

Report No.: 1

Test Time: 2019/3/28 15:29

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8921804 + HCP-8931804(3000K)

Current: 0.088 A

Power Factor: 0.879

Voltage: 220 V

Power: 17.05 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1381.4 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H81.7

Vertical Diffuse Angle(50%): V81.4

Luminaire Efficacy Rating (LER): 81.07

Max. Intensity: 662.81 cd

S/MH(C0/C180): 1.05

Total Rated Lamp Lumens: 1381.4 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 655.28 cd

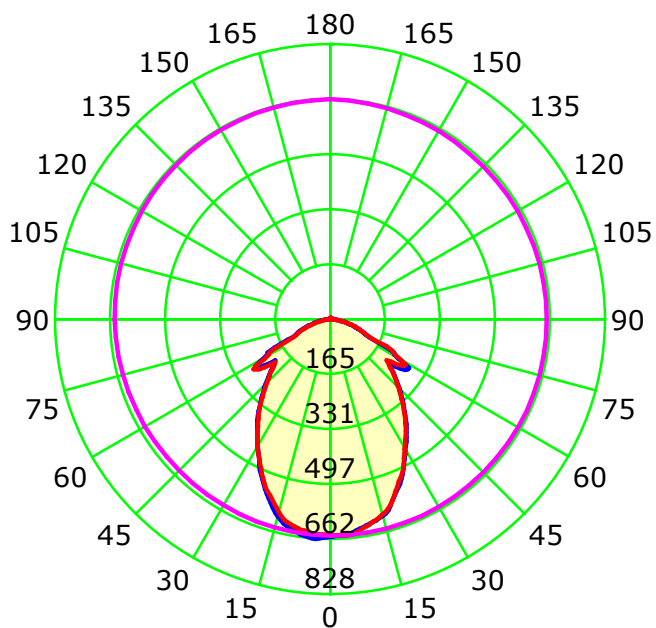
Pos of Max. Intensity: H180 V4

S/MH(C90/C270): 1.06

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 81.3°

— C0-C180 — C90-C270 — G4

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

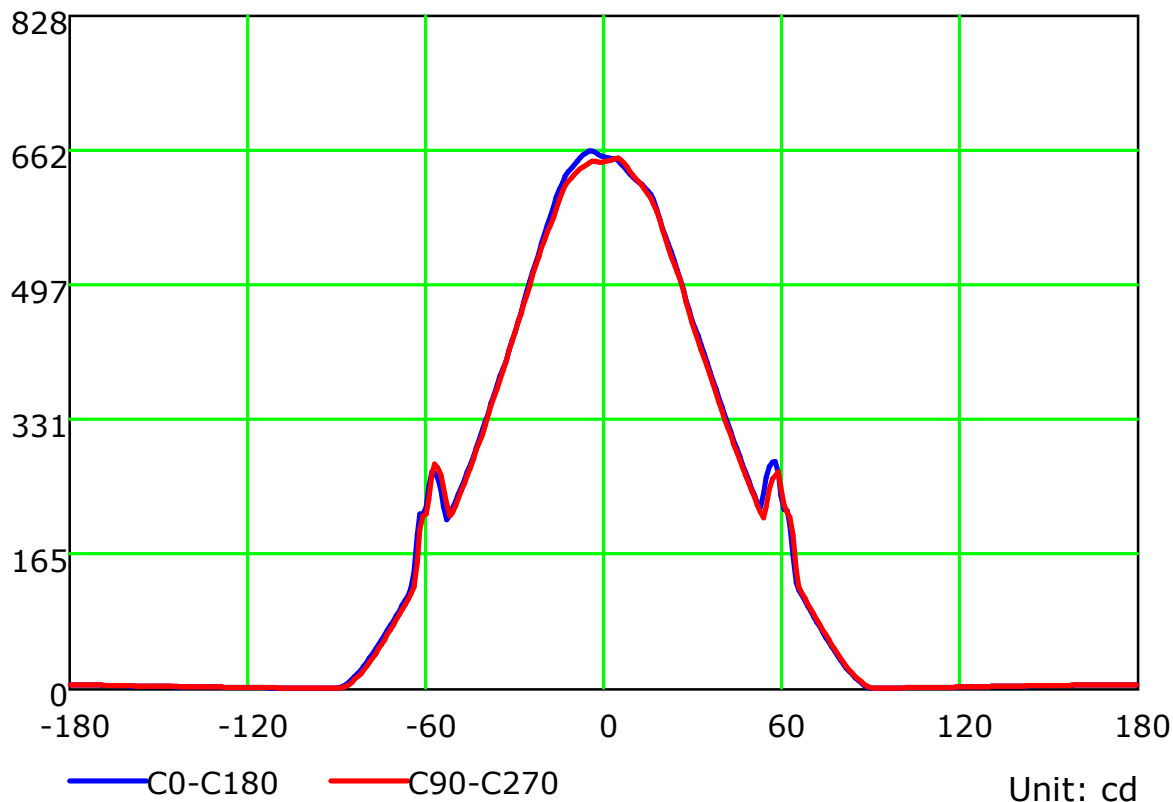
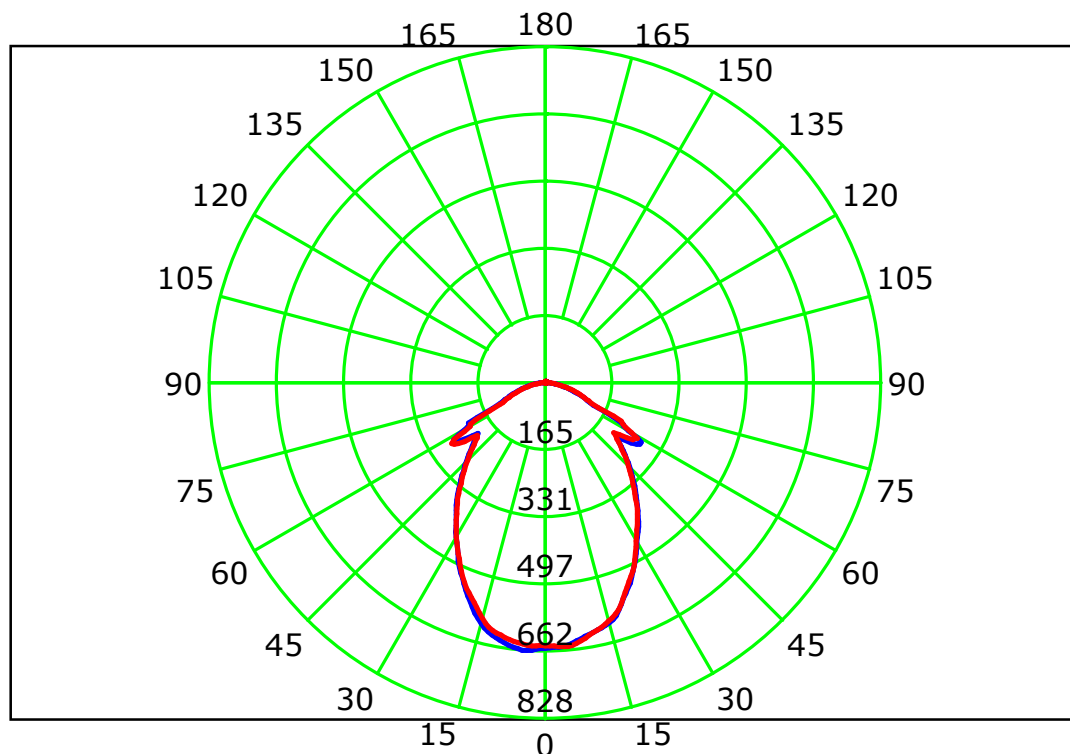
Test Device: GPM-1800B

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
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Distance: 7.970 m
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Inspector:

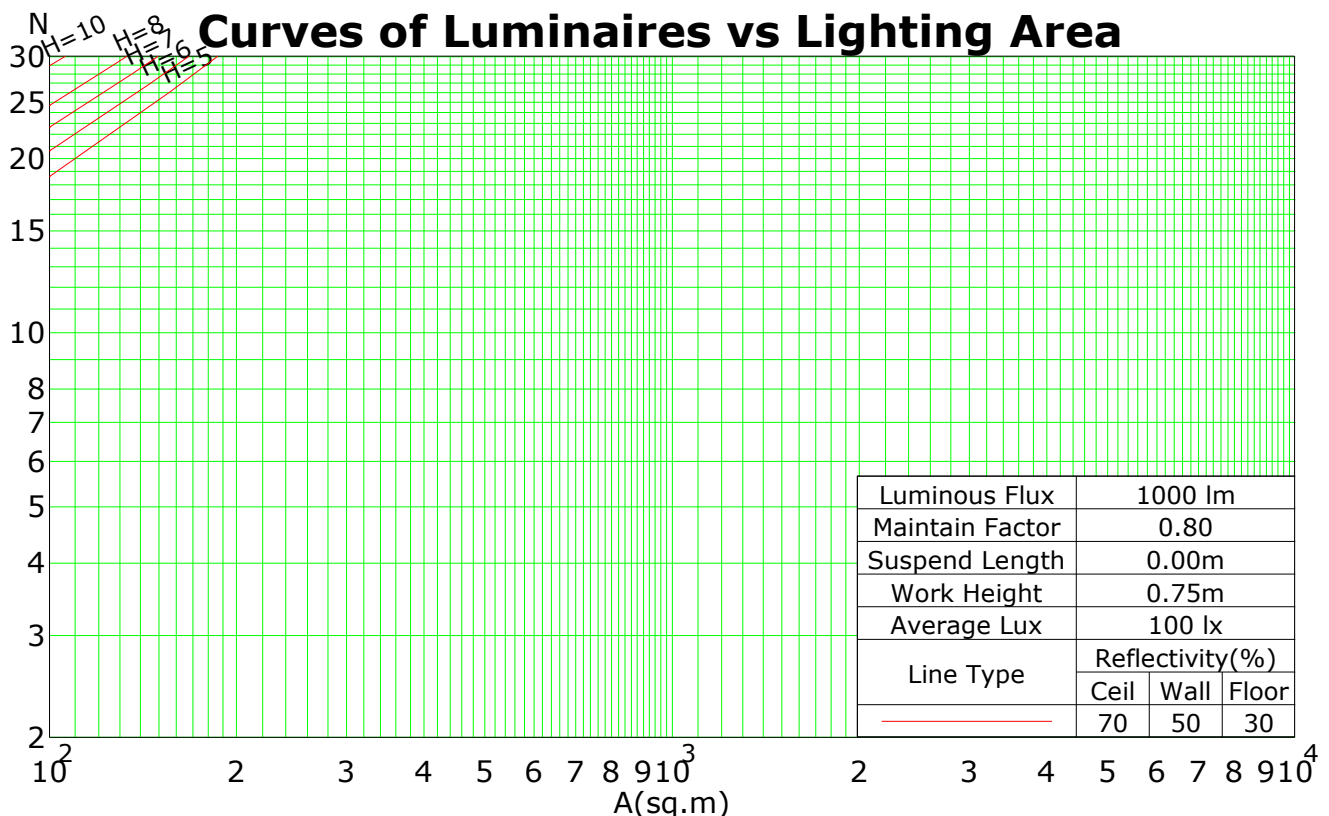
Coefficients Of Utilization - Zonal Cavity Method

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	99	96	93	95	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	68	90	81	74	68	78	71	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	53	49	47
6	73	60	51	45	71	59	51	45	57	50	45	55	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	49	44	39	37
8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	46	38	33	44	38	33	43	37	33	42	37	32	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	39	34	30	28

Spacing Criteria (0-180): 1.05

Spacing Criteria (90-270): 1.06

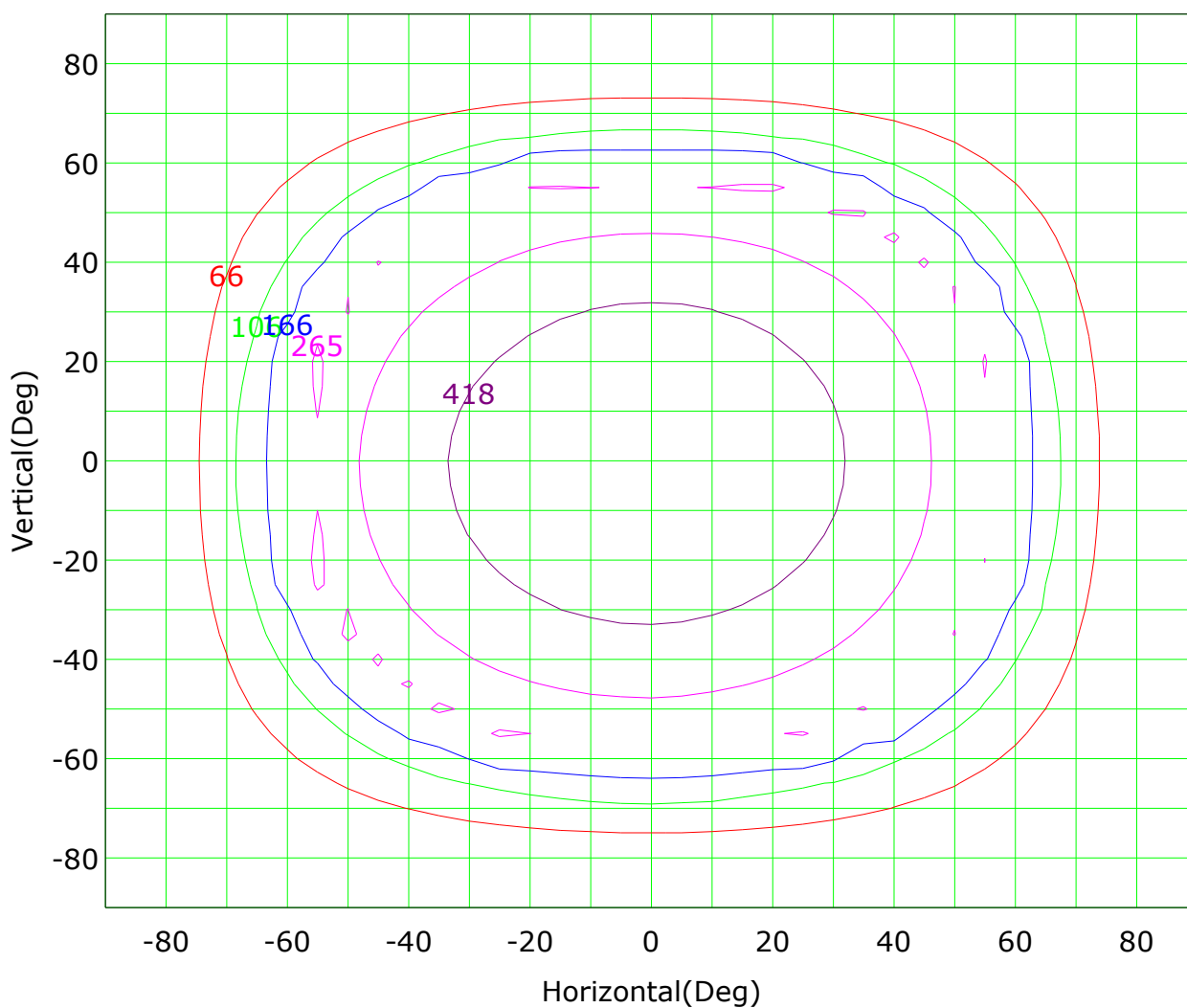
Spacing Criteria (Diagonal): 1.14



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)



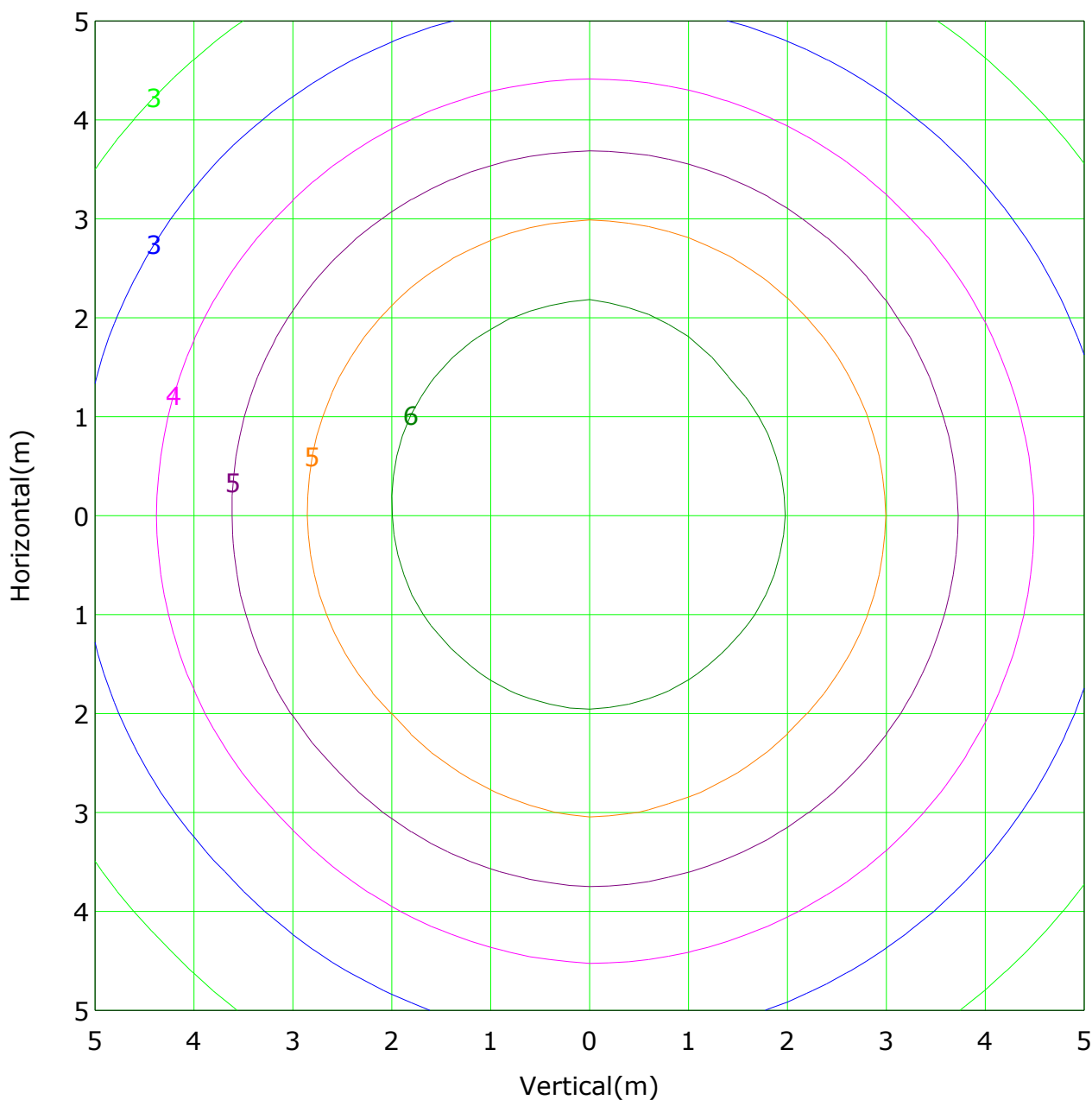
Imax (100%): 663 cd

— (10%):	66 cd	— (16%):	106 cd
— (25%):	166 cd	— (40%):	265 cd
— (63%):	418 cd	— (100%):	663 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

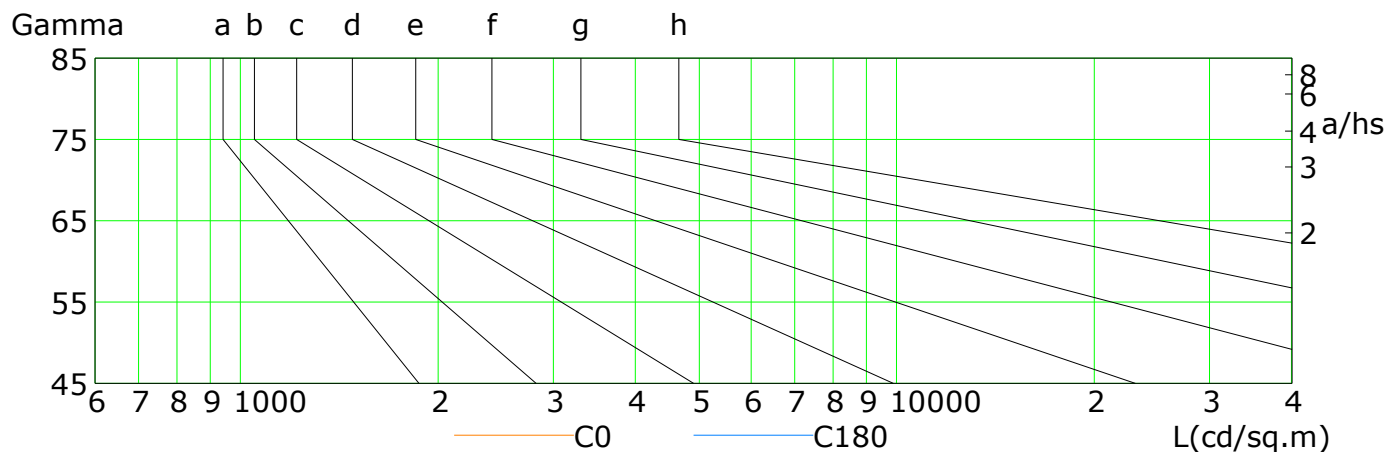
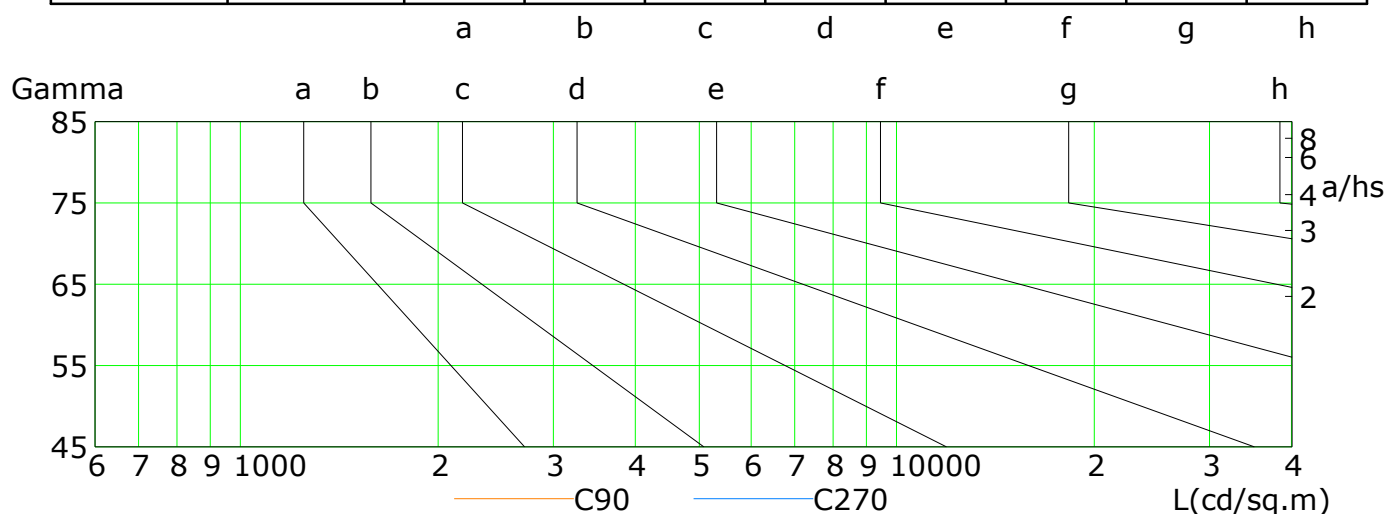


C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

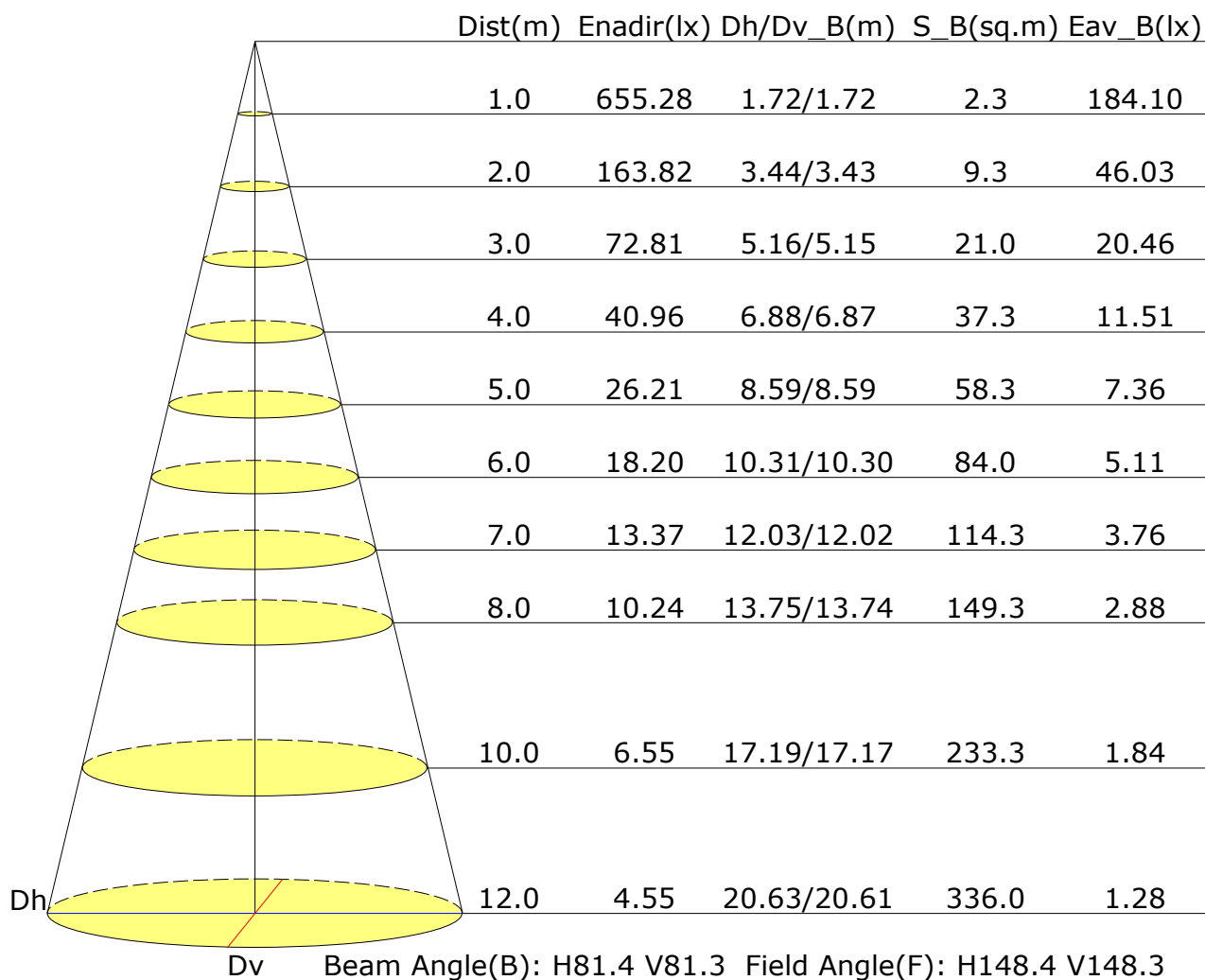


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	297	247	260	238	131	95	63	35	13
C90	292	244	224	248	146	98	67	37	15
C180	276	231	244	223	123	90	60	32	11
C270	272	225	263	215	116	85	54	27	8

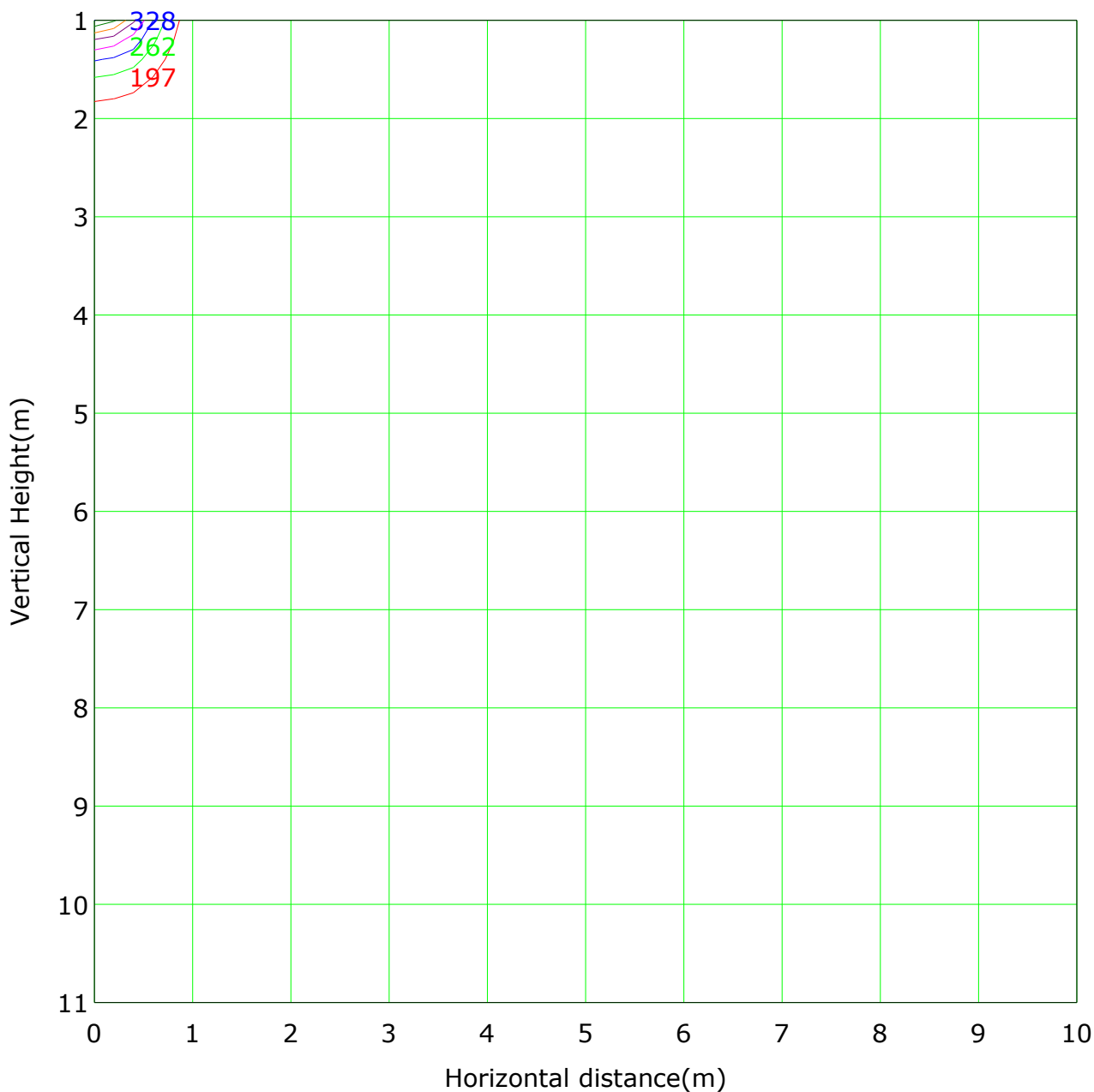
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

Illuminance at a Distance



Vertical IsoLux Plot

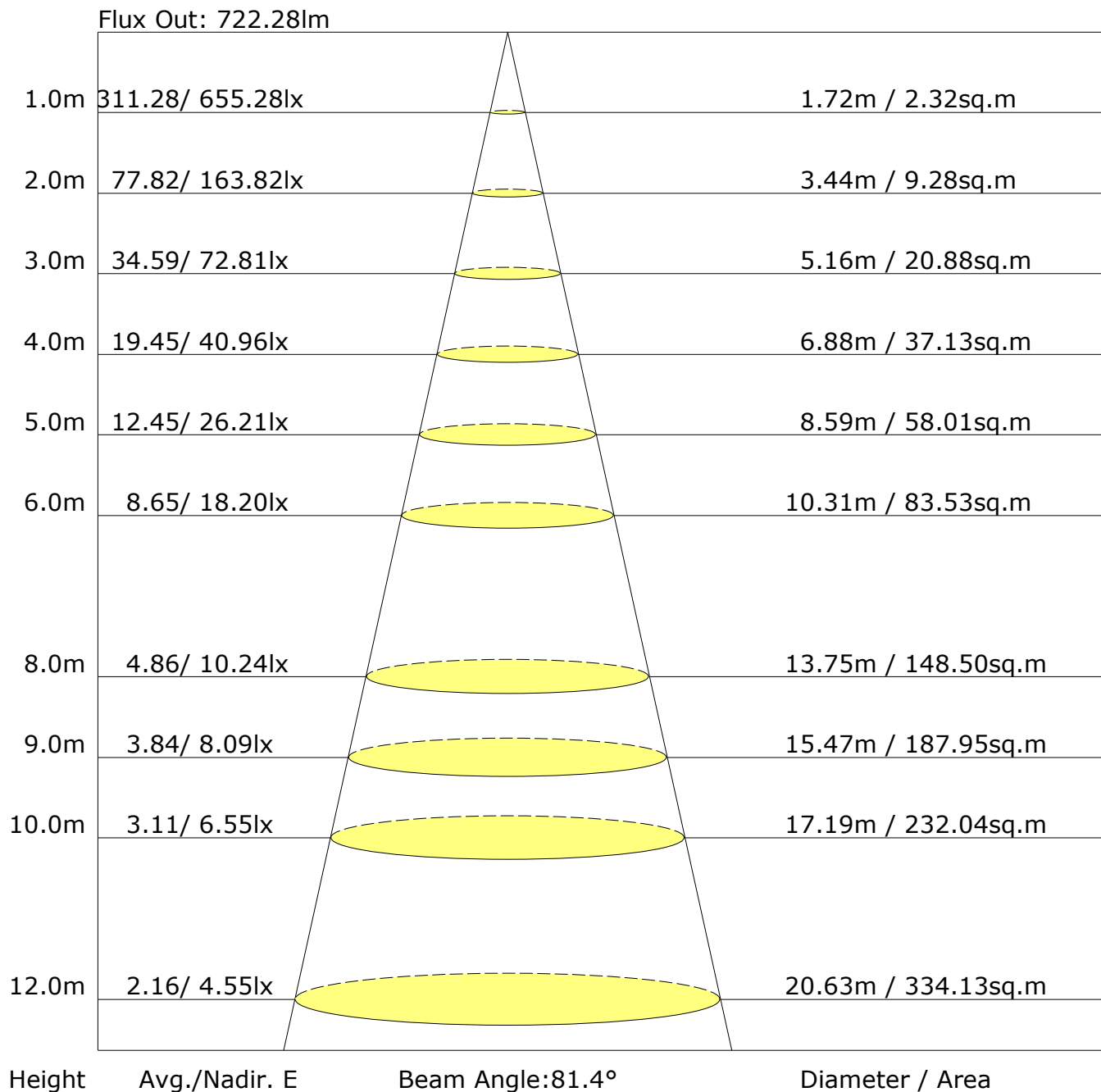


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 655.3 lx
— (30%): 196.6 lx	— (40%): 262.1 lx	
— (50%): 327.6 lx	— (60%): 393.2 lx	
— (70%): 458.7 lx	— (80%): 524.2 lx	
— (90%): 589.8 lx	— (100%): 655.3 lx	
— (120%): 786.3 lx	— (150%): 982.9 lx	

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 1381lm ($8\log(F/F_0) = 1.1$).

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	655.3	651.1	648.8	647.4	655.3	651.1	648.8	647.4	655.3	
G1.0	654.3	651.0	649.6	648.4	656.1	651.9	648.5	645.9	654.3	
G2.0	653.4	651.2	650.3	649.2	658.2	654.1	649.1	644.9	653.4	
G3.0	653.2	651.7	651.5	650.4	661.0	656.7	650.0	644.5	653.2	
G4.0	652.6	652.8	653.1	652.2	662.8	658.8	649.6	643.5	652.6	
G5.0	650.4	652.9	653.4	652.4	662.2	658.6	647.3	641.9	650.4	
G6.0	646.7	650.8	651.5	649.4	660.1	656.8	645.0	639.5	646.7	
G7.0	642.3	645.4	647.4	645.5	657.4	653.9	642.5	637.0	642.3	
G8.0	638.2	638.8	642.3	642.1	653.8	649.3	640.3	634.2	638.2	
G9.0	634.3	633.7	637.5	637.5	649.5	645.3	636.8	631.9	634.3	
G10.0	630.4	629.3	632.5	633.2	645.3	641.6	632.9	629.4	630.4	
G11.0	627.0	625.8	628.3	628.6	641.4	637.7	629.0	626.2	627.0	
G12.0	624.0	622.3	624.2	625.2	637.0	631.7	625.0	622.0	624.0	
G13.0	621.3	618.7	619.8	621.0	631.4	625.0	620.0	616.0	621.3	
G14.0	617.4	614.5	614.7	616.0	623.0	616.9	612.6	608.1	617.4	
G15.0	613.4	608.4	609.3	610.2	614.7	607.6	602.8	598.7	613.4	
G16.0	608.9	602.0	603.9	603.1	605.7	597.2	590.6	589.1	608.9	
G17.0	602.3	594.9	596.9	593.6	594.1	588.1	580.0	579.1	602.3	
G18.0	590.3	585.9	587.9	583.9	582.2	579.3	570.6	570.8	590.3	
G19.0	578.1	574.4	576.9	573.5	571.2	569.4	561.8	562.3	578.1	
G20.0	567.0	564.4	565.3	562.2	560.3	556.9	552.4	554.0	567.0	
G21.0	557.0	555.1	553.3	548.8	548.5	545.3	543.1	544.8	557.0	
G22.0	547.7	544.6	543.1	536.4	536.1	533.4	532.3	533.0	547.7	
G23.0	538.0	534.9	531.6	524.0	524.6	521.3	521.1	520.5	538.0	
G24.0	526.3	525.8	522.3	514.7	513.4	508.8	509.2	507.8	526.3	
G25.0	515.3	515.7	513.5	504.4	502.2	498.6	496.8	495.3	515.3	
G26.0	503.8	502.1	503.4	492.3	489.9	488.0	484.1	482.8	503.8	
G27.0	490.9	489.5	489.4	477.9	475.3	475.8	473.3	471.3	490.9	
G28.0	477.5	476.3	475.2	464.8	462.5	464.1	461.3	460.6	477.5	
G29.0	465.9	464.1	462.6	452.2	451.3	451.5	450.1	450.4	465.9	
G30.0	454.0	453.0	450.8	440.3	439.5	439.5	439.5	439.1	454.0	
G31.0	444.2	440.8	439.4	429.5	429.1	427.8	427.0	427.2	444.2	
G32.0	434.4	431.0	428.2	417.4	415.9	416.4	415.2	417.1	434.4	
G33.0	423.7	420.5	417.7	407.3	403.9	405.6	403.6	405.9	423.7	
G34.0	413.1	410.2	407.2	396.9	393.8	394.6	391.7	393.1	413.1	
G35.0	401.1	399.3	396.7	387.7	384.5	383.3	379.9	381.0	401.1	
G36.0	391.0	386.9	386.7	377.1	374.1	373.9	369.4	370.7	391.0	

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 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	379.5	375.5	375.2	365.8	362.1	362.8	359.5	361.0	379.5	
G38.0	368.5	365.2	363.1	353.9	351.3	351.2	348.1	350.7	368.5	
G39.0	357.7	354.6	353.1	342.5	339.0	340.5	337.3	340.3	357.7	
G40.0	347.2	343.1	342.1	331.8	329.0	328.1	324.0	329.4	347.2	
G41.0	337.6	333.9	331.9	322.3	318.8	318.1	313.2	317.6	337.6	
G42.0	327.1	324.2	321.6	311.3	307.1	308.1	303.5	306.7	327.1	
G43.0	316.3	313.7	312.0	301.1	296.2	298.0	293.6	296.6	316.3	
G44.0	305.7	303.1	301.3	291.2	286.3	287.1	282.5	286.7	305.7	
G45.0	296.6	293.8	291.8	281.7	276.0	278.0	271.9	277.2	296.6	
G46.0	285.9	285.1	281.2	272.1	267.0	268.6	262.2	267.6	285.9	
G47.0	276.0	274.5	272.5	263.0	257.7	258.6	252.9	257.0	276.0	
G48.0	266.7	265.4	262.2	253.9	248.2	249.8	244.2	247.8	266.7	
G49.0	255.8	256.4	253.0	245.2	239.9	240.7	234.1	239.1	255.8	
G50.0	246.5	247.2	244.3	236.3	231.2	230.6	225.1	230.1	246.5	
G51.0	237.5	237.5	235.4	227.6	222.4	222.3	216.7	220.8	237.5	
G52.0	228.7	229.2	225.8	218.6	213.6	214.4	212.5	216.9	228.7	
G53.0	223.3	221.0	217.5	210.8	208.0	218.0	227.4	237.1	223.3	
G54.0	240.0	220.3	210.0	205.5	223.4	235.1	247.2	254.5	240.0	
G55.0	259.9	237.8	223.7	220.2	244.0	254.0	263.4	257.7	259.9	
G56.0	273.2	255.6	245.5	243.6	259.1	267.2	271.5	259.2	273.2	
G57.0	278.9	267.7	258.0	260.9	265.3	274.2	276.2	262.5	278.9	
G58.0	279.6	275.5	261.7	269.5	267.4	274.8	264.3	259.8	279.6	
G59.0	266.4	277.2	266.8	274.1	248.9	249.8	233.5	235.8	266.4	
G60.0	237.5	250.8	247.7	249.0	223.5	228.9	215.0	228.8	237.5	
G61.0	220.7	225.4	226.2	214.9	215.3	221.1	212.6	226.9	220.7	
G62.0	219.0	211.6	217.0	193.3	214.7	211.4	195.9	206.7	219.0	
G63.0	201.9	206.7	211.0	197.6	189.4	173.1	155.2	164.3	201.9	
G64.0	163.4	179.4	188.8	190.4	144.2	133.3	125.4	129.3	163.4	
G65.0	131.0	137.7	146.1	139.1	123.2	120.8	116.2	118.6	131.0	
G66.0	121.4	124.3	124.9	120.3	114.5	113.4	109.8	112.4	121.4	
G67.0	114.5	117.2	116.9	112.6	108.2	107.1	102.9	106.1	114.5	
G68.0	107.3	110.3	110.6	105.9	102.1	101.1	97.0	99.6	107.3	
G69.0	101.1	104.0	103.7	100.0	95.3	95.3	91.1	93.8	101.1	
G70.0	95.2	98.1	97.8	94.3	89.6	88.8	85.0	88.0	95.2	
G71.0	89.0	91.3	91.7	88.1	83.6	82.7	78.3	81.4	89.0	
G72.0	82.1	85.0	84.9	82.2	77.9	76.6	72.3	75.3	82.1	
G73.0	75.8	78.7	78.7	76.4	71.4	70.0	66.4	69.3	75.8	

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 (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	69.6	72.4	72.6	70.6	65.6	64.1	59.9	63.4	69.6	
G75.0	63.0	65.7	66.6	64.3	59.8	58.2	54.2	57.0	63.0	
G76.0	57.1	59.6	60.0	58.5	53.6	52.5	48.6	51.3	57.1	
G77.0	51.3	53.8	54.2	53.0	48.3	46.5	42.6	45.9	51.3	
G78.0	45.8	47.5	48.5	47.5	42.4	41.2	37.2	39.9	45.8	
G79.0	40.0	42.2	42.6	41.8	37.2	35.8	32.0	34.7	40.0	
G80.0	34.8	37.0	37.4	36.6	32.2	30.8	27.1	29.7	34.8	
G81.0	29.9	31.5	32.2	31.2	27.5	25.6	22.2	25.0	29.9	
G82.0	25.0	26.7	27.0	26.6	22.5	21.2	18.1	20.2	25.0	
G83.0	20.7	22.3	22.5	22.2	18.4	17.2	14.4	16.3	20.7	
G84.0	16.9	17.9	18.5	18.1	14.6	13.5	11.3	12.8	16.9	
G85.0	13.0	14.3	14.9	14.2	11.2	10.1	7.8	9.8	13.0	
G86.0	10.0	11.1	11.3	11.1	7.8	6.7	4.3	6.2	10.0	
G87.0	6.8	8.0	8.2	7.8	4.4	3.9	2.8	3.5	6.8	
G88.0	3.5	4.4	4.8	4.8	2.5	2.2	1.4	2.1	3.5	
G89.0	2.3	2.6	2.7	2.5	1.4	0.7	0.2	0.6	2.3	
G90.0	0.6	1.4	1.5	1.3	0.1	0.1	0.2	0.2	0.6	
G91.0	0.3	0.4	0.4	0.4	0.1	0.2	0.2	0.3	0.3	
G92.0	0.3	0.4	0.4	0.4	0.1	0.1	0.2	0.3	0.3	
G93.0	0.3	0.5	0.4	0.4	0.1	0.2	0.3	0.3	0.3	
G94.0	0.4	0.5	0.5	0.5	0.1	0.2	0.3	0.3	0.4	
G95.0	0.5	0.6	0.5	0.6	0.2	0.2	0.3	0.3	0.5	
G96.0	0.5	0.6	0.5	0.6	0.1	0.3	0.3	0.4	0.5	
G97.0	0.6	0.6	0.6	0.6	0.2	0.3	0.3	0.4	0.6	
G98.0	0.6	0.7	0.6	0.7	0.3	0.3	0.4	0.4	0.6	
G99.0	0.6	0.7	0.7	0.7	0.3	0.4	0.4	0.4	0.6	
G100.0	0.7	0.8	0.7	0.8	0.4	0.4	0.4	0.4	0.7	
G101.0	0.8	0.9	0.8	0.8	0.3	0.4	0.4	0.5	0.8	
G102.0	0.8	0.9	0.8	0.9	0.3	0.4	0.5	0.5	0.8	
G103.0	0.9	0.9	0.9	0.9	0.4	0.5	0.5	0.6	0.9	
G104.0	0.9	1.0	0.9	0.9	0.4	0.5	0.6	0.6	0.9	
G105.0	1.0	1.0	1.0	1.0	0.5	0.6	0.6	0.6	1.0	
G106.0	1.1	1.1	1.0	1.1	0.5	0.6	0.6	0.6	1.1	
G107.0	1.0	1.1	1.1	1.1	0.6	0.6	0.6	0.6	1.0	
G108.0	1.1	1.2	1.1	1.1	0.6	0.6	0.7	0.7	1.1	
G109.0	1.2	1.2	1.2	1.2	0.6	0.6	0.7	0.7	1.2	
G110.0	1.2	1.3	1.3	1.3	0.7	0.7	0.8	0.7	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	0.7	0.7	0.8	0.8	1.3	
G112.0	1.3	1.2	1.3	1.3	0.8	0.8	0.8	0.8	1.3	
G113.0	1.3	1.4	1.3	1.4	0.8	0.9	0.9	0.9	1.3	
G114.0	1.3	1.4	1.4	1.4	0.8	0.9	0.9	0.9	1.3	
G115.0	1.4	1.5	1.4	1.5	0.8	1.0	0.9	1.0	1.4	
G116.0	1.4	1.5	1.5	1.5	0.9	1.0	1.0	1.0	1.4	
G117.0	1.5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	1.5	
G118.0	1.5	1.6	1.5	1.6	1.0	1.1	1.0	1.1	1.5	
G119.0	1.6	1.6	1.6	1.6	1.0	1.1	1.1	1.1	1.6	
G120.0	1.6	1.7	1.7	1.7	1.1	1.2	1.1	1.2	1.6	
G121.0	1.7	1.7	1.7	1.8	1.2	1.2	1.2	1.2	1.7	
G122.0	1.8	1.8	1.8	1.9	1.2	1.3	1.3	1.3	1.8	
G123.0	1.8	1.9	1.9	1.9	1.2	1.3	1.3	1.3	1.8	
G124.0	1.9	2.0	1.9	2.0	1.3	1.4	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	2.1	2.0	2.1	1.4	1.5	1.4	1.5	2.0	
G127.0	2.1	2.1	2.1	2.2	1.4	1.5	1.5	1.5	2.1	
G128.0	2.1	2.2	2.1	2.2	1.5	1.6	1.5	1.6	2.1	
G129.0	2.2	2.2	2.3	2.3	1.6	1.7	1.6	1.6	2.2	
G130.0	2.3	2.3	2.3	2.3	1.6	1.7	1.7	1.7	2.3	
G131.0	2.4	2.4	2.4	2.4	1.7	1.8	1.8	1.7	2.4	
G132.0	2.4	2.5	2.5	2.5	1.7	1.8	1.8	1.9	2.4	
G133.0	2.5	2.5	2.5	2.6	1.8	1.9	1.9	1.9	2.5	
G134.0	2.6	2.6	2.6	2.6	1.8	1.9	1.9	1.9	2.6	
G135.0	2.7	2.6	2.6	2.7	1.9	1.8	2.0	2.0	2.7	
G136.0	2.8	2.7	2.7	2.8	2.0	2.0	2.0	2.0	2.8	
G137.0	2.8	2.8	2.8	2.8	2.0	2.1	2.1	2.1	2.8	
G138.0	2.8	2.8	2.8	2.8	2.0	2.1	2.1	2.1	2.8	
G139.0	2.9	2.9	2.9	3.0	2.1	2.1	2.1	2.2	2.9	
G140.0	2.9	3.0	3.0	3.0	2.1	2.2	2.2	2.2	2.9	
G141.0	3.0	3.1	3.0	3.1	2.1	2.2	2.2	2.2	3.0	
G142.0	3.1	3.1	3.1	3.1	2.2	2.3	2.3	2.3	3.1	
G143.0	3.1	3.2	3.2	3.2	2.2	2.3	2.3	2.3	3.1	
G144.0	3.2	3.2	3.2	3.2	2.3	2.4	2.5	2.4	3.2	
G145.0	3.3	3.3	3.3	3.3	2.3	2.5	2.4	2.5	3.3	
G146.0	3.3	3.3	3.3	3.4	2.4	2.5	2.5	2.5	3.3	
G147.0	3.4	3.4	3.4	3.5	2.5	2.6	2.5	2.5	3.4	

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

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
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: