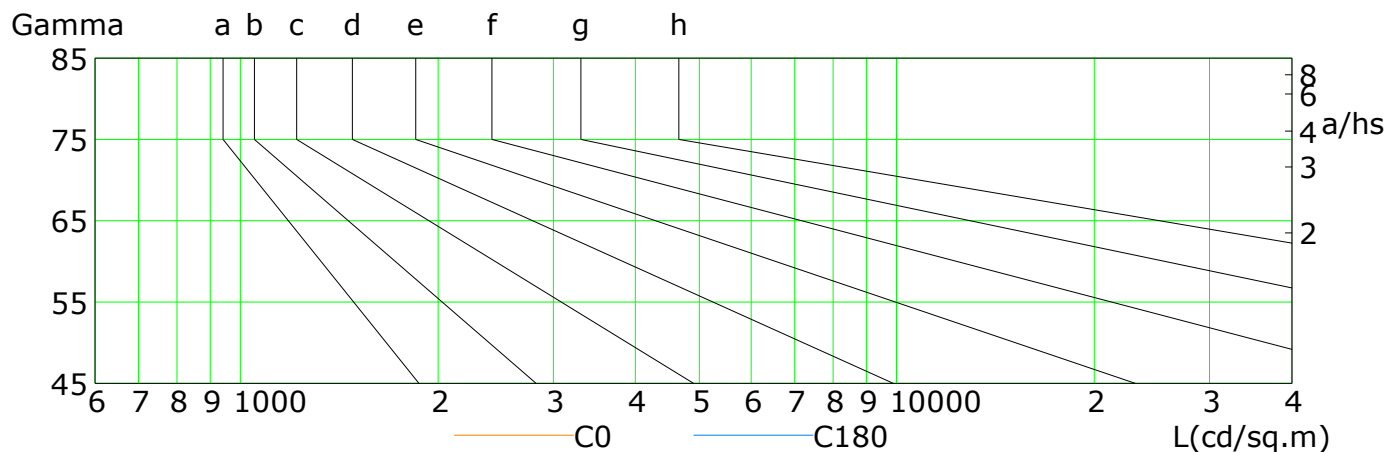
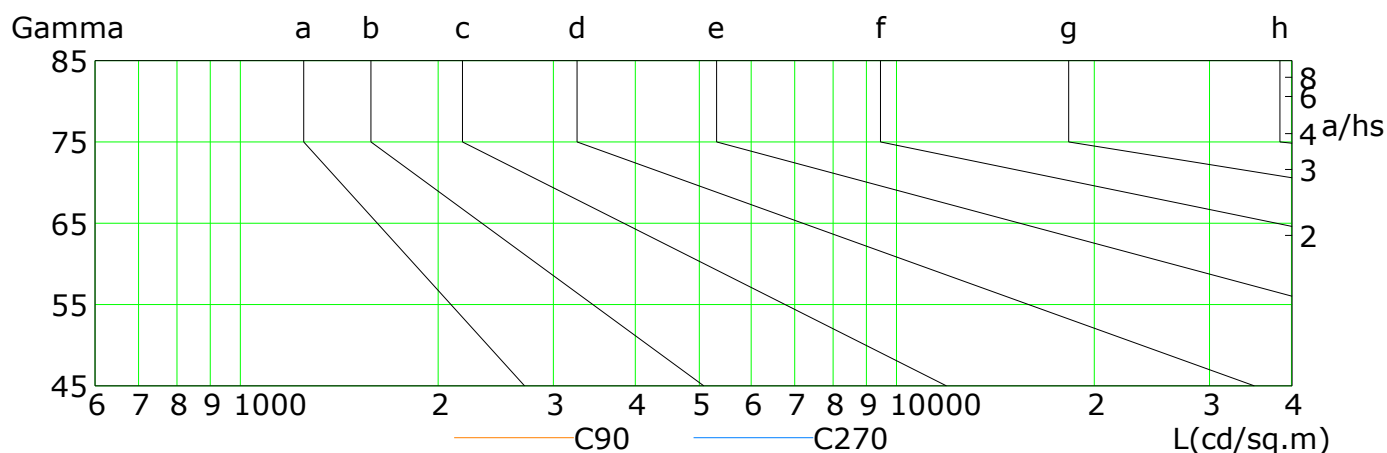
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

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

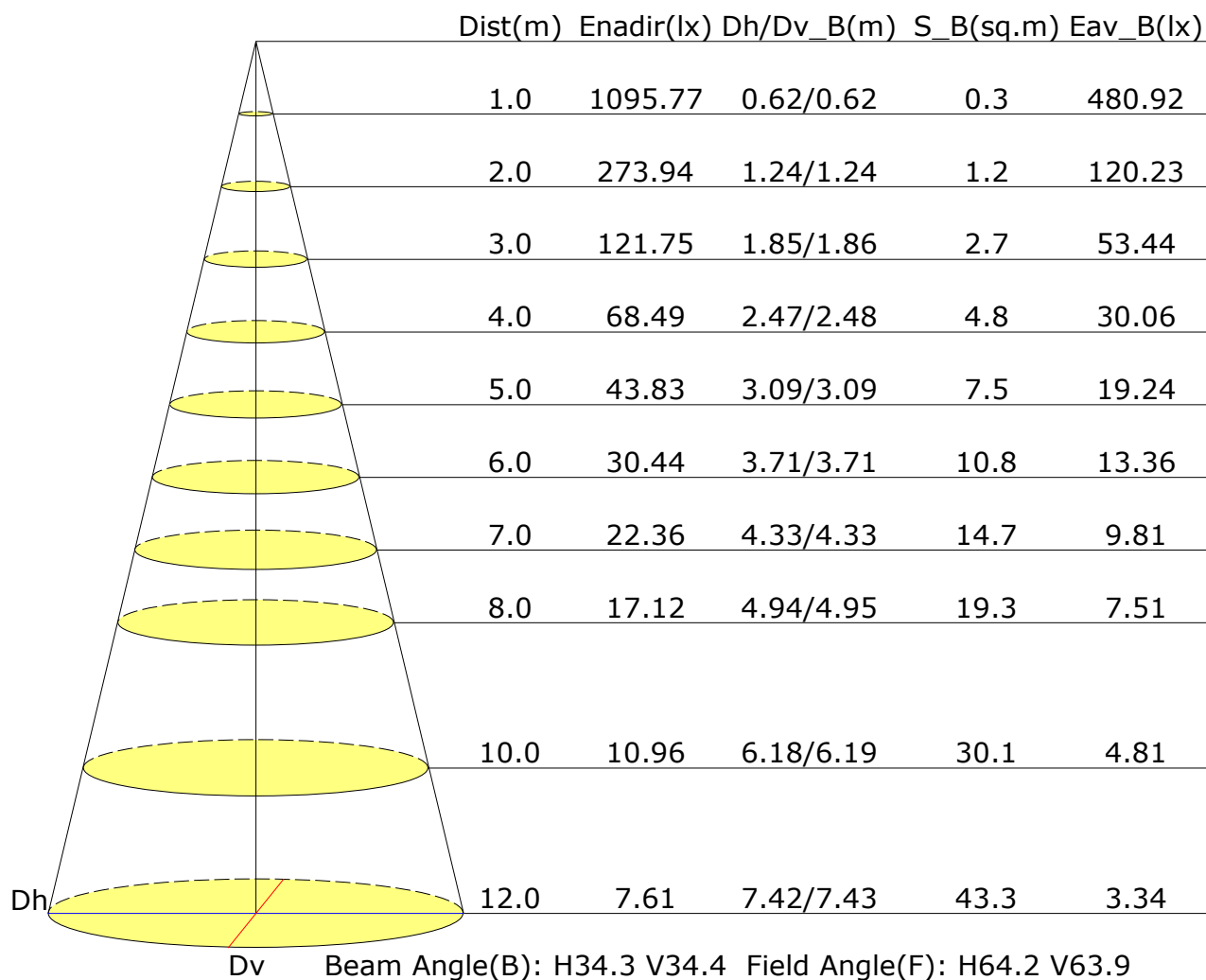


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	19	17	14	11	9	6	5	2	0
C90	19	16	14	11	9	6	4	1	0
C180	18	15	13	10	8	6	4	1	0
C270	19	16	13	10	8	6	3	1	0

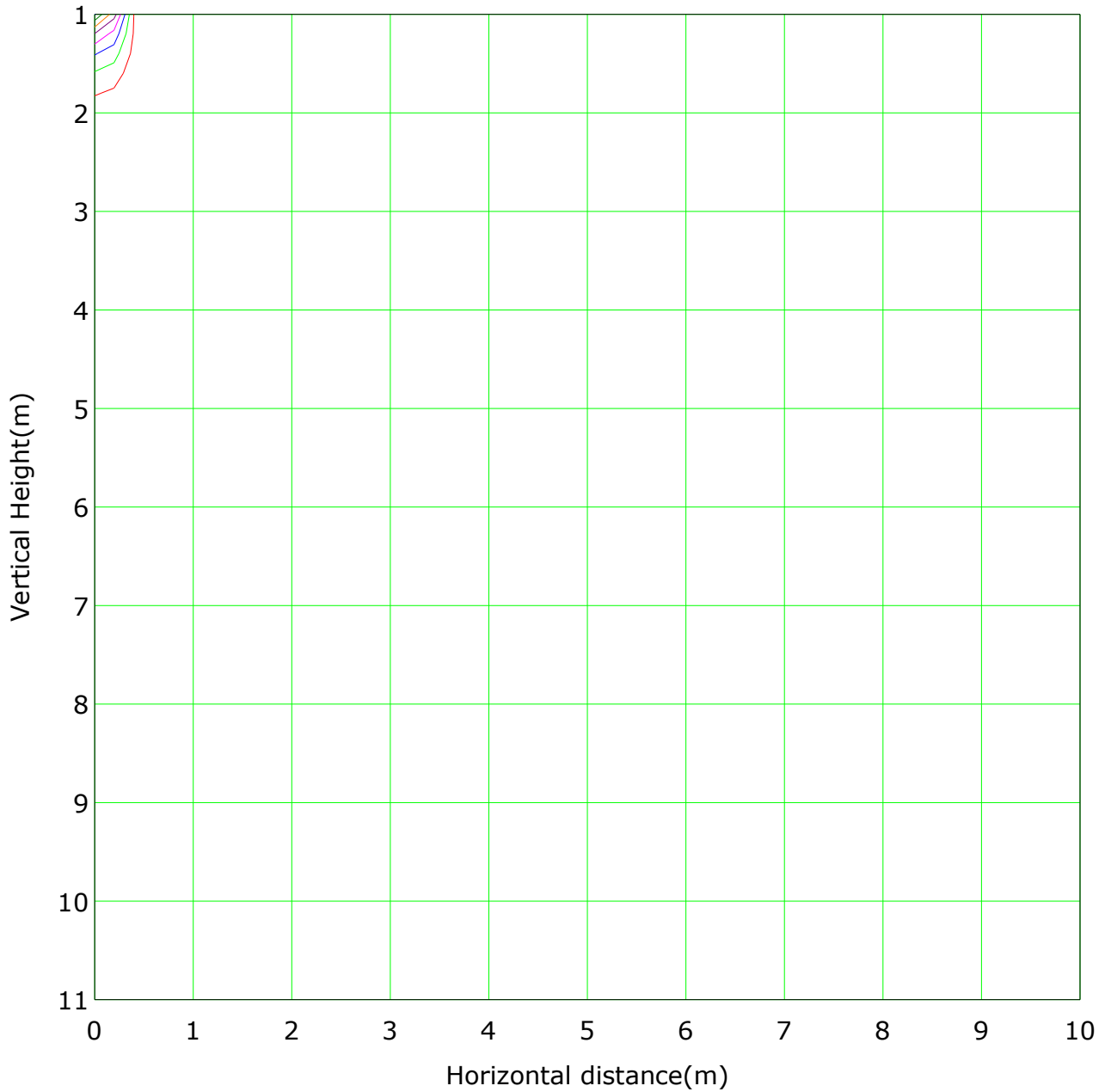
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

Illuminance at a Distance



Vertical IsoLux Plot

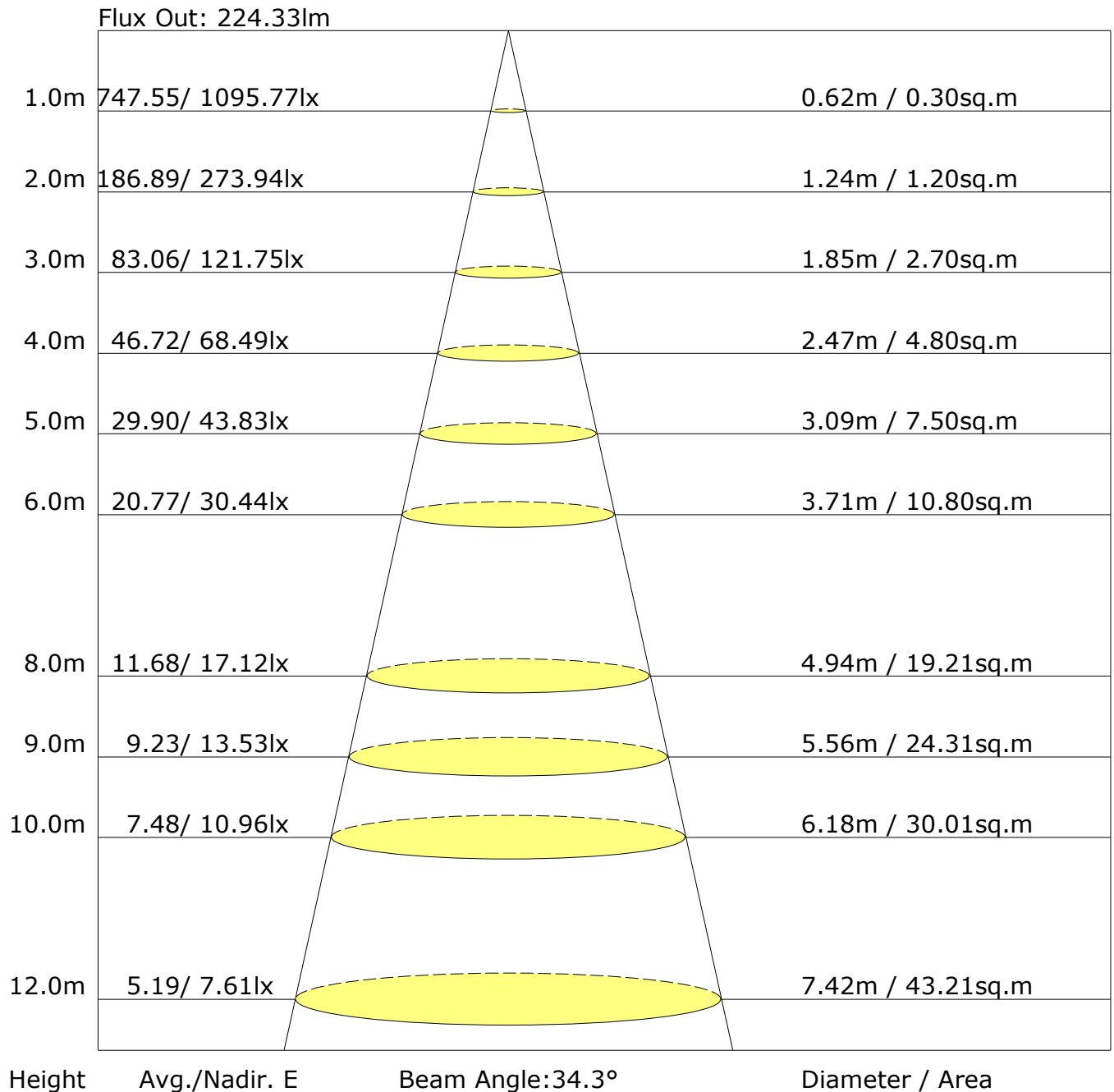


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 1095.8 lx
(30%): 328.7 lx	(40%): 438.3 lx	
(50%): 547.9 lx	(60%): 657.5 lx	
(70%): 767.0 lx	(80%): 876.6 lx	
(90%): 986.2 lx	(100%):1095.8 lx	
(120%):1314.9 lx	(150%):1643.7 lx	

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 488lm ($8\log(F/F_0) = -2.5$).

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	1095.8	1096.0	1096.0	1097.2	1095.8	1096.0	1096.0	1097.2	1095.8	
G1.0	1095.5	1097.1	1097.0	1095.9	1092.5	1090.5	1090.2	1094.0	1095.5	
G2.0	1091.5	1093.1	1092.2	1091.2	1084.4	1078.9	1080.0	1084.7	1091.5	
G3.0	1082.6	1086.9	1084.4	1082.9	1070.4	1062.5	1063.4	1071.6	1082.6	
G4.0	1069.4	1075.9	1071.7	1070.0	1053.9	1044.6	1043.4	1054.1	1069.4	
G5.0	1050.7	1060.7	1055.0	1054.3	1033.8	1021.9	1018.5	1030.2	1050.7	
G6.0	1029.9	1040.3	1034.8	1034.4	1006.0	990.8	985.5	1002.5	1029.9	
G7.0	1005.2	1017.7	1016.1	1008.4	974.8	957.1	952.1	971.0	1005.2	
G8.0	976.2	991.1	993.5	980.6	940.8	920.8	915.7	936.9	976.2	
G9.0	938.0	957.5	962.9	949.6	902.3	882.1	876.1	896.0	938.0	
G10.0	900.4	923.4	930.7	912.3	861.6	839.7	828.6	855.6	900.4	
G11.0	860.2	884.6	894.7	873.1	815.9	790.6	784.9	811.5	860.2	
G12.0	813.5	841.3	850.7	830.1	770.5	744.4	738.2	766.2	813.5	
G13.0	768.4	791.5	807.1	785.6	724.5	697.2	691.5	714.1	768.4	
G14.0	721.3	746.4	761.4	735.9	678.0	650.6	643.8	666.8	721.3	
G15.0	673.3	699.5	714.2	688.4	631.5	599.5	593.5	619.5	673.3	
G16.0	620.8	652.5	665.5	640.1	582.0	555.5	549.9	569.6	620.8	
G17.0	573.2	600.7	612.2	591.6	538.5	513.4	509.5	526.7	573.2	
G18.0	528.3	554.7	564.4	540.9	497.3	473.8	472.0	486.3	528.3	
G19.0	486.2	512.2	519.0	497.7	457.8	434.0	433.0	448.8	486.2	
G20.0	443.3	471.7	476.2	456.9	422.8	401.2	401.6	415.1	443.3	
G21.0	408.0	431.5	433.4	416.3	391.2	372.5	371.6	384.8	408.0	
G22.0	377.0	398.8	399.3	383.5	364.2	345.2	345.3	358.1	377.0	
G23.0	349.0	369.0	365.4	355.5	338.8	320.9	320.1	330.0	349.0	
G24.0	326.2	339.5	339.7	327.4	313.2	295.9	296.0	306.3	326.2	
G25.0	303.7	314.5	315.5	303.7	289.0	267.3	267.5	280.3	303.7	
G26.0	277.2	290.2	291.3	278.9	259.6	242.6	242.6	255.2	277.2	
G27.0	249.9	259.8	260.6	252.9	234.9	220.4	218.8	231.9	249.9	
G28.0	225.6	233.3	234.3	228.0	211.2	193.1	193.0	207.9	225.6	
G29.0	199.8	206.5	211.4	202.7	185.9	167.4	166.7	182.6	199.8	
G30.0	172.7	179.0	186.1	173.2	158.5	140.6	139.2	155.6	172.7	
G31.0	146.7	151.6	158.5	145.4	132.2	115.3	112.8	127.7	146.7	
G32.0	118.5	123.2	128.6	116.6	105.2	91.4	89.3	102.4	118.5	
G33.0	94.0	100.2	102.6	93.3	82.1	68.1	71.2	79.4	94.0	
G34.0	71.1	76.8	77.4	72.0	63.3	52.0	56.8	61.8	71.1	
G35.0	55.5	61.5	59.1	55.3	50.0	39.3	43.8	47.2	55.5	
G36.0	43.9	48.9	45.4	43.4	37.2	31.4	32.5	36.3	43.9	

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	33.3	36.7	35.5	33.2	30.3	27.7	28.8	30.9	33.3	
G38.0	29.5	30.6	30.3	29.3	26.3	24.4	25.6	27.7	29.5	
G39.0	26.3	26.9	27.1	25.7	23.6	22.5	23.4	25.0	26.3	
G40.0	23.9	24.0	24.4	23.4	21.9	21.1	22.3	22.9	23.9	
G41.0	22.2	22.3	22.4	21.8	21.0	20.2	21.3	21.8	22.2	
G42.0	21.0	21.2	21.2	20.9	20.0	19.5	20.5	20.9	21.0	
G43.0	20.3	20.2	20.3	19.9	19.2	18.8	19.9	20.0	20.3	
G44.0	19.6	19.3	19.5	19.1	18.5	18.1	19.3	19.3	19.6	
G45.0	18.9	18.5	18.8	18.4	17.9	17.6	18.9	18.8	18.9	
G46.0	18.5	17.9	18.1	17.8	17.3	17.1	18.4	18.3	18.5	
G47.0	18.1	17.4	17.6	17.3	16.9	16.6	17.9	17.8	18.1	
G48.0	17.7	16.8	17.0	16.8	16.3	16.1	17.3	17.3	17.7	
G49.0	17.5	16.4	16.5	16.3	15.9	15.6	16.8	16.9	17.5	
G50.0	17.1	16.0	16.1	15.7	15.4	15.2	16.3	16.4	17.1	
G51.0	16.6	15.7	15.5	15.3	14.8	14.8	15.8	15.9	16.6	
G52.0	16.1	15.4	15.1	14.8	14.4	14.4	15.3	15.4	16.1	
G53.0	15.6	15.1	14.6	14.4	13.9	13.9	14.6	14.9	15.6	
G54.0	15.2	14.7	14.1	13.9	13.2	13.3	13.9	14.3	15.2	
G55.0	14.4	14.1	13.6	13.1	12.6	12.8	13.2	13.6	14.4	
G56.0	13.7	13.5	12.8	12.5	12.1	12.4	12.6	13.0	13.7	
G57.0	13.1	12.8	12.3	12.0	11.5	11.8	12.0	12.4	13.1	
G58.0	12.4	12.2	11.8	11.4	10.9	11.3	11.3	11.8	12.4	
G59.0	11.7	11.6	11.2	10.8	10.4	10.8	10.8	11.2	11.7	
G60.0	11.2	11.0	10.7	10.3	9.9	10.4	10.3	10.6	11.2	
G61.0	10.6	10.4	10.3	9.8	9.4	9.9	9.8	10.1	10.6	
G62.0	10.1	9.9	9.9	9.3	9.0	9.5	9.3	9.6	10.1	
G63.0	9.6	9.5	9.5	8.8	8.5	8.9	8.8	9.1	9.6	
G64.0	9.0	8.9	9.1	8.4	8.1	8.5	8.4	8.6	9.0	
G65.0	8.6	8.5	8.6	8.0	7.7	8.1	7.9	8.3	8.6	
G66.0	8.1	8.1	8.2	7.6	7.3	7.7	7.6	7.8	8.1	
G67.0	7.7	7.7	7.8	7.2	6.9	7.3	7.2	7.4	7.7	
G68.0	7.3	7.3	7.4	6.8	6.5	6.8	6.7	7.1	7.3	
G69.0	6.9	6.8	6.9	6.5	6.2	6.4	6.3	6.7	6.9	
G70.0	6.5	6.4	6.4	6.2	5.8	6.1	5.9	6.3	6.5	
G71.0	6.1	6.0	6.1	5.8	5.6	5.7	5.4	5.9	6.1	
G72.0	5.8	5.7	5.7	5.5	5.2	5.2	4.9	5.4	5.8	
G73.0	5.3	5.2	5.2	5.1	4.9	4.8	4.4	4.9	5.3	

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 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	5.0	4.8	4.8	4.7	4.5	4.3	4.0	4.5	5.0	
G75.0	4.6	4.3	4.3	4.3	4.1	3.7	3.3	4.0	4.6	
G76.0	4.1	3.8	3.7	3.6	3.6	3.0	2.7	3.3	4.1	
G77.0	3.7	3.3	3.1	3.0	3.1	2.2	1.9	2.7	3.7	
G78.0	3.2	2.6	2.5	2.3	2.6	1.5	1.3	2.0	3.2	
G79.0	2.6	2.0	1.9	1.6	1.8	0.9	0.8	1.2	2.6	
G80.0	2.0	1.3	1.3	0.9	1.1	0.6	0.6	0.8	2.0	
G81.0	1.4	0.8	0.8	0.8	0.7	0.5	0.5	0.6	1.4	
G82.0	0.8	0.6	0.6	0.6	0.5	0.4	0.3	0.6	0.8	
G83.0	0.6	0.5	0.5	0.5	0.4	0.3	0.2	0.4	0.6	
G84.0	0.4	0.4	0.4	0.3	0.3	0.1	0.1	0.3	0.4	
G85.0	0.4	0.2	0.3	0.2	0.2	0.0	0.1	0.1	0.4	
G86.0	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.2	
G87.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.1	
G88.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	
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	0.1	0.0	0.0	0.0	0.1	0.0	
G106.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G107.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G108.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G109.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G110.0	0.0	0.0	0.1	0.1	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	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G112.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G113.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G114.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	
G115.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	
G117.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	
G118.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	
G119.0	0.0	0.1	0.1	0.2	0.1	0.0	0.1	0.0	0.0	
G120.0	0.0	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.0	
G121.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G122.0	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.1	
G123.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G124.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G125.0	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G126.0	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	
G127.0	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	
G128.0	0.2	0.3	0.2	0.4	0.2	0.2	0.2	0.2	0.2	
G129.0	0.3	0.3	0.3	0.4	0.2	0.2	0.2	0.2	0.3	
G130.0	0.3	0.4	0.4	0.5	0.3	0.2	0.2	0.2	0.3	
G131.0	0.4	0.4	0.4	0.5	0.3	0.2	0.3	0.2	0.4	
G132.0	0.4	0.5	0.4	0.6	0.3	0.3	0.3	0.3	0.4	
G133.0	0.6	0.6	0.5	0.7	0.3	0.3	0.4	0.3	0.6	
G134.0	0.6	0.6	0.6	0.7	0.4	0.3	0.4	0.4	0.6	
G135.0	0.7	0.7	0.7	0.9	0.4	0.4	0.4	0.4	0.7	
G136.0	0.8	0.8	0.8	0.9	0.4	0.4	0.5	0.5	0.8	
G137.0	0.9	0.9	0.9	1.0	0.5	0.5	0.5	0.6	0.9	
G138.0	1.0	1.0	1.0	1.1	0.6	0.5	0.6	0.6	1.0	
G139.0	1.1	1.1	1.0	1.2	0.6	0.6	0.6	0.7	1.1	
G140.0	1.2	1.3	1.2	1.3	0.7	0.6	0.7	0.7	1.2	
G141.0	1.3	1.3	1.3	1.5	0.7	0.7	0.8	0.8	1.3	
G142.0	1.5	1.5	1.5	1.6	0.8	0.7	0.8	0.8	1.5	
G143.0	1.6	1.6	1.6	1.7	0.9	0.8	0.9	0.9	1.6	
G144.0	1.7	1.7	1.7	1.8	0.9	0.9	1.0	0.9	1.7	
G145.0	1.9	1.9	1.8	2.0	1.0	0.9	1.0	1.0	1.9	
G146.0	2.0	2.0	2.0	2.1	1.1	1.0	1.1	1.1	2.0	
G147.0	2.2	2.1	2.1	2.3	1.2	1.1	1.2	1.1	2.2	

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	2.3	2.3	2.3	2.4	1.2	1.2	1.3	1.2	2.3	
G149.0	2.5	2.4	2.3	2.5	1.3	1.3	1.4	1.3	2.5	
G150.0	2.6	2.6	2.5	2.7	1.4	1.4	1.4	1.4	2.6	
G151.0	2.7	2.7	2.7	2.8	1.4	1.4	1.5	1.5	2.7	
G152.0	2.9	2.8	2.8	3.0	1.5	1.5	1.6	1.5	2.9	
G153.0	3.0	3.0	3.0	3.1	1.6	1.6	1.7	1.6	3.0	
G154.0	3.2	3.1	3.1	3.3	1.7	1.7	1.7	1.7	3.2	
G155.0	3.3	3.3	3.3	3.4	1.8	1.7	1.8	1.8	3.3	
G156.0	3.5	3.4	3.4	3.6	1.8	1.8	1.9	1.8	3.5	
G157.0	3.6	3.6	3.5	3.7	1.9	1.9	2.0	1.9	3.6	
G158.0	3.7	3.7	3.6	3.8	2.0	1.9	2.0	2.0	3.7	
G159.0	3.8	3.8	3.8	3.9	2.1	2.0	2.1	2.1	3.8	
G160.0	3.9	3.9	3.8	4.0	2.1	2.1	2.2	2.1	3.9	
G161.0	4.0	4.0	4.0	4.1	2.2	2.1	2.2	2.2	4.0	
G162.0	4.0	4.0	4.0	4.1	2.2	2.2	2.3	2.2	4.0	
G163.0	4.1	4.1	4.1	4.2	2.3	2.3	2.3	2.3	4.1	
G164.0	4.1	4.1	4.2	4.2	2.4	2.3	2.4	2.3	4.1	
G165.0	4.2	4.2	4.2	4.3	2.5	2.4	2.5	2.4	4.2	
G166.0	4.2	4.2	4.3	4.3	2.6	2.5	2.6	2.5	4.2	
G167.0	4.2	4.2	4.3	4.3	2.7	2.6	2.7	2.6	4.2	
G168.0	4.2	4.3	4.3	4.4	2.8	2.7	2.8	2.7	4.2	
G169.0	4.2	4.2	4.3	4.3	2.8	2.8	2.8	2.8	4.2	
G170.0	4.2	4.2	4.3	4.3	2.9	2.9	3.0	2.9	4.2	
G171.0	4.2	4.2	4.2	4.3	3.0	3.0	3.1	3.0	4.2	
G172.0	4.1	4.2	4.2	4.3	3.1	3.1	3.2	3.1	4.1	
G173.0	4.1	4.1	4.2	4.2	3.2	3.2	3.3	3.2	4.1	
G174.0	4.1	4.1	4.2	4.2	3.3	3.2	3.3	3.3	4.1	
G175.0	4.0	4.1	4.1	4.1	3.3	3.3	3.5	3.4	4.0	
G176.0	4.0	4.0	4.1	4.1	3.4	3.4	3.5	3.5	4.0	
G177.0	3.9	3.9	4.0	4.0	3.5	3.5	3.6	3.6	3.9	
G178.0	3.8	3.9	4.0	4.0	3.6	3.6	3.7	3.6	3.8	
G179.0	3.8	3.8	3.9	3.9	3.7	3.7	3.8	3.7	3.8	
G180.0	3.7	3.8	3.8	3.8	3.8	3.7	3.9	3.8	3.7	

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: