

Report No.: 20230921

Test Time: 2023/9/25 15:30

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot rgbw4000k 9.75 - Green only

Lamp Catalog: Optic BA 25*45 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 9.33 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 0.389 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 343.5 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H78.6,H39.6

Vertical Diffuse Angle(10%,50%): V60.7,V24.4

Luminaire Efficacy Rating (LER): 37

Max. Intensity: 738.48 cd

Total Rated Lamp Lumens: 343.5 lm

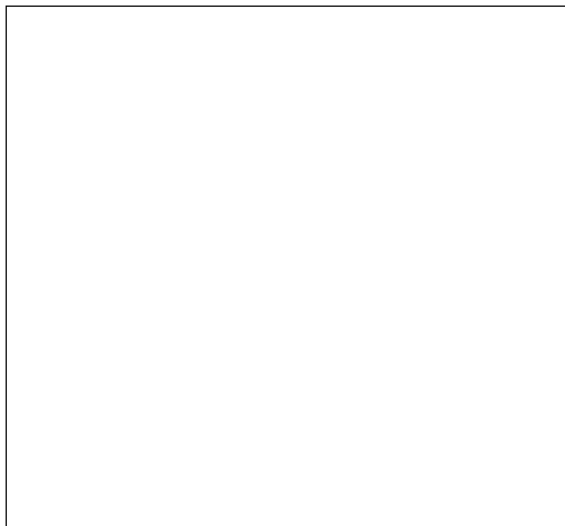
Efficiency: 100%

Upward Ratio: 2%

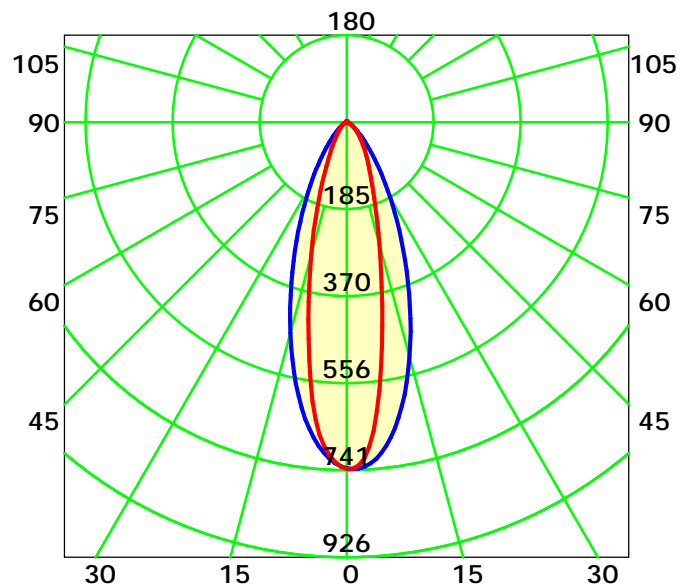
Central Intensity: 736.76 cd

Pos of Max. Intensity: H30 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 32.0
— 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

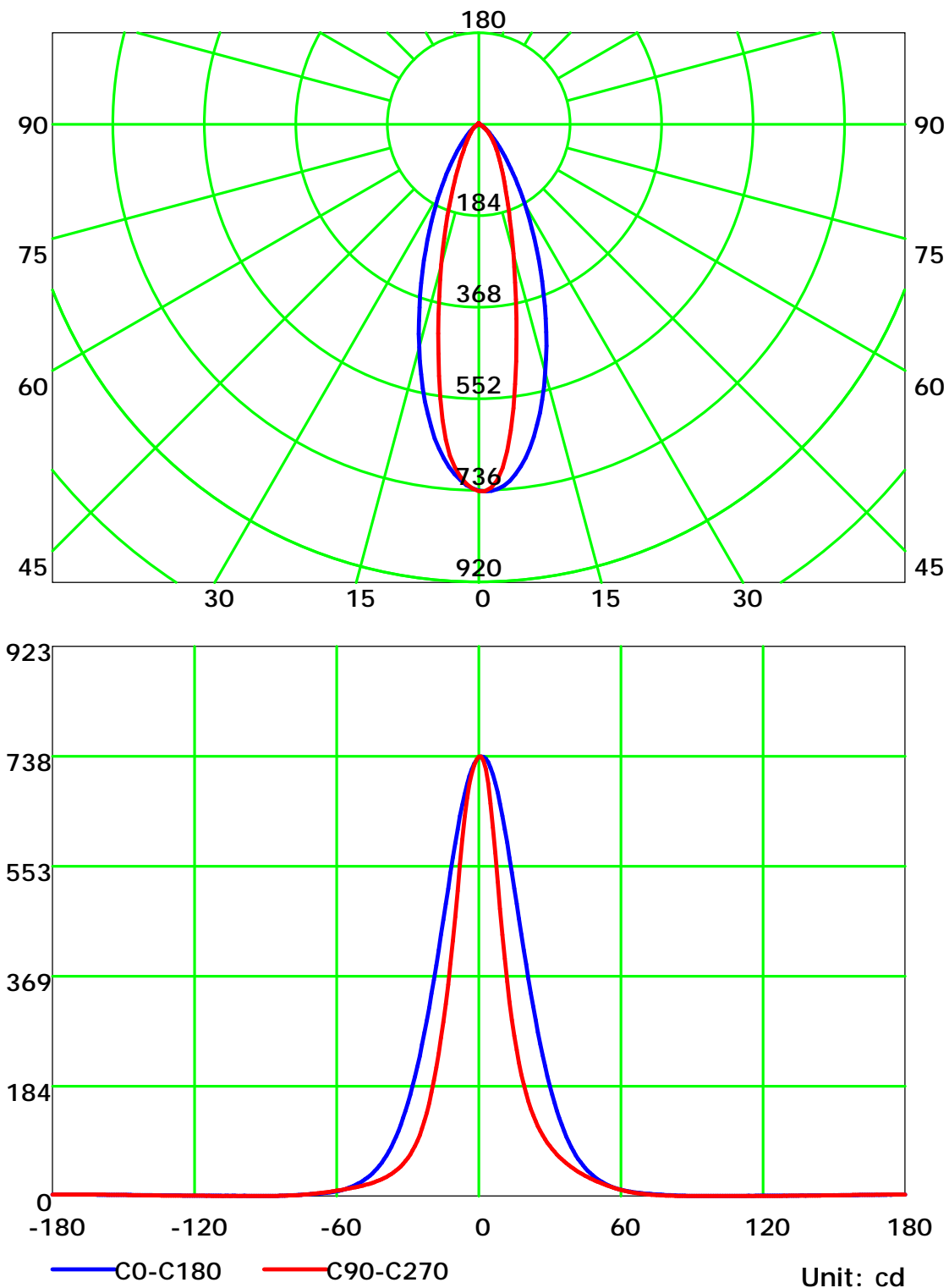
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

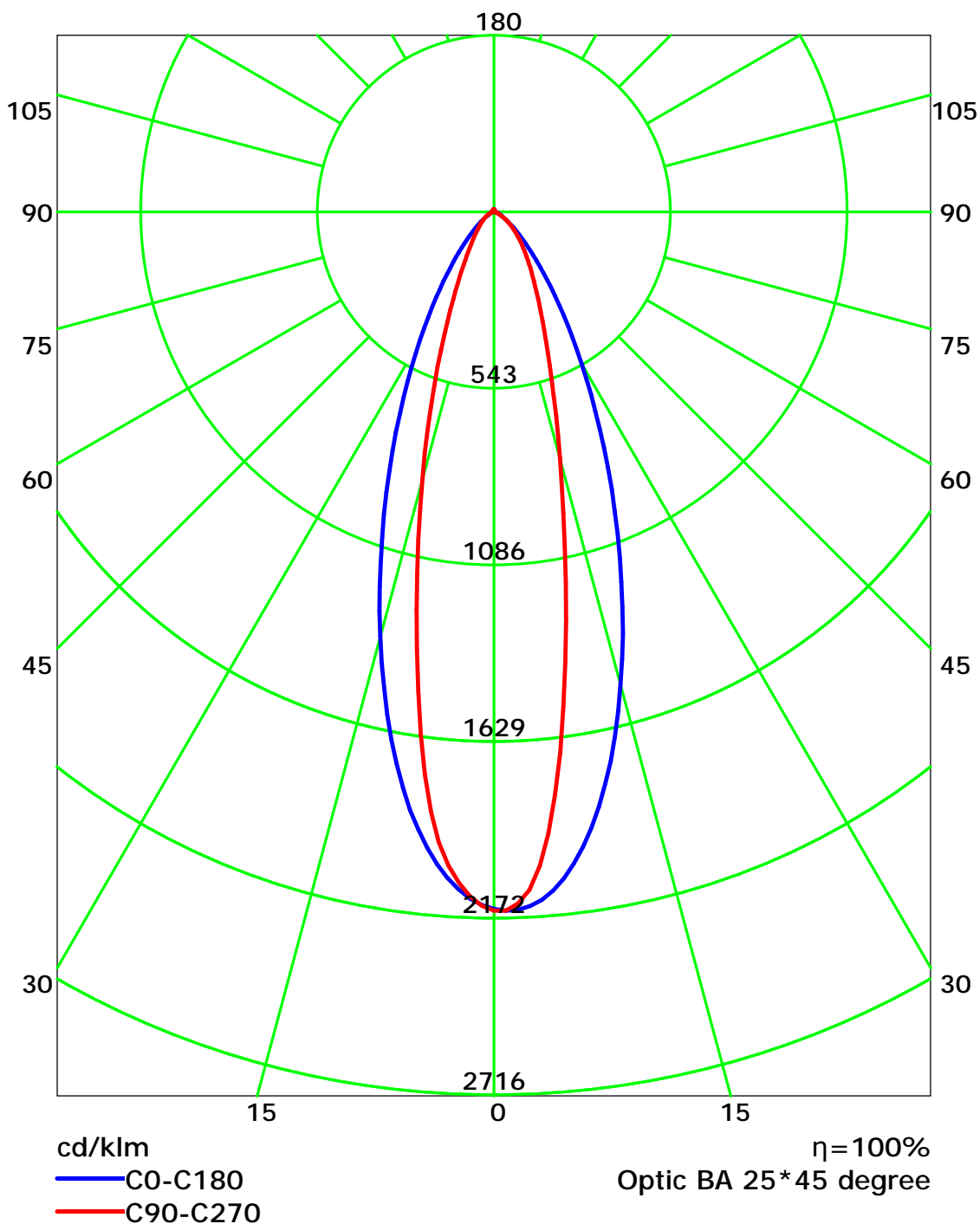
Luminous Intensity Distribution Curve



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:

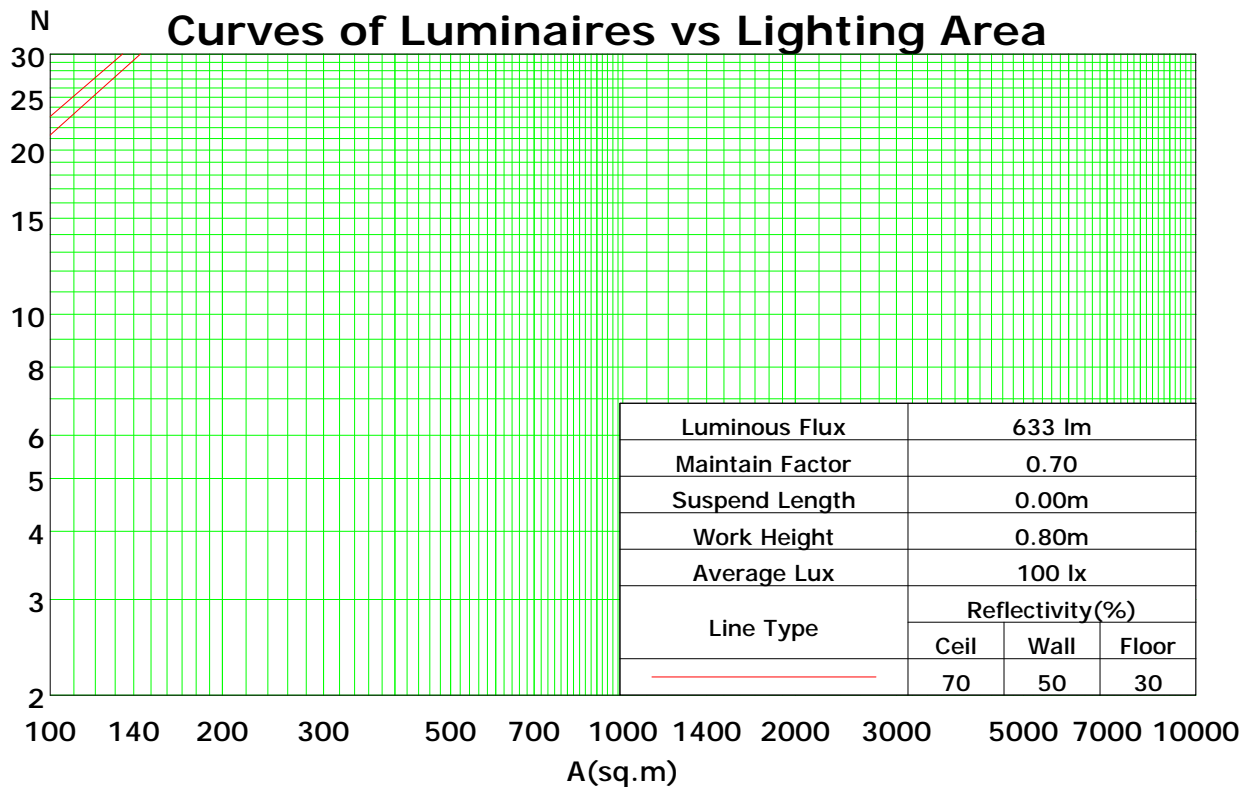
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	113	110	107	105	110	107	105	103	103	101	99	99	97	96	95	94	93	91
2	107	102	98	94	105	100	96	93	96	93	91	93	91	88	90	88	86	84
3	102	95	90	86	99	93	89	85	91	87	83	88	85	82	85	83	80	79
4	97	89	83	79	95	88	82	79	85	81	77	83	79	76	81	78	75	73
5	92	84	78	73	90	82	77	73	80	76	72	79	74	71	77	73	70	69
6	88	79	73	69	86	78	72	68	76	71	68	75	70	67	73	69	66	65
7	84	74	69	64	82	74	68	64	72	67	64	71	66	63	70	66	63	61
8	80	71	65	61	79	70	64	61	69	64	60	68	63	60	66	62	59	58
9	77	67	61	58	75	67	61	57	66	61	57	65	60	57	64	60	57	55
10	73	64	59	55	72	64	58	55	63	58	54	62	57	54	61	57	54	53

Spacing Criteria (0-180): 0.63

Spacing Criteria (90-270): 0.41

Spacing Criteria (Diagonal): 0.54



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

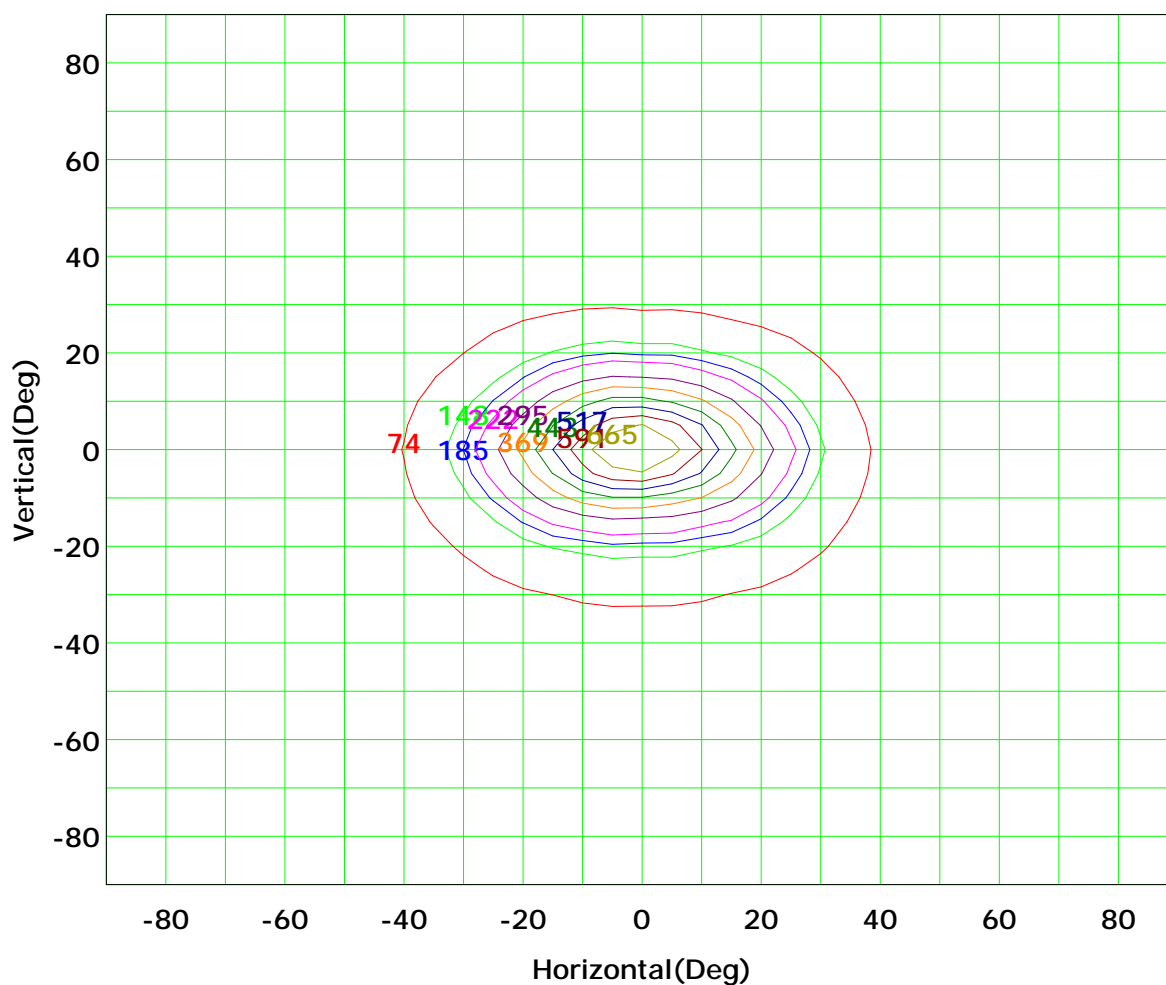
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



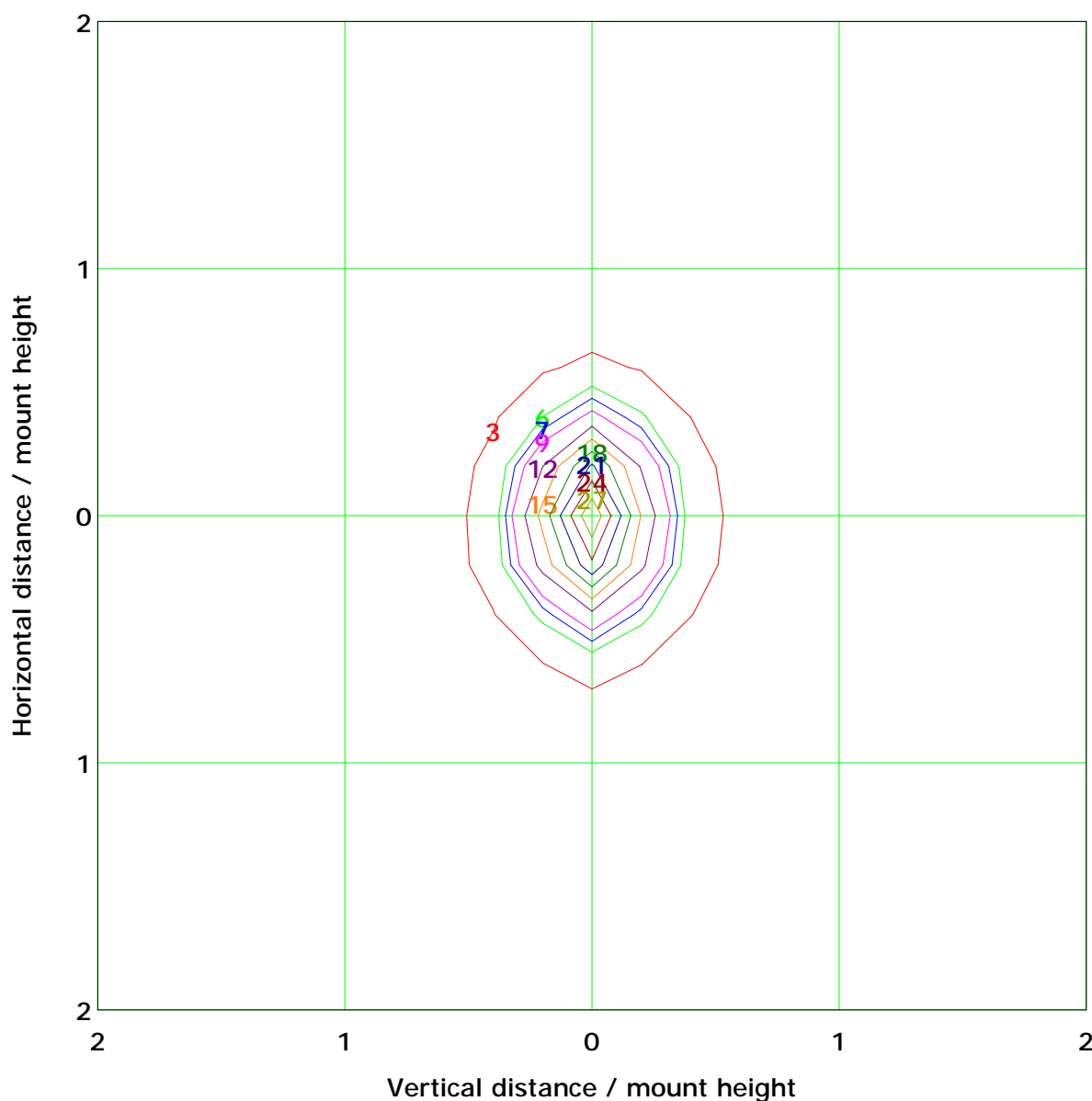
I_{max} (100%): 738 cd

(10%): 74 cd	(20%): 148 cd
(25%): 185 cd	(30%): 222 cd
(40%): 295 cd	(50%): 369 cd
(60%): 443 cd	(70%): 517 cd
(80%): 591 cd	(90%): 665 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%): 29.5 lx	
(10%): 3.0 lx	(20%): 5.9 lx
(25%): 7.4 lx	(30%): 8.9 lx
(40%): 11.8 lx	(50%): 14.8 lx
(60%): 17.7 lx	(70%): 20.7 lx
(80%): 23.6 lx	(90%): 26.6 lx

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

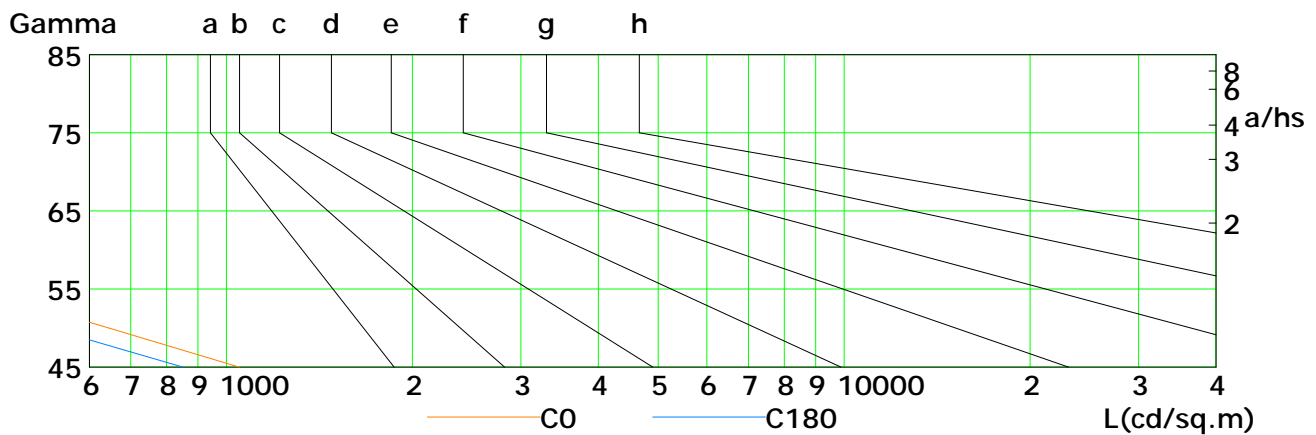
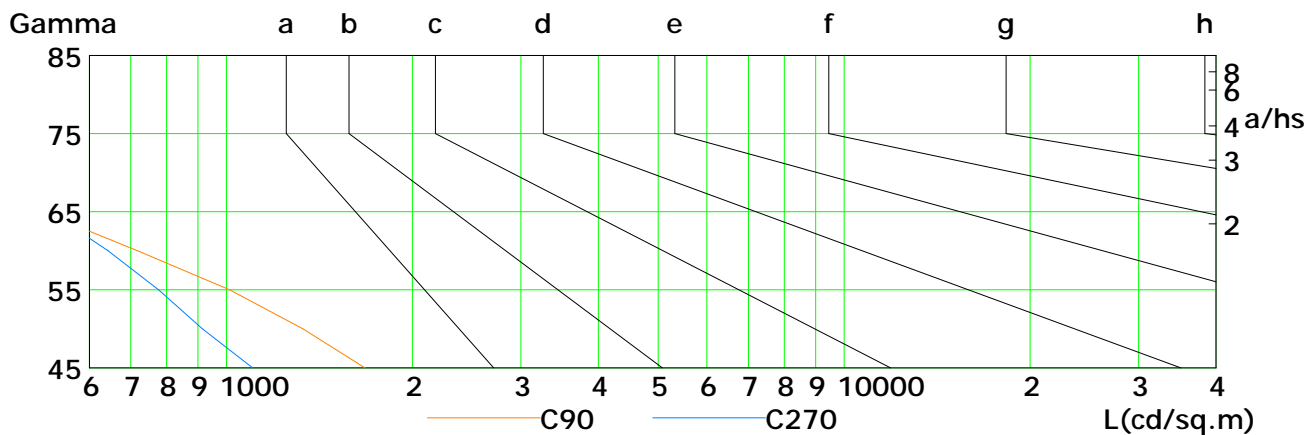
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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

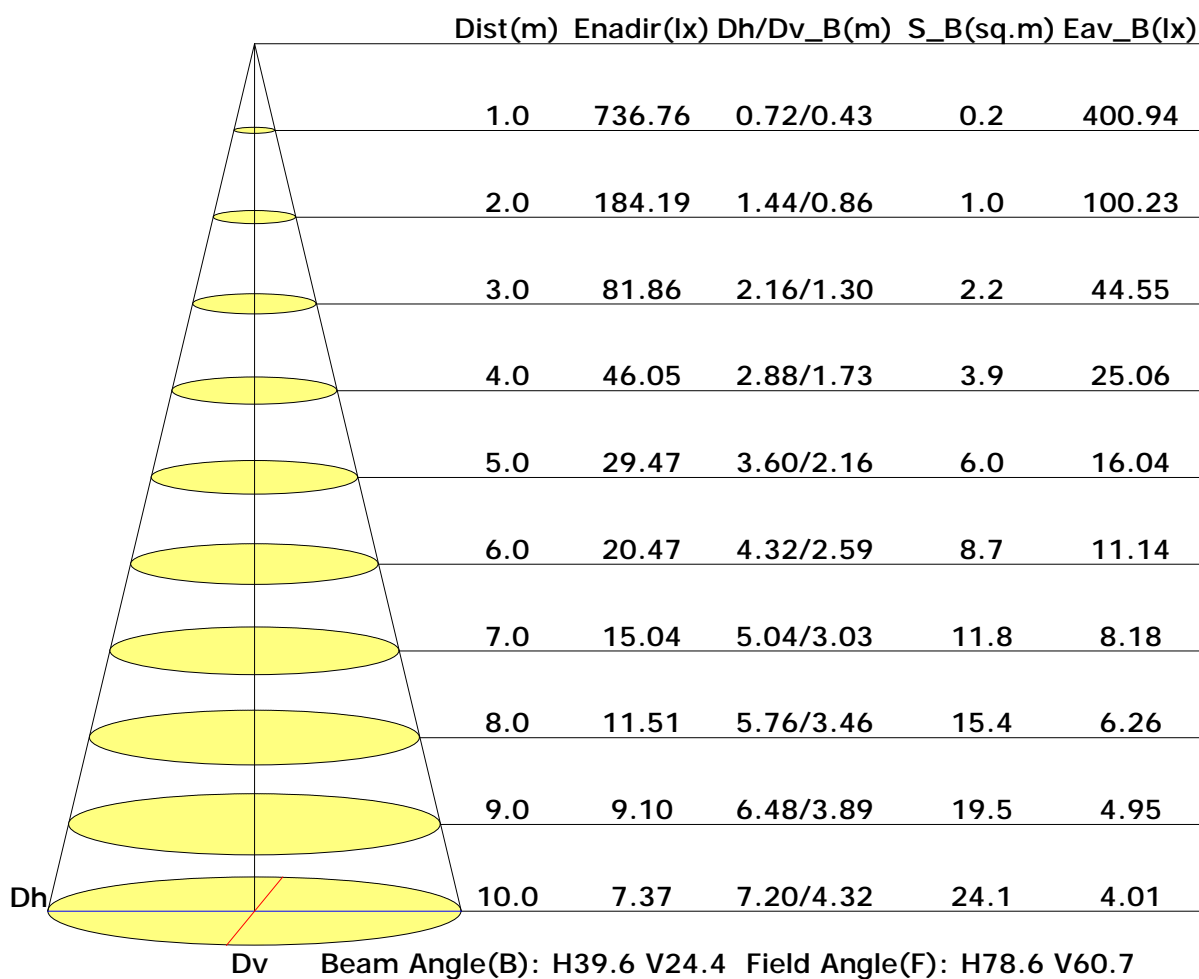


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1049	646	396	245	161	109	79	52	32
C90	1678	1330	1012	718	503	351	249	190	212
C180	850	516	310	192	126	91	63	39	22
C270	1103	915	776	643	519	411	316	236	238

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:

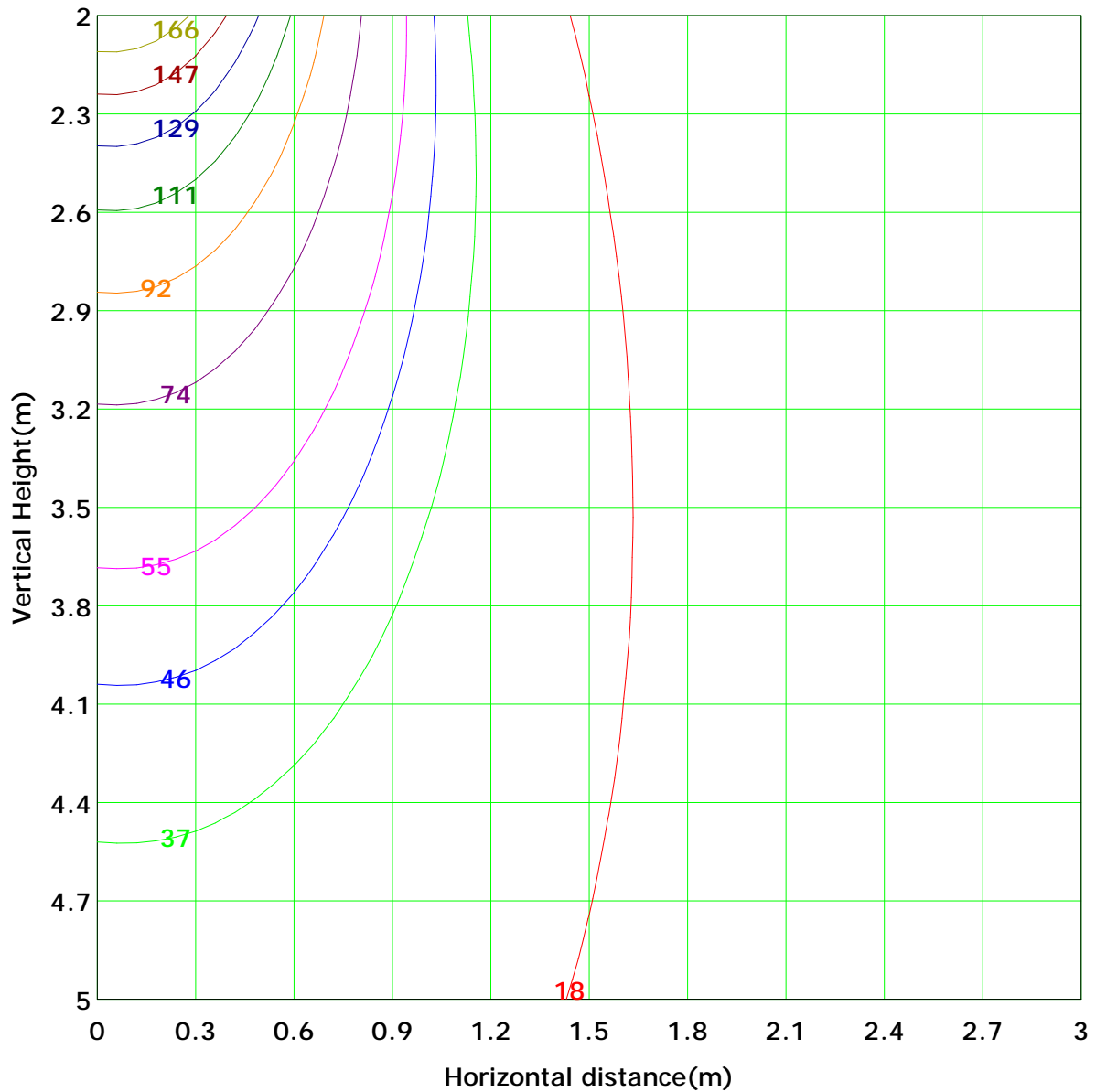
Illuminance at a Distance



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: 184.3 lx
(10%): 18.4 lx	(20%): 36.9 lx	
(25%): 46.1 lx	(30%): 55.3 lx	
(40%): 73.7 lx	(50%): 92.2 lx	
(60%): 110.6 lx	(70%): 129.0 lx	
(80%): 147.5 lx	(90%): 165.9 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

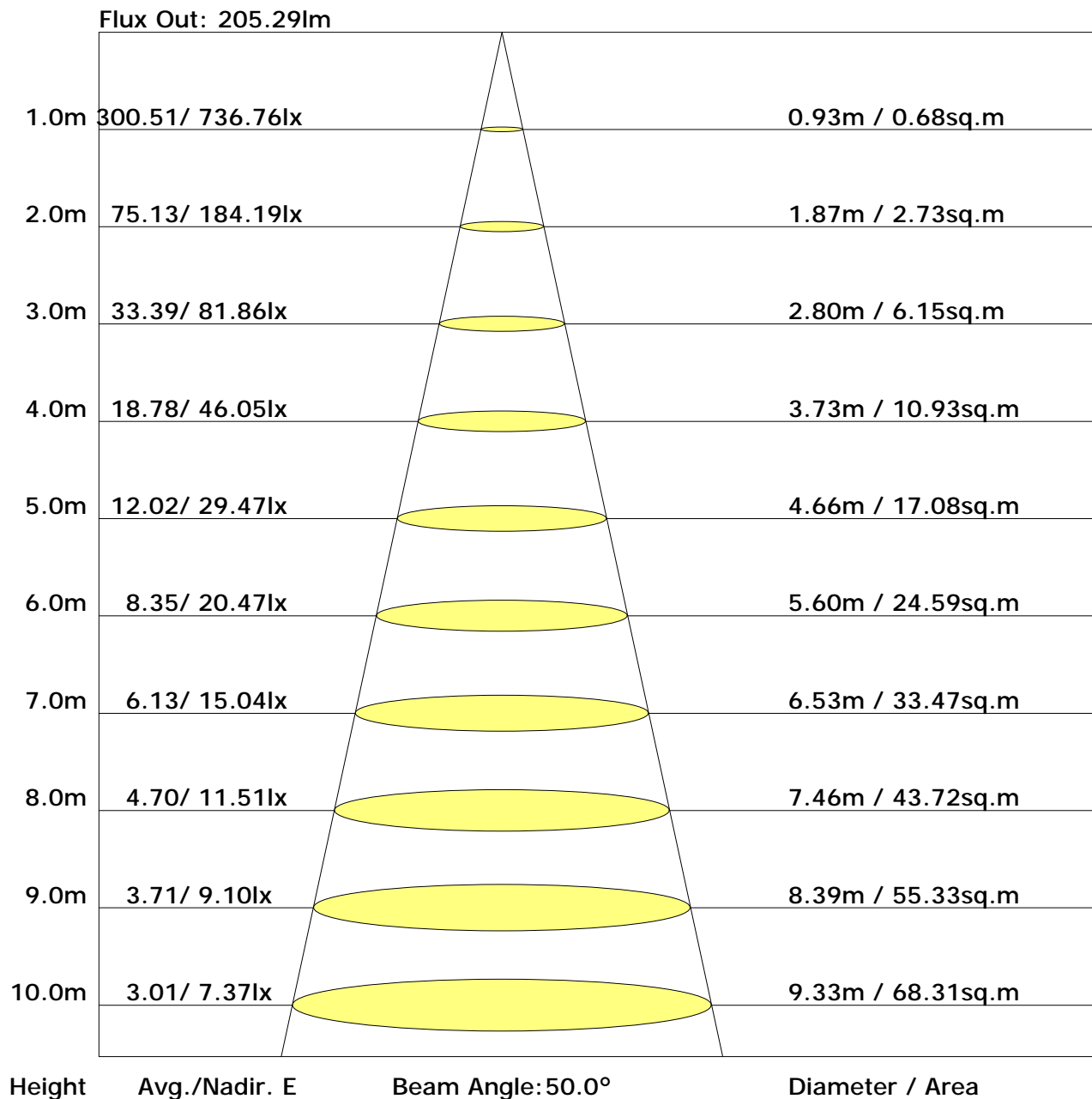
Vertical plane	Horizontal plane																	Flux(T) Flux(E)	Flux(T) Flux(E)	Flux(T) Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T) Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Flux(T)	0.0	0.2	0.7	2.1	5.6	13.1	27.2	47.2	65.6	68.4	51.3	29.8	14.6	6.3	2.4	0.9	0.3	0.1	336	
Flux(E)	0.0	0.0	0.0	0.0	0.0	5.5	20.9	41.0	59.3	62.1	45.0	23.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	265

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	9.0	10.1	9.4	10.4	10.8	7.3	8.3	7.7	8.7	9.1
3H	9.7	10.6	10.1	11.0	11.4	7.5	8.5	8.0	8.9	9.3
4H	9.9	10.8	10.4	11.2	11.6	7.6	8.4	8.0	8.8	9.3
6H	10.1	10.9	10.6	11.3	11.8	7.5	8.3	8.0	8.7	9.2
8H	10.2	10.9	10.7	11.4	11.8	7.5	8.2	7.9	8.7	9.1
12H	10.2	11.0	10.7	11.4	11.9	7.4	8.1	7.9	8.6	9.1
X=4H Y=2H	9.0	9.8	9.4	10.2	10.7	7.4	8.2	7.8	8.6	9.1
3H	9.7	10.4	10.1	10.8	11.3	7.7	8.4	8.2	8.9	9.3
4H	10.0	10.6	10.4	11.1	11.6	7.7	8.4	8.2	8.8	9.3
6H	10.2	10.7	10.7	11.2	11.8	7.7	8.2	8.2	8.7	9.3
8H	10.3	10.8	10.8	11.3	11.8	7.7	8.2	8.2	8.7	9.2
12H	10.4	10.8	10.9	11.3	11.9	7.6	8.1	8.2	8.6	9.1
X=8H Y=4H	9.8	10.4	10.4	10.8	11.4	7.7	8.2	8.2	8.7	9.2
6H	10.1	10.5	10.6	11.0	11.6	7.7	8.1	8.2	8.6	9.1
8H	10.2	10.6	10.8	11.1	11.7	7.6	8.0	8.2	8.5	9.1
12H	10.3	10.7	10.9	11.2	11.8	7.6	7.9	8.2	8.5	9.1
X=12H Y=4H	9.8	10.2	10.3	10.8	11.3	7.6	8.1	8.2	8.6	9.1
6H	10.0	10.4	10.6	10.9	11.5	7.6	8.0	8.2	8.5	9.1
8H	10.2	10.5	10.7	11.0	11.6	7.6	7.9	8.2	8.5	9.1

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 = 0.75								
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	0.83	0.90	0.94	0.97	1.01	1.04	1.06	1.09	1.10
	0.30		0.78	0.85	0.90	0.93	0.98	1.01	1.03	1.06	1.08
	0.20		0.75	0.81	0.86	0.90	0.95	0.98	1.01	1.04	1.06
0.50	0.50	0.20	0.81	0.88	0.92	0.94	0.98	1.01	1.02	1.04	1.06
	0.30		0.77	0.84	0.88	0.91	0.95	0.98	1.00	1.03	1.04
	0.20		0.74	0.81	0.85	0.88	0.93	0.96	0.98	1.01	1.03
0.30	0.50	0.20	0.80	0.86	0.89	0.92	0.95	0.97	0.99	1.01	1.02
	0.30		0.76	0.82	0.86	0.89	0.93	0.95	0.97	0.99	1.00
	0.20		0.74	0.80	0.84	0.87	0.91	0.93	0.95	0.98	0.99
0.00	0.00	0.00	0.72	0.77	0.81	0.84	0.87	0.89	0.91	0.93	0.94
Rating:9W 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	0.61	0.50	0.42	0.36	0.28	0.24	0.20	0.15	0.13
	0.30		0.51	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.12
	0.20		0.44	0.37	0.32	0.29	0.23	0.20	0.17	0.14	0.11
0.50	0.50	0.20	0.58	0.47	0.39	0.34	0.26	0.26	0.18	0.14	0.11
	0.30		0.49	0.40	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.42	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11
0.30	0.50	0.20	0.55	0.44	0.36	0.31	0.24	0.20	0.17	0.13	0.11
	0.30		0.47	0.38	0.33	0.28	0.22	0.19	0.16	0.12	0.10
	0.20		0.41	0.34	0.30	0.26	0.21	0.17	0.15	0.12	0.10
0.00	0.00	0.00	0.28	0.22	0.18	0.15	0.12	0.10	0.08	0.06	0.05
Rating: 9W 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	0.18	0.19	0.20	0.21	0.22	0.23	0.23	
	0.30		0.11	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.20	0.20	0.21	0.22	0.22	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.19	0.20	
	0.20		0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating:9W 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	734.5	0.7	0.7	0.20	0.20
1.0-2.0	730.4	2.1	2.8	0.61	0.81
2.0-3.0	722.2	3.5	6.3	1.01	1.82
3.0-4.0	709.4	4.7	11.0	1.38	3.20
4.0-5.0	691.9	6.0	17.0	1.73	4.94
5.0-6.0	669.4	7.0	24.0	2.05	6.98
6.0-7.0	642.6	8.0	32.0	2.32	9.31
7.0-8.0	612.5	8.8	40.7	2.55	11.86
8.0-9.0	579.8	9.4	50.1	2.74	14.59
9.0-10.0	545.8	9.9	60.0	2.88	17.47
10.0-11.0	511.8	10.2	70.2	2.98	20.45
11.0-12.0	478.1	10.5	80.7	3.04	23.49
12.0-13.0	445.5	10.6	91.3	3.08	26.57
13.0-14.0	414.4	10.6	101.9	3.09	29.66
14.0-15.0	384.5	10.6	112.4	3.07	32.73
15.0-16.0	356.6	10.4	122.9	3.04	35.77
16.0-17.0	330.5	10.3	133.2	3.00	38.77
17.0-18.0	305.5	10.1	143.3	2.93	41.70
18.0-19.0	282.0	9.8	153.1	2.86	44.56
19.0-20.0	260.4	9.5	162.6	2.77	47.33
20.0-21.0	240.0	9.2	171.8	2.68	50.02
21.0-22.0	221.0	8.9	180.7	2.59	52.60
22.0-23.0	203.6	8.5	189.2	2.49	55.09
23.0-24.0	187.5	8.2	197.4	2.39	57.48
24.0-25.0	172.6	7.8	205.3	2.28	59.76
25.0-26.0	158.8	7.5	212.8	2.18	61.94
26.0-27.0	146.2	7.2	219.9	2.08	64.03
27.0-28.0	134.6	6.8	226.8	1.98	66.01
28.0-29.0	124.0	6.5	233.2	1.89	67.90
29.0-30.0	114.2	6.2	239.4	1.80	69.69
30.0-31.0	105.2	5.9	245.3	1.70	71.40
31.0-32.0	96.9	5.6	250.8	1.62	73.01
32.0-33.0	89.4	5.3	256.1	1.53	74.55
33.0-34.0	82.4	5.0	261.1	1.45	76.00
34.0-35.0	76.0	4.7	265.8	1.37	77.37
35.0-36.0	70.1	4.5	270.3	1.30	78.67

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	64.8	4.2	274.5	1.23	79.90
37.0-38.0	59.8	4.0	278.5	1.16	81.06
38.0-39.0	55.2	3.8	282.2	1.10	82.16
39.0-40.0	51.0	3.6	285.8	1.04	83.20
40.0-41.0	47.2	3.4	289.2	0.98	84.18
41.0-42.0	43.7	3.2	292.3	0.92	85.10
42.0-43.0	40.4	3.0	295.3	0.87	85.97
43.0-44.0	37.4	2.8	298.2	0.82	86.80
44.0-45.0	34.7	2.7	300.8	0.78	87.57
45.0-46.0	32.1	2.5	303.3	0.73	88.30
46.0-47.0	29.8	2.4	305.7	0.69	88.99
47.0-48.0	27.6	2.2	307.9	0.65	89.64
48.0-49.0	25.6	2.1	310.0	0.61	90.25
49.0-50.0	23.7	2.0	312.0	0.57	90.83
50.0-51.0	21.9	1.9	313.9	0.54	91.37
51.0-52.0	20.3	1.7	315.6	0.51	91.87
52.0-53.0	18.7	1.6	317.2	0.47	92.35
53.0-54.0	17.3	1.5	318.7	0.44	92.79
54.0-55.0	15.9	1.4	320.2	0.41	93.20
55.0-56.0	14.7	1.3	321.5	0.39	93.59
56.0-57.0	13.5	1.2	322.7	0.36	93.95
57.0-58.0	12.4	1.1	323.9	0.33	94.28
58.0-59.0	11.3	1.1	324.9	0.31	94.59
59.0-60.0	10.4	1.0	325.9	0.29	94.88
60.0-61.0	9.5	0.9	326.8	0.26	95.14
61.0-62.0	8.7	0.8	327.7	0.24	95.39
62.0-63.0	7.9	0.8	328.4	0.22	95.61
63.0-64.0	7.2	0.7	329.1	0.21	95.82
64.0-65.0	6.6	0.7	329.8	0.19	96.01
65.0-66.0	6.0	0.6	330.4	0.17	96.18
66.0-67.0	5.5	0.6	331.0	0.16	96.34
67.0-68.0	5.0	0.5	331.5	0.15	96.49
68.0-69.0	4.5	0.5	331.9	0.13	96.62
69.0-70.0	4.1	0.4	332.3	0.12	96.75
70.0-71.0	3.7	0.4	332.7	0.11	96.86
71.0-72.0	3.4	0.4	333.1	0.10	96.96

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	3.1	0.3	333.4	0.09	97.05
73.0-74.0	2.7	0.3	333.7	0.08	97.14
74.0-75.0	2.5	0.3	333.9	0.08	97.21
75.0-76.0	2.2	0.2	334.2	0.07	97.28
76.0-77.0	2.0	0.2	334.4	0.06	97.34
77.0-78.0	1.8	0.2	334.6	0.05	97.40
78.0-79.0	1.6	0.2	334.8	0.05	97.45
79.0-80.0	1.4	0.2	334.9	0.04	97.49
80.0-81.0	1.2	0.1	335.0	0.04	97.53
81.0-82.0	1.1	0.1	335.2	0.03	97.57
82.0-83.0	1.0	0.1	335.3	0.03	97.60
83.0-84.0	0.9	0.1	335.4	0.03	97.63
84.0-85.0	0.8	0.1	335.5	0.03	97.65
85.0-86.0	0.8	0.1	335.5	0.02	97.68
86.0-87.0	0.7	0.1	335.6	0.02	97.70
87.0-88.0	0.7	0.1	335.7	0.02	97.72
88.0-89.0	0.7	0.1	335.8	0.02	97.75
89.0-90.0	0.7	0.1	335.8	0.02	97.77
90.0-91.0	0.7	0.1	335.9	0.02	97.79
91.0-92.0	0.7	0.1	336.0	0.02	97.81
92.0-93.0	0.7	0.1	336.1	0.02	97.83
93.0-94.0	0.7	0.1	336.1	0.02	97.86
94.0-95.0	0.7	0.1	336.2	0.02	97.88
95.0-96.0	0.7	0.1	336.3	0.02	97.90
96.0-97.0	0.7	0.1	336.4	0.02	97.92
97.0-98.0	0.7	0.1	336.5	0.02	97.94
98.0-99.0	0.7	0.1	336.5	0.02	97.97
99.0-100.0	0.7	0.1	336.6	0.02	97.99
100.0-101.0	0.7	0.1	336.7	0.02	98.01
101.0-102.0	0.7	0.1	336.8	0.02	98.03
102.0-103.0	0.7	0.1	336.8	0.02	98.06
103.0-104.0	0.7	0.1	336.9	0.02	98.08
104.0-105.0	0.7	0.1	337.0	0.02	98.10
105.0-106.0	0.8	0.1	337.1	0.02	98.13
106.0-107.0	0.8	0.1	337.2	0.02	98.15
107.0-108.0	0.8	0.1	337.2	0.02	98.17

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	0.8	0.1	337.3	0.02	98.20
109.0-110.0	0.8	0.1	337.4	0.02	98.22
110.0-111.0	0.8	0.1	337.5	0.02	98.24
111.0-112.0	0.8	0.1	337.6	0.02	98.27
112.0-113.0	0.8	0.1	337.6	0.02	98.29
113.0-114.0	0.8	0.1	337.7	0.02	98.32
114.0-115.0	0.8	0.1	337.8	0.02	98.34
115.0-116.0	0.9	0.1	337.9	0.02	98.37
116.0-117.0	0.9	0.1	338.0	0.03	98.39
117.0-118.0	0.9	0.1	338.1	0.03	98.42
118.0-119.0	0.9	0.1	338.2	0.03	98.44
119.0-120.0	0.9	0.1	338.3	0.03	98.47
120.0-121.0	1.0	0.1	338.3	0.03	98.49
121.0-122.0	1.0	0.1	338.4	0.03	98.52
122.0-123.0	1.0	0.1	338.5	0.03	98.55
123.0-124.0	1.0	0.1	338.6	0.03	98.57
124.0-125.0	1.0	0.1	338.7	0.03	98.60
125.0-126.0	1.1	0.1	338.8	0.03	98.63
126.0-127.0	1.1	0.1	338.9	0.03	98.66
127.0-128.0	1.1	0.1	339.0	0.03	98.69
128.0-129.0	1.1	0.1	339.1	0.03	98.71
129.0-130.0	1.2	0.1	339.2	0.03	98.74
130.0-131.0	1.2	0.1	339.3	0.03	98.77
131.0-132.0	1.2	0.1	339.4	0.03	98.80
132.0-133.0	1.3	0.1	339.5	0.03	98.83
133.0-134.0	1.3	0.1	339.6	0.03	98.86
134.0-135.0	1.4	0.1	339.7	0.03	98.89
135.0-136.0	1.4	0.1	339.8	0.03	98.92
136.0-137.0	1.4	0.1	339.9	0.03	98.96
137.0-138.0	1.5	0.1	340.0	0.03	98.99
138.0-139.0	1.5	0.1	340.1	0.03	99.02
139.0-140.0	1.6	0.1	340.3	0.03	99.05
140.0-141.0	1.6	0.1	340.4	0.03	99.08
141.0-142.0	1.7	0.1	340.5	0.03	99.12
142.0-143.0	1.7	0.1	340.6	0.03	99.15
143.0-144.0	1.8	0.1	340.7	0.03	99.18

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 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.8	0.1	340.8	0.03	99.22
145.0-146.0	1.9	0.1	340.9	0.03	99.25
146.0-147.0	1.9	0.1	341.1	0.03	99.29
147.0-148.0	2.0	0.1	341.2	0.03	99.32
148.0-149.0	2.0	0.1	341.3	0.03	99.35
149.0-150.0	2.1	0.1	341.4	0.03	99.39
150.0-151.0	2.1	0.1	341.5	0.03	99.42
151.0-152.0	2.2	0.1	341.6	0.03	99.46
152.0-153.0	2.2	0.1	341.8	0.03	99.49
153.0-154.0	2.3	0.1	341.9	0.03	99.52
154.0-155.0	2.3	0.1	342.0	0.03	99.55
155.0-156.0	2.4	0.1	342.1	0.03	99.58
156.0-157.0	2.4	0.1	342.2	0.03	99.62
157.0-158.0	2.5	0.1	342.3	0.03	99.65
158.0-159.0	2.5	0.1	342.4	0.03	99.67
159.0-160.0	2.5	0.1	342.5	0.03	99.70
160.0-161.0	2.6	0.1	342.6	0.03	99.73
161.0-162.0	2.6	0.1	342.7	0.03	99.76
162.0-163.0	2.6	0.1	342.8	0.03	99.78
163.0-164.0	2.6	0.1	342.8	0.02	99.81
164.0-165.0	2.7	0.1	342.9	0.02	99.83
165.0-166.0	2.7	0.1	343.0	0.02	99.85
166.0-167.0	2.7	0.1	343.1	0.02	99.87
167.0-168.0	2.7	0.1	343.1	0.02	99.89
168.0-169.0	2.7	0.1	343.2	0.02	99.91
169.0-170.0	2.8	0.1	343.2	0.02	99.92
170.0-171.0	2.8	0.1	343.3	0.01	99.94
171.0-172.0	2.8	0.0	343.3	0.01	99.95
172.0-173.0	2.8	0.0	343.4	0.01	99.96
173.0-174.0	2.8	0.0	343.4	0.01	99.97
174.0-175.0	2.8	0.0	343.4	0.01	99.98
175.0-176.0	2.8	0.0	343.5	0.01	99.99
176.0-177.0	2.8	0.0	343.5	0.01	99.99
177.0-178.0	2.8	0.0	343.5	0.00	100.00
178.0-179.0	2.8	0.0	343.5	0.00	100.00
179.0-180.0	2.8	0.0	343.5	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: