

Report No.: 大炮

Test Time: 2023/3/23 09:54

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: LDK24°

Luminous Length (mm): 270

Luminous Height (mm): 20

Current: 0.152 A

Power Factor: 0.976

Lamp Description: 3000K

Luminous Width (mm): 70

Voltage: 219.2 V

Power: 32.57 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3042.2 lm

Downward Ratio: 96%

Horizontal Diffuse Angle(10%,50%): H51.1,H25.5

Vertical Diffuse Angle(10%,50%): V51.4,V25.6

Luminaire Efficacy Rating (LER): 93

Max. Intensity: 10161.62 cd

Total Rated Lamp Lumens: 3042.2 lm

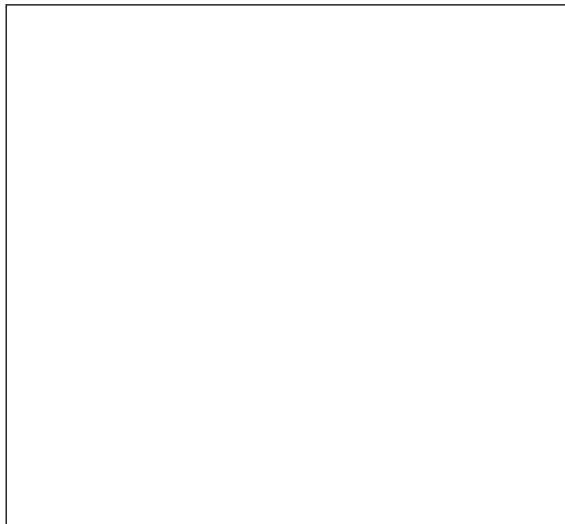
Efficiency: 100%

Upward Ratio: 4%

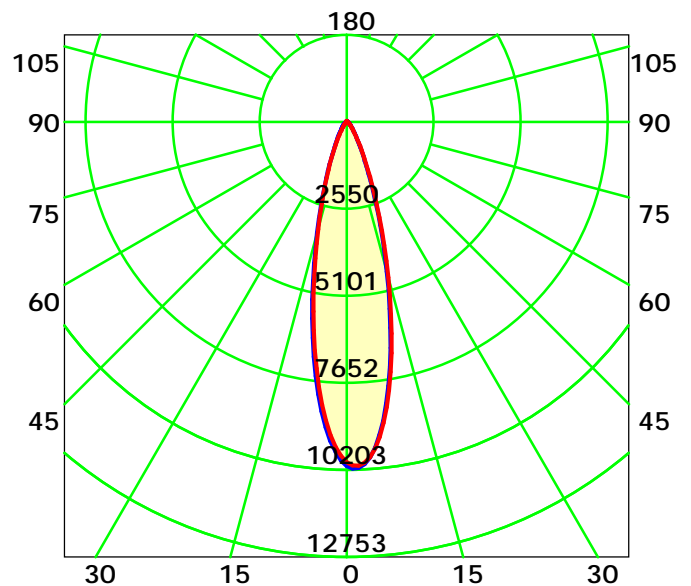
Central Intensity: 10083.77 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 25.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

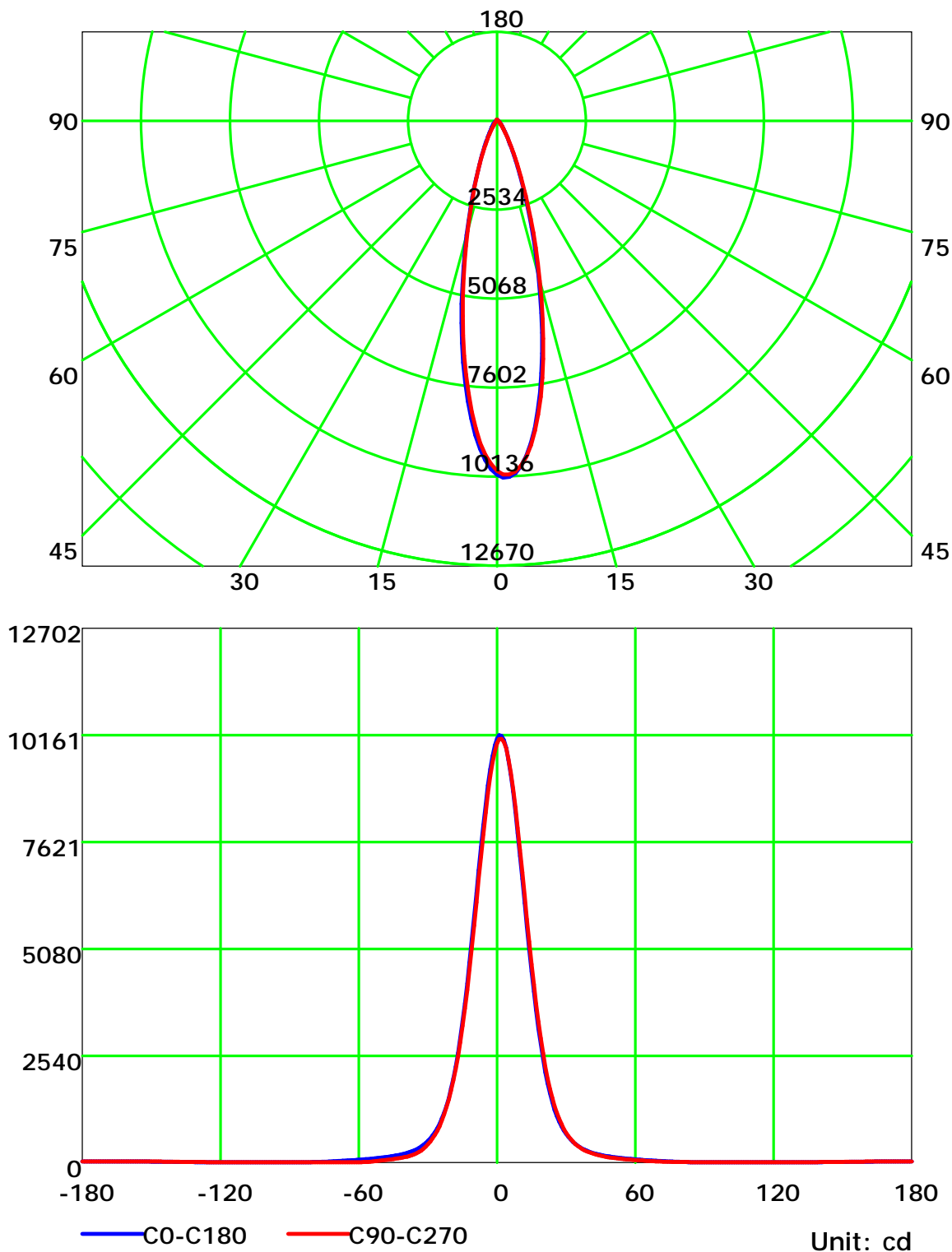
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

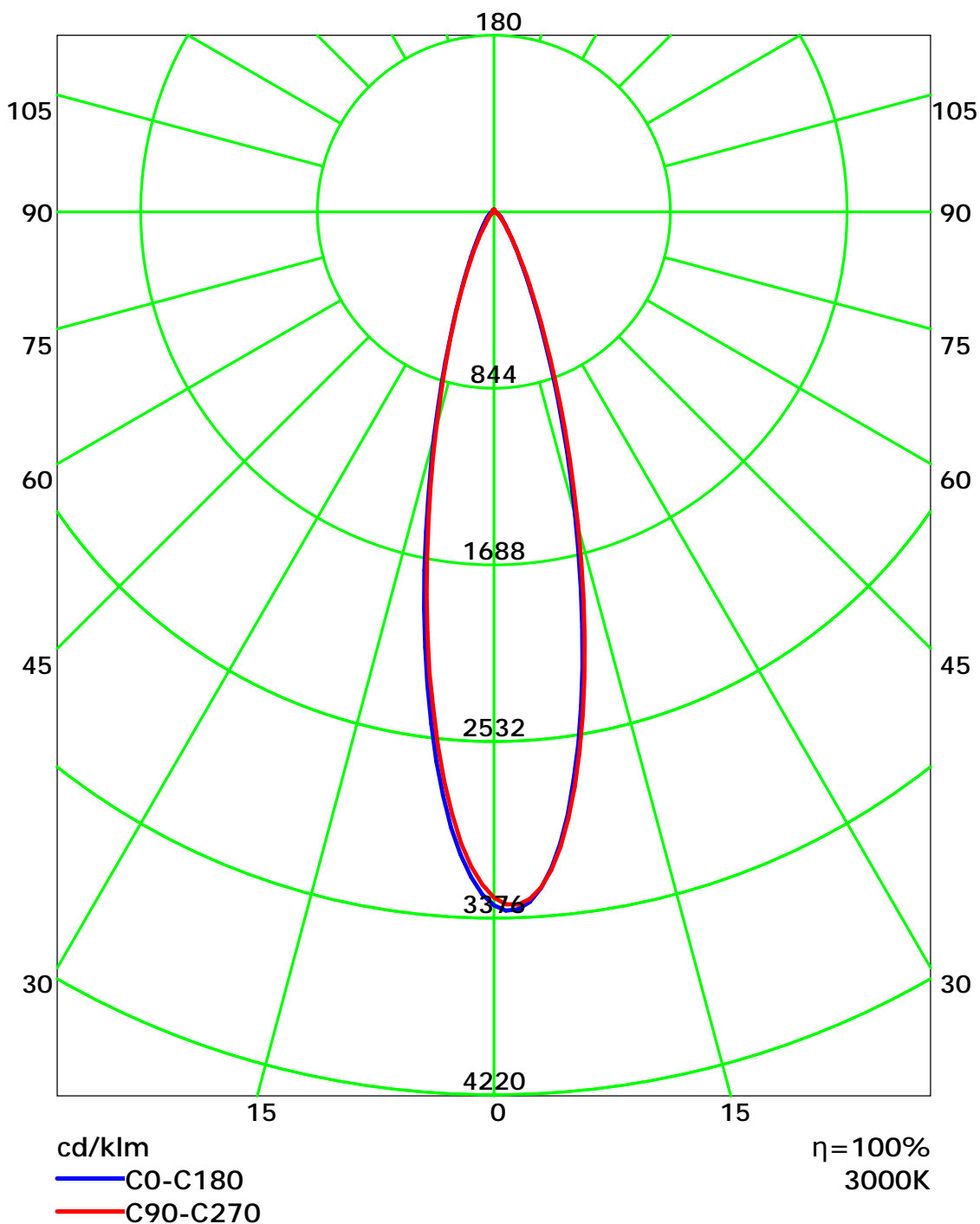
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

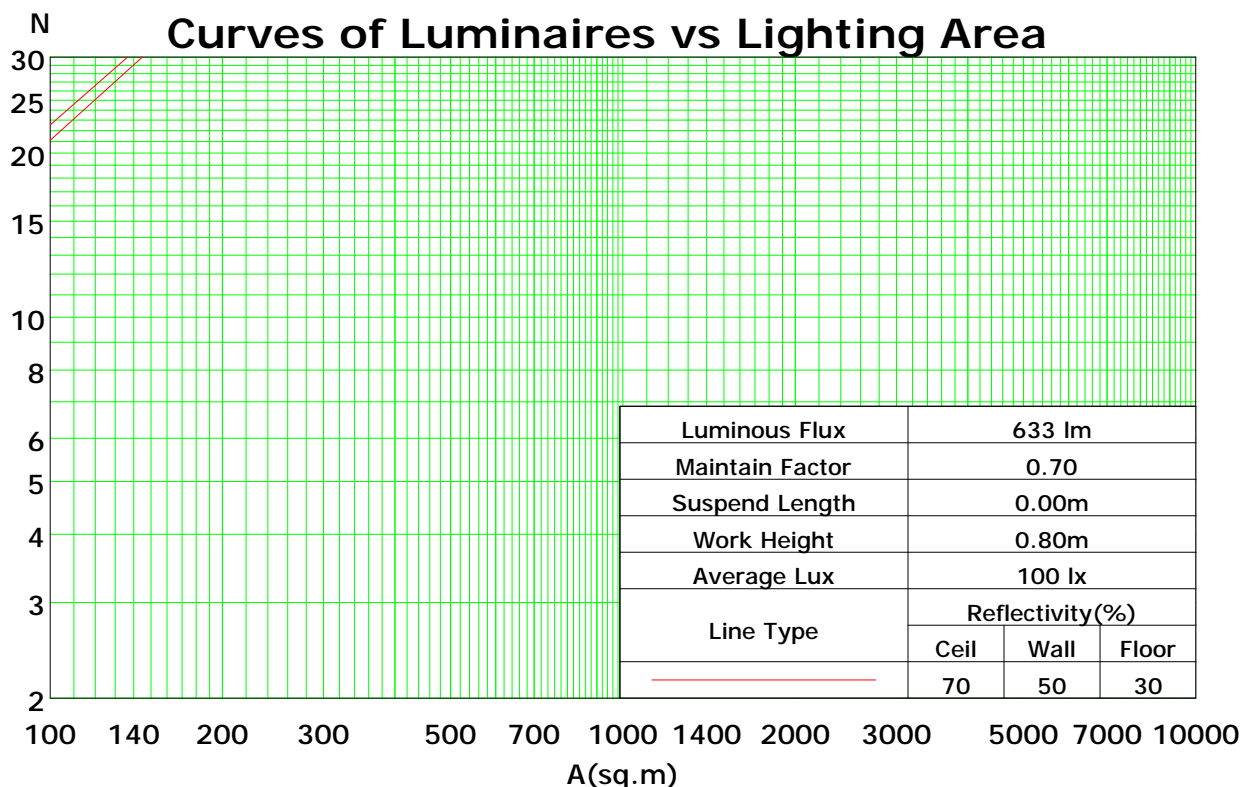
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	113	110	108	105	110	107	105	103	103	101	99	98	97	96	94	93	92	90
2	108	103	99	96	105	101	98	95	97	95	92	94	92	90	90	89	87	85
3	103	97	93	89	101	96	91	88	92	89	86	89	87	84	87	85	83	81
4	99	92	87	83	97	91	86	83	88	84	81	86	82	80	83	81	79	77
5	95	87	82	79	93	86	82	78	84	80	77	82	79	76	80	77	75	74
6	91	83	78	74	90	82	78	74	81	76	73	79	75	73	77	74	72	70
7	88	80	75	71	86	79	74	71	77	73	70	76	72	69	75	71	69	68
8	85	77	71	68	83	76	71	68	75	70	67	73	69	67	72	69	66	65
9	82	74	69	65	81	73	68	65	72	68	65	71	67	64	70	66	64	63
10	79	71	66	63	78	70	66	63	69	65	62	68	65	62	68	64	62	61

Spacing Criteria (0-180): 0.43

Spacing Criteria (90-270): 0.43

Spacing Criteria (Diagonal): 0.45



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

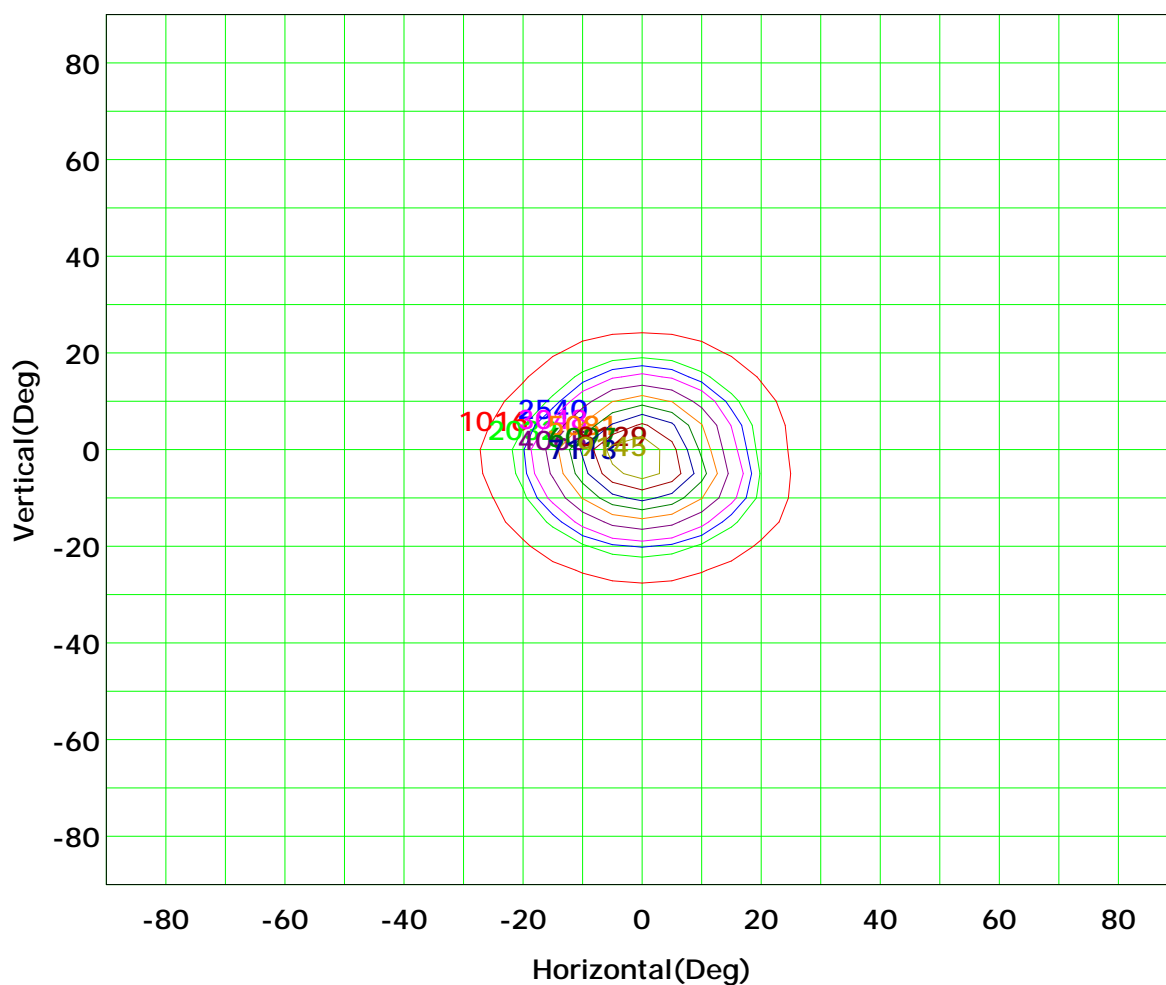
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



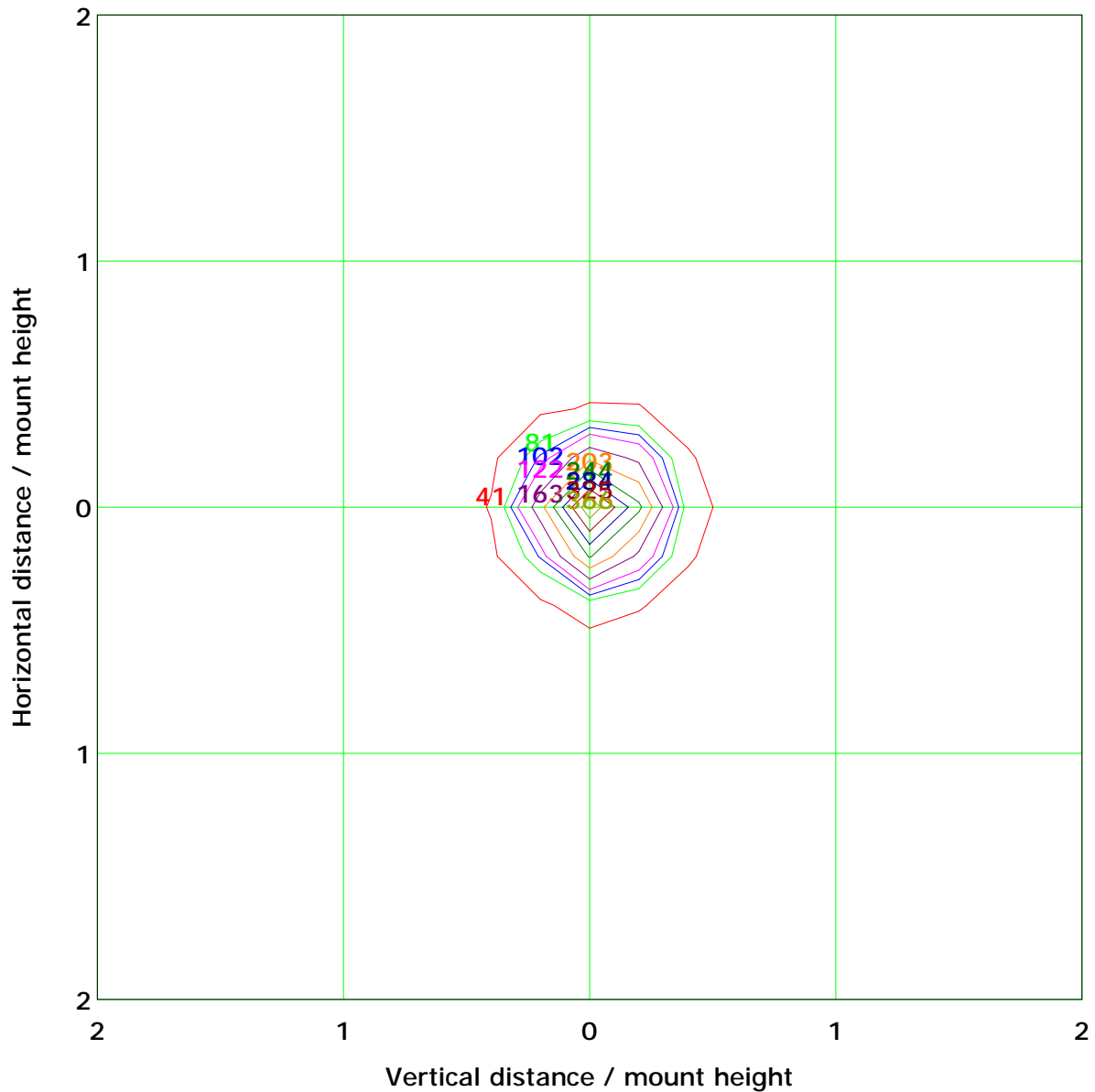
I_{max} (100%): 10162 cd

(10%): 1016 cd	(20%): 2032 cd
(25%): 2540 cd	(30%): 3048 cd
(40%): 4065 cd	(50%): 5081 cd
(60%): 6097 cd	(70%): 7113 cd
(80%): 8129 cd	(90%): 9145 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m		Max Lux(100%): 406.3 lx
(10%): 40.6 lx	(20%): 81.3 lx	
(25%): 101.6 lx	(30%): 121.9 lx	
(40%): 162.5 lx	(50%): 203.1 lx	
(60%): 243.8 lx	(70%): 284.4 lx	
(80%): 325.0 lx	(90%): 365.7 lx	

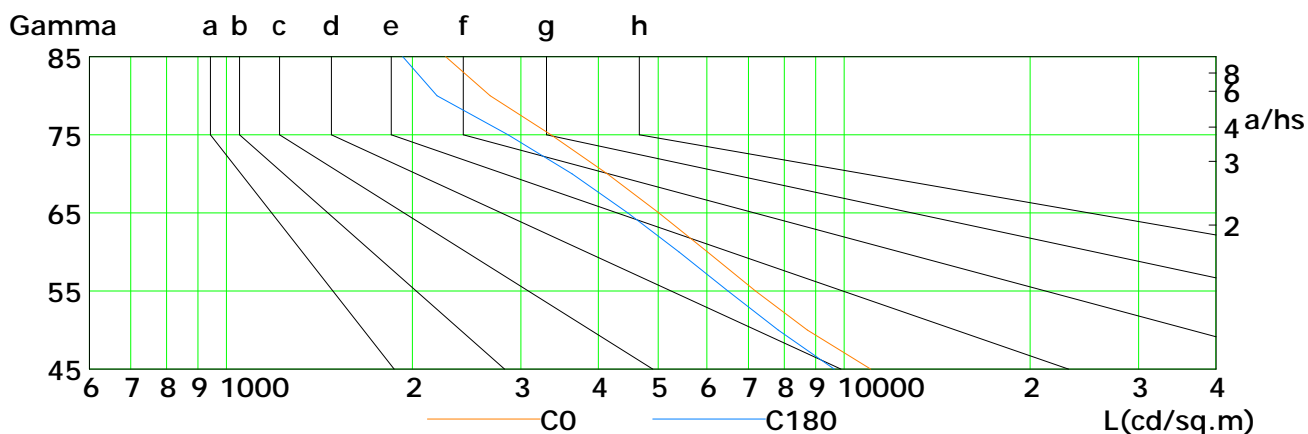
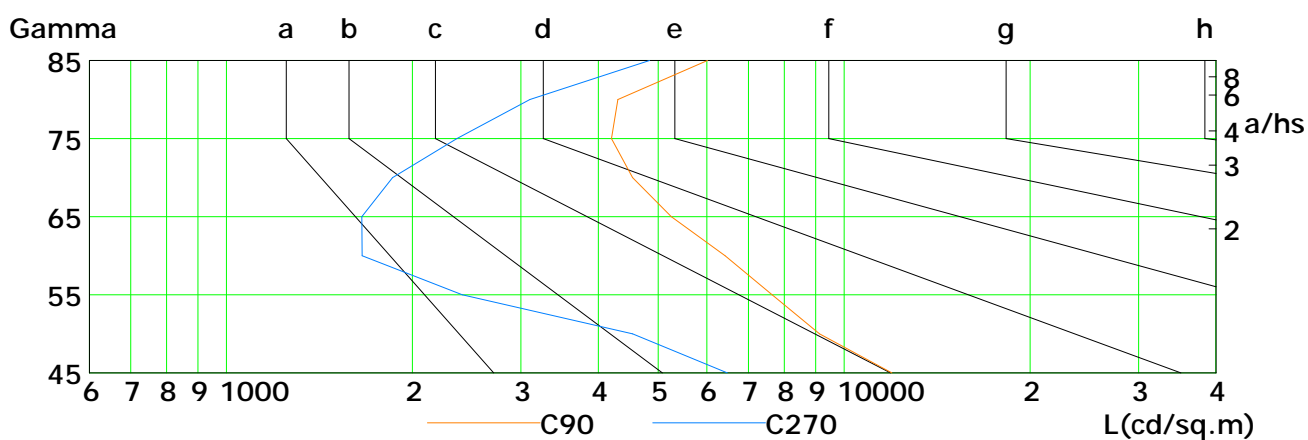
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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

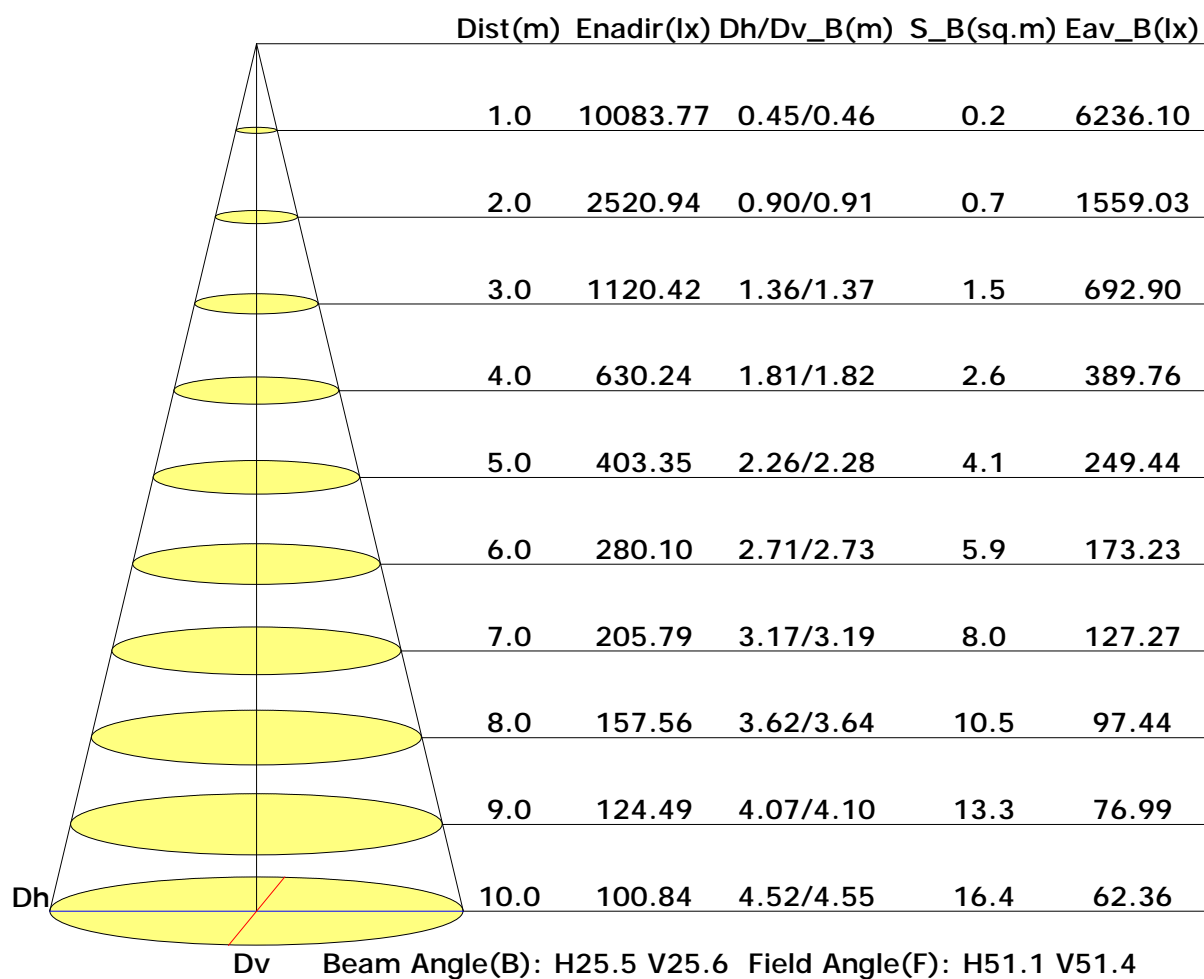


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11051	8727	7186	6011	5013	4140	3355	2674	2266
C90	11955	9122	7650	6416	5256	4548	4202	4302	6009
C180	9644	7822	6490	5406	4464	3629	2859	2194	1930
C270	6471	4550	2411	1659	1656	1857	2361	3100	4846

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Illuminance at a Distance

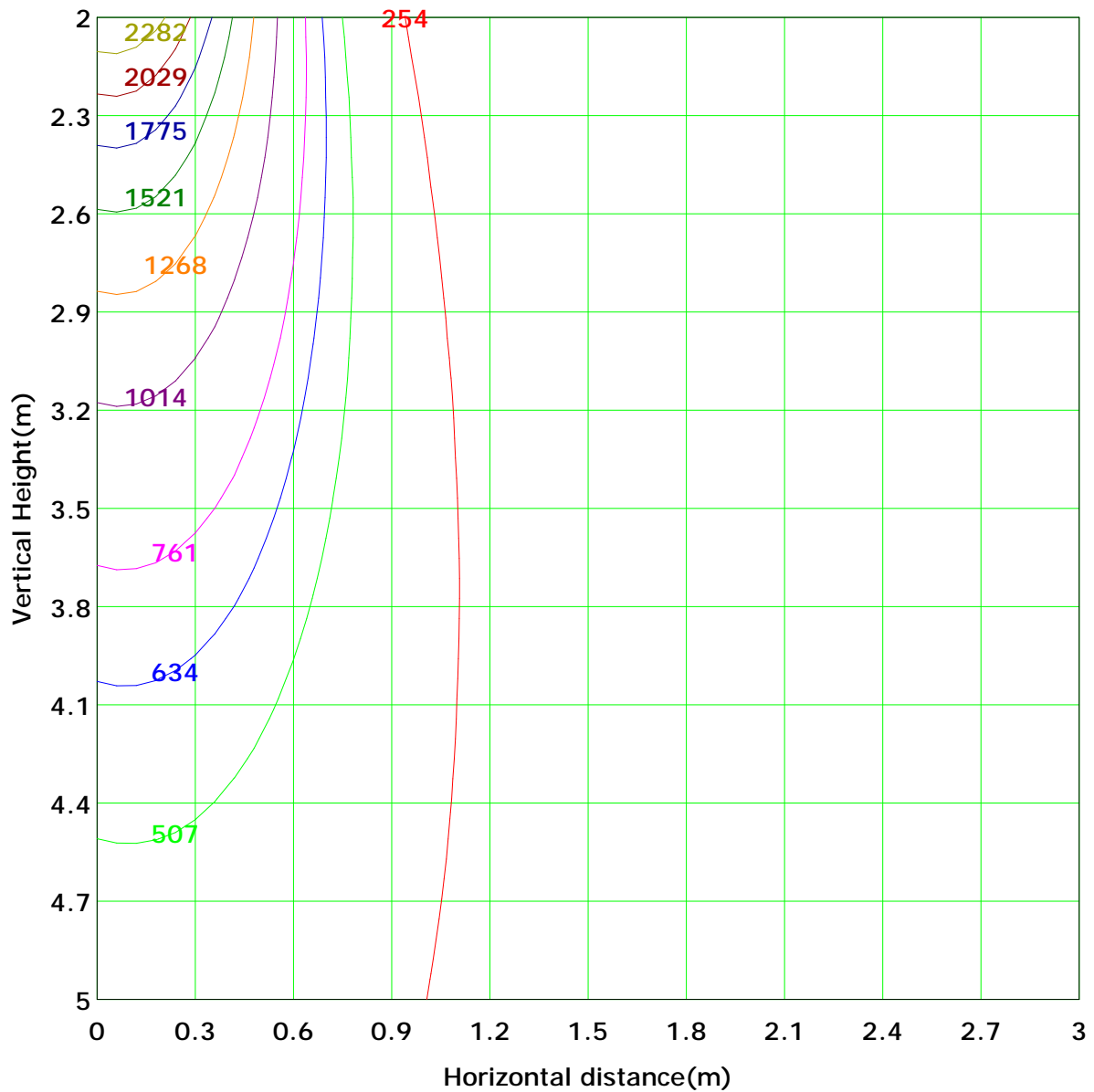


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 2535.6 lx
(10%): 253.6 lx	(20%): 507.1 lx	
(25%): 633.9 lx	(30%): 760.7 lx	
(40%): 1014.3 lx	(50%): 1267.8 lx	
(60%): 1521.4 lx	(70%): 1774.9 lx	
(80%): 2028.5 lx	(90%): 2282.1 lx	

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

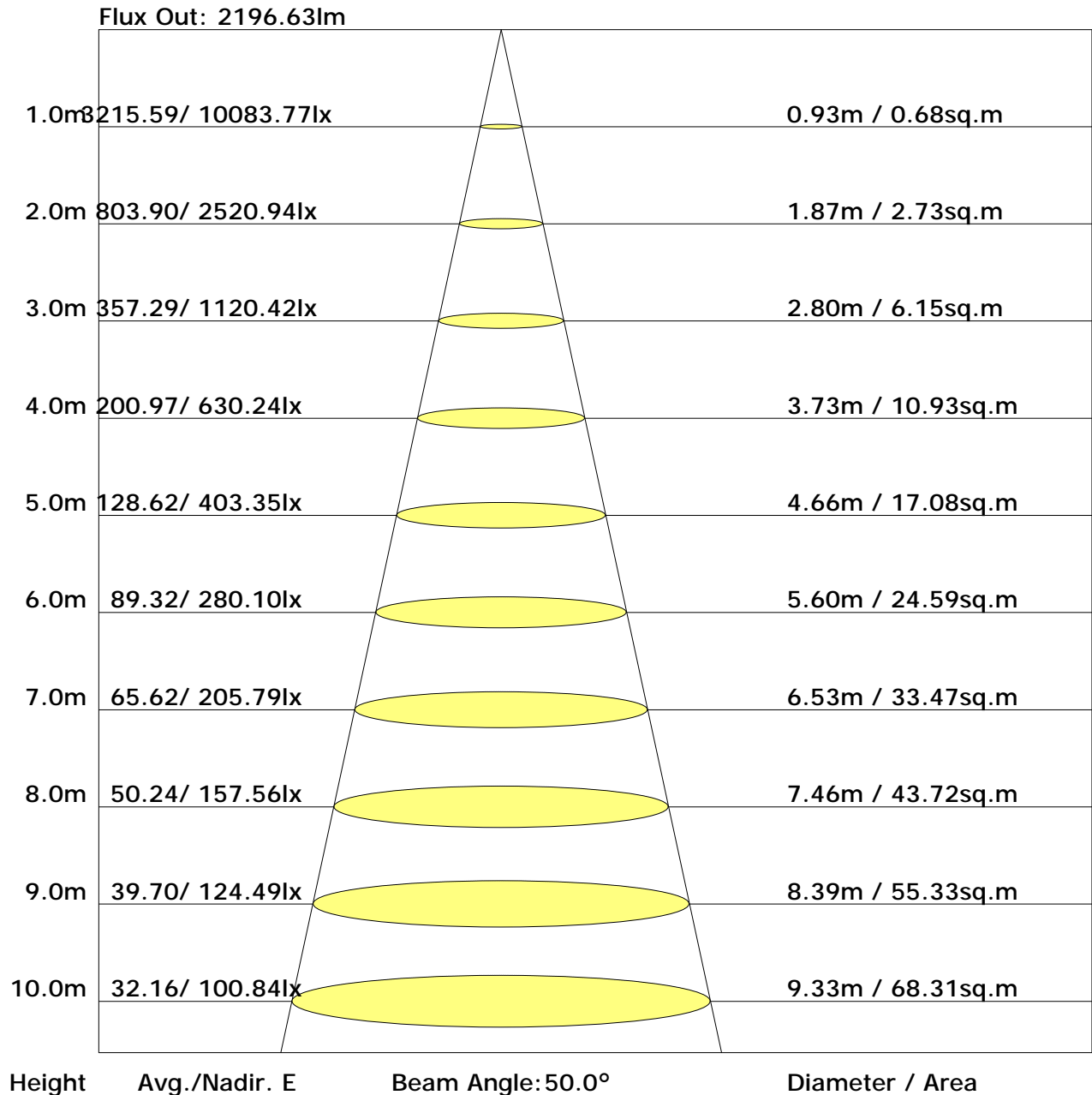
Flux(E)	Vertical plane																	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	3.1
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	8.1
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	17.0
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	31.4
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	59.7
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	139.6
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	783.7
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	793.9
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	9413.7
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	151.3
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	63.5
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	32.5
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	17.5
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	8.7
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	3.4
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2918
0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2232

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	9.4	10.3	9.8	10.7	11.2	8.4	9.4	8.8	9.8	10.2
3H	10.7	11.6	11.2	12.0	12.5	9.3	10.2	9.8	10.6	11.1
4H	11.3	12.1	11.7	12.5	13.0	9.7	10.5	10.2	10.9	11.4
6H	11.7	12.4	12.2	12.9	13.4	10.0	10.7	10.5	11.2	11.7
8H	11.9	12.6	12.4	13.0	13.5	10.1	10.8	10.7	11.3	11.8
12H	12.1	12.7	12.6	13.2	13.7	10.3	11.0	10.8	11.4	12.0
X=4H Y=2H	9.4	10.2	9.9	10.7	11.2	8.9	9.7	9.4	10.1	10.6
3H	11.0	11.6	11.5	12.1	12.6	10.0	10.7	10.5	11.1	11.6
4H	11.6	12.2	12.1	12.7	13.2	10.4	11.0	11.0	11.5	12.1
6H	12.2	12.7	12.7	13.2	13.8	10.9	11.4	11.4	11.9	12.5
8H	12.4	12.9	13.0	13.4	14.0	11.1	11.5	11.6	12.1	12.6
12H	12.7	13.1	13.3	13.7	14.2	11.3	11.7	11.9	12.3	12.8
X=8H Y=4H	11.6	12.1	12.2	12.6	13.2	10.7	11.2	11.2	11.7	12.3
6H	12.3	12.7	12.9	13.2	13.8	11.2	11.6	11.8	12.2	12.8
8H	12.6	13.0	13.2	13.6	14.2	11.5	11.9	12.1	12.5	13.1
12H	13.1	13.3	13.6	13.9	14.6	11.9	12.2	12.5	12.8	13.5
X=12H Y=4H	11.6	12.0	12.1	12.6	13.1	10.7	11.1	11.3	11.7	12.3
6H	12.3	12.6	12.9	13.2	13.8	11.3	11.6	11.9	12.2	12.8
8H	12.7	13.0	13.3	13.6	14.2	11.7	12.0	12.3	12.5	13.2

Calculate in accordance with CIE 190:2010

 C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

 Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50								
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	0.85	0.91	0.95	0.98	1.02	1.05	1.07	1.09	1.11
	0.30		0.81	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.09
	0.20		0.77	0.83	0.88	0.91	0.96	0.99	1.02	1.05	1.07
0.50	0.50	0.20	0.84	0.89	0.93	0.95	0.99	1.01	1.03	1.05	1.06
	0.30		0.79	0.85	0.89	0.92	0.96	0.99	1.00	1.03	1.04
	0.20		0.76	0.82	0.86	0.89	0.94	0.96	0.98	1.01	1.03
0.30	0.50	0.20	0.82	0.87	0.90	0.93	0.96	0.98	0.99	1.00	1.02
	0.30		0.78	0.84	0.87	0.90	0.93	0.96	0.97	0.99	1.00
	0.20		0.76	0.81	0.85	0.88	0.91	0.94	0.95	0.98	0.99
0.00	0.00	0.00	0.74	0.79	0.82	0.84	0.88	0.89	0.91	0.92	0.94
Rating: 33W 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 = 0.50								
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	0.58	0.48	0.40	0.35	0.28	0.23	0.20	0.15	0.12
	0.30		0.49	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.12
	0.20		0.42	0.36	0.31	0.28	0.23	0.20	0.17	0.14	0.11
0.50	0.50	0.20	0.55	0.44	0.37	0.32	0.25	0.25	0.18	0.14	0.11
	0.30		0.46	0.38	0.33	0.29	0.23	0.19	0.17	0.13	0.11
	0.20		0.40	0.34	0.30	0.26	0.21	0.18	0.16	0.13	0.10
0.30	0.50	0.20	0.52	0.41	0.35	0.30	0.23	0.19	0.16	0.13	0.10
	0.30		0.44	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10
	0.20		0.39	0.32	0.28	0.25	0.20	0.17	0.14	0.11	0.09
0.00	0.00	0.00	0.24	0.19	0.16	0.14	0.11	0.09	0.08	0.06	0.05
Rating: 33W 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 = 0.50								
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	0.17	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.25
	0.30		0.13	0.15	0.16	0.17	0.19	0.21	0.21	0.23	0.24
	0.20		0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.21	0.22
0.50	0.50	0.20	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24
	0.30		0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	0.20		0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.21	0.21
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.23
	0.30		0.12	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.10	0.12	0.13	0.14	0.16	0.18	0.19	0.20	0.21
0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Rating: 33W 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	9974.4	9.5	9.5	0.31	0.31
1.0-2.0	9889.5	28.4	37.9	0.93	1.25
2.0-3.0	9721.9	46.5	84.4	1.53	2.78
3.0-4.0	9474.7	63.4	147.9	2.09	4.86
4.0-5.0	9153.8	78.8	226.6	2.59	7.45
5.0-6.0	8767.0	92.1	318.8	3.03	10.48
6.0-7.0	8329.4	103.4	422.2	3.40	13.88
7.0-8.0	7851.9	112.4	534.6	3.69	17.57
8.0-9.0	7338.3	118.9	653.5	3.91	21.48
9.0-10.0	6805.3	123.2	776.7	4.05	25.53
10.0-11.0	6267.3	125.2	901.9	4.12	29.65
11.0-12.0	5725.5	125.2	1027.1	4.11	33.76
12.0-13.0	5195.0	123.3	1150.4	4.05	37.81
13.0-14.0	4689.1	120.0	1270.4	3.95	41.76
14.0-15.0	4205.7	115.5	1385.9	3.80	45.56
15.0-16.0	3750.6	109.9	1495.8	3.61	49.17
16.0-17.0	3334.4	103.9	1599.7	3.41	52.58
17.0-18.0	2949.4	97.3	1696.9	3.20	55.78
18.0-19.0	2598.8	90.4	1787.4	2.97	58.75
19.0-20.0	2286.8	83.7	1871.1	2.75	61.50
20.0-21.0	2005.3	77.0	1948.1	2.53	64.04
21.0-22.0	1758.2	70.7	2018.8	2.32	66.36
22.0-23.0	1541.9	64.7	2083.5	2.13	68.49
23.0-24.0	1353.0	59.2	2142.6	1.94	70.43
24.0-25.0	1187.5	54.0	2196.6	1.78	72.21
25.0-26.0	1044.4	49.3	2245.9	1.62	73.83
26.0-27.0	921.4	45.1	2291.0	1.48	75.31
27.0-28.0	813.2	41.2	2332.2	1.35	76.66
28.0-29.0	719.7	37.7	2369.9	1.24	77.90
29.0-30.0	639.1	34.5	2404.4	1.13	79.03
30.0-31.0	568.9	31.7	2436.0	1.04	80.07
31.0-32.0	508.2	29.1	2465.1	0.96	81.03
32.0-33.0	456.0	26.9	2492.0	0.88	81.91
33.0-34.0	409.9	24.8	2516.8	0.82	82.73
34.0-35.0	369.3	22.9	2539.8	0.75	83.48
35.0-36.0	333.8	21.3	2561.0	0.70	84.18

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	302.7	19.7	2580.8	0.65	84.83
37.0-38.0	275.9	18.4	2599.2	0.61	85.44
38.0-39.0	252.9	17.3	2616.4	0.57	86.01
39.0-40.0	232.7	16.2	2632.7	0.53	86.54
40.0-41.0	214.7	15.3	2648.0	0.50	87.04
41.0-42.0	198.9	14.5	2662.4	0.48	87.52
42.0-43.0	185.1	13.7	2676.1	0.45	87.97
43.0-44.0	172.5	13.0	2689.2	0.43	88.39
44.0-45.0	161.1	12.4	2701.5	0.41	88.80
45.0-46.0	150.8	11.8	2713.3	0.39	89.19
46.0-47.0	141.2	11.2	2724.6	0.37	89.56
47.0-48.0	132.4	10.7	2735.3	0.35	89.91
48.0-49.0	124.2	10.2	2745.5	0.34	90.25
49.0-50.0	116.4	9.7	2755.2	0.32	90.57
50.0-51.0	109.0	9.2	2764.4	0.30	90.87
51.0-52.0	102.1	8.8	2773.2	0.29	91.16
52.0-53.0	95.7	8.3	2781.5	0.27	91.43
53.0-54.0	89.8	7.9	2789.4	0.26	91.69
54.0-55.0	84.4	7.5	2796.9	0.25	91.94
55.0-56.0	79.3	7.2	2804.1	0.24	92.17
56.0-57.0	74.4	6.8	2810.9	0.22	92.40
57.0-58.0	69.9	6.5	2817.4	0.21	92.61
58.0-59.0	65.8	6.2	2823.5	0.20	92.81
59.0-60.0	62.2	5.9	2829.4	0.19	93.01
60.0-61.0	58.8	5.6	2835.0	0.18	93.19
61.0-62.0	55.5	5.4	2840.4	0.18	93.37
62.0-63.0	52.6	5.1	2845.5	0.17	93.53
63.0-64.0	49.6	4.9	2850.4	0.16	93.69
64.0-65.0	46.6	4.6	2855.0	0.15	93.85
65.0-66.0	43.8	4.4	2859.3	0.14	93.99
66.0-67.0	41.2	4.1	2863.5	0.14	94.12
67.0-68.0	38.7	3.9	2867.4	0.13	94.25
68.0-69.0	36.3	3.7	2871.1	0.12	94.38
69.0-70.0	34.0	3.5	2874.6	0.11	94.49
70.0-71.0	32.0	3.3	2877.9	0.11	94.60
71.0-72.0	30.2	3.1	2881.0	0.10	94.70

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	28.6	3.0	2884.0	0.10	94.80
73.0-74.0	27.1	2.8	2886.9	0.09	94.89
74.0-75.0	25.7	2.7	2889.6	0.09	94.98
75.0-76.0	24.3	2.6	2892.2	0.08	95.07
76.0-77.0	22.9	2.4	2894.6	0.08	95.15
77.0-78.0	21.5	2.3	2896.9	0.08	95.22
78.0-79.0	20.3	2.2	2899.1	0.07	95.30
79.0-80.0	19.3	2.1	2901.2	0.07	95.36
80.0-81.0	18.6	2.0	2903.2	0.07	95.43
81.0-82.0	17.9	1.9	2905.1	0.06	95.49
82.0-83.0	17.4	1.9	2907.0	0.06	95.56
83.0-84.0	16.9	1.8	2908.9	0.06	95.62
84.0-85.0	16.5	1.8	2910.7	0.06	95.68
85.0-86.0	16.2	1.8	2912.4	0.06	95.73
86.0-87.0	15.9	1.7	2914.2	0.06	95.79
87.0-88.0	15.7	1.7	2915.9	0.06	95.85
88.0-89.0	15.6	1.7	2917.6	0.06	95.90
89.0-90.0	15.5	1.7	2919.3	0.06	95.96
90.0-91.0	15.4	1.7	2921.0	0.06	96.02
91.0-92.0	15.4	1.7	2922.7	0.06	96.07
92.0-93.0	15.4	1.7	2924.4	0.06	96.13
93.0-94.0	15.3	1.7	2926.1	0.06	96.18
94.0-95.0	15.3	1.7	2927.7	0.06	96.24
95.0-96.0	15.3	1.7	2929.4	0.06	96.29
96.0-97.0	15.3	1.7	2931.1	0.05	96.35
97.0-98.0	15.3	1.7	2932.7	0.05	96.40
98.0-99.0	15.3	1.7	2934.4	0.05	96.46
99.0-100.0	15.3	1.7	2936.0	0.05	96.51
100.0-101.0	15.2	1.6	2937.7	0.05	96.56
101.0-102.0	15.2	1.6	2939.3	0.05	96.62
102.0-103.0	15.2	1.6	2940.9	0.05	96.67
103.0-104.0	15.2	1.6	2942.6	0.05	96.72
104.0-105.0	15.2	1.6	2944.2	0.05	96.78
105.0-106.0	15.2	1.6	2945.8	0.05	96.83
106.0-107.0	15.2	1.6	2947.4	0.05	96.88
107.0-108.0	15.3	1.6	2949.0	0.05	96.94

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	15.3	1.6	2950.6	0.05	96.99
109.0-110.0	15.3	1.6	2952.2	0.05	97.04
110.0-111.0	15.3	1.6	2953.7	0.05	97.09
111.0-112.0	15.4	1.6	2955.3	0.05	97.14
112.0-113.0	15.5	1.6	2956.9	0.05	97.20
113.0-114.0	15.5	1.6	2958.4	0.05	97.25
114.0-115.0	15.6	1.6	2960.0	0.05	97.30
115.0-116.0	15.7	1.6	2961.5	0.05	97.35
116.0-117.0	15.7	1.5	2963.1	0.05	97.40
117.0-118.0	15.8	1.5	2964.6	0.05	97.45
118.0-119.0	15.9	1.5	2966.2	0.05	97.50
119.0-120.0	16.0	1.5	2967.7	0.05	97.55
120.0-121.0	16.2	1.5	2969.2	0.05	97.60
121.0-122.0	16.3	1.5	2970.7	0.05	97.65
122.0-123.0	16.4	1.5	2972.3	0.05	97.70
123.0-124.0	16.6	1.5	2973.8	0.05	97.75
124.0-125.0	16.8	1.5	2975.3	0.05	97.80
125.0-126.0	17.0	1.5	2976.8	0.05	97.85
126.0-127.0	17.2	1.5	2978.3	0.05	97.90
127.0-128.0	17.5	1.5	2979.8	0.05	97.95
128.0-129.0	17.7	1.5	2981.4	0.05	98.00
129.0-130.0	18.0	1.5	2982.9	0.05	98.05
130.0-131.0	18.3	1.5	2984.4	0.05	98.10
131.0-132.0	18.7	1.5	2985.9	0.05	98.15
132.0-133.0	19.1	1.5	2987.5	0.05	98.20
133.0-134.0	19.5	1.6	2989.0	0.05	98.25
134.0-135.0	19.9	1.6	2990.6	0.05	98.30
135.0-136.0	20.3	1.6	2992.2	0.05	98.35
136.0-137.0	20.8	1.6	2993.7	0.05	98.41
137.0-138.0	21.3	1.6	2995.3	0.05	98.46
138.0-139.0	21.9	1.6	2996.9	0.05	98.51
139.0-140.0	22.5	1.6	2998.5	0.05	98.56
140.0-141.0	23.0	1.6	3000.1	0.05	98.62
141.0-142.0	23.6	1.6	3001.7	0.05	98.67
142.0-143.0	24.2	1.6	3003.3	0.05	98.72
143.0-144.0	24.8	1.6	3004.9	0.05	98.78

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	25.4	1.6	3006.6	0.05	98.83
145.0-146.0	26.0	1.6	3008.2	0.05	98.88
146.0-147.0	26.7	1.6	3009.8	0.05	98.93
147.0-148.0	27.3	1.6	3011.4	0.05	98.99
148.0-149.0	27.9	1.6	3013.0	0.05	99.04
149.0-150.0	28.5	1.6	3014.6	0.05	99.09
150.0-151.0	29.1	1.6	3016.1	0.05	99.14
151.0-152.0	29.6	1.6	3017.7	0.05	99.19
152.0-153.0	30.2	1.5	3019.2	0.05	99.24
153.0-154.0	30.8	1.5	3020.7	0.05	99.29
154.0-155.0	31.3	1.5	3022.2	0.05	99.34
155.0-156.0	31.7	1.4	3023.7	0.05	99.39
156.0-157.0	32.3	1.4	3025.1	0.05	99.44
157.0-158.0	32.7	1.4	3026.4	0.05	99.48
158.0-159.0	33.1	1.3	3027.8	0.04	99.53
159.0-160.0	33.5	1.3	3029.1	0.04	99.57
160.0-161.0	33.8	1.2	3030.3	0.04	99.61
161.0-162.0	34.1	1.2	3031.5	0.04	99.65
162.0-163.0	34.4	1.1	3032.6	0.04	99.68
163.0-164.0	34.6	1.1	3033.7	0.04	99.72
164.0-165.0	34.8	1.0	3034.7	0.03	99.75
165.0-166.0	34.9	1.0	3035.7	0.03	99.79
166.0-167.0	34.9	0.9	3036.6	0.03	99.81
167.0-168.0	35.0	0.8	3037.4	0.03	99.84
168.0-169.0	35.1	0.8	3038.2	0.03	99.87
169.0-170.0	35.1	0.7	3038.9	0.02	99.89
170.0-171.0	35.1	0.6	3039.5	0.02	99.91
171.0-172.0	35.0	0.6	3040.1	0.02	99.93
172.0-173.0	35.0	0.5	3040.6	0.02	99.95
173.0-174.0	35.0	0.4	3041.0	0.01	99.96
174.0-175.0	35.0	0.4	3041.4	0.01	99.97
175.0-176.0	34.9	0.3	3041.7	0.01	99.98
176.0-177.0	35.0	0.2	3041.9	0.01	99.99
177.0-178.0	35.0	0.2	3042.1	0.01	100.00
178.0-179.0	35.0	0.1	3042.2	0.00	100.00
179.0-180.0	35.0	0.0	3042.2	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector: