

Report No.: 32

Test Time: 2017/11/21 17:43

Luminaire Property

Luminaire Manufacturer:

Voltage: 220.0 V

Power: 6.74 W

Current: 0.076 A

Power Factor: 0.402

Photometric Results

CIE Class: Direct

Measurement Flux: 141 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H59.3

Vertical Diffuse Angle(50%): V58.7

Luminaire Efficacy Rating (LER): 20.97

Max. Intensity: 120.69 cd

S/MH(C0/C180): 0.89

Total Rated Lamp Lumens: 141.0 lm

Efficiency: 100%

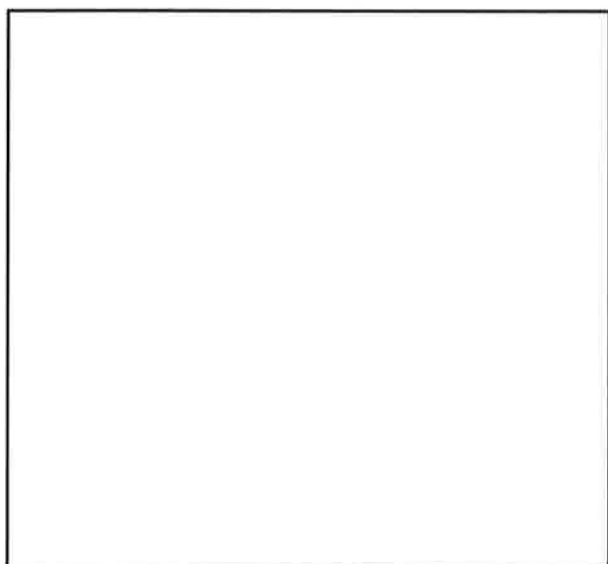
Upward Ratio: 1%

Central Intensity: 120.48 cd

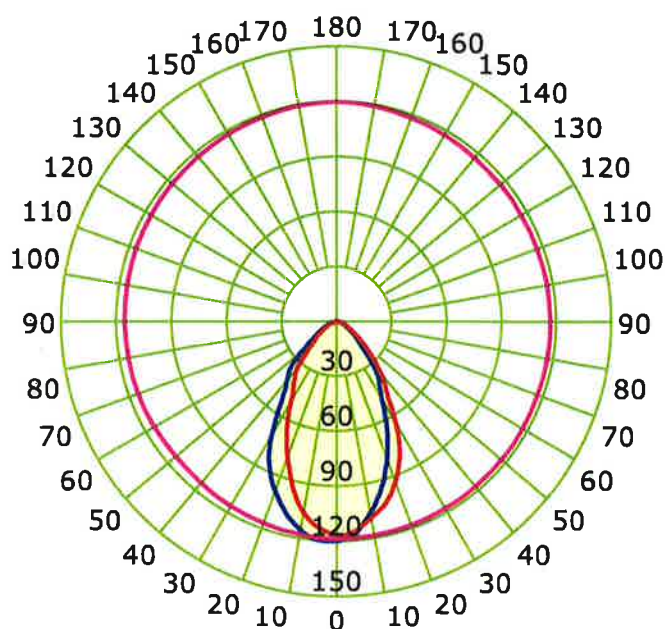
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 0.88

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

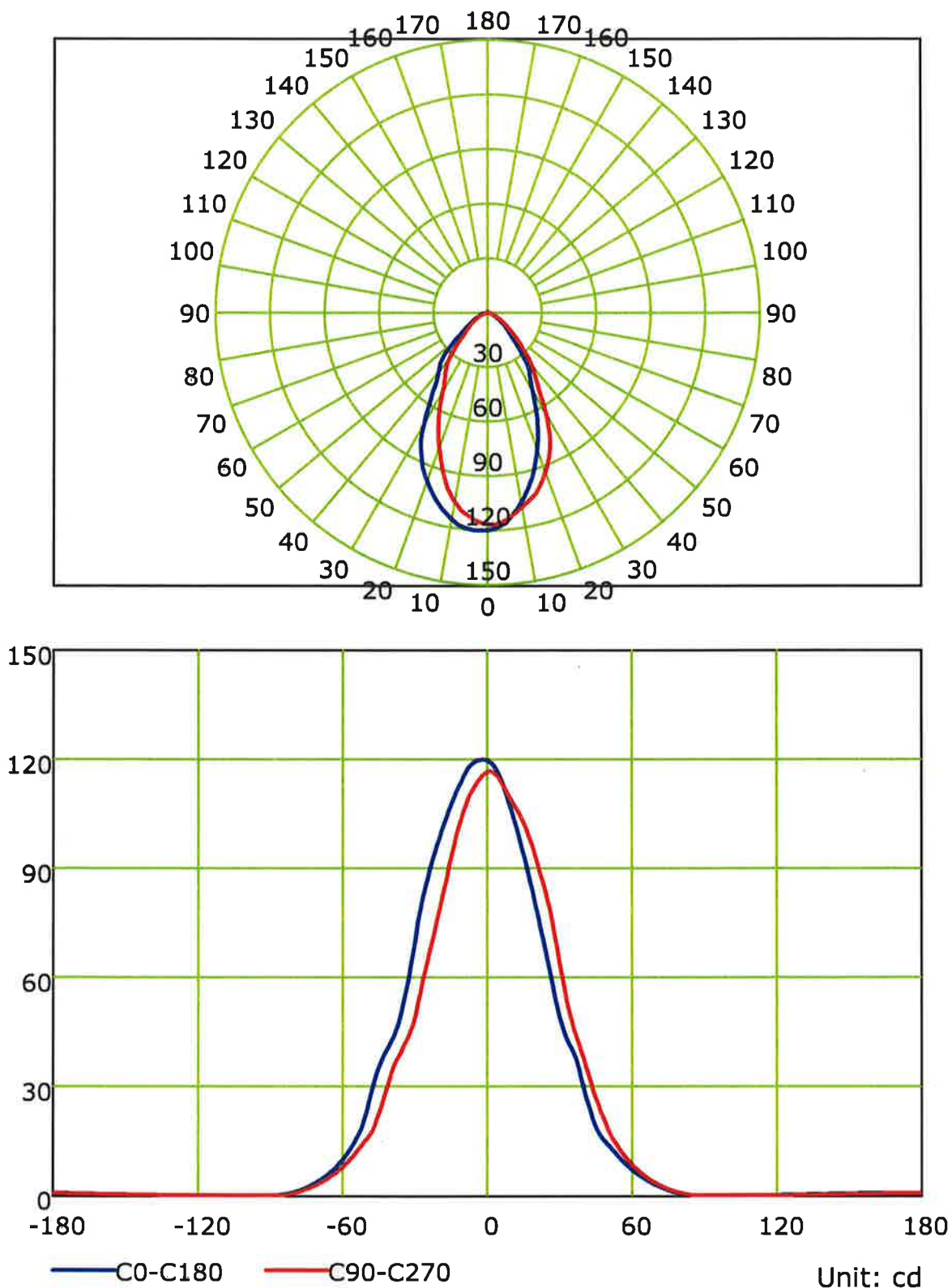
Average Diffuse Angle(50%): 59.0°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

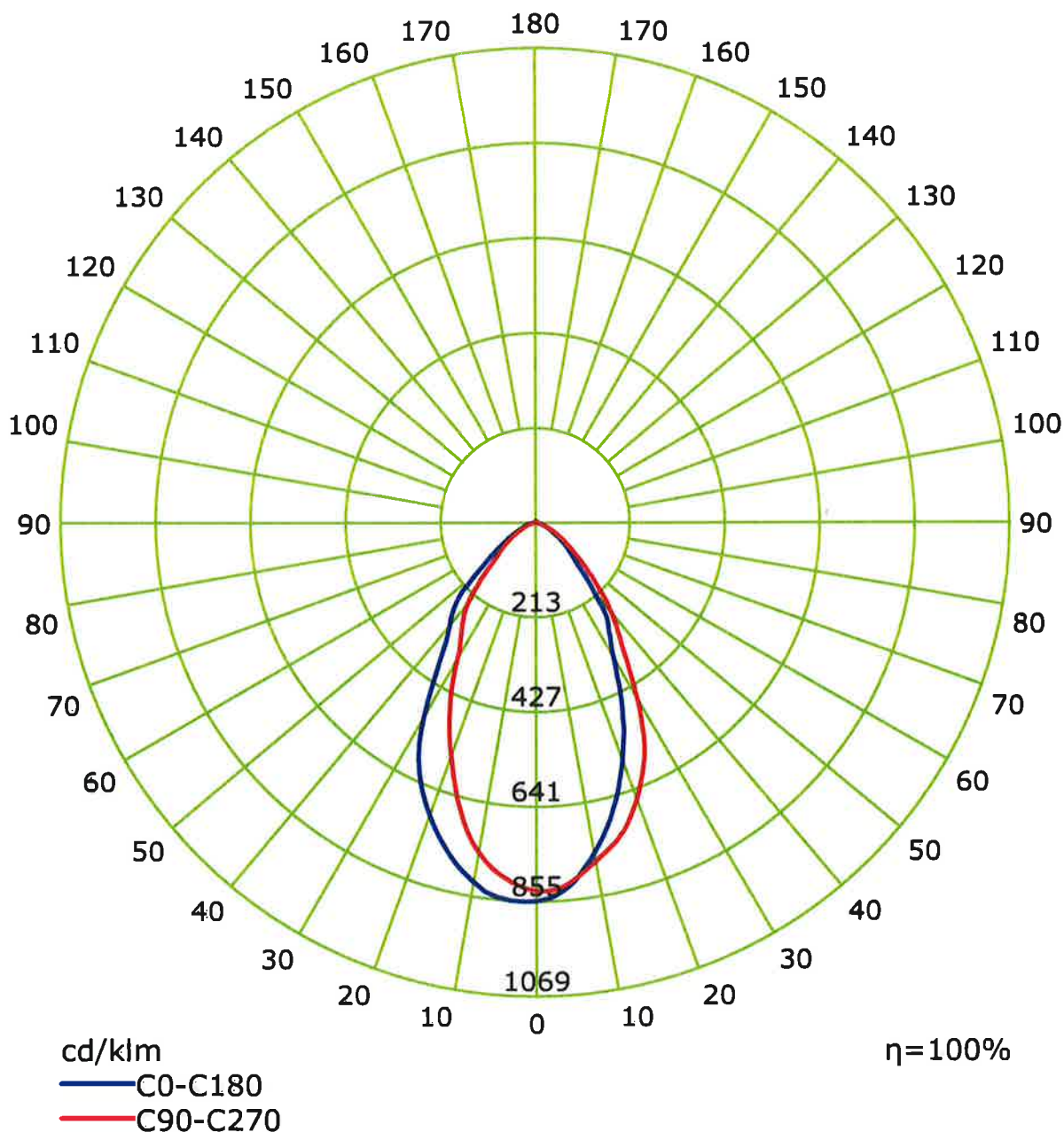
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
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Distance: 7.994 m
Humidity: 58
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



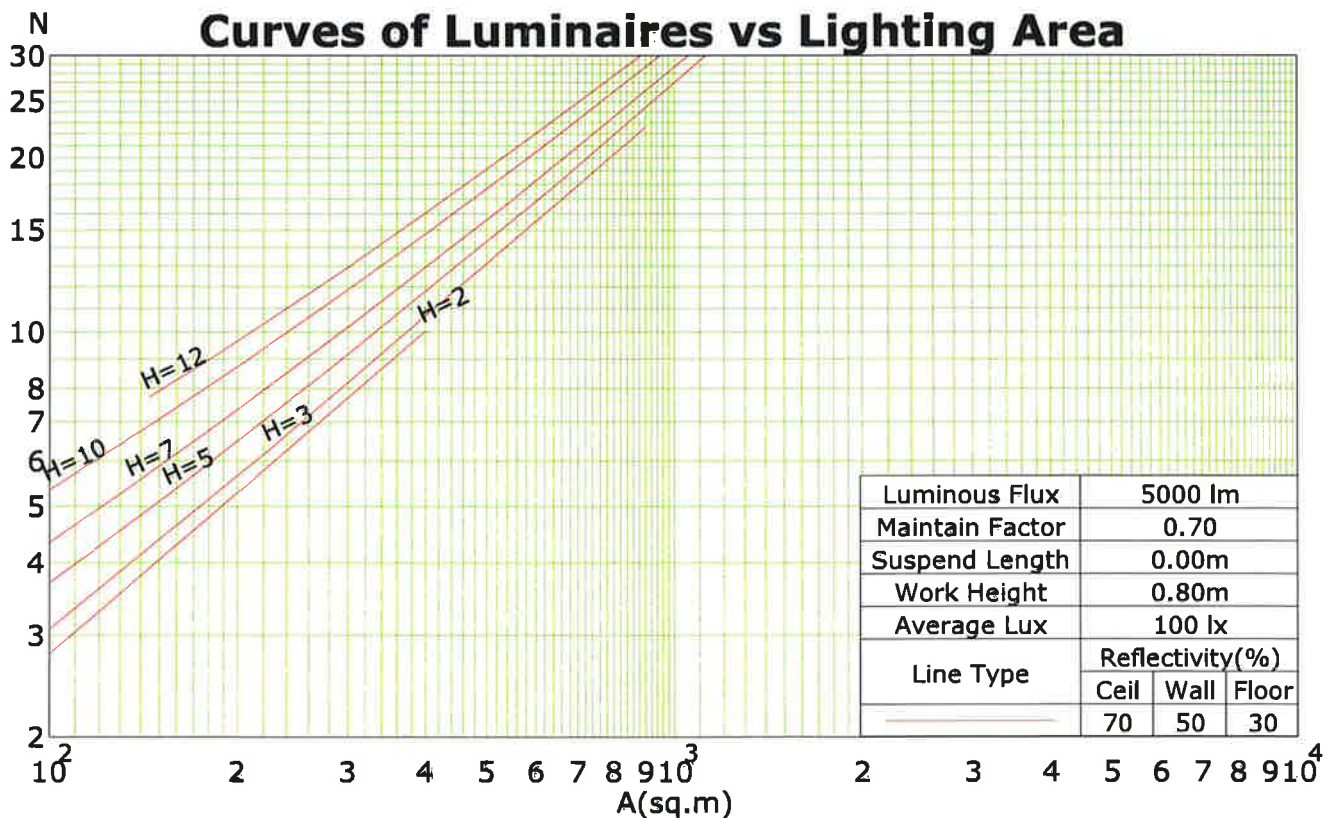
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
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Operator: Jacky tang

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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	112	109	105	103	109	106	104	101	102	100	98	98	96	95	95	93	92	90
2	105	99	94	90	102	97	92	88	93	90	86	90	87	84	87	85	83	81
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	73
4	92	82	76	71	90	81	75	70	79	73	69	77	72	68	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	69	65	61	59
6	81	70	63	58	79	69	62	57	67	61	57	66	61	56	64	60	56	54
7	76	65	58	53	74	64	57	53	63	57	52	61	56	52	60	55	52	50
8	72	60	53	49	70	60	53	48	58	52	48	57	52	48	56	51	48	46
9	68	56	50	45	66	56	49	45	55	49	45	54	48	44	53	48	44	43
10	64	53	46	42	63	52	46	42	51	45	41	51	45	41	50	45	41	40

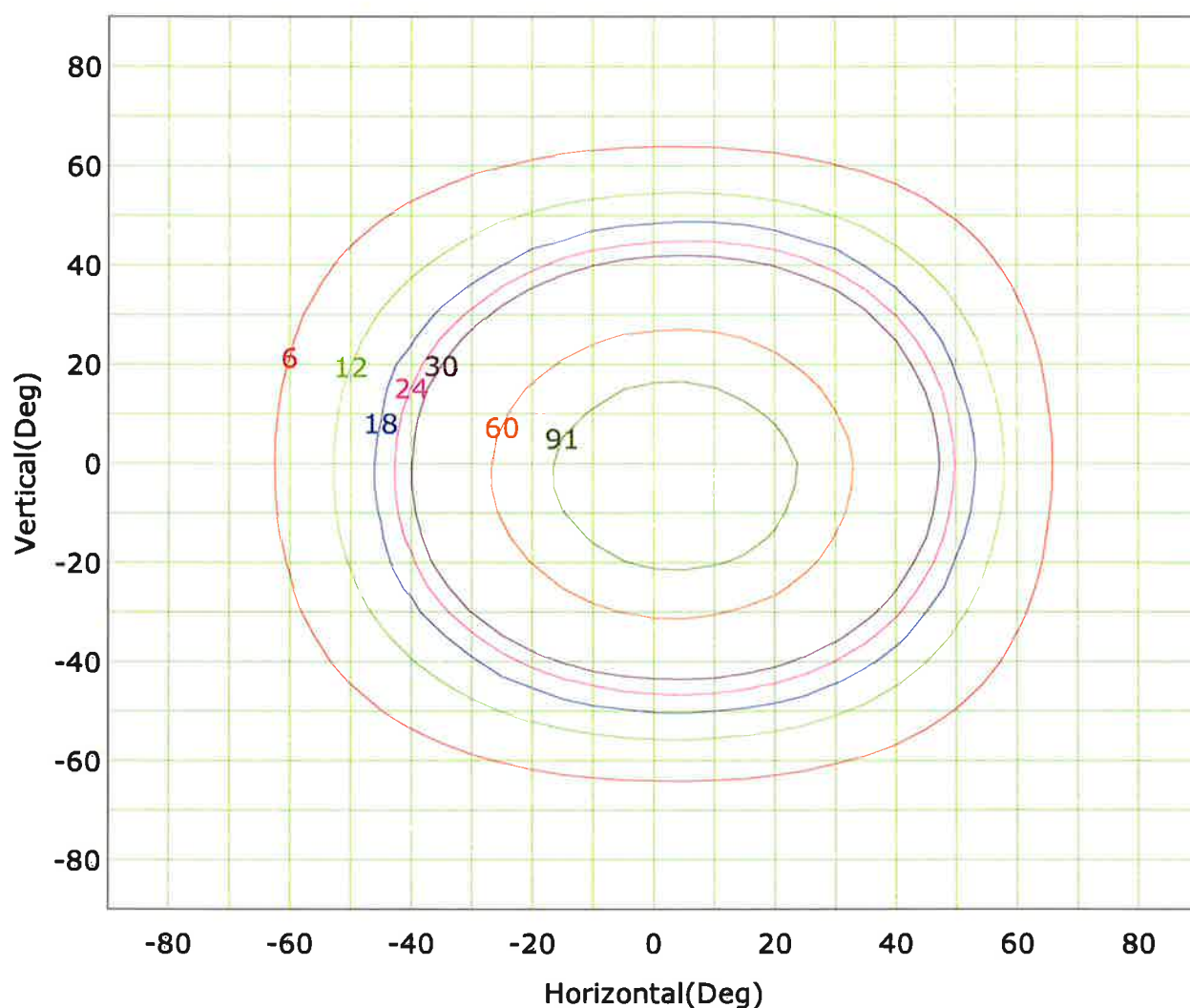
Spacing Criteria (0-180): 0.89
Spacing Criteria (90-270): 0.88
Spacing Criteria (Diagonal): 0.91



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

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Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

Isocandela (rectangle)



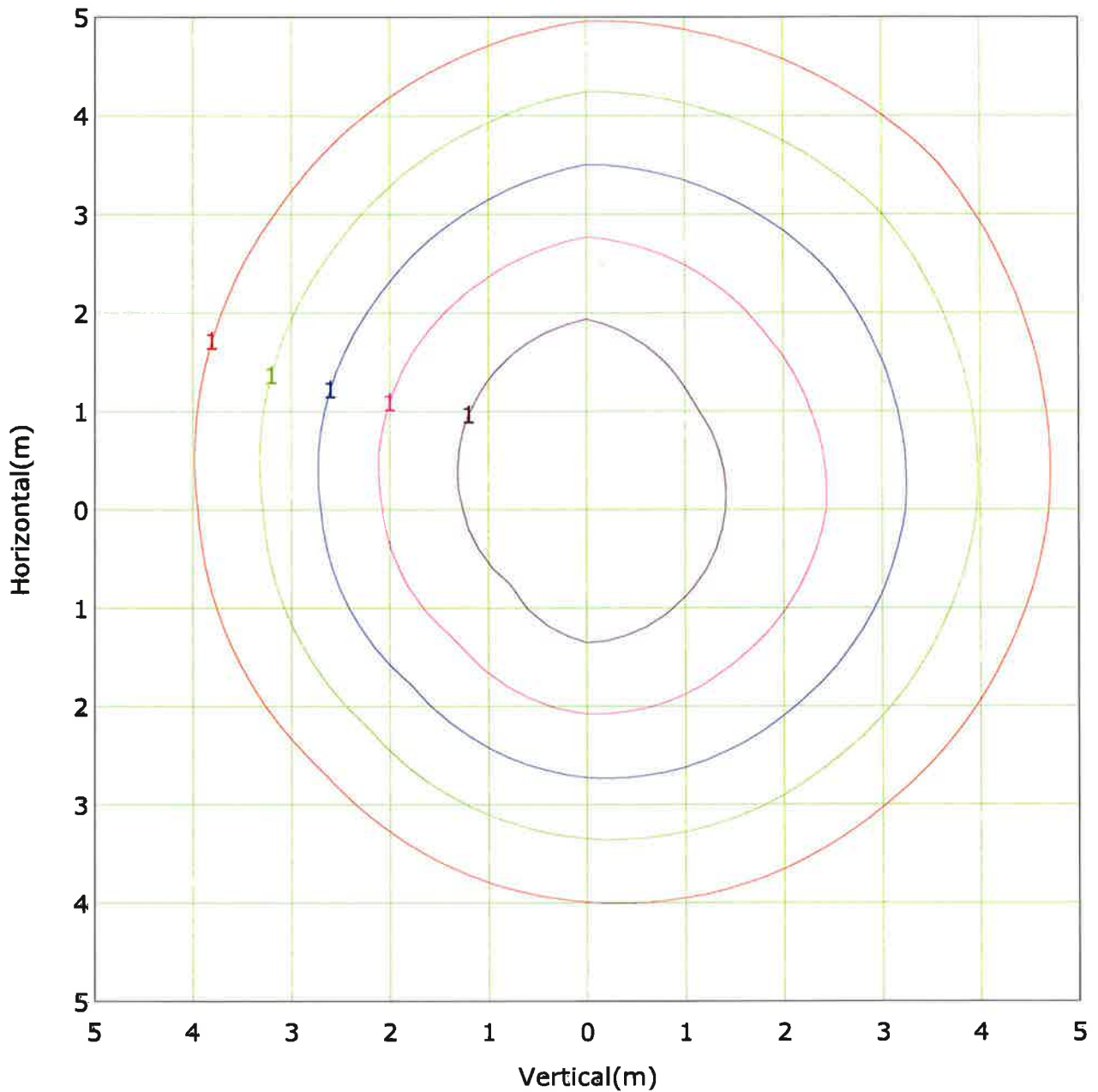
Imax (100%): 121 cd

(5%):	6 cd	(10%):	12 cd
(15%):	18 cd	(20%):	24 cd
(25%):	30 cd	(50%):	60 cd
(75%):	91 cd	(100%):	121 cd

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

IsoLux Plot



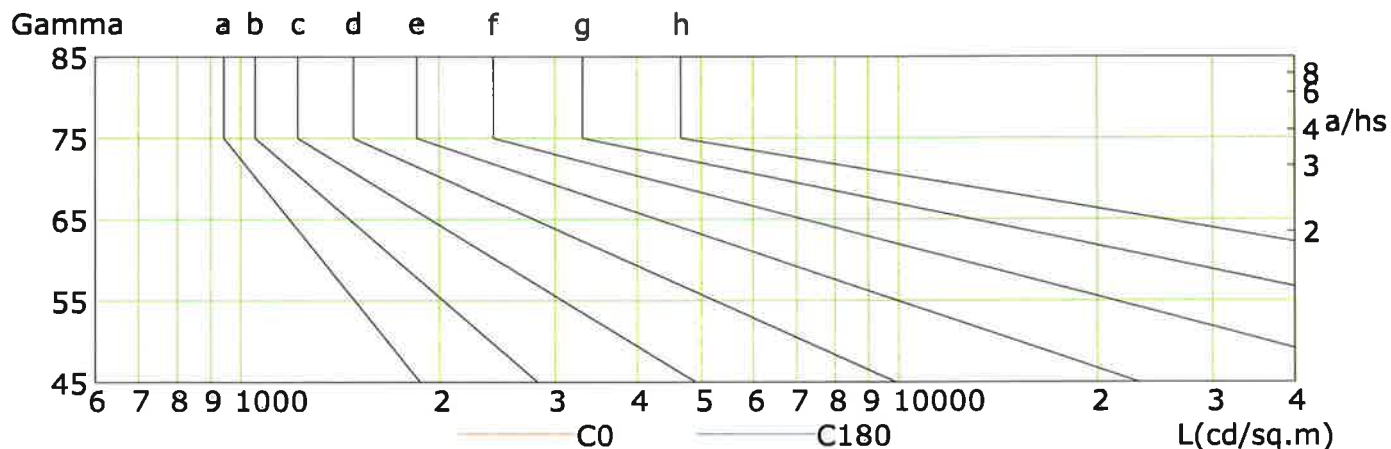
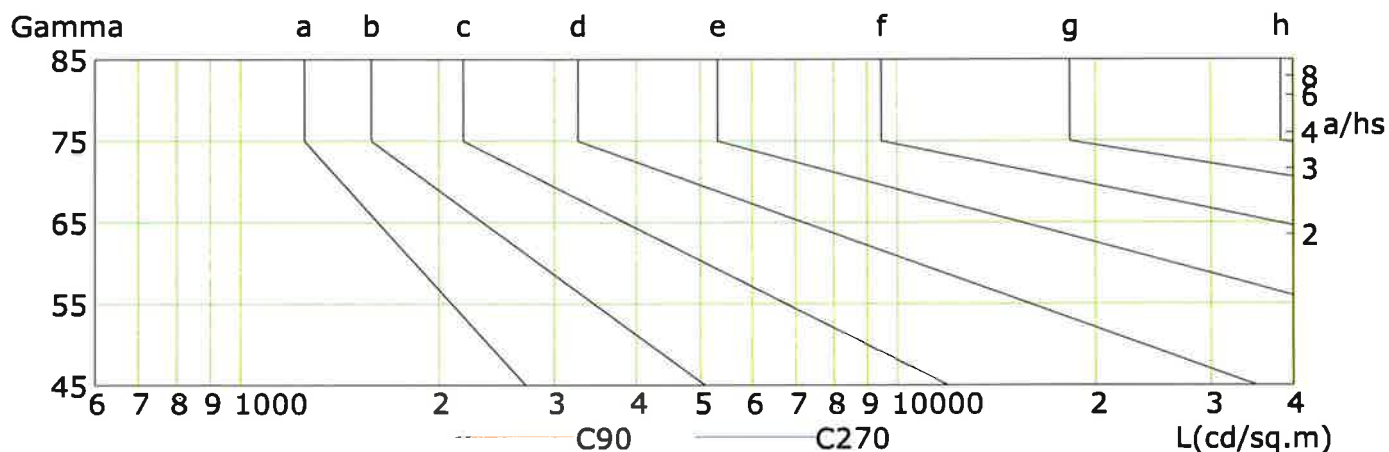
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
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

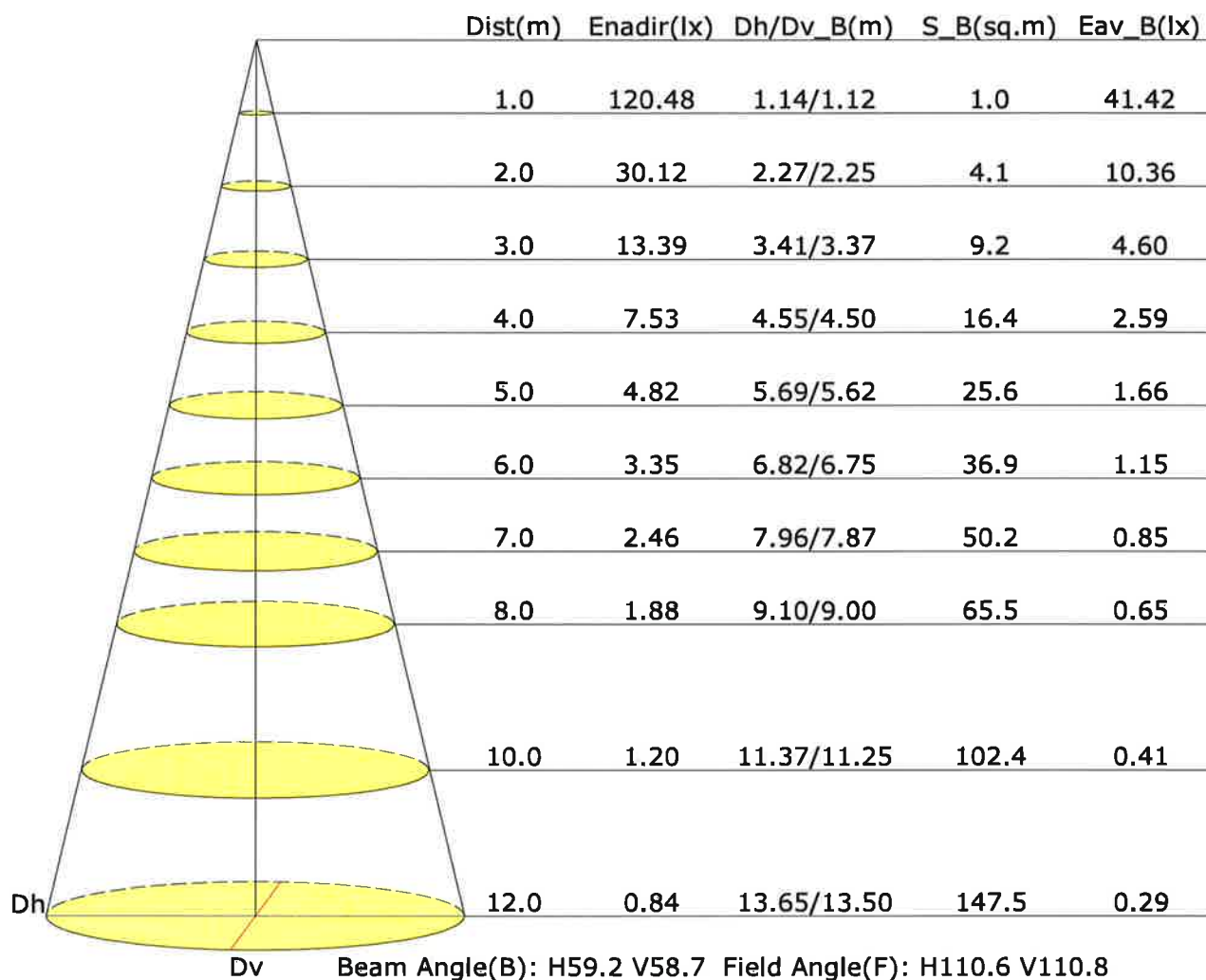


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	19	14	10	7	5	3	2	1	0
C90	27	18	13	9	6	3	2	1	0
C180	36	24	15	10	6	4	2	1	0
C270	23	16	12	8	5	3	2	1	0

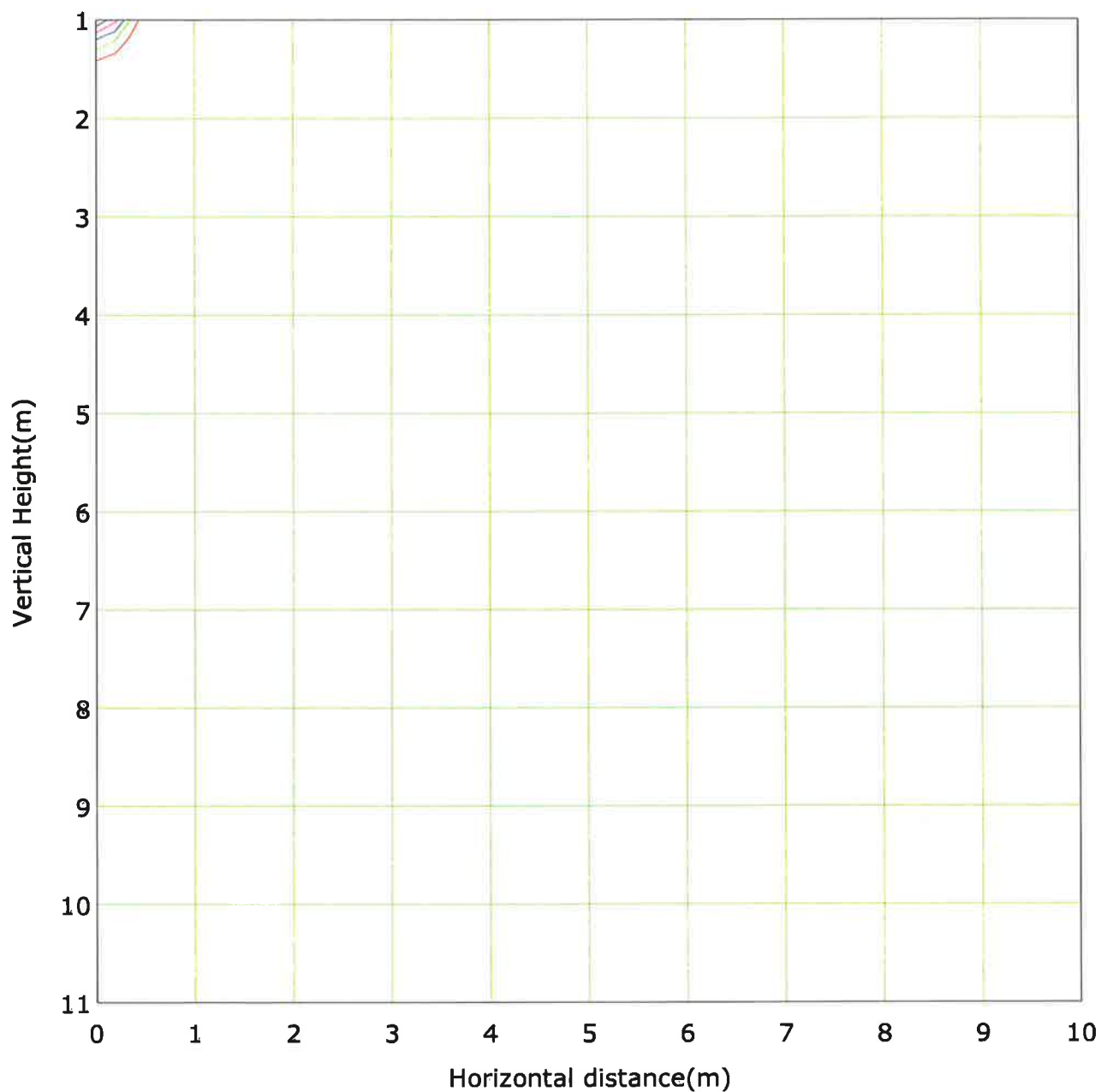
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Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

Illuminance at a Distance

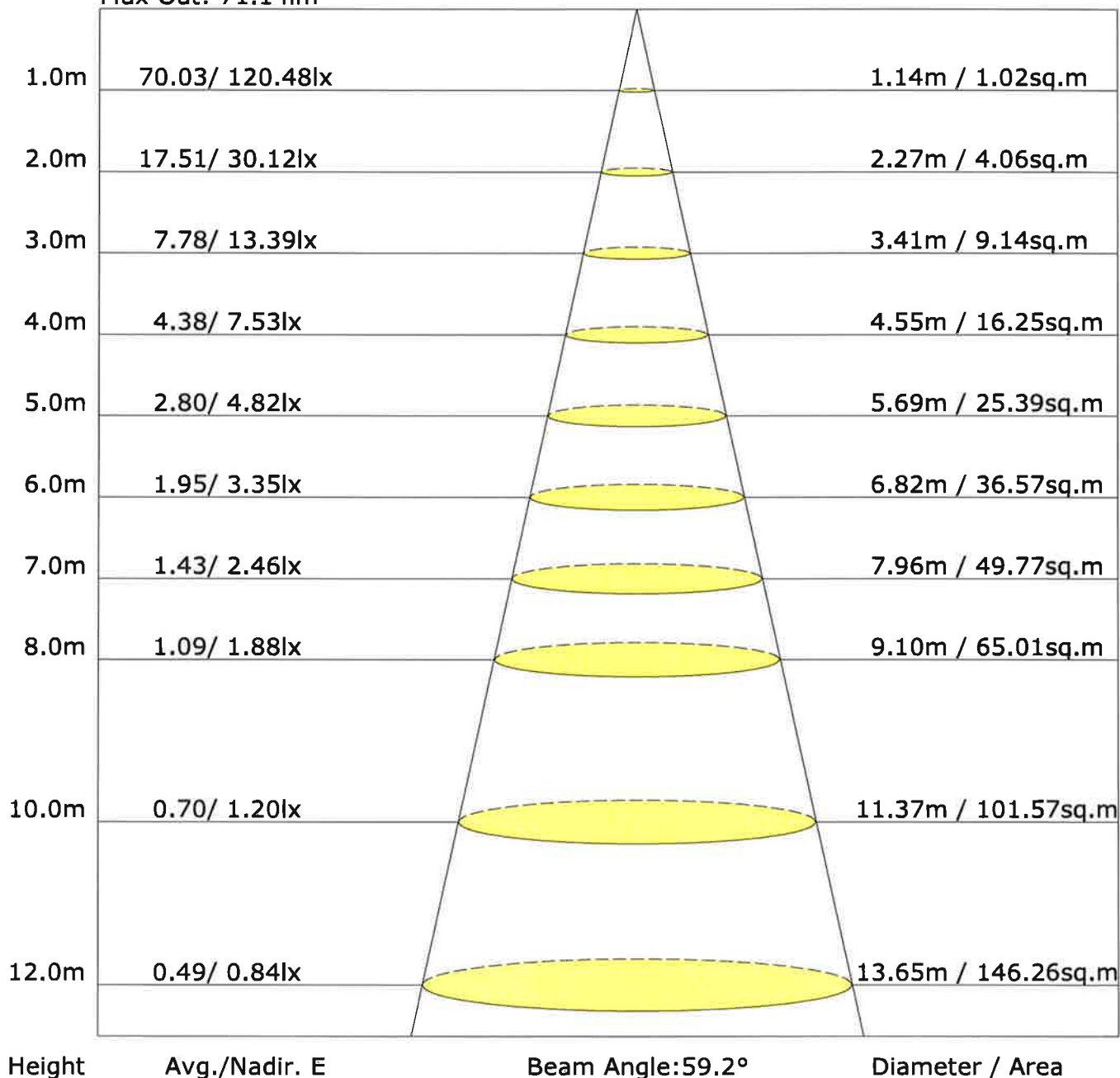


Vertical IsoLux Plot



The Average Illuminance Effective Figure

Flux Out: 71.14lm



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 141lm ($8\log(F/F_0) = -6.8$).

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.70	0.80	0.86	0.90	0.96	1.00	1.02	1.06	1.08	
	0.30		0.64	0.74	0.80	0.85	0.91	0.96	0.99	1.03	1.05	
	0.20		0.60	0.69	0.76	0.81	0.88	0.92	0.96	1.00	1.03	
0.50	0.50	0.20	0.69	0.78	0.83	0.87	0.93	0.96	0.99	1.02	1.04	
	0.30		0.63	0.72	0.79	0.83	0.89	0.93	0.96	0.99	1.01	
	0.20		0.59	0.68	0.75	0.79	0.86	0.90	0.93	0.97	1.00	
0.30	0.50	0.20	0.68	0.76	0.81	0.85	0.90	0.93	0.95	0.98	1.00	
	0.30		0.63	0.71	0.77	0.81	0.87	0.90	0.93	0.96	0.98	
	0.20		0.59	0.68	0.74	0.78	0.84	0.88	0.91	0.94	0.97	
0.00	0.00	0.00	0.57	0.65	0.71	0.75	0.81	0.84	0.87	0.90	0.92	
Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.79	0.64	0.53	0.46	0.36	0.29	0.25	0.19	0.15
	0.30		0.66	0.55	0.47	0.41	0.32	0.27	0.23	0.18	0.15
	0.20		0.57	0.48	0.41	0.36	0.30	0.25	0.22	0.17	0.14
0.50	0.50	0.20	0.76	0.61	0.51	0.43	0.34	0.31	0.23	0.18	0.14
	0.30		0.64	0.53	0.45	0.39	0.31	0.26	0.22	0.17	0.14
	0.20		0.56	0.47	0.40	0.35	0.28	0.24	0.21	0.16	0.13
0.30	0.50	0.20	0.73	0.58	0.48	0.41	0.32	0.26	0.22	0.17	0.14
	0.30		0.63	0.51	0.43	0.37	0.29	0.24	0.21	0.16	0.13
	0.20		0.55	0.46	0.39	0.34	0.27	0.23	0.20	0.15	0.13
0.00	0.00	0.00	0.43	0.34	0.29	0.25	0.19	0.16	0.13	0.10	0.08
Rating: 7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating: 7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	118.1	0.1	0.1	0.08	0.08
1.0-2.0	117.9	0.3	0.5	0.24	0.32
2.0-3.0	117.5	0.6	1.0	0.40	0.72
3.0-4.0	116.9	0.8	1.8	0.55	1.27
4.0-5.0	116.1	1.0	2.8	0.71	1.98
5.0-6.0	115.2	1.2	4.0	0.86	2.84
6.0-7.0	114.0	1.4	5.4	1.00	3.84
7.0-8.0	112.7	1.6	7.0	1.14	4.99
8.0-9.0	111.2	1.8	8.8	1.28	6.27
9.0-10.0	109.7	2.0	10.8	1.41	7.67
10.0-11.0	108.0	2.2	13.0	1.53	9.20
11.0-12.0	106.3	2.3	15.3	1.65	10.85
12.0-13.0	104.5	2.5	17.8	1.76	12.61
13.0-14.0	102.6	2.6	20.4	1.86	14.47
14.0-15.0	100.5	2.8	23.2	1.96	16.43
15.0-16.0	98.3	2.9	26.0	2.04	18.47
16.0-17.0	96.0	3.0	29.0	2.12	20.59
17.0-18.0	93.6	3.1	32.1	2.19	22.78
18.0-19.0	91.2	3.2	35.3	2.25	25.03
19.0-20.0	88.8	3.3	38.6	2.30	27.34
20.0-21.0	86.3	3.3	41.9	2.35	29.69
21.0-22.0	83.8	3.4	45.2	2.39	32.08
22.0-23.0	81.2	3.4	48.6	2.42	34.49
23.0-24.0	78.6	3.4	52.1	2.44	36.93
24.0-25.0	75.9	3.5	55.5	2.45	39.38
25.0-26.0	73.1	3.5	59.0	2.45	41.82
26.0-27.0	70.1	3.4	62.4	2.43	44.25
27.0-28.0	66.9	3.4	65.8	2.40	46.66
28.0-29.0	63.5	3.3	69.1	2.36	49.01
29.0-30.0	60.1	3.2	72.4	2.30	51.31
30.0-31.0	56.8	3.2	75.5	2.24	53.56
31.0-32.0	53.8	3.1	78.6	2.19	55.74
32.0-33.0	51.2	3.0	81.6	2.14	57.88
33.0-34.0	48.7	2.9	84.6	2.09	59.97
34.0-35.0	46.4	2.9	87.5	2.05	62.02
35.0-36.0	44.4	2.8	90.3	2.01	64.02

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Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

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Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	42.6	2.8	93.1	1.97	65.99
37.0-38.0	40.7	2.7	95.8	1.92	67.92
38.0-39.0	38.8	2.6	98.4	1.88	69.79
39.0-40.0	36.9	2.6	101.0	1.83	71.62
40.0-41.0	34.9	2.5	103.5	1.76	73.38
41.0-42.0	33.0	2.4	105.9	1.70	75.08
42.0-43.0	31.0	2.3	108.2	1.63	76.71
43.0-44.0	28.9	2.2	110.4	1.55	78.26
44.0-45.0	26.9	2.1	112.4	1.47	79.72
45.0-46.0	25.0	2.0	114.4	1.38	81.11
46.0-47.0	23.1	1.8	116.2	1.30	82.41
47.0-48.0	21.4	1.7	118.0	1.23	83.64
48.0-49.0	19.8	1.6	119.6	1.16	84.80
49.0-50.0	18.4	1.5	121.1	1.09	85.89
50.0-51.0	17.1	1.4	122.6	1.03	86.91
51.0-52.0	15.9	1.4	123.9	0.97	87.88
52.0-53.0	14.8	1.3	125.2	0.91	88.79
53.0-54.0	13.8	1.2	126.4	0.86	89.65
54.0-55.0	12.8	1.1	127.6	0.81	90.47
55.0-56.0	11.9	1.1	128.7	0.76	91.23
56.0-57.0	11.0	1.0	129.7	0.71	91.94
57.0-58.0	10.2	0.9	130.6	0.67	92.61
58.0-59.0	9.5	0.9	131.5	0.63	93.24
59.0-60.0	8.7	0.8	132.3	0.59	93.82
60.0-61.0	8.1	0.8	133.1	0.55	94.37
61.0-62.0	7.4	0.7	133.8	0.51	94.88
62.0-63.0	6.8	0.7	134.5	0.47	95.35
63.0-64.0	6.3	0.6	135.1	0.44	95.79
64.0-65.0	5.8	0.6	135.7	0.40	96.19
65.0-66.0	5.3	0.5	136.2	0.37	96.57
66.0-67.0	4.8	0.5	136.7	0.34	96.91
67.0-68.0	4.4	0.4	137.1	0.31	97.22
68.0-69.0	4.0	0.4	137.5	0.29	97.51
69.0-70.0	3.6	0.4	137.9	0.26	97.77
70.0-71.0	3.2	0.3	138.2	0.24	98.01
71.0-72.0	2.9	0.3	138.5	0.21	98.22

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2.6	0.3	138.8	0.19	98.41
73.0-74.0	2.3	0.2	139.0	0.17	98.58
74.0-75.0	2.0	0.2	139.2	0.15	98.73
75.0-76.0	1.7	0.2	139.4	0.13	98.86
76.0-77.0	1.5	0.2	139.6	0.11	98.97
77.0-78.0	1.2	0.1	139.7	0.09	99.06
78.0-79.0	1.0	0.1	139.8	0.08	99.14
79.0-80.0	0.9	0.1	139.9	0.07	99.21
80.0-81.0	0.7	0.1	140.0	0.05	99.26
81.0-82.0	0.5	0.1	140.0	0.04	99.30
82.0-83.0	0.4	0.0	140.1	0.03	99.33
83.0-84.0	0.3	0.0	140.1	0.02	99.36
84.0-85.0	0.2	0.0	140.1	0.02	99.37
85.0-86.0	0.1	0.0	140.2	0.01	99.38
86.0-87.0	0.0	0.0	140.2	0.00	99.38
87.0-88.0	0.0	0.0	140.2	0.00	99.38
88.0-89.0	0.0	0.0	140.2	0.00	99.38
89.0-90.0	0.0	0.0	140.2	0.00	99.38
90.0-91.0	0.0	0.0	140.2	0.00	99.38
91.0-92.0	0.0	0.0	140.2	0.00	99.38
92.0-93.0	0.0	0.0	140.2	0.00	99.38
93.0-94.0	0.0	0.0	140.2	0.00	99.38
94.0-95.0	0.0	0.0	140.2	0.00	99.38
95.0-96.0	0.0	0.0	140.2	0.00	99.38
96.0-97.0	0.0	0.0	140.2	0.00	99.38
97.0-98.0	0.0	0.0	140.2	0.00	99.38
98.0-99.0	0.0	0.0	140.2	0.00	99.38
99.0-100.0	0.0	0.0	140.2	0.00	99.38
100.0-101.0	0.0	0.0	140.2	0.00	99.38
101.0-102.0	0.0	0.0	140.2	0.00	99.38
102.0-103.0	0.0	0.0	140.2	0.00	99.38
103.0-104.0	0.0	0.0	140.2	0.00	99.38
104.0-105.0	0.0	0.0	140.2	0.00	99.38
105.0-106.0	0.0	0.0	140.2	0.00	99.38
106.0-107.0	0.0	0.0	140.2	0.00	99.38
107.0-108.0	0.0	0.0	140.2	0.00	99.38

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 28
 Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.994 m
 Humidity: 58
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	140.2	0.00	99.38
109.0-110.0	0.0	0.0	140.2	0.00	99.38
110.0-111.0	0.0	0.0	140.2	0.00	99.38
111.0-112.0	0.0	0.0	140.2	0.00	99.39
112.0-113.0	0.0	0.0	140.2	0.00	99.39
113.0-114.0	0.0	0.0	140.2	0.00	99.39
114.0-115.0	0.0	0.0	140.2	0.00	99.39
115.0-116.0	0.0	0.0	140.2	0.00	99.39
116.0-117.0	0.0	0.0	140.2	0.00	99.39
117.0-118.0	0.0	0.0	140.2	0.00	99.40
118.0-119.0	0.0	0.0	140.2	0.00	99.40
119.0-120.0	0.0	0.0	140.2	0.00	99.40
120.0-121.0	0.1	0.0	140.2	0.00	99.41
121.0-122.0	0.1	0.0	140.2	0.00	99.41
122.0-123.0	0.1	0.0	140.2	0.00	99.41
123.0-124.0	0.1	0.0	140.2	0.01	99.42
124.0-125.0	0.1	0.0	140.2	0.01	99.42
125.0-126.0	0.1	0.0	140.2	0.01	99.43
126.0-127.0	0.1	0.0	140.2	0.01	99.44
127.0-128.0	0.1	0.0	140.2	0.01	99.45
128.0-129.0	0.1	0.0	140.3	0.01	99.45
129.0-130.0	0.1	0.0	140.3	0.01	99.46
130.0-131.0	0.2	0.0	140.3	0.01	99.47
131.0-132.0	0.2	0.0	140.3	0.01	99.48
132.0-133.0	0.2	0.0	140.3	0.01	99.49
133.0-134.0	0.2	0.0	140.3	0.01	99.50
134.0-135.0	0.2	0.0	140.3	0.01	99.51
135.0-136.0	0.2	0.0	140.4	0.01	99.52
136.0-137.0	0.2	0.0	140.4	0.01	99.53
137.0-138.0	0.2	0.0	140.4	0.01	99.55
138.0-139.0	0.2	0.0	140.4	0.01	99.56
139.0-140.0	0.3	0.0	140.4	0.01	99.57
140.0-141.0	0.3	0.0	140.4	0.01	99.58
141.0-142.0	0.3	0.0	140.5	0.01	99.60
142.0-143.0	0.3	0.0	140.5	0.01	99.61
143.0-144.0	0.3	0.0	140.5	0.01	99.63

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.3	0.0	140.5	0.01	99.64
145.0-146.0	0.3	0.0	140.5	0.01	99.65
146.0-147.0	0.3	0.0	140.6	0.01	99.67
147.0-148.0	0.3	0.0	140.6	0.01	99.68
148.0-149.0	0.4	0.0	140.6	0.01	99.70
149.0-150.0	0.4	0.0	140.6	0.01	99.71
150.0-151.0	0.4	0.0	140.6	0.01	99.73
151.0-152.0	0.4	0.0	140.7	0.01	99.74
152.0-153.0	0.4	0.0	140.7	0.01	99.75
153.0-154.0	0.4	0.0	140.7	0.01	99.77
154.0-155.0	0.4	0.0	140.7	0.01	99.78
155.0-156.0	0.4	0.0	140.7	0.01	99.80
156.0-157.0	0.5	0.0	140.8	0.01	99.81
157.0-158.0	0.5	0.0	140.8	0.01	99.83
158.0-159.0	0.5	0.0	140.8	0.01	99.84
159.0-160.0	0.5	0.0	140.8	0.01	99.85
160.0-161.0	0.5	0.0	140.8	0.01	99.87
161.0-162.0	0.5	0.0	140.9	0.01	99.88
162.0-163.0	0.5	0.0	140.9	0.01	99.89
163.0-164.0	0.5	0.0	140.9	0.01	99.90
164.0-165.0	0.5	0.0	140.9	0.01	99.91
165.0-166.0	0.5	0.0	140.9	0.01	99.92
166.0-167.0	0.6	0.0	140.9	0.01	99.93
167.0-168.0	0.6	0.0	140.9	0.01	99.94
168.0-169.0	0.6	0.0	141.0	0.01	99.95
169.0-170.0	0.6	0.0	141.0	0.01	99.96
170.0-171.0	0.6	0.0	141.0	0.01	99.97
171.0-172.0	0.6	0.0	141.0	0.01	99.97
172.0-173.0	0.6	0.0	141.0	0.01	99.98
173.0-174.0	0.6	0.0	141.0	0.01	99.99
174.0-175.0	0.6	0.0	141.0	0.00	99.99
175.0-176.0	0.6	0.0	141.0	0.00	99.99
176.0-177.0	0.6	0.0	141.0	0.00	100.00
177.0-178.0	0.6	0.0	141.0	0.00	100.00
178.0-179.0	0.6	0.0	141.0	0.00	100.00
179.0-180.0	0.6	0.0	141.0	0.00	100.00

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 28
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.994 m
Humidity: 58
Inspector: