

Report No.: 14

Test Time: 2018/7/9 20:44

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VMC31740

Current: 0.538 A

Power Factor: 0.995

Voltage: 120.0 V

Power: 64.33 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2731.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H123.9

Vertical Diffuse Angle(50%): V123.9

Luminaire Efficacy Rating (LER): 42.51

Max. Intensity: 827.97 cd

S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 2731.3 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 820.74 cd

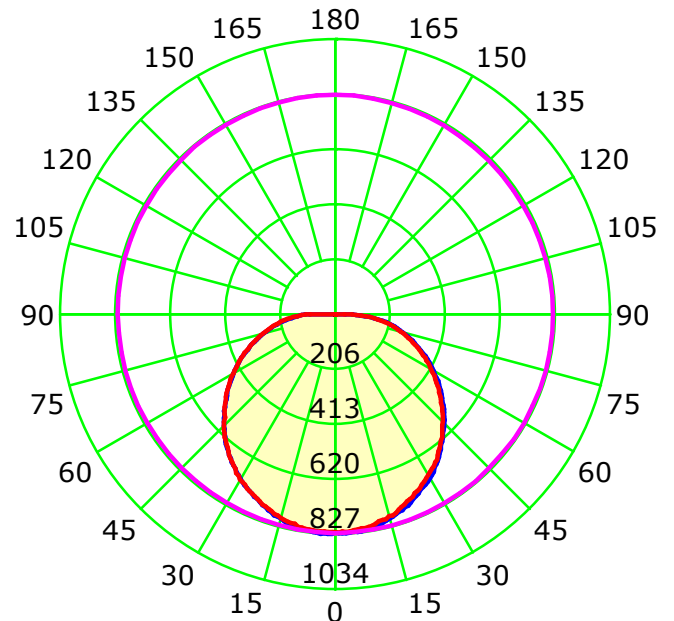
Pos of Max. Intensity: H180 V4

S/MH(C90/C270): 1.29

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 123.8°

— 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

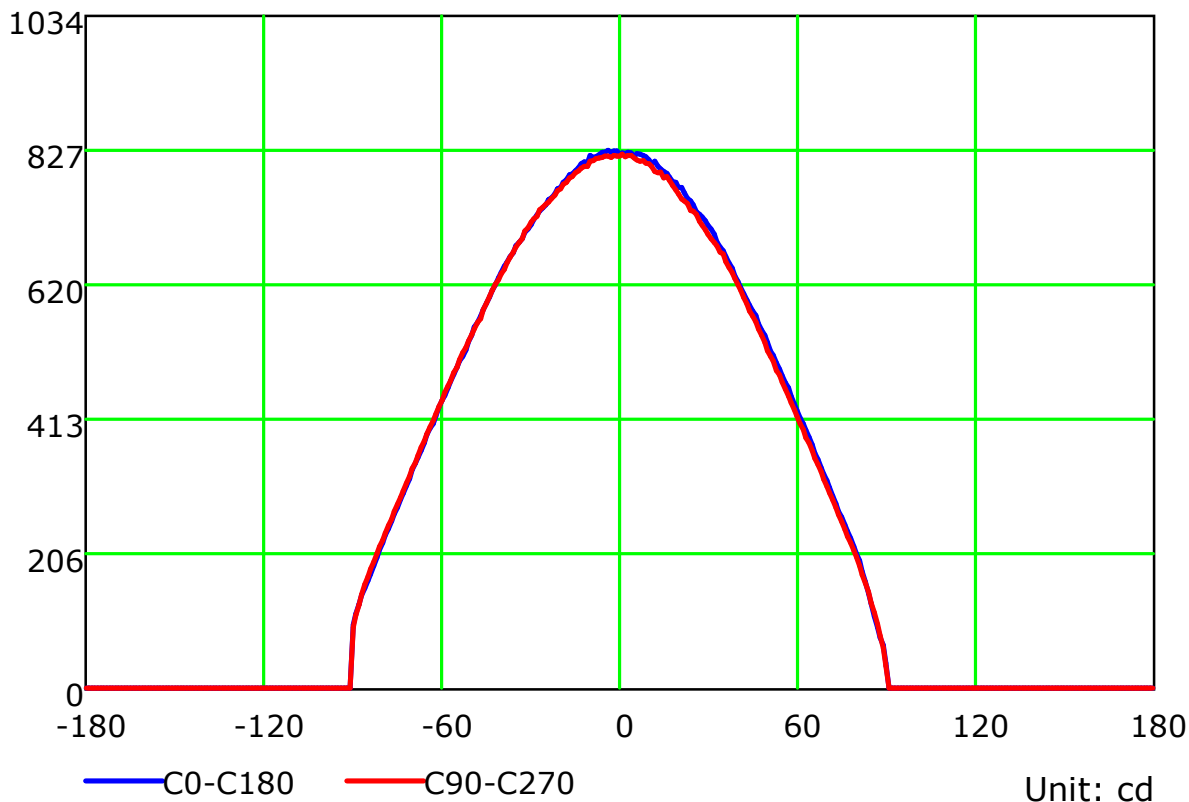
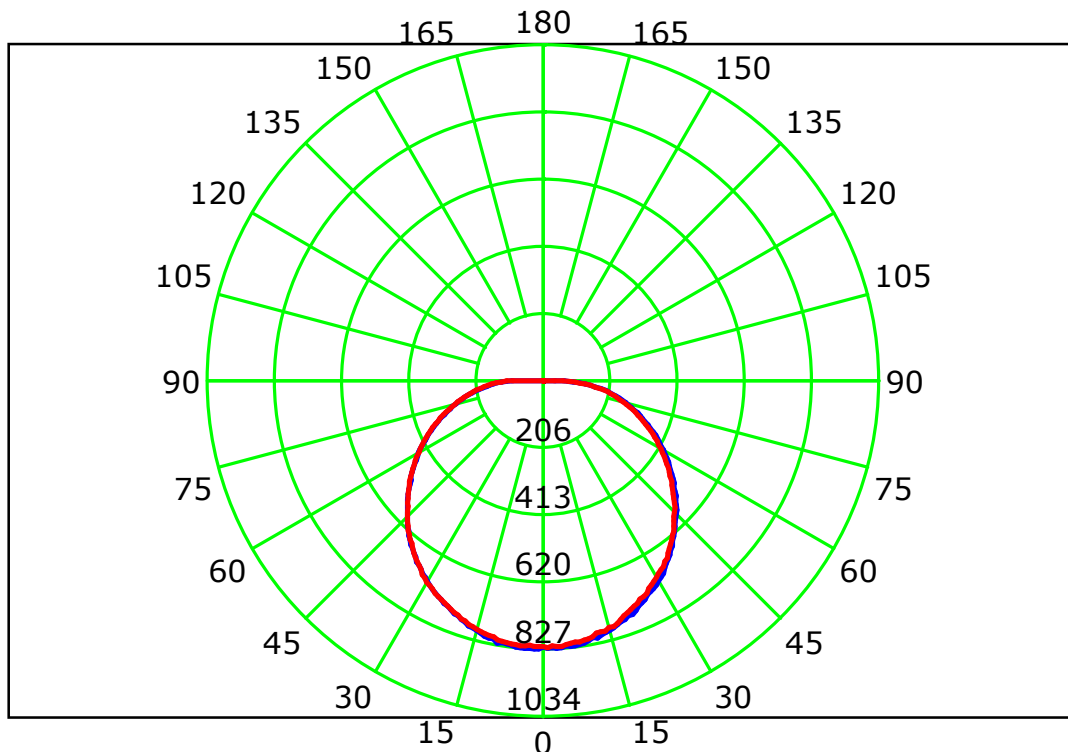
Test Device: GPM-1800B

Distance: 8.551 m

Humidity: 58

Inspector:

Luminous Intensity Distribution Curve



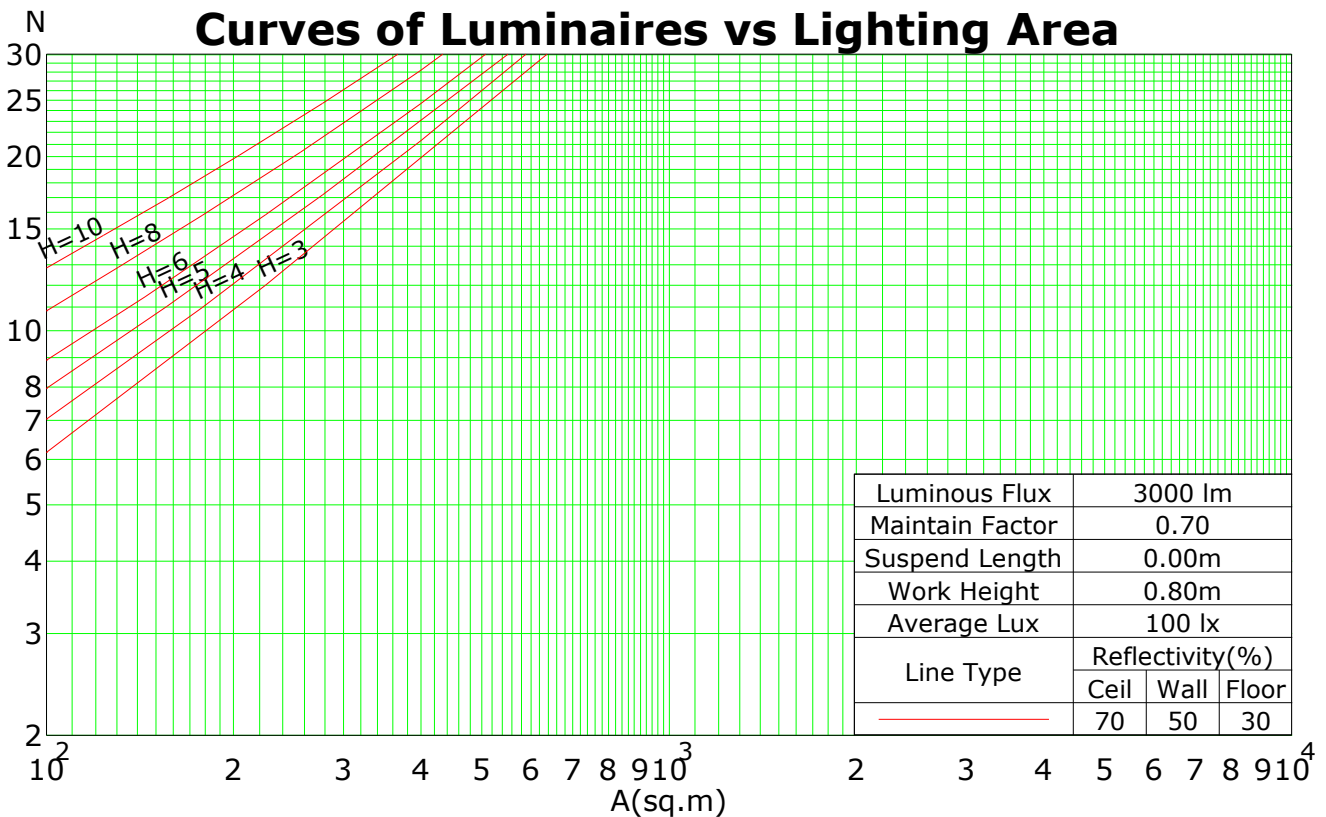
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.551 m
Humidity: 58
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	102	102	102	100
1	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81	79
2	96	87	79	72	93	85	78	71	81	75	70	78	72	68	74	70	66	64
3	87	75	66	59	84	74	65	59	71	63	57	68	62	56	65	60	55	53
4	79	66	57	50	77	65	56	49	62	55	48	60	53	48	58	52	47	45
5	73	59	49	42	71	58	49	42	56	48	42	54	47	41	52	45	41	38
6	67	53	43	37	65	52	43	37	50	42	36	48	41	36	47	40	35	33
7	62	48	39	32	60	47	38	32	45	38	32	44	37	32	43	36	31	29
8	58	44	35	29	56	43	34	29	42	34	28	40	33	28	39	33	28	26
9	54	40	31	26	53	39	31	26	38	31	25	37	30	25	36	30	25	23
10	51	37	29	23	49	36	28	23	35	28	23	34	28	23	33	27	23	21

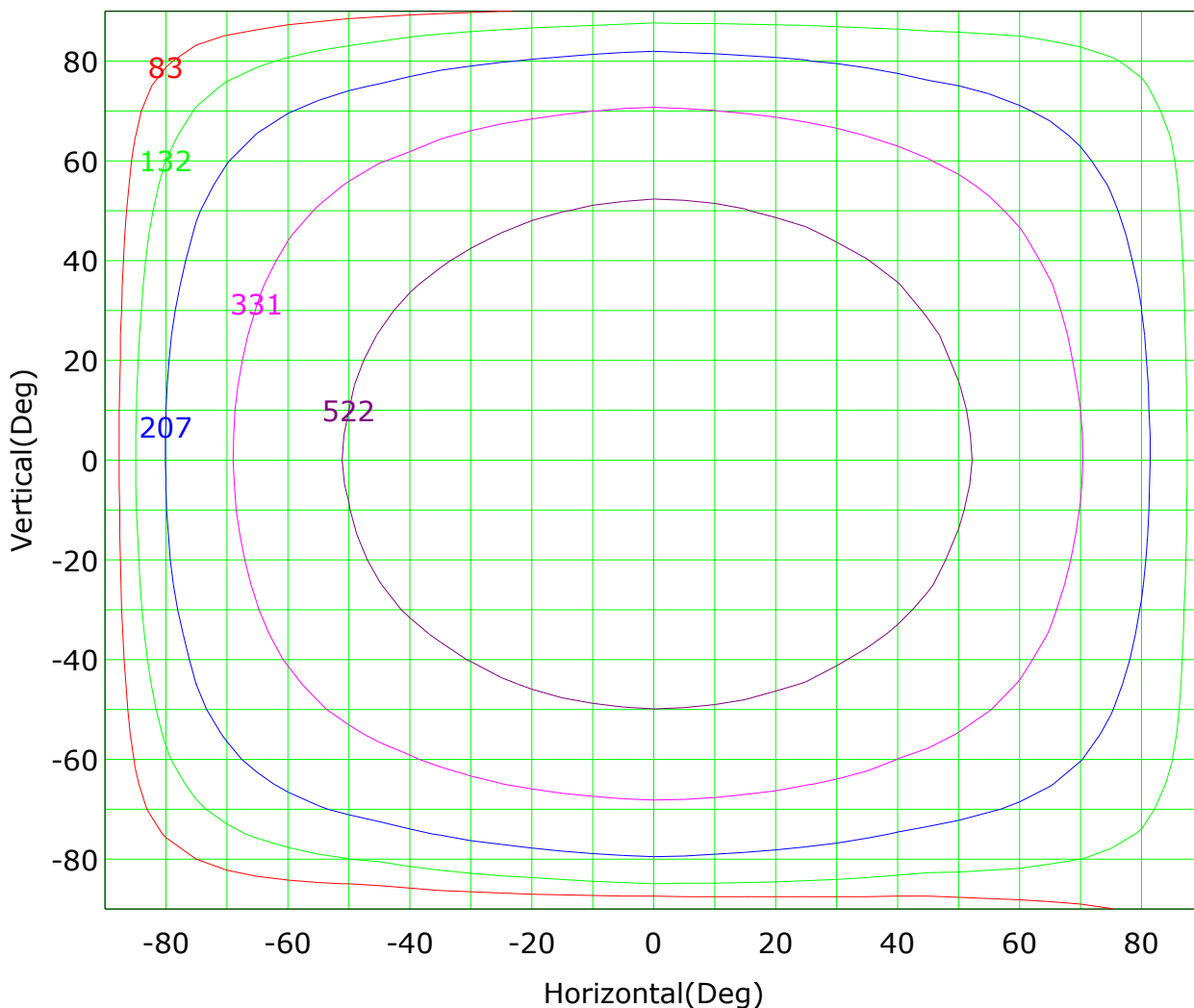
Spacing Criteria (0-180): 1.29
 Spacing Criteria (90-270): 1.29
 Spacing Criteria (Diagonal): 1.40



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: 8.551 m
 Humidity: 58
 Inspector:

Isocandela (rectangle)



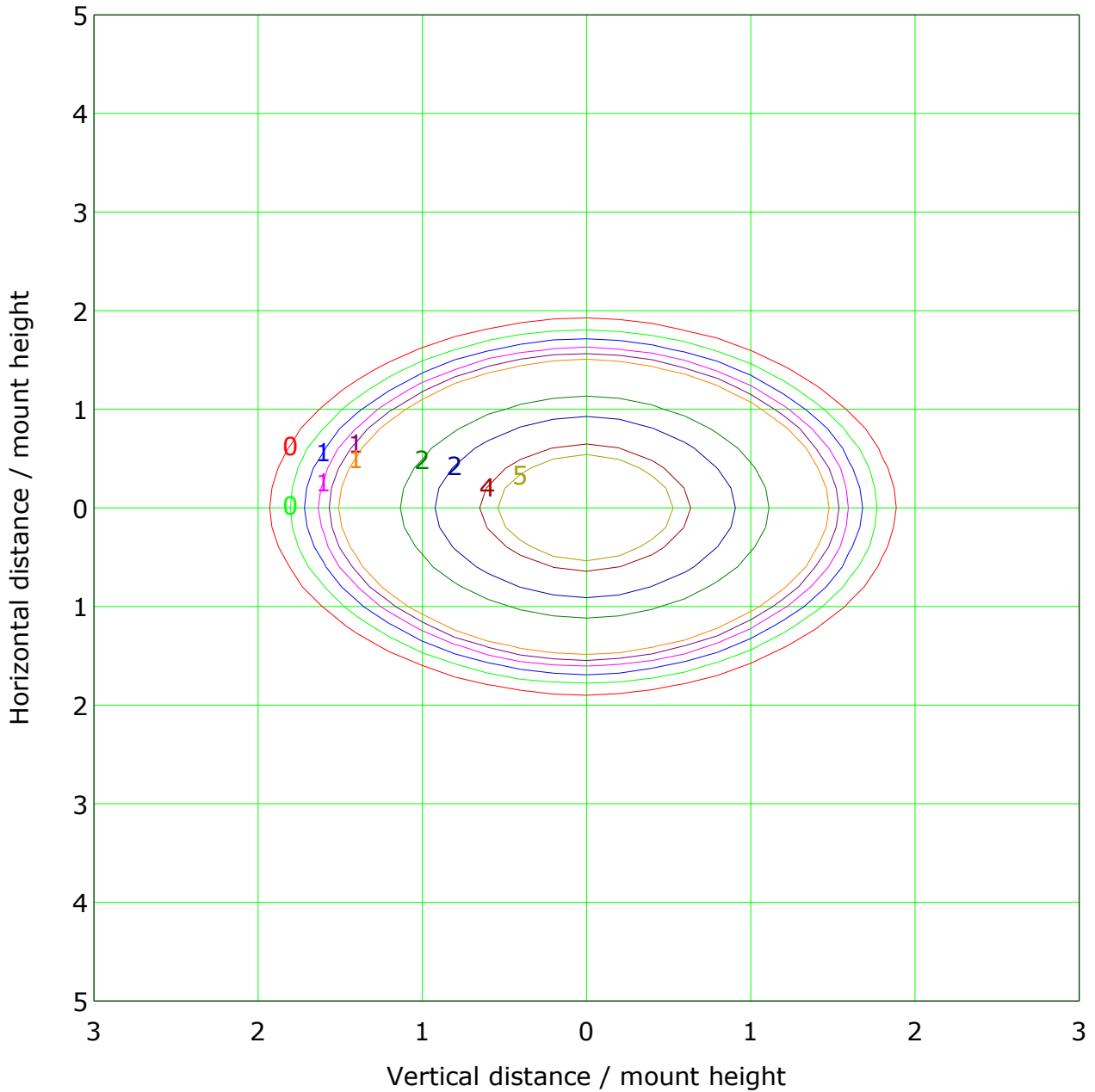
Imax (100%): 828 cd

— (10%): 83 cd	— (16%): 132 cd
— (25%): 207 cd	— (40%): 331 cd
— (63%): 522 cd	— (100%): 828 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: 8.551 m
Humidity: 58
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 8.3 lx

(5%): 0.4 lx	(6%): 0.5 lx
(7%): 0.6 lx	(8%): 0.7 lx
(9%): 0.7 lx	(10%): 0.8 lx
(20%): 1.7 lx	(30%): 2.5 lx
(50%): 4.1 lx	(60%): 5.0 lx

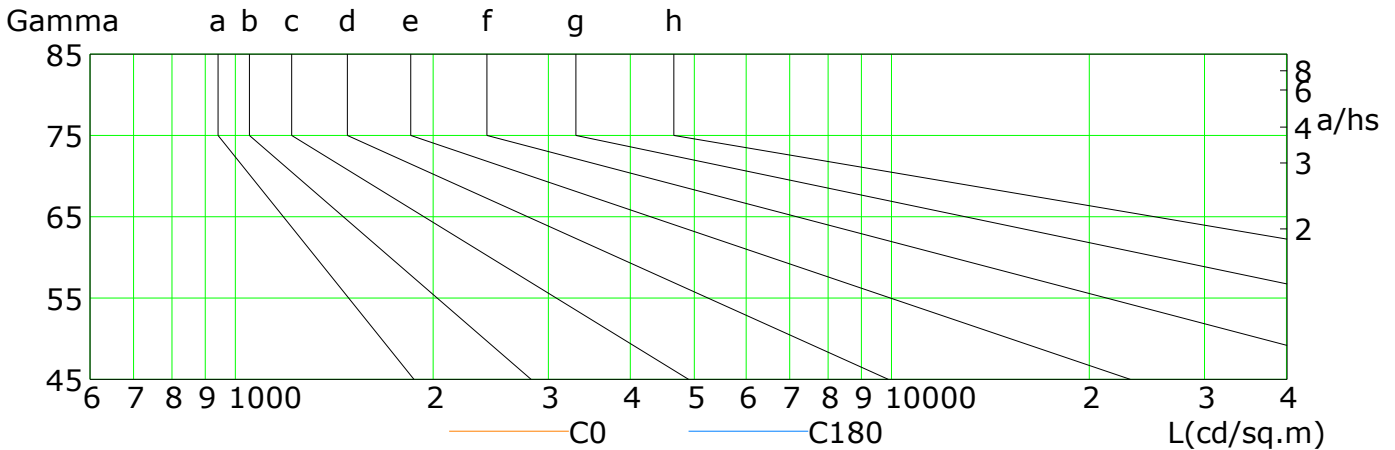
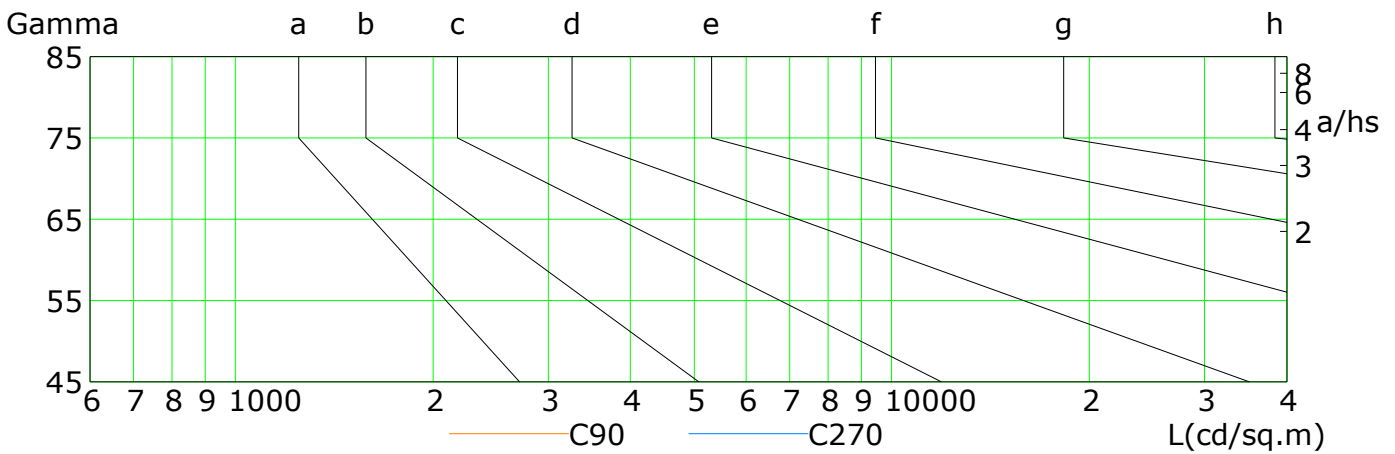
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.551 m
Humidity: 58
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

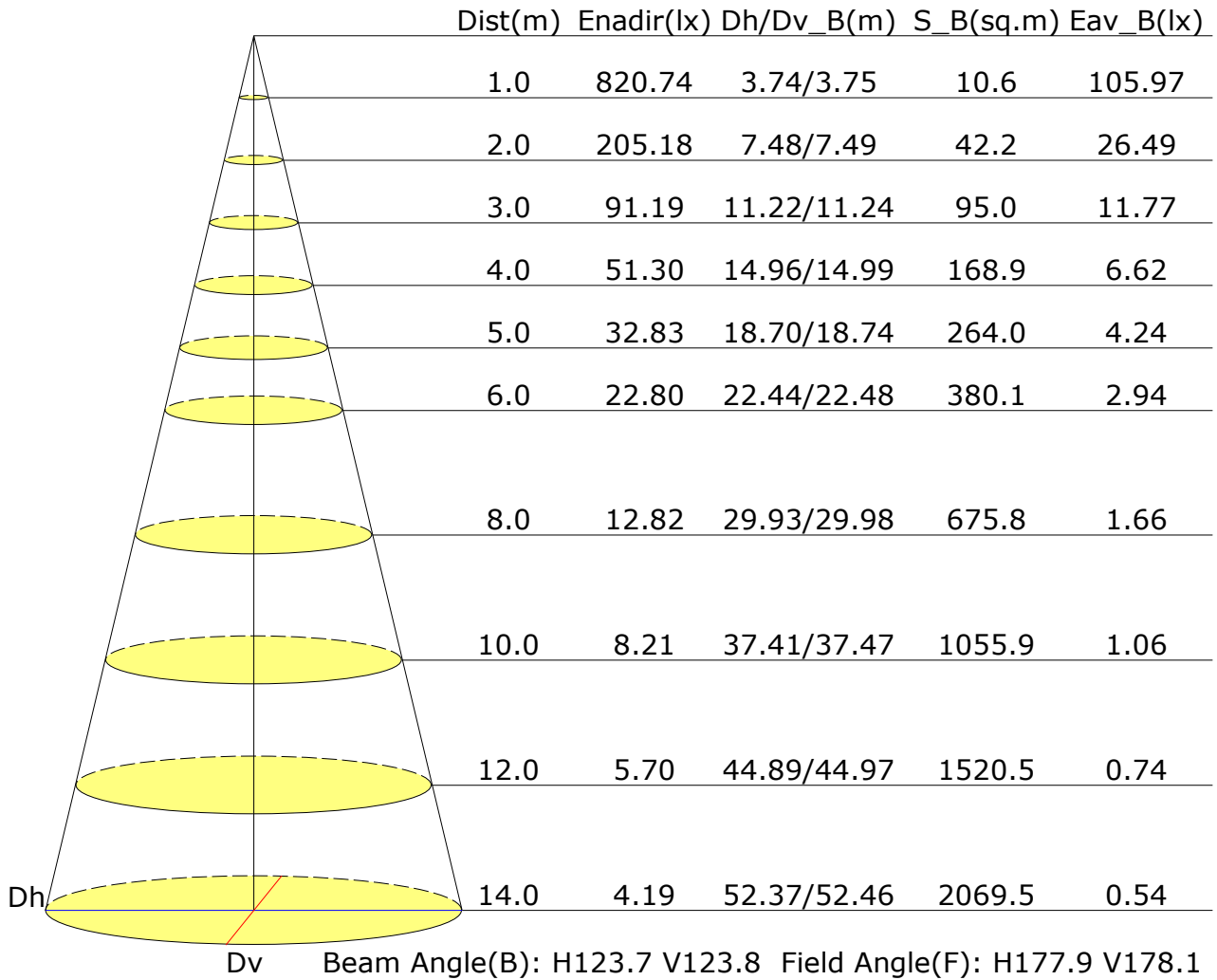


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	581	533	481	428	375	320	264	208	131
C90	573	520	472	420	366	311	256	203	132
C180	593	543	495	444	390	336	279	224	166
C270	593	545	495	444	392	339	283	228	172

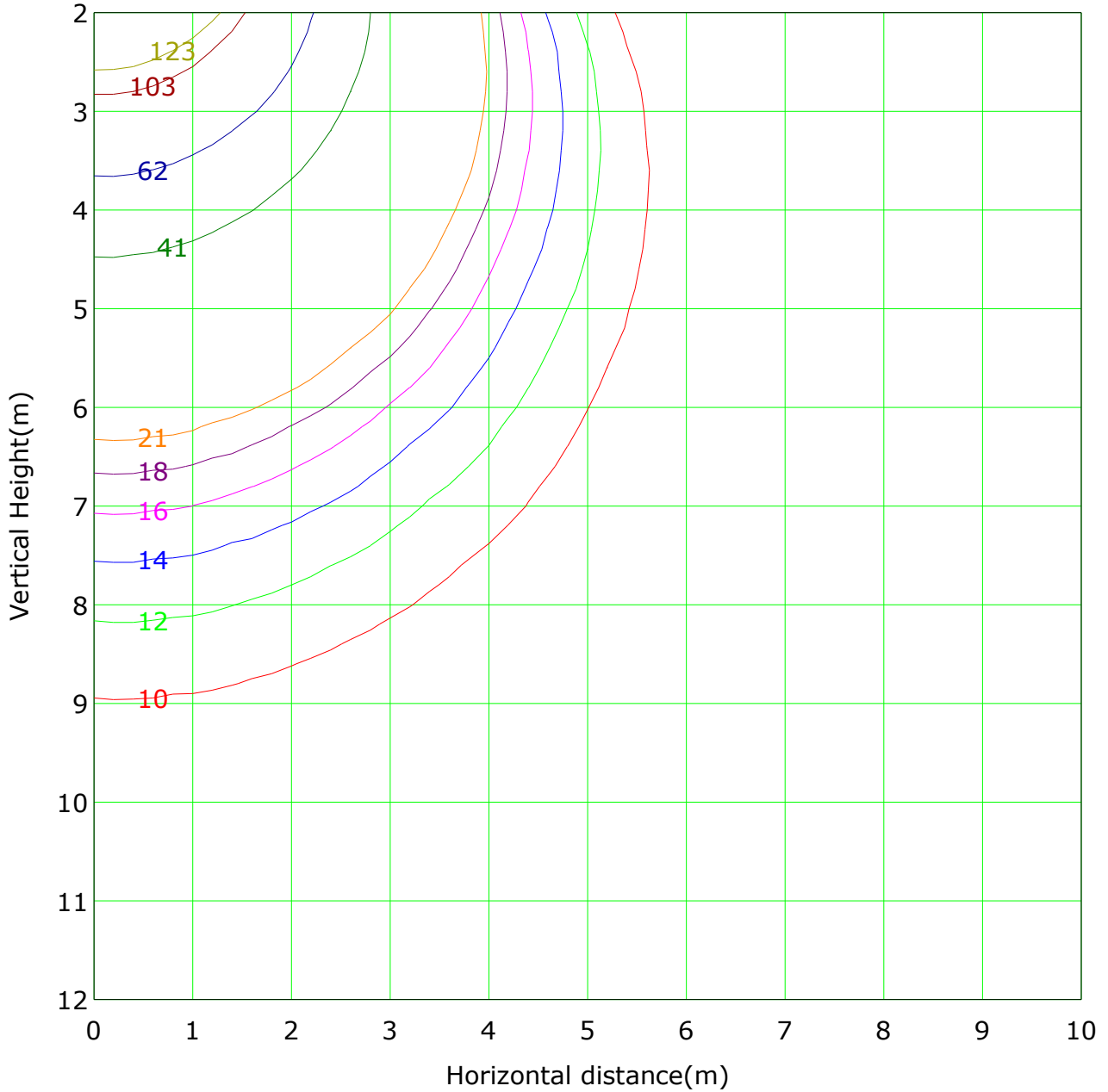
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.551 m
Humidity: 58
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

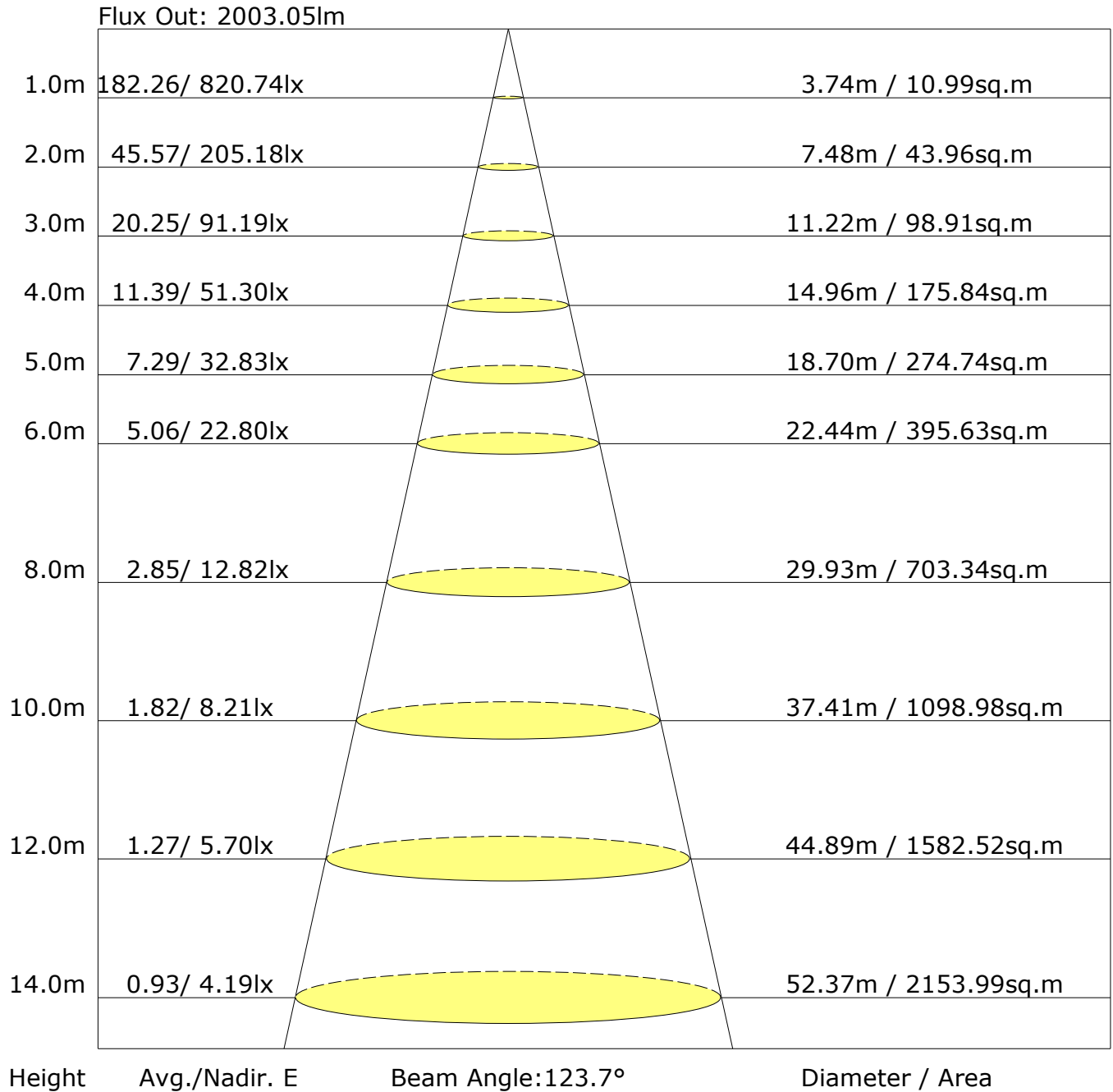


Lowest(m): 2.0m	Highest(m): 12.0m	Max Lux: 205.2 lx
— (5%): 10.3 lx	— (6%): 12.3 lx	
— (7%): 14.4 lx	— (8%): 16.4 lx	
— (9%): 18.5 lx	— (10%): 20.5 lx	
— (20%): 41.0 lx	— (30%): 61.6 lx	
— (50%): 102.6 lx	— (60%): 123.1 lx	

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: 8.551 m
Humidity: 58
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 2731lm ($8\log(F/F_0) = 3.5$).

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: 8.551 m
Humidity: 58
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	820.7	821.1	819.8	815.7	820.7	821.1	819.8	815.7	820.7	
G1.0	824.4	822.4	822.3	818.4	827.3	824.2	819.5	817.6	824.4	
G2.0	824.0	819.3	818.3	818.7	827.8	823.8	820.1	817.3	824.0	
G3.0	825.7	821.7	820.3	820.6	825.3	820.1	817.2	818.2	825.7	
G4.0	824.4	819.7	820.3	817.0	828.0	823.6	819.1	817.0	824.4	
G5.0	819.6	820.5	816.2	814.9	825.9	823.8	819.7	818.7	819.6	
G6.0	823.3	817.8	813.4	814.1	825.2	822.0	817.3	813.5	823.3	
G7.0	822.7	815.5	811.9	816.4	821.8	818.5	816.8	811.4	822.7	
G8.0	821.0	814.7	812.4	808.7	818.9	819.8	815.9	809.6	821.0	
G9.0	818.4	811.9	809.2	810.0	818.0	813.5	812.5	808.6	818.4	
G10.0	814.0	809.9	808.1	804.2	820.7	815.6	811.5	811.8	814.0	
G11.0	807.1	806.7	803.5	807.2	809.8	811.0	803.7	806.4	807.1	
G12.0	811.3	801.7	795.5	797.8	810.7	805.8	803.6	804.5	811.3	
G13.0	803.8	798.0	793.7	797.7	807.9	803.3	800.5	795.3	803.8	
G14.0	799.8	795.7	794.8	790.4	801.5	800.6	796.4	791.2	799.8	
G15.0	796.3	789.4	786.3	790.7	796.8	792.6	793.8	786.2	796.3	
G16.0	792.6	783.6	787.6	782.9	792.2	791.6	787.7	777.9	792.6	
G17.0	787.0	775.6	782.3	777.1	790.8	791.3	785.8	775.8	787.0	
G18.0	779.9	770.2	774.1	767.7	783.4	781.1	779.3	776.7	779.9	
G19.0	779.6	769.1	767.1	765.9	779.5	774.7	776.1	767.8	779.6	
G20.0	771.4	764.1	761.0	761.1	771.0	767.8	769.6	757.7	771.4	
G21.0	771.1	751.8	754.0	755.5	769.1	761.8	765.9	753.7	771.1	
G22.0	763.9	748.8	750.2	749.4	761.9	758.8	759.7	749.6	763.9	
G23.0	754.9	741.0	746.6	741.1	755.6	749.3	754.3	737.5	754.9	
G24.0	750.8	733.2	736.1	735.0	752.9	744.9	749.0	737.9	750.8	
G25.0	744.2	725.1	734.6	720.9	744.9	736.1	745.5	728.6	744.2	
G26.0	734.0	717.1	729.5	720.5	739.4	731.5	741.2	721.5	734.0	
G27.0	729.7	712.7	719.0	715.9	734.5	723.6	736.5	718.7	729.7	
G28.0	725.9	702.9	713.5	703.9	729.4	716.2	727.4	710.6	725.9	
G29.0	720.1	694.8	706.4	693.6	721.7	707.7	722.7	704.8	720.1	
G30.0	713.0	686.8	699.1	689.6	714.3	700.5	717.9	690.9	713.0	
G31.0	707.3	678.3	692.6	682.7	707.1	694.0	708.8	683.4	707.3	
G32.0	699.7	674.2	686.1	673.9	702.6	685.2	704.5	683.3	699.7	
G33.0	688.0	663.4	682.0	669.4	692.3	681.0	692.8	671.4	688.0	
G34.0	680.1	657.1	671.7	652.7	686.5	670.1	686.3	663.7	680.1	
G35.0	673.5	648.0	668.4	649.8	681.4	662.2	679.3	657.5	673.5	
G36.0	664.9	641.2	656.6	638.9	670.7	655.9	672.0	647.8	664.9	

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: 8.551 m
Humidity: 58
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	654.7	635.3	647.7	632.0	664.9	646.6	664.3	641.7	654.7	
G38.0	646.9	625.4	639.8	628.5	655.7	640.3	655.2	629.5	646.9	
G39.0	634.8	614.8	630.9	615.2	650.0	631.0	645.1	623.2	634.8	
G40.0	626.2	605.0	621.5	607.1	640.6	625.7	638.3	616.7	626.2	
G41.0	617.2	599.5	613.9	599.8	632.2	615.0	629.1	606.1	617.2	
G42.0	607.4	586.1	602.2	590.4	621.3	605.9	622.4	601.7	607.4	
G43.0	598.2	578.3	592.0	581.8	613.0	598.3	612.2	588.0	598.2	
G44.0	589.4	569.3	581.1	575.8	602.3	590.4	603.3	577.2	589.4	
G45.0	580.7	560.1	573.0	566.7	593.3	581.0	592.6	569.8	580.7	
G46.0	574.0	552.5	564.7	555.0	582.7	569.8	583.0	561.5	574.0	
G47.0	561.6	538.2	553.6	546.4	573.2	562.5	569.3	547.8	561.6	
G48.0	551.3	527.6	543.2	535.5	563.2	552.3	563.0	541.5	551.3	
G49.0	543.4	519.8	532.7	524.2	556.1	544.0	553.6	533.6	543.4	
G50.0	532.6	508.5	520.4	519.3	543.5	535.5	544.5	520.1	532.6	
G51.0	519.2	497.0	511.1	504.6	533.9	525.6	535.1	513.6	519.2	
G52.0	513.1	486.6	503.9	496.2	521.2	513.2	525.1	500.7	513.1	
G53.0	501.5	475.8	489.0	483.4	510.6	499.0	517.2	490.3	501.5	
G54.0	491.3	467.7	482.3	473.8	504.6	492.3	506.0	482.2	491.3	
G55.0	481.2	455.4	471.9	463.2	494.7	483.0	494.7	473.6	481.2	
G56.0	470.7	444.8	460.7	453.6	483.1	470.2	486.6	460.6	470.7	
G57.0	462.6	435.7	450.2	441.5	472.6	463.1	474.0	451.5	462.6	
G58.0	449.9	426.0	440.0	432.0	462.5	449.9	466.2	438.7	449.9	
G59.0	437.7	414.4	429.5	421.0	451.4	439.6	455.7	431.7	437.7	
G60.0	428.5	405.2	419.6	411.0	444.4	429.5	443.6	423.2	428.5	
G61.0	416.0	395.5	407.5	400.9	433.4	420.7	434.0	414.4	416.0	
G62.0	408.0	384.5	398.8	390.0	419.8	412.1	422.4	401.3	408.0	
G63.0	398.0	373.1	386.1	382.4	407.9	401.2	412.3	392.0	398.0	
G64.0	386.5	362.7	377.8	369.8	400.5	389.8	403.0	381.9	386.5	
G65.0	375.4	353.0	366.1	360.3	390.5	379.6	392.1	372.2	375.4	
G66.0	361.9	340.8	354.1	349.6	378.5	369.0	381.2	363.5	361.9	
G67.0	352.5	330.4	344.2	335.5	366.5	358.8	371.4	349.9	352.5	
G68.0	339.9	319.0	333.4	326.1	355.6	348.3	357.8	340.4	339.9	
G69.0	329.4	307.5	322.1	315.3	346.2	336.3	347.8	330.2	329.4	
G70.0	319.5	296.9	311.4	304.0	336.5	325.2	338.9	319.3	319.5	
G71.0	308.7	284.0	301.1	292.0	323.0	314.7	326.8	306.3	308.7	
G72.0	296.3	273.5	290.5	279.9	312.0	302.5	316.3	296.5	296.3	
G73.0	284.8	262.1	278.6	269.4	300.6	292.3	304.5	285.0	284.8	

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: 8.551 m
Humidity: 58
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	272.9	250.1	268.0	256.4	291.4	279.9	294.4	274.4	272.9	
G75.0	263.9	238.3	256.4	246.0	278.8	268.9	283.2	262.7	263.9	
G76.0	251.4	227.7	245.1	233.9	268.7	256.4	272.4	251.6	251.4	
G77.0	241.8	215.9	234.5	221.4	257.5	244.8	260.5	240.3	241.8	
G78.0	230.8	202.5	224.5	209.6	246.2	233.4	250.8	228.5	230.8	
G79.0	218.6	192.6	212.4	197.6	236.5	221.5	239.4	215.4	218.6	
G80.0	207.9	178.1	202.7	189.0	224.0	209.5	228.4	204.2	207.9	
G81.0	197.1	164.3	188.8	174.5	213.3	199.3	218.7	191.5	197.1	
G82.0	180.2	151.6	175.3	164.1	201.5	186.9	207.3	180.6	180.2	
G83.0	164.2	137.8	162.3	153.1	188.6	175.0	194.9	170.4	164.2	
G84.0	146.7	123.6	148.0	142.8	176.4	164.2	183.6	155.0	146.7	
G85.0	130.9	107.8	131.7	132.1	166.3	155.0	172.0	142.4	130.9	
G86.0	111.2	93.0	116.5	119.9	154.3	145.4	160.2	129.0	111.2	
G87.0	94.2	78.5	99.5	109.1	143.5	135.6	144.3	114.2	94.2	
G88.0	78.5	66.0	81.5	96.5	129.9	124.2	128.9	98.8	78.5	
G89.0	66.1	52.1	63.1	83.1	114.9	111.6	112.6	83.9	66.1	
G90.0	39.2	35.2	34.5	49.8	98.6	97.1	94.6	71.6	39.2	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.0	0.0	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: 8.551 m
 Humidity: 58
 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	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	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: 8.551 m
 Humidity: 58
 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G180.0	0.0	0.0	0.0	0.0	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: 8.551 m
 Humidity: 58
 Inspector: