

Report No.: 大炮

Test Time: 2023/3/22 16:48

Luminaire Property

Luminaire Manufacturer:
Luminaire Category: LDK10x45°
Luminous Length (mm): 270
Luminous Height (mm): 20
Current: 0.151 A
Power Factor: 0.975

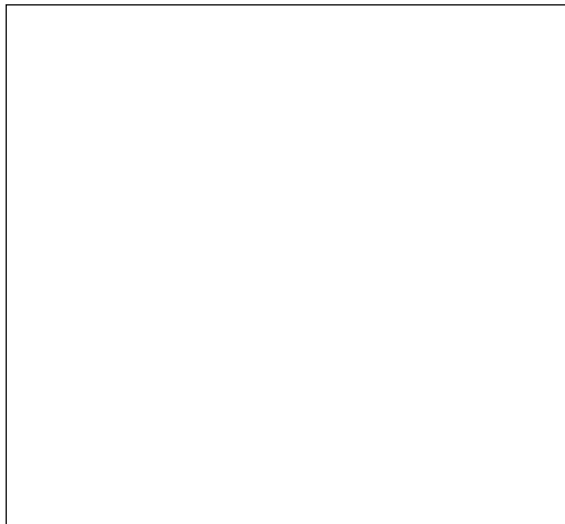
Lamp Description: 3000K
Luminous Width (mm): 70
Voltage: 219.0 V
Power: 32.24 W

Photometric Results

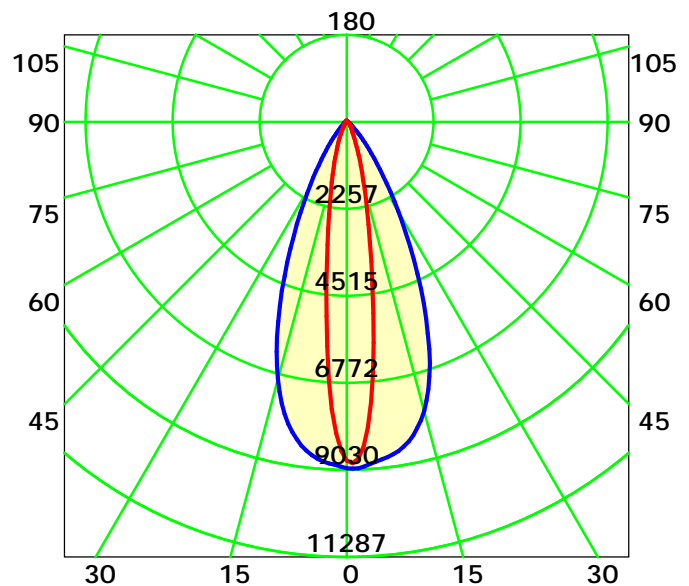
CIE Class: Direct
Measurement Flux: 2990.6 lm
Downward Ratio: 96%
Horizontal Diffuse Angle(10%,50%): H75.5,H46.2
Vertical Diffuse Angle(10%,50%): V39.1,V15.8
Luminaire Efficacy Rating (LER): 93
Max. Intensity: 8993.39 cd

Total Rated Lamp Lumens: 2990.6 lm
Efficiency: 100%
Upward Ratio: 4%
Central Intensity: 8982.19 cd
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



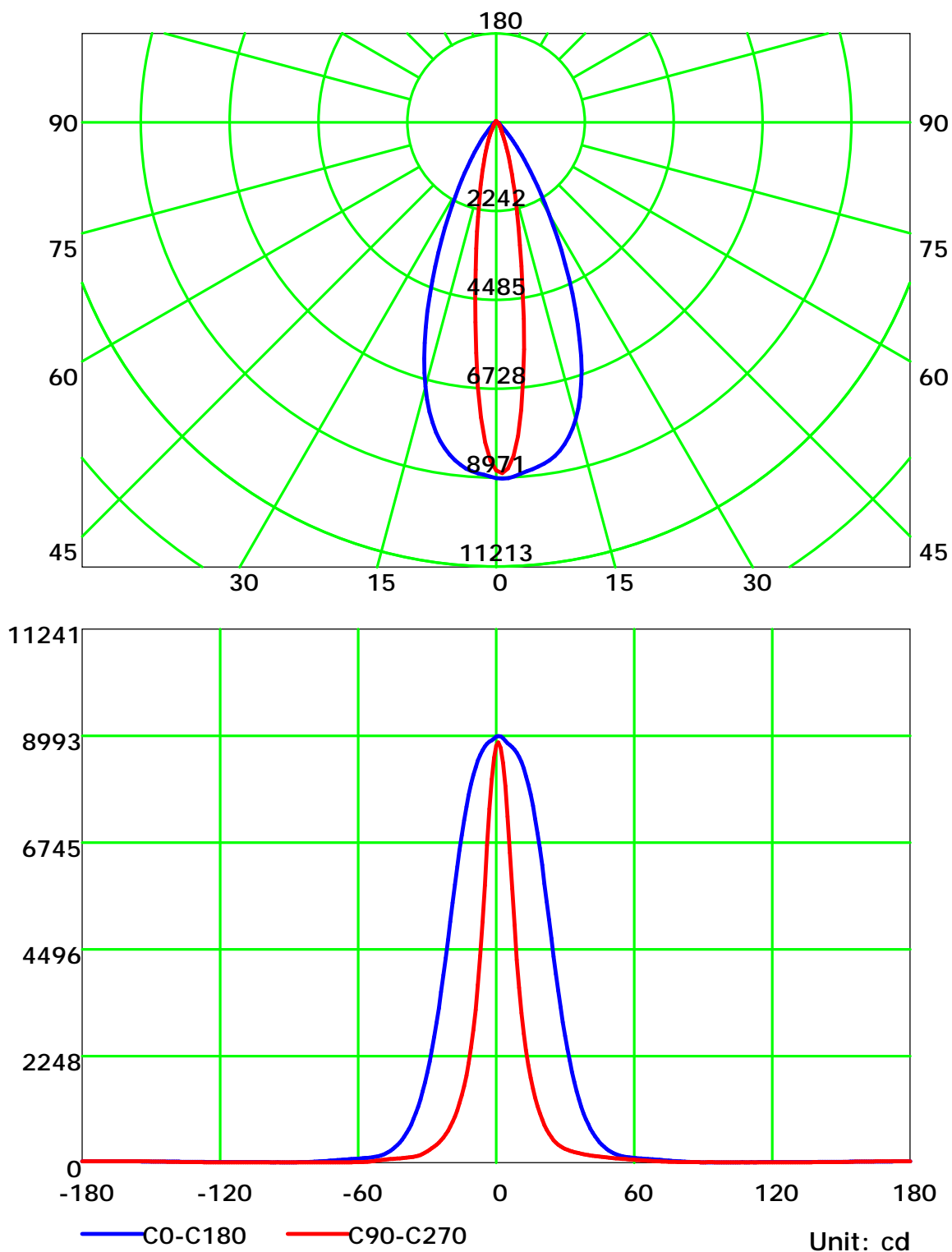
Average Diffuse Angle(50%): 31.0° Unit: cd

— 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:

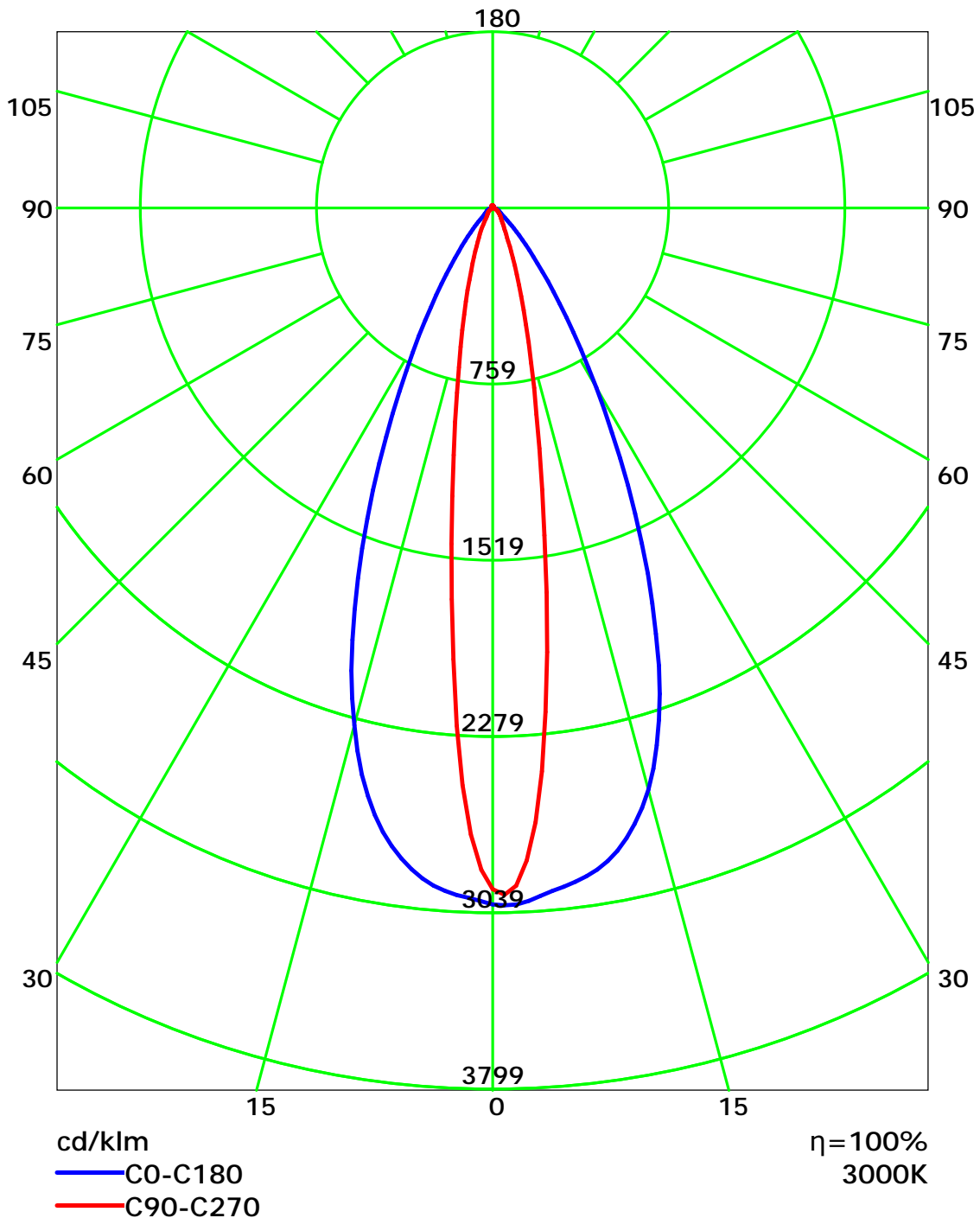
Luminous Intensity Distribution Curve



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:

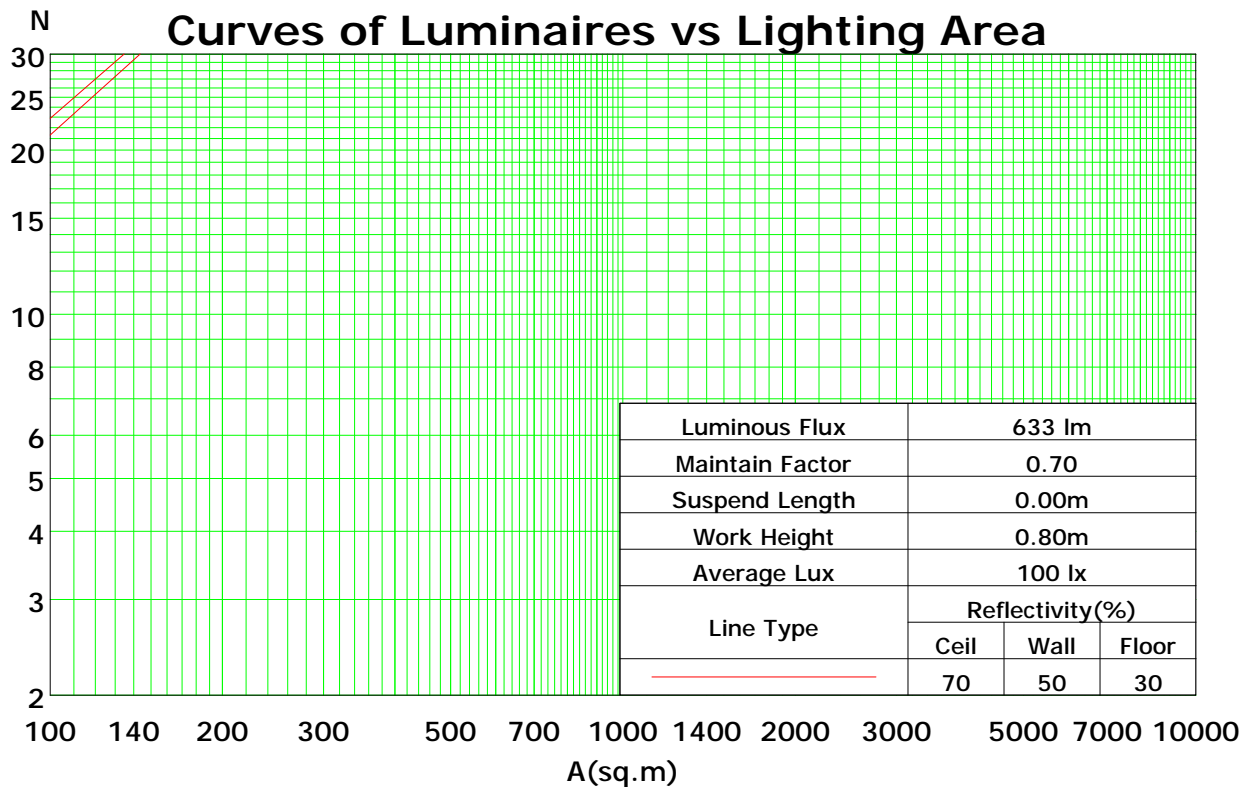
Coefficients Of Utilization - Zonal Cavity Method

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	112	110	107	105	109	107	105	103	102	100	99	98	96	95	94	93	92	90
2	107	102	98	95	104	100	97	94	96	93	91	93	90	88	89	87	86	84
3	102	96	91	87	100	94	90	86	91	87	84	88	85	83	85	83	81	79
4	97	90	85	81	95	89	84	80	86	82	79	84	80	78	81	79	76	75
5	93	85	80	76	91	84	79	75	82	78	74	80	76	73	78	75	72	71
6	89	81	76	72	88	80	75	71	78	74	70	76	73	70	75	71	69	67
7	86	77	72	68	84	76	71	68	75	70	67	73	69	66	72	68	66	64
8	82	74	68	65	81	73	68	64	72	67	64	70	66	63	69	65	63	61
9	79	71	65	62	78	70	65	61	69	64	61	68	64	61	67	63	60	59
10	76	68	62	59	75	67	62	59	66	62	59	65	61	58	64	60	58	57

Spacing Criteria (0-180): 0.75

Spacing Criteria (90-270): 0.27

Spacing Criteria (Diagonal): 0.42



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

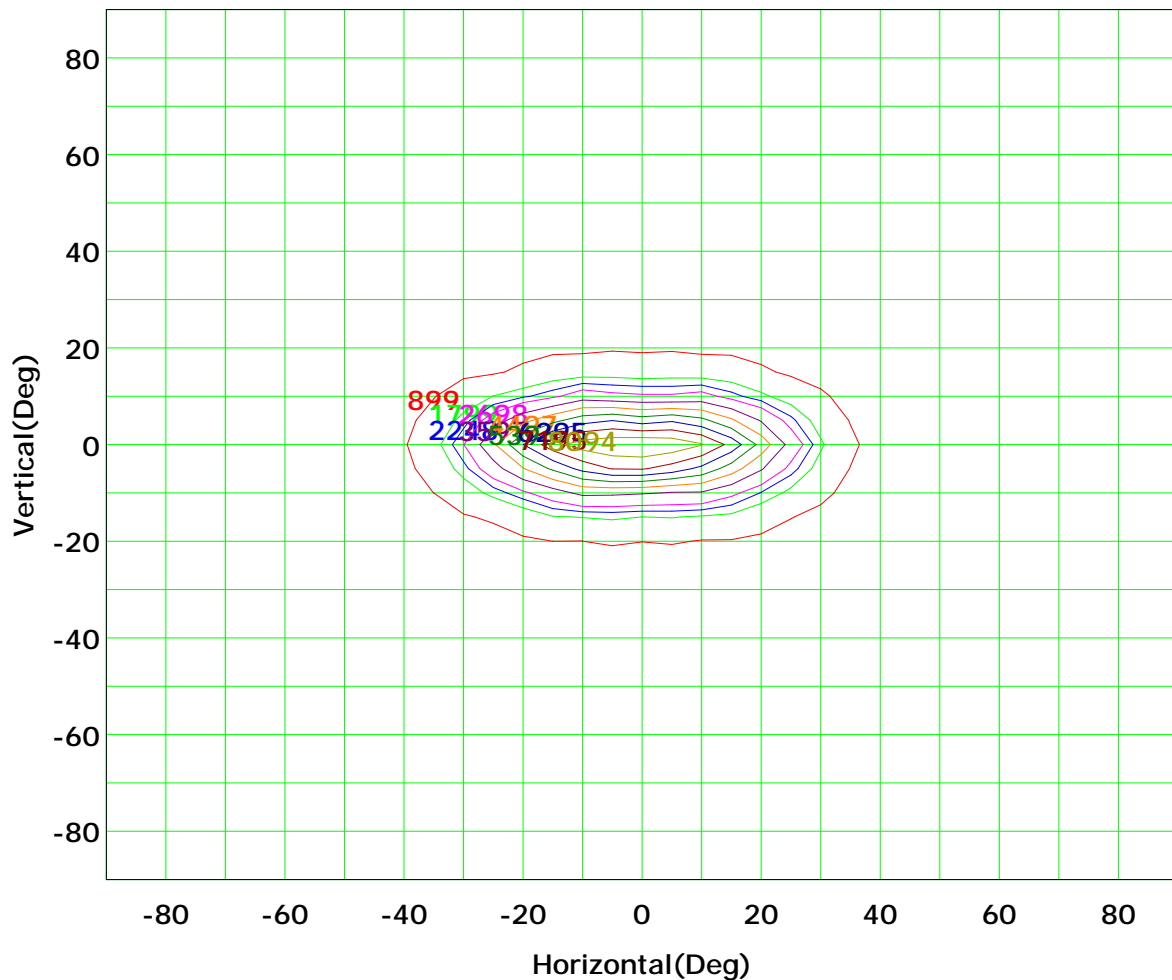
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



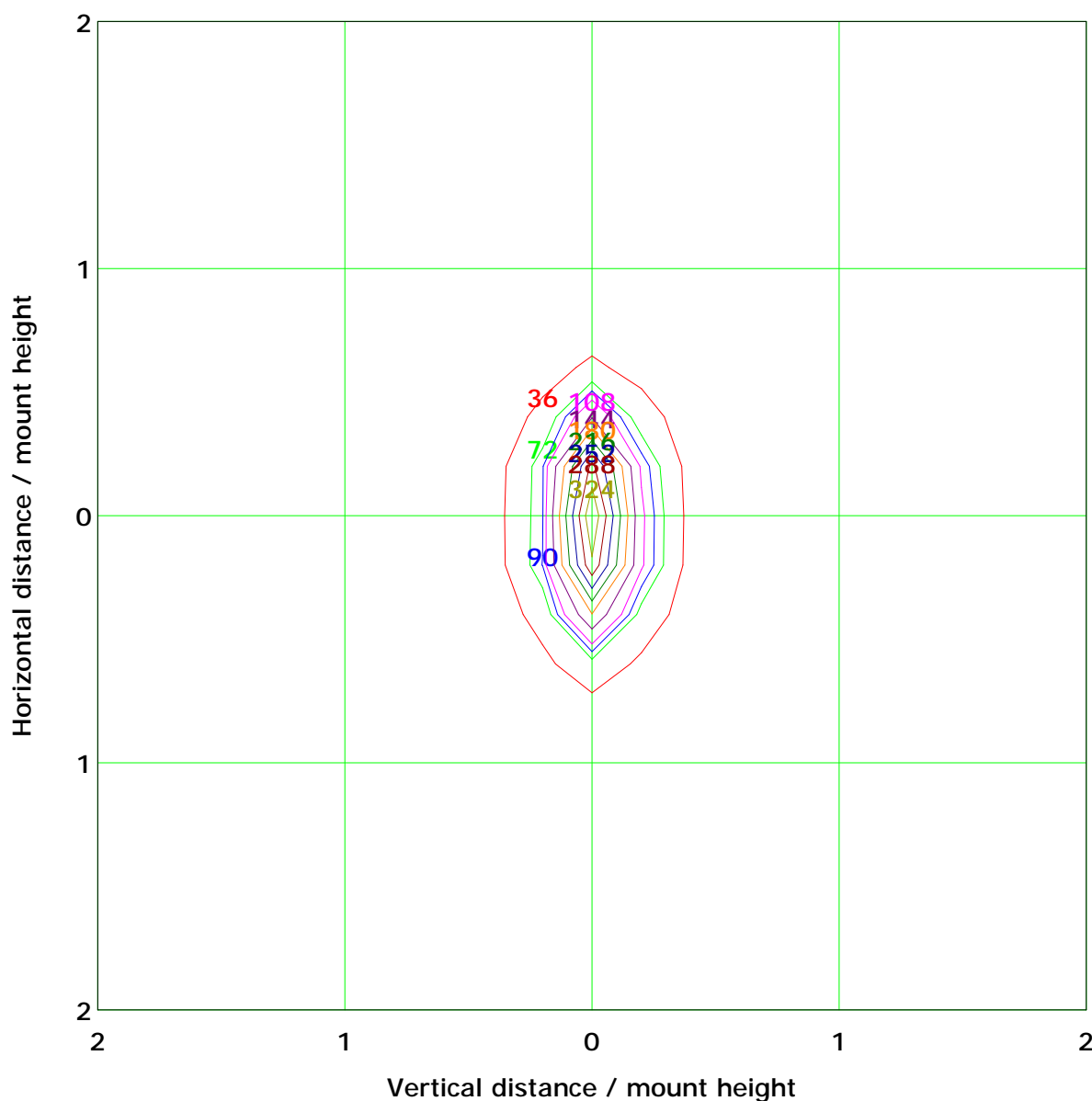
Imax (100%): 8993 cd

(10%): 899 cd	(20%): 1799 cd
(25%): 2248 cd	(30%): 2698 cd
(40%): 3597 cd	(50%): 4497 cd
(60%): 5396 cd	(70%): 6295 cd
(80%): 7195 cd	(90%): 8094 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%): 359.6 lx	
(10%): 36.0 lx	(20%): 71.9 lx
(25%): 89.9 lx	(30%): 107.9 lx
(40%): 143.8 lx	(50%): 179.8 lx
(60%): 215.7 lx	(70%): 251.7 lx
(80%): 287.7 lx	(90%): 323.6 lx

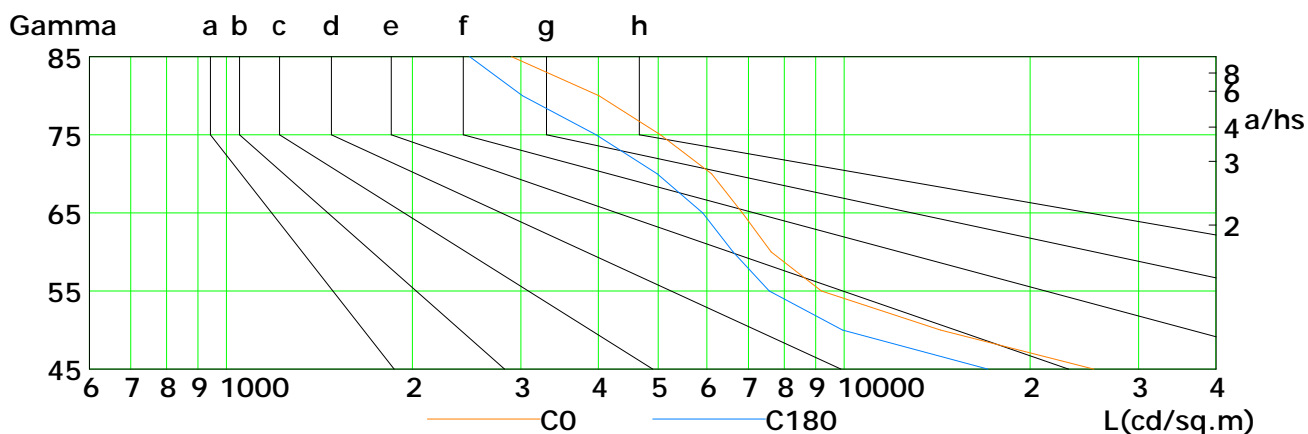
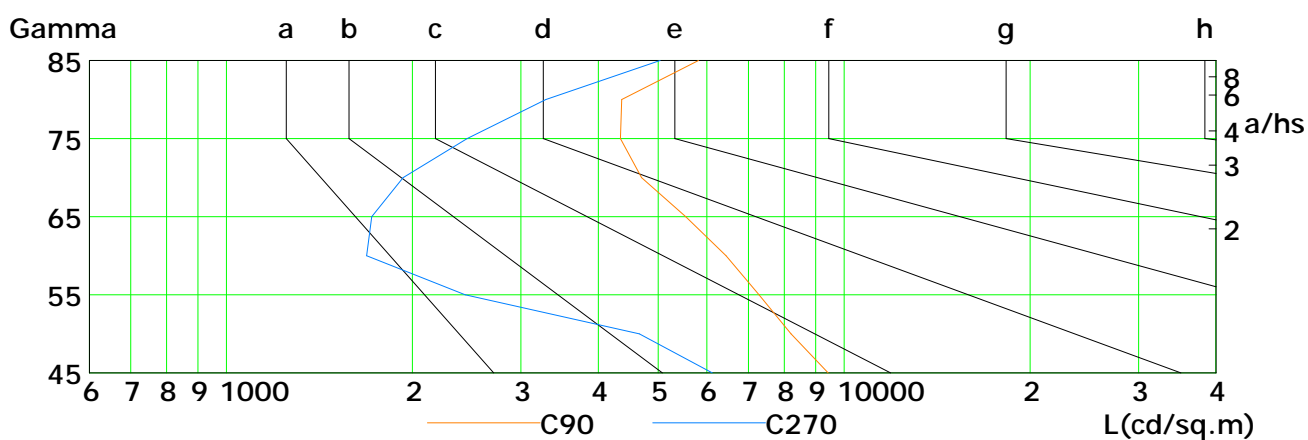
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

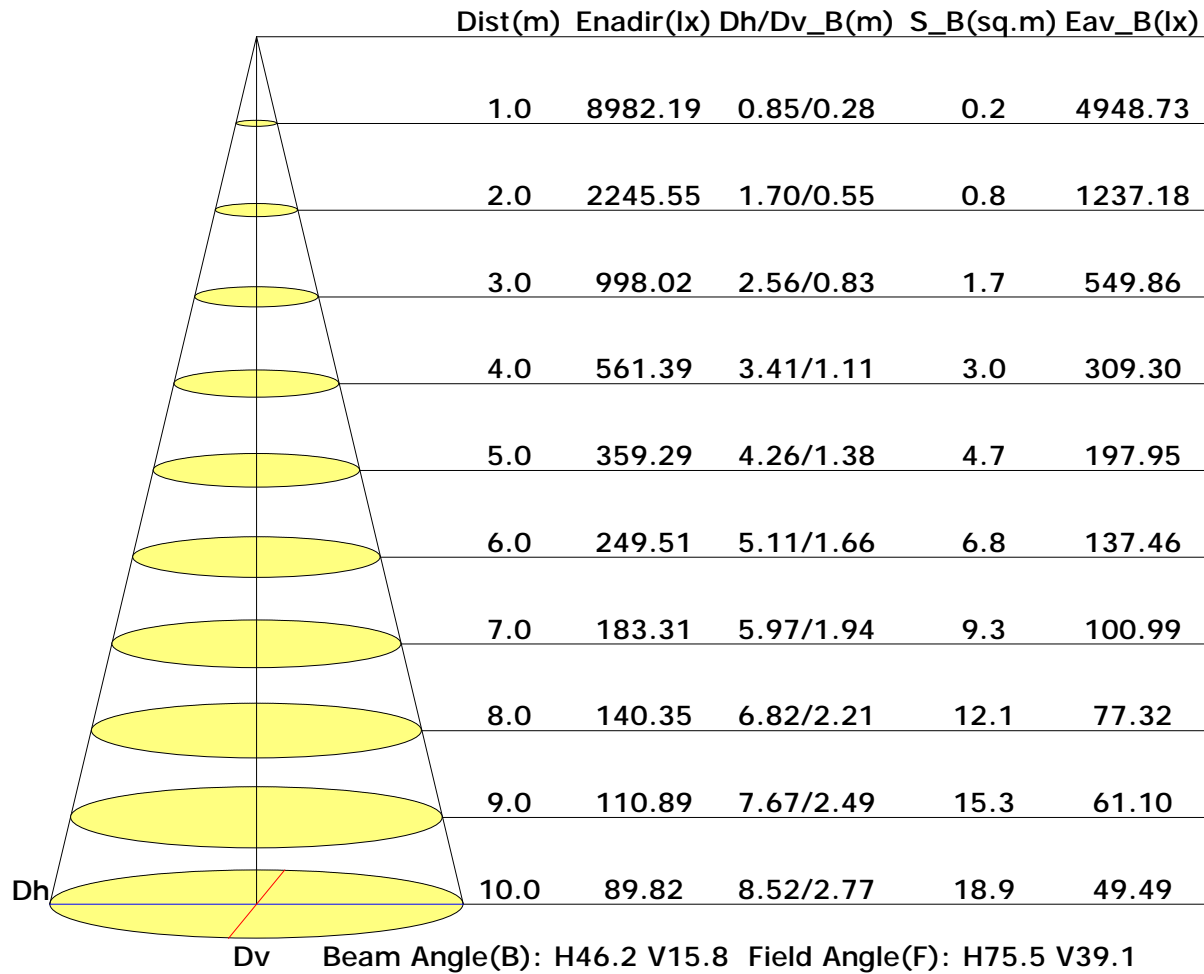


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	25363	14321	9195	7618	6844	6107	5047	4012	2896
C90	9429	8207	7281	6443	5542	4699	4345	4366	5815
C180	17092	9940	7572	6617	5905	4983	3967	3017	2476
C270	6122	4661	2435	1687	1720	1933	2455	3289	5040

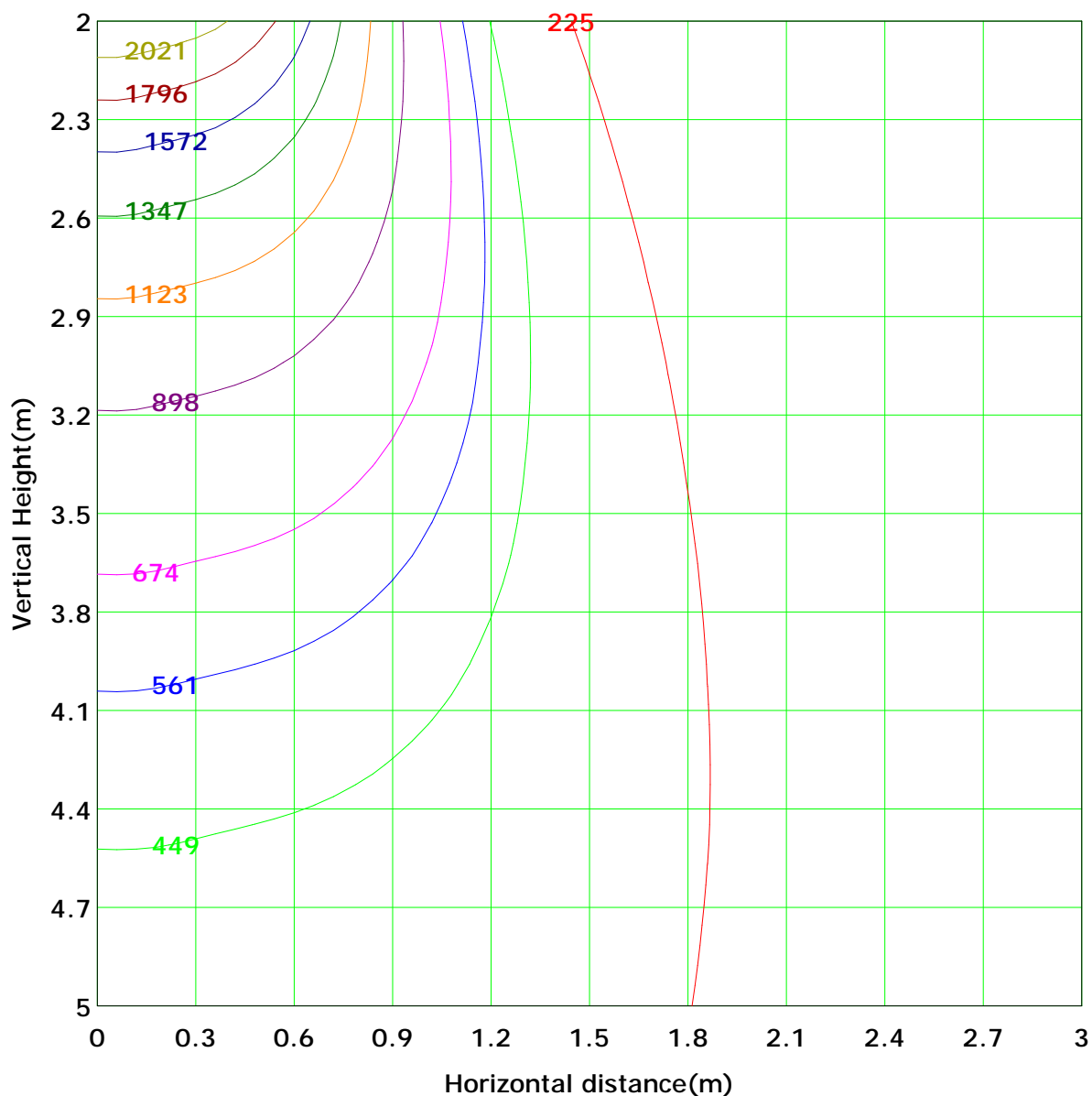
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 2245.5 lx
(10%): 224.6 lx	(20%): 449.1 lx	
(25%): 561.4 lx	(30%): 673.7 lx	
(40%): 898.2 lx	(50%): 1122.8 lx	
(60%): 1347.3 lx	(70%): 1571.9 lx	
(80%): 1796.4 lx	(90%): 2021.0 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

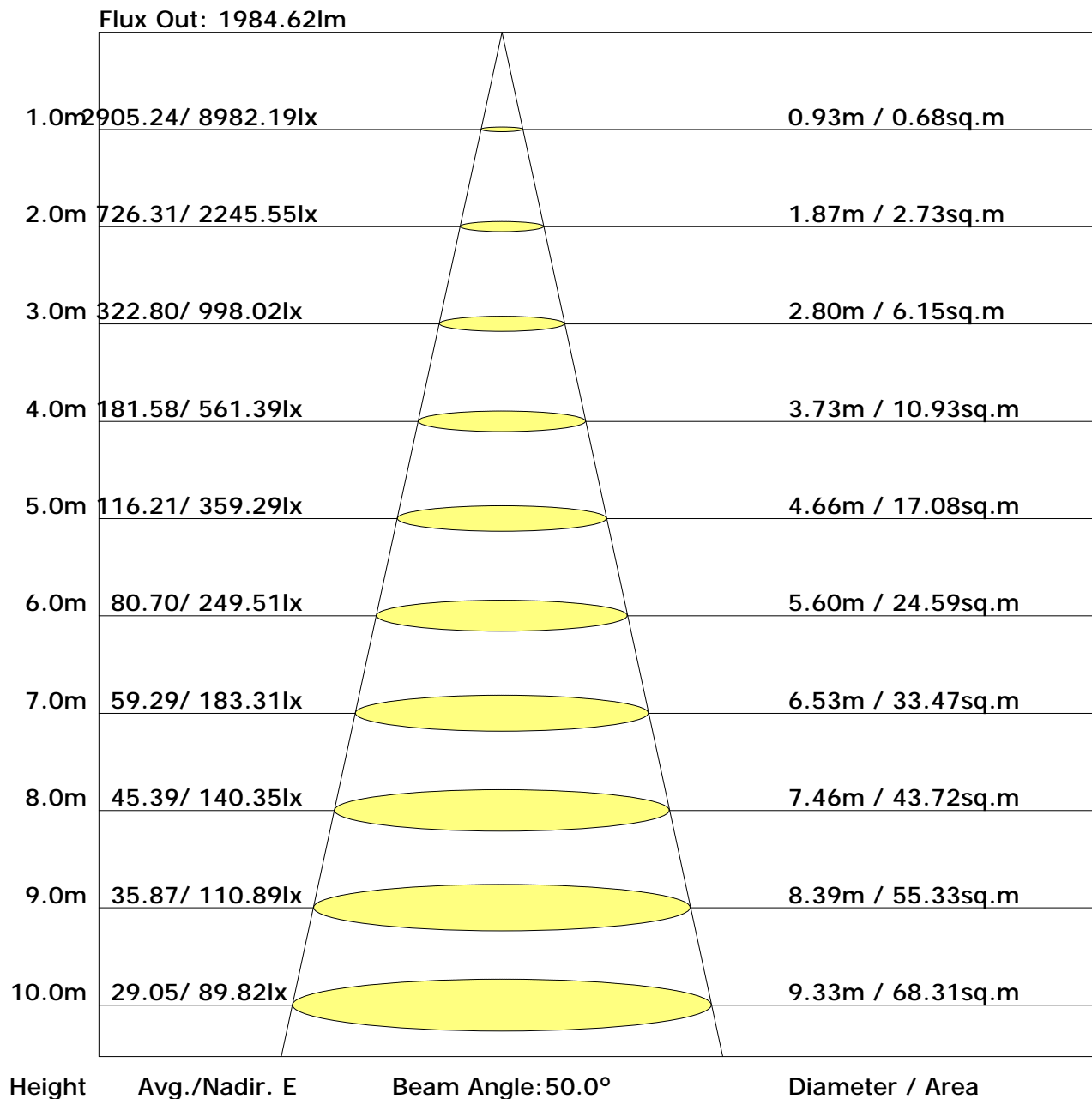
Flux(E)	Vertical plane																	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
0.0	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0
0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0
0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0
0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2	0.0
0.0	0.2	0.4	0.8	1.2	1.6	2.1	2.4	2.6	2.6	2.6	2.4	2.0	1.6	1.2	0.8	0.6	0.4	0.3	0.0
0.0	0.2	0.6	1.1	1.8	3.0	3.9	4.3	4.8	4.8	4.1	3.8	2.9	1.7	1.2	0.8	0.5	0.4	0.3	0.0
0.1	0.3	0.7	1.4	2.8	5.5	9.0	12.1	14.1	14.2	12.2	8.9	5.5	3.0	1.5	0.8	0.4	0.3	0.2	0.1
0.1	0.3	0.9	1.7	4.3	11.7	23.8	40.6	47.4	48.4	42.0	26.2	14.4	5.5	2.0	1.0	0.4	0.3	0.2	0.1
0.1	0.3	1.0	2.0	6.2	22.6	67.2	135.6	180.0	183.5	149.4	85.6	31.4	8.8	2.5	1.1	0.4	0.4	0.1	0.1
0.1	0.3	1.0	2.1	6.3	23.1	69.7	144.1	197.7	207.5	161.6	88.9	32.0	8.9	2.5	1.1	0.4	0.4	0.1	0.1
0.1	0.3	1.0	2.0	4.7	12.8	27.9	49.2	59.3	61.8	53.2	31.4	15.7	6.0	2.2	1.0	0.4	0.4	0.1	0.1
0.1	0.3	0.9	1.8	3.4	6.6	11.1	14.3	16.5	16.7	14.7	11.3	6.7	3.7	1.8	0.9	0.4	0.4	0.1	0.1
0.0	0.3	0.8	1.5	2.6	4.1	5.5	6.2	6.8	6.8	5.9	5.1	3.8	2.5	1.5	0.8	0.3	0.3	0.1	0.1
0.0	0.2	0.7	1.3	2.0	2.8	3.4	3.9	4.2	4.0	3.5	2.9	2.4	1.8	1.2	0.7	0.3	0.3	0.1	0.1
0.0	0.2	0.5	1.0	1.5	1.9	2.3	2.6	2.7	2.6	2.3	2.0	1.7	1.3	0.9	0.5	0.2	0.2	0.0	0.0
0.0	0.2	0.4	0.7	1.0	1.2	1.4	1.6	1.6	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.0	0.0
0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0
0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0
0.9	4.0	10.2	19.5	40.7	100.2	230.6	420.7	541.5	558.3	456.4	272.5	122.4	47.9	20.8	11.0	4.6	1.0	2863	
2219																			

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	10.2	11.2	10.7	11.6	12.1	8.3	9.3	8.7	9.7	10.1
3H	12.1	13.0	12.5	13.4	13.9	9.4	10.3	9.8	10.7	11.1
4H	12.8	13.6	13.3	14.1	14.6	9.8	10.6	10.2	11.0	11.5
6H	13.4	14.2	13.9	14.6	15.1	10.1	10.8	10.6	11.3	11.8
8H	13.7	14.4	14.2	14.8	15.4	10.2	10.9	10.7	11.4	11.9
12H	13.9	14.5	14.4	15.0	15.5	10.4	11.0	10.9	11.5	12.0
X=4H Y=2H	10.3	11.1	10.8	11.5	12.0	8.9	9.7	9.4	10.2	10.7
3H	12.2	12.9	12.7	13.4	13.9	10.1	10.8	10.6	11.3	11.8
4H	13.1	13.7	13.6	14.2	14.7	10.6	11.2	11.1	11.7	12.2
6H	13.8	14.3	14.4	14.9	15.4	11.0	11.5	11.5	12.0	12.6
8H	14.1	14.6	14.7	15.1	15.7	11.2	11.7	11.8	12.2	12.8
12H	14.4	14.8	15.0	15.4	16.0	11.4	11.8	12.0	12.4	13.0
X=8H Y=4H	13.0	13.5	13.6	14.0	14.6	10.9	11.4	11.5	11.9	12.5
6H	13.8	14.2	14.4	14.8	15.4	11.4	11.8	12.0	12.4	13.0
8H	14.2	14.6	14.8	15.2	15.8	11.7	12.1	12.3	12.7	13.3
12H	14.7	15.0	15.2	15.5	16.2	12.1	12.4	12.7	13.0	13.6
X=12H Y=4H	13.0	13.4	13.6	14.0	14.5	11.0	11.4	11.5	11.9	12.5
6H	13.8	14.2	14.4	14.7	15.4	11.5	11.9	12.1	12.4	13.1
8H	14.3	14.6	14.9	15.1	15.8	11.9	12.2	12.5	12.8	13.4

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	0.83	0.89	0.94	0.97	1.01	1.04	1.06	1.09	1.10
	0.30		0.78	0.84	0.89	0.93	0.97	1.01	1.03	1.06	1.08
	0.20		0.74	0.81	0.86	0.89	0.94	0.98	1.00	1.04	1.06
0.50	0.50	0.20	0.81	0.87	0.91	0.94	0.98	1.00	1.02	1.04	1.05
	0.30		0.76	0.83	0.87	0.90	0.95	0.97	0.99	1.02	1.04
	0.20		0.73	0.80	0.84	0.87	0.92	0.95	0.97	1.00	1.02
0.30	0.50	0.20	0.79	0.85	0.89	0.91	0.94	0.96	0.98	1.00	1.01
	0.30		0.75	0.81	0.85	0.88	0.92	0.94	0.96	0.98	1.00
	0.20		0.73	0.79	0.83	0.86	0.90	0.92	0.94	0.97	0.98
0.00	0.00	0.00	0.71	0.76	0.80	0.82	0.86	0.88	0.90	0.92	0.93
Rating: 32W 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	0.62	0.51	0.43	0.37	0.29	0.24	0.21	0.16	0.13
	0.30		0.52	0.43	0.37	0.33	0.27	0.22	0.19	0.15	0.13
	0.20		0.45	0.38	0.33	0.29	0.24	0.21	0.18	0.14	0.12
0.50	0.50	0.20	0.59	0.47	0.40	0.34	0.27	0.26	0.19	0.15	0.12
	0.30		0.50	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.11
	0.20		0.43	0.36	0.31	0.28	0.23	0.19	0.17	0.13	0.11
0.30	0.50	0.20	0.55	0.44	0.37	0.32	0.25	0.20	0.17	0.13	0.11
	0.30		0.47	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.10
	0.20		0.41	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10
0.00	0.00	0.00	0.28	0.22	0.18	0.16	0.12	0.10	0.09	0.07	0.05
Rating: 32W 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	0.17	0.18	0.20	0.21	0.22	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	0.17	0.18	0.19	0.20	0.22	0.22	0.23	0.24	0.24
	0.30		0.13	0.15	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	0.22
0.30	0.50	0.20	0.16	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.13	0.14	0.16	0.17	0.18	0.20	0.20	0.21	0.22
	0.20		0.10	0.12	0.13	0.15	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: 32W 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	8801.1	8.4	8.4	0.28	0.28
1.0-2.0	8703.5	25.0	33.4	0.84	1.12
2.0-3.0	8510.0	40.7	74.1	1.36	2.48
3.0-4.0	8223.0	55.0	129.2	1.84	4.32
4.0-5.0	7849.9	67.5	196.7	2.26	6.58
5.0-6.0	7417.6	78.0	274.7	2.61	9.18
6.0-7.0	6954.7	86.3	361.0	2.89	12.07
7.0-8.0	6480.8	92.8	453.8	3.10	15.17
8.0-9.0	6006.6	97.4	551.1	3.26	18.43
9.0-10.0	5551.7	100.5	651.6	3.36	21.79
10.0-11.0	5123.4	102.4	754.0	3.42	25.21
11.0-12.0	4714.4	103.1	857.1	3.45	28.66
12.0-13.0	4337.5	103.0	960.0	3.44	32.10
13.0-14.0	3989.1	102.1	1062.1	3.41	35.52
14.0-15.0	3659.1	100.5	1162.6	3.36	38.87
15.0-16.0	3350.9	98.2	1260.8	3.28	42.16
16.0-17.0	3066.7	95.5	1356.3	3.19	45.35
17.0-18.0	2801.3	92.4	1448.7	3.09	48.44
18.0-19.0	2552.6	88.8	1537.5	2.97	51.41
19.0-20.0	2322.5	85.0	1622.5	2.84	54.25
20.0-21.0	2107.5	80.9	1703.5	2.71	56.96
21.0-22.0	1907.8	76.7	1780.1	2.56	59.52
22.0-23.0	1725.5	72.4	1852.5	2.42	61.94
23.0-24.0	1559.0	68.2	1920.7	2.28	64.22
24.0-25.0	1405.0	63.9	1984.6	2.14	66.36
25.0-26.0	1265.5	59.7	2044.4	2.00	68.36
26.0-27.0	1139.5	55.8	2100.1	1.86	70.22
27.0-28.0	1023.4	51.8	2151.9	1.73	71.96
28.0-29.0	919.9	48.1	2200.1	1.61	73.57
29.0-30.0	827.8	44.7	2244.8	1.49	75.06
30.0-31.0	743.7	41.4	2286.2	1.38	76.44
31.0-32.0	667.5	38.2	2324.4	1.28	77.72
32.0-33.0	599.6	35.3	2359.7	1.18	78.90
33.0-34.0	538.1	32.6	2392.3	1.09	79.99
34.0-35.0	483.1	30.0	2422.3	1.00	81.00
35.0-36.0	435.0	27.7	2450.0	0.93	81.92

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	392.5	25.6	2475.6	0.86	82.78
37.0-38.0	354.8	23.7	2499.3	0.79	83.57
38.0-39.0	322.0	22.0	2521.3	0.74	84.31
39.0-40.0	293.3	20.5	2541.7	0.68	84.99
40.0-41.0	267.5	19.1	2560.8	0.64	85.63
41.0-42.0	244.2	17.7	2578.5	0.59	86.22
42.0-43.0	223.4	16.6	2595.1	0.55	86.77
43.0-44.0	204.8	15.5	2610.6	0.52	87.29
44.0-45.0	187.9	14.4	2625.0	0.48	87.77
45.0-46.0	172.8	13.5	2638.5	0.45	88.23
46.0-47.0	159.2	12.7	2651.2	0.42	88.65
47.0-48.0	146.8	11.9	2663.1	0.40	89.05
48.0-49.0	135.7	11.1	2674.2	0.37	89.42
49.0-50.0	125.5	10.5	2684.7	0.35	89.77
50.0-51.0	116.2	9.8	2694.5	0.33	90.10
51.0-52.0	107.8	9.3	2703.7	0.31	90.41
52.0-53.0	100.2	8.7	2712.5	0.29	90.70
53.0-54.0	93.6	8.3	2720.7	0.28	90.97
54.0-55.0	87.9	7.8	2728.6	0.26	91.24
55.0-56.0	83.0	7.5	2736.1	0.25	91.49
56.0-57.0	78.5	7.2	2743.2	0.24	91.73
57.0-58.0	74.3	6.9	2750.1	0.23	91.96
58.0-59.0	70.4	6.6	2756.7	0.22	92.18
59.0-60.0	66.8	6.3	2763.0	0.21	92.39
60.0-61.0	63.7	6.1	2769.1	0.20	92.59
61.0-62.0	60.9	5.9	2775.0	0.20	92.79
62.0-63.0	58.2	5.7	2780.6	0.19	92.98
63.0-64.0	55.4	5.4	2786.1	0.18	93.16
64.0-65.0	52.8	5.2	2791.3	0.17	93.33
65.0-66.0	50.1	5.0	2796.3	0.17	93.50
66.0-67.0	47.3	4.8	2801.1	0.16	93.66
67.0-68.0	44.6	4.5	2805.6	0.15	93.81
68.0-69.0	42.1	4.3	2809.9	0.14	93.96
69.0-70.0	39.7	4.1	2814.0	0.14	94.09
70.0-71.0	37.3	3.9	2817.8	0.13	94.22
71.0-72.0	35.2	3.7	2821.5	0.12	94.34

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	33.1	3.5	2824.9	0.12	94.46
73.0-74.0	31.2	3.3	2828.2	0.11	94.57
74.0-75.0	29.5	3.1	2831.3	0.10	94.67
75.0-76.0	27.9	3.0	2834.3	0.10	94.77
76.0-77.0	26.2	2.8	2837.1	0.09	94.87
77.0-78.0	24.5	2.6	2839.7	0.09	94.95
78.0-79.0	23.0	2.5	2842.2	0.08	95.04
79.0-80.0	21.8	2.4	2844.5	0.08	95.11
80.0-81.0	20.7	2.2	2846.8	0.07	95.19
81.0-82.0	19.7	2.1	2848.9	0.07	95.26
82.0-83.0	18.8	2.0	2851.0	0.07	95.33
83.0-84.0	18.1	2.0	2852.9	0.07	95.40
84.0-85.0	17.5	1.9	2854.8	0.06	95.46
85.0-86.0	17.0	1.9	2856.7	0.06	95.52
86.0-87.0	16.7	1.8	2858.5	0.06	95.58
87.0-88.0	16.5	1.8	2860.3	0.06	95.64
88.0-89.0	16.4	1.8	2862.1	0.06	95.70
89.0-90.0	16.2	1.8	2863.9	0.06	95.76
90.0-91.0	16.2	1.8	2865.7	0.06	95.82
91.0-92.0	16.2	1.8	2867.4	0.06	95.88
92.0-93.0	16.2	1.8	2869.2	0.06	95.94
93.0-94.0	16.2	1.8	2871.0	0.06	96.00
94.0-95.0	16.2	1.8	2872.8	0.06	96.06
95.0-96.0	16.2	1.8	2874.5	0.06	96.12
96.0-97.0	16.1	1.8	2876.3	0.06	96.18
97.0-98.0	16.1	1.7	2878.0	0.06	96.23
98.0-99.0	16.0	1.7	2879.8	0.06	96.29
99.0-100.0	16.0	1.7	2881.5	0.06	96.35
100.0-101.0	16.0	1.7	2883.2	0.06	96.41
101.0-102.0	16.0	1.7	2884.9	0.06	96.47
102.0-103.0	15.9	1.7	2886.7	0.06	96.52
103.0-104.0	15.9	1.7	2888.3	0.06	96.58
104.0-105.0	16.0	1.7	2890.0	0.06	96.64
105.0-106.0	16.0	1.7	2891.7	0.06	96.69
106.0-107.0	16.0	1.7	2893.4	0.06	96.75
107.0-108.0	16.1	1.7	2895.1	0.06	96.81

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	16.1	1.7	2896.8	0.06	96.86
109.0-110.0	16.1	1.7	2898.4	0.06	96.92
110.0-111.0	16.2	1.7	2900.1	0.06	96.97
111.0-112.0	16.3	1.7	2901.8	0.06	97.03
112.0-113.0	16.2	1.6	2903.4	0.06	97.08
113.0-114.0	16.3	1.6	2905.0	0.05	97.14
114.0-115.0	16.5	1.6	2906.7	0.05	97.19
115.0-116.0	16.5	1.6	2908.3	0.05	97.25
116.0-117.0	16.7	1.6	2910.0	0.05	97.30
117.0-118.0	16.8	1.6	2911.6	0.05	97.36
118.0-119.0	16.9	1.6	2913.2	0.05	97.41
119.0-120.0	17.0	1.6	2914.8	0.05	97.47
120.0-121.0	17.1	1.6	2916.5	0.05	97.52
121.0-122.0	17.2	1.6	2918.1	0.05	97.57
122.0-123.0	17.4	1.6	2919.7	0.05	97.63
123.0-124.0	17.7	1.6	2921.3	0.05	97.68
124.0-125.0	17.9	1.6	2922.9	0.05	97.74
125.0-126.0	18.0	1.6	2924.5	0.05	97.79
126.0-127.0	18.2	1.6	2926.1	0.05	97.84
127.0-128.0	18.4	1.6	2927.7	0.05	97.90
128.0-129.0	18.7	1.6	2929.3	0.05	97.95
129.0-130.0	19.0	1.6	2930.9	0.05	98.00
130.0-131.0	19.3	1.6	2932.6	0.05	98.06
131.0-132.0	19.6	1.6	2934.2	0.05	98.11
132.0-133.0	20.0	1.6	2935.8	0.05	98.17
133.0-134.0	20.4	1.6	2937.4	0.05	98.22
134.0-135.0	20.8	1.6	2939.0	0.05	98.27
135.0-136.0	21.2	1.6	2940.7	0.05	98.33
136.0-137.0	21.5	1.6	2942.3	0.05	98.38
137.0-138.0	22.0	1.6	2943.9	0.05	98.44
138.0-139.0	22.5	1.6	2945.6	0.05	98.49
139.0-140.0	23.0	1.6	2947.2	0.05	98.55
140.0-141.0	23.6	1.6	2948.8	0.05	98.60
141.0-142.0	24.1	1.6	2950.5	0.06	98.66
142.0-143.0	24.6	1.6	2952.1	0.05	98.71
143.0-144.0	25.1	1.6	2953.8	0.05	98.77

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	25.6	1.6	2955.4	0.05	98.82
145.0-146.0	26.2	1.6	2957.0	0.05	98.88
146.0-147.0	26.7	1.6	2958.6	0.05	98.93
147.0-148.0	27.3	1.6	2960.2	0.05	98.98
148.0-149.0	27.9	1.6	2961.8	0.05	99.04
149.0-150.0	28.4	1.6	2963.4	0.05	99.09
150.0-151.0	28.9	1.6	2965.0	0.05	99.14
151.0-152.0	29.5	1.5	2966.5	0.05	99.19
152.0-153.0	30.0	1.5	2968.0	0.05	99.24
153.0-154.0	30.5	1.5	2969.5	0.05	99.29
154.0-155.0	31.0	1.5	2971.0	0.05	99.34
155.0-156.0	31.4	1.4	2972.4	0.05	99.39
156.0-157.0	31.8	1.4	2973.8	0.05	99.44
157.0-158.0	32.3	1.4	2975.2	0.05	99.48
158.0-159.0	32.6	1.3	2976.5	0.04	99.53
159.0-160.0	33.0	1.3	2977.7	0.04	99.57
160.0-161.0	33.2	1.2	2979.0	0.04	99.61
161.0-162.0	33.5	1.2	2980.1	0.04	99.65
162.0-163.0	33.8	1.1	2981.2	0.04	99.69
163.0-164.0	34.0	1.1	2982.3	0.04	99.72
164.0-165.0	34.1	1.0	2983.3	0.03	99.75
165.0-166.0	34.2	0.9	2984.2	0.03	99.79
166.0-167.0	34.3	0.9	2985.1	0.03	99.82
167.0-168.0	34.4	0.8	2985.9	0.03	99.84
168.0-169.0	34.4	0.8	2986.7	0.03	99.87
169.0-170.0	34.4	0.7	2987.4	0.02	99.89
170.0-171.0	34.4	0.6	2988.0	0.02	99.91
171.0-172.0	34.4	0.6	2988.6	0.02	99.93
172.0-173.0	34.3	0.5	2989.0	0.02	99.95
173.0-174.0	34.1	0.4	2989.5	0.01	99.96
174.0-175.0	34.0	0.4	2989.8	0.01	99.97
175.0-176.0	34.0	0.3	2990.1	0.01	99.98
176.0-177.0	33.9	0.2	2990.3	0.01	99.99
177.0-178.0	33.8	0.2	2990.5	0.01	100.00
178.0-179.0	33.7	0.1	2990.6	0.00	100.00
179.0-180.0	33.7	0.0	2990.6	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: