

Report No.:

Test Time: 2022/11/25 15:42

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Silhouette Plus

Luminaire Description: Neon Silhouette Plus VW-All on

Lamp Catalog: NLSP4.5VW-All on

Luminous Length (mm): 500

Luminous Height (mm): 20

Current: 0.294 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 12

Voltage: 24.0 V

Power: 7.06 W

Photometric Results

CIE Class: Direct

Measurement Flux: 305.9 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H166.1,H110.4

Vertical Diffuse Angle(10%,50%): V168.8,V110.1

Luminaire Efficacy Rating (LER): 43

Max. Intensity: 103.95 cd

Total Rated Lamp Lumens: 305.9 lm

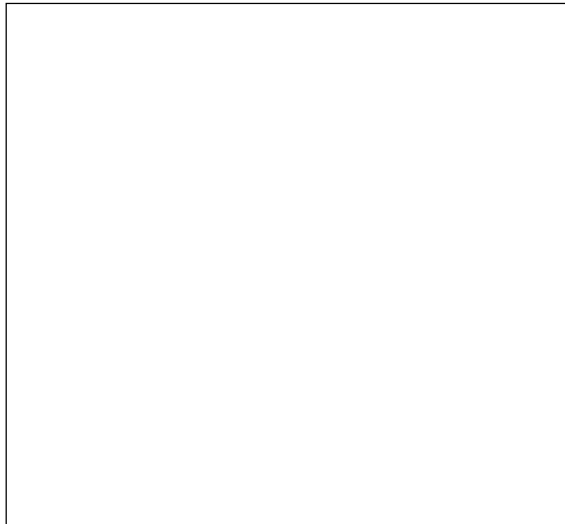
Efficiency: 100%

Upward Ratio: 3%

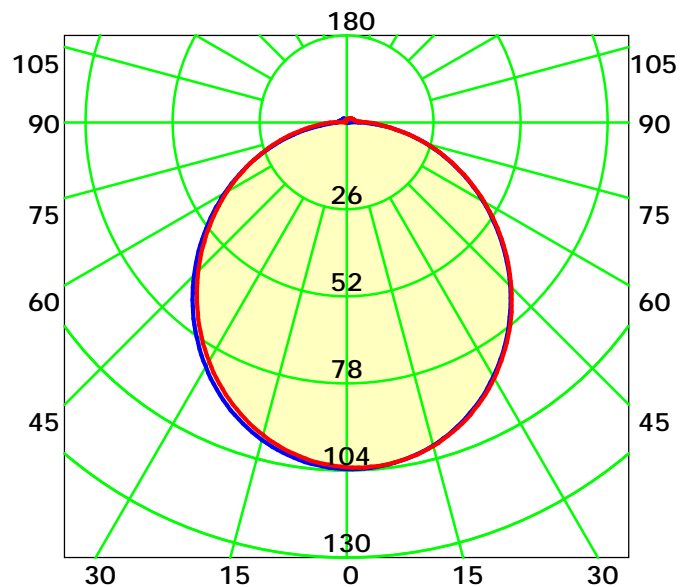
Central Intensity: 103.9 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 110.3° 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

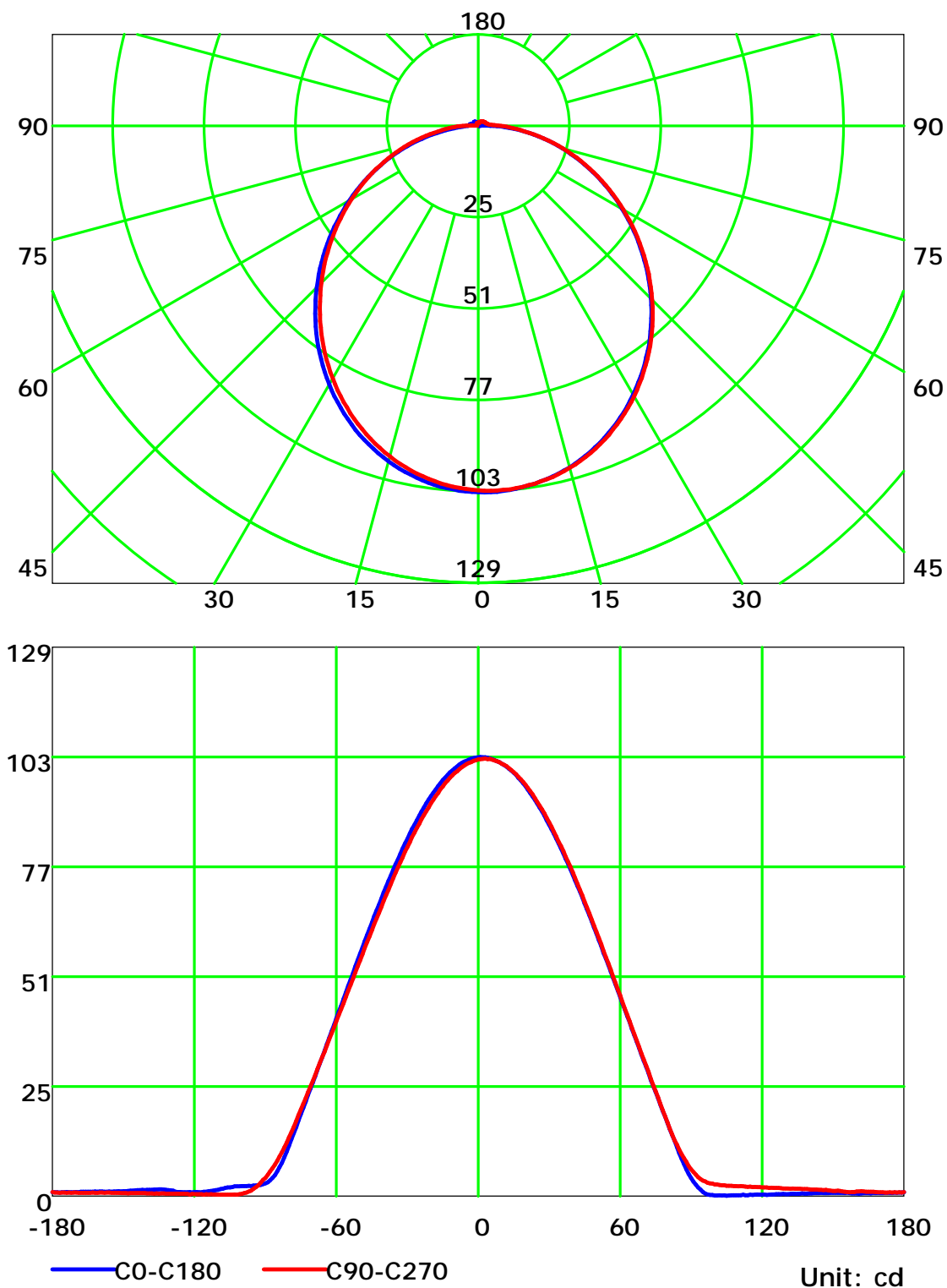
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

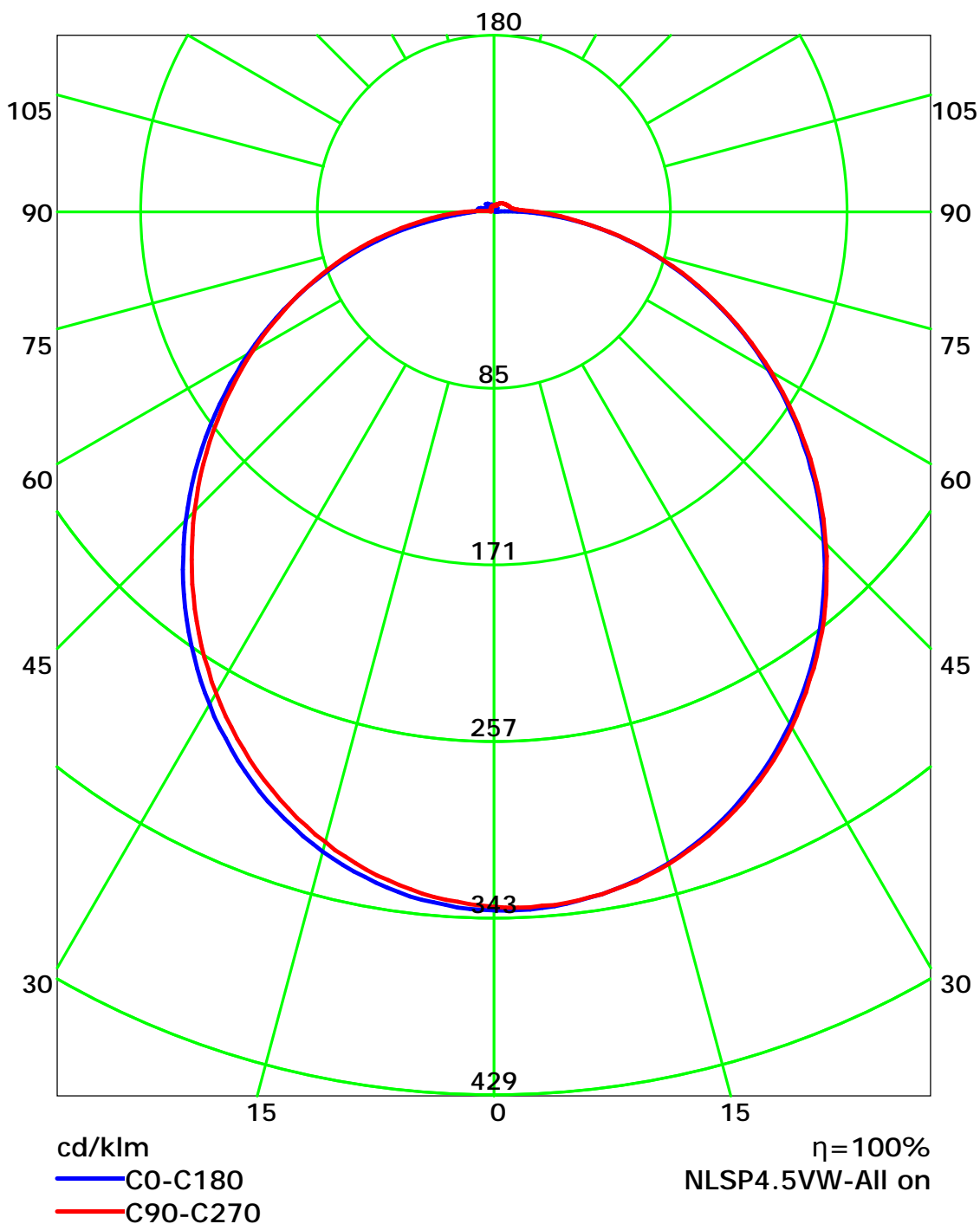
Luminous Intensity Distribution Curve



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:

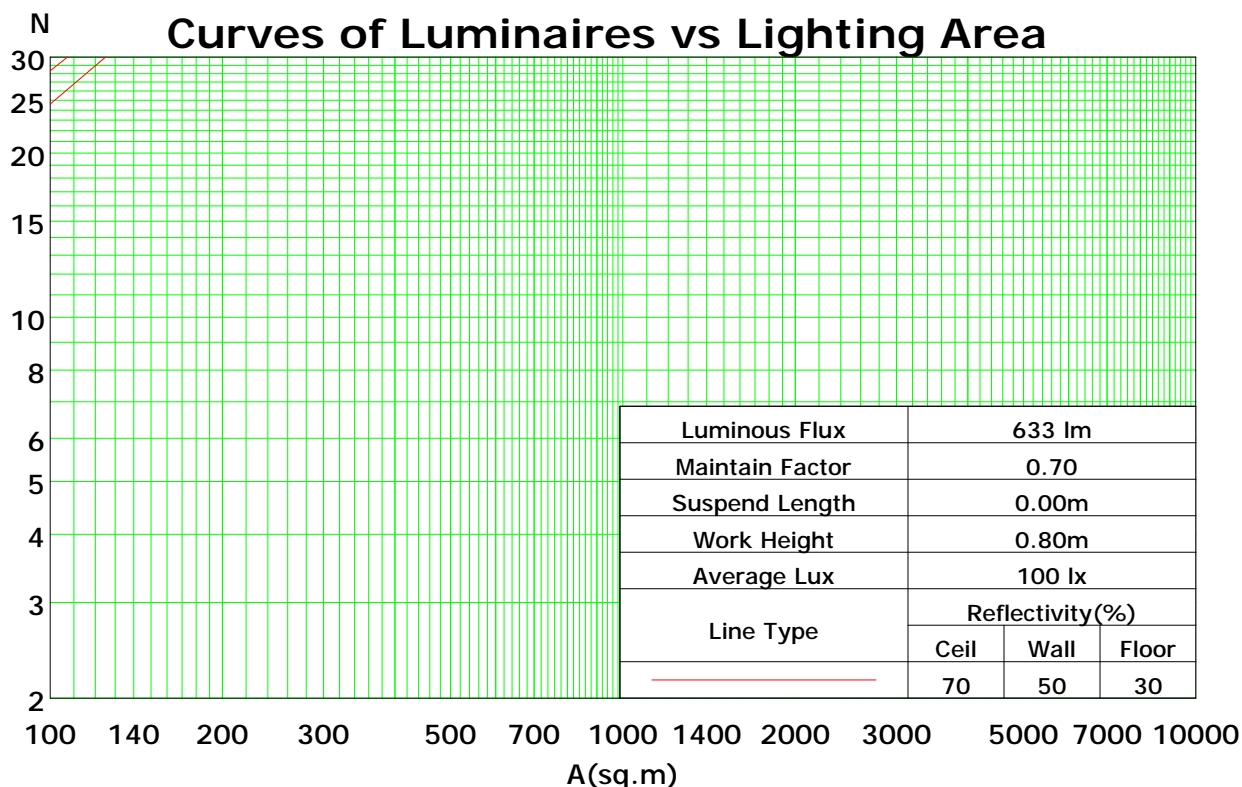
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	104	104	104	100	100	100	97
1	107	102	98	94	104	100	96	92	95	92	88	91	88	85	87	84	82	80
2	97	89	82	76	94	87	80	75	83	77	73	79	74	70	76	72	68	66
3	89	78	69	63	86	76	68	62	73	66	61	69	64	59	67	62	58	55
4	81	69	60	53	79	67	59	53	64	57	52	62	56	51	59	54	50	47
5	75	62	52	46	72	60	52	45	58	50	45	55	49	44	53	48	43	41
6	69	55	46	40	67	54	46	40	52	45	39	50	44	38	48	42	38	36
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	37	32	27	25
10	52	39	31	26	51	38	31	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.23

Spacing Criteria (Diagonal): 1.35



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

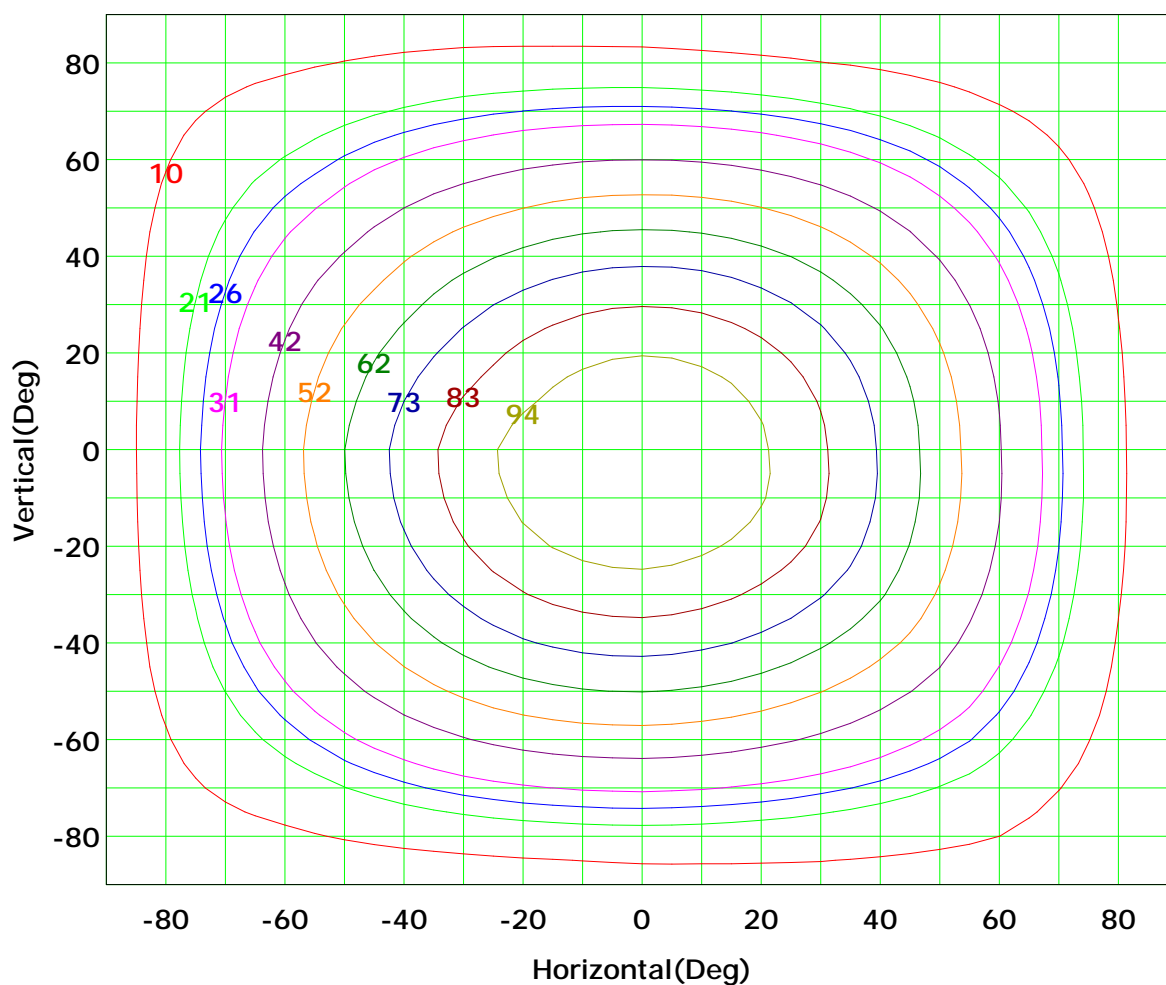
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



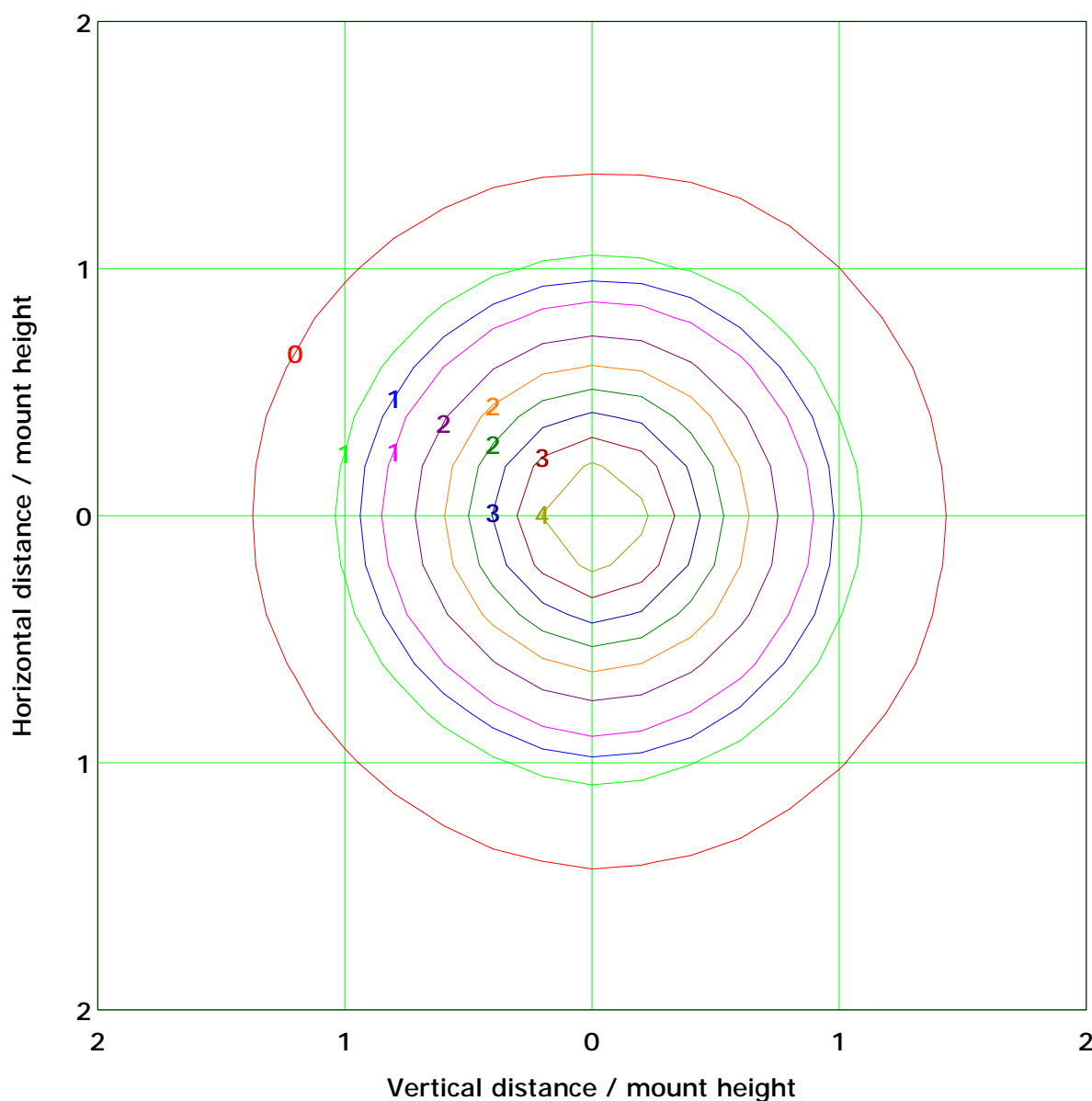
I_{max} (100%): 104 cd

(10%):	10 cd	(20%):	21 cd
(25%):	26 cd	(30%):	31 cd
(40%):	42 cd	(50%):	52 cd
(60%):	62 cd	(70%):	73 cd
(80%):	83 cd	(90%):	94 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%): 4.2 lx	
(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.0 lx	(30%): 1.2 lx
(40%): 1.7 lx	(50%): 2.1 lx
(60%): 2.5 lx	(70%): 2.9 lx
(80%): 3.3 lx	(90%): 3.7 lx

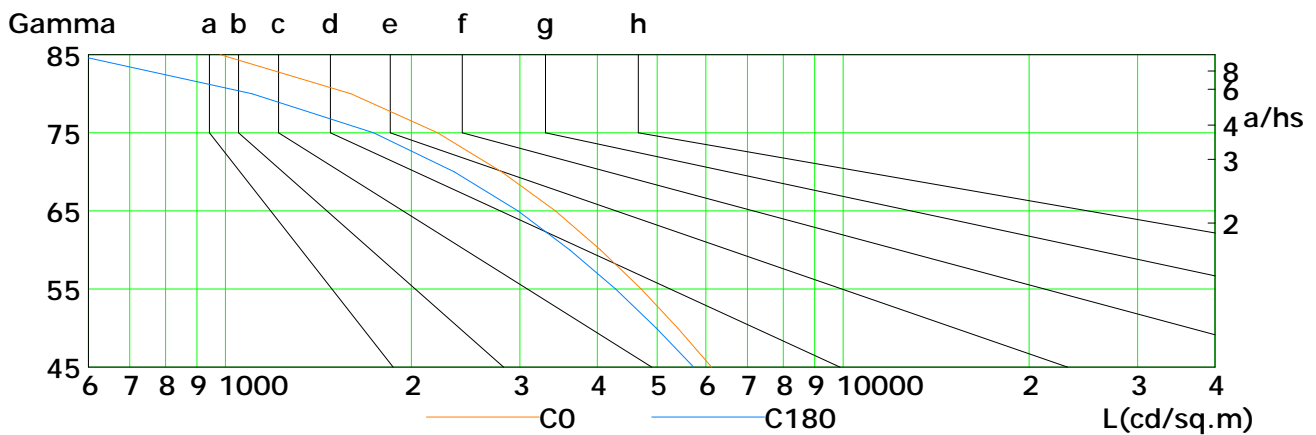
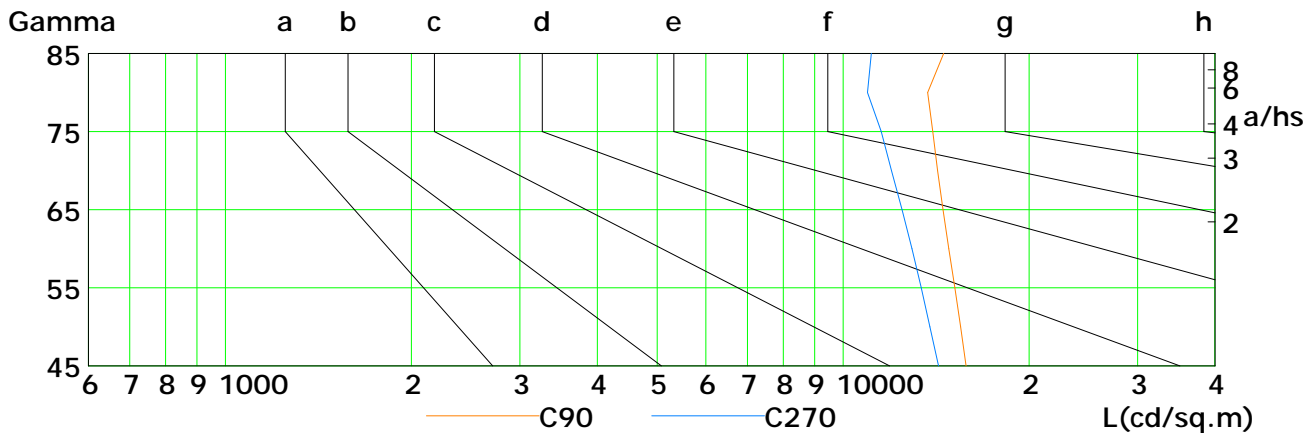
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



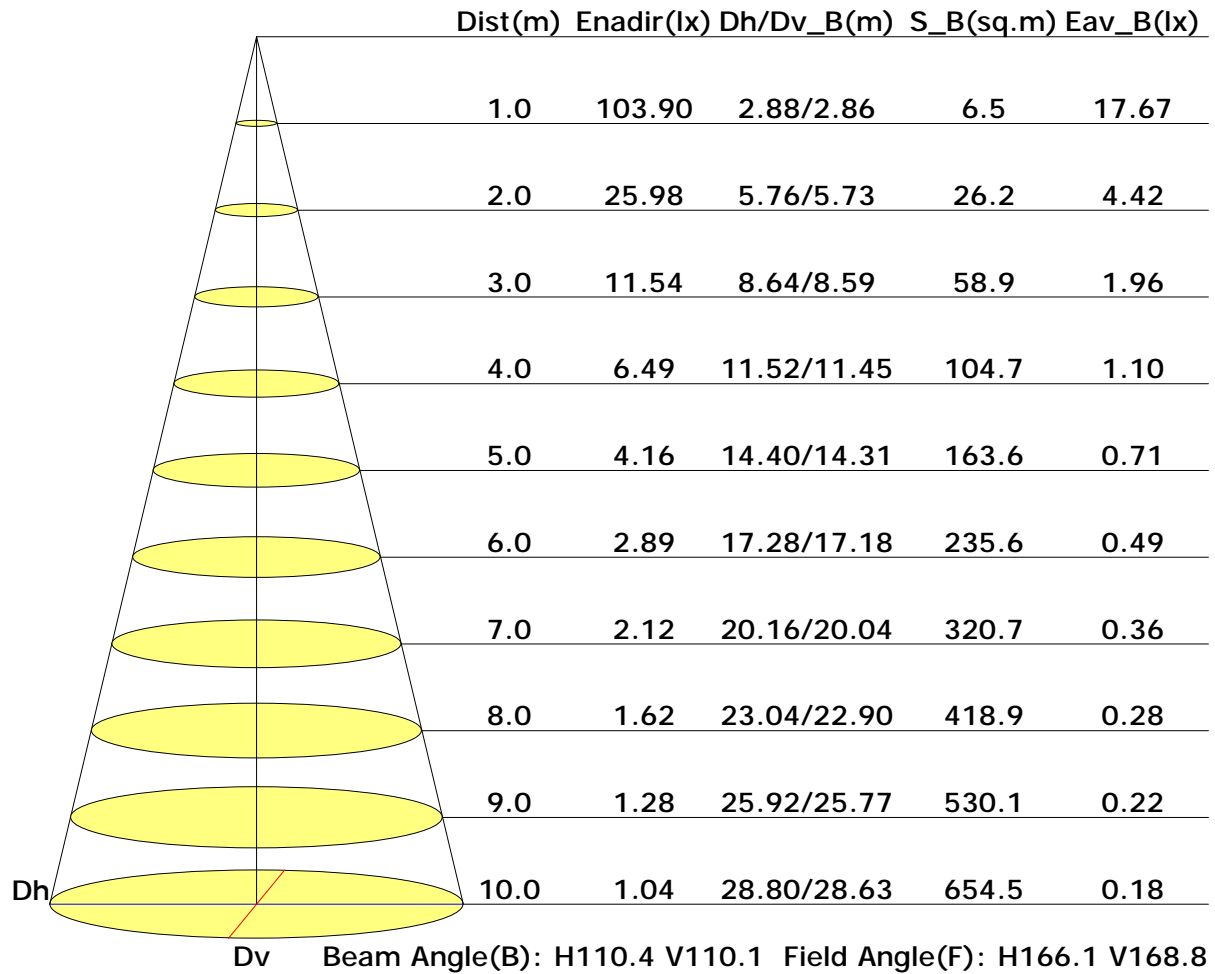
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6129	5402	4711	4048	3421	2802	2206	1597	981
C90	15815	15500	15167	14832	14510	14225	13974	13714	14553
C180	5728	4986	4284	3611	2978	2349	1737	1105	568
C270	14280	13822	13386	12928	12454	11986	11531	10960	11115

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

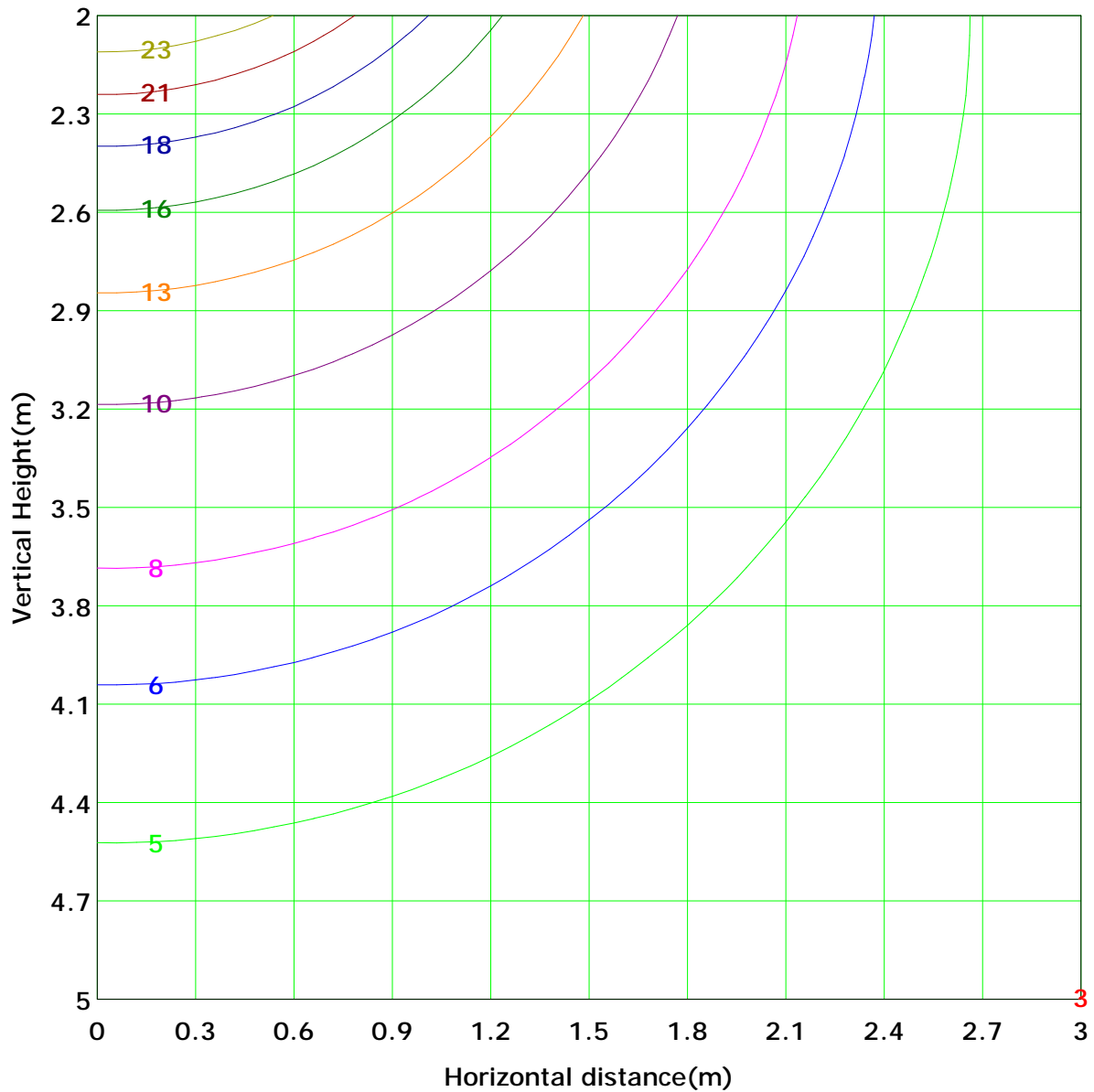


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 26.0 lx
(10%): 2.6 lx	(20%): 5.2 lx	
(25%): 6.5 lx	(30%): 7.8 lx	
(40%): 10.4 lx	(50%): 13.0 lx	
(60%): 15.6 lx	(70%): 18.2 lx	
(80%): 20.8 lx	(90%): 23.4 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

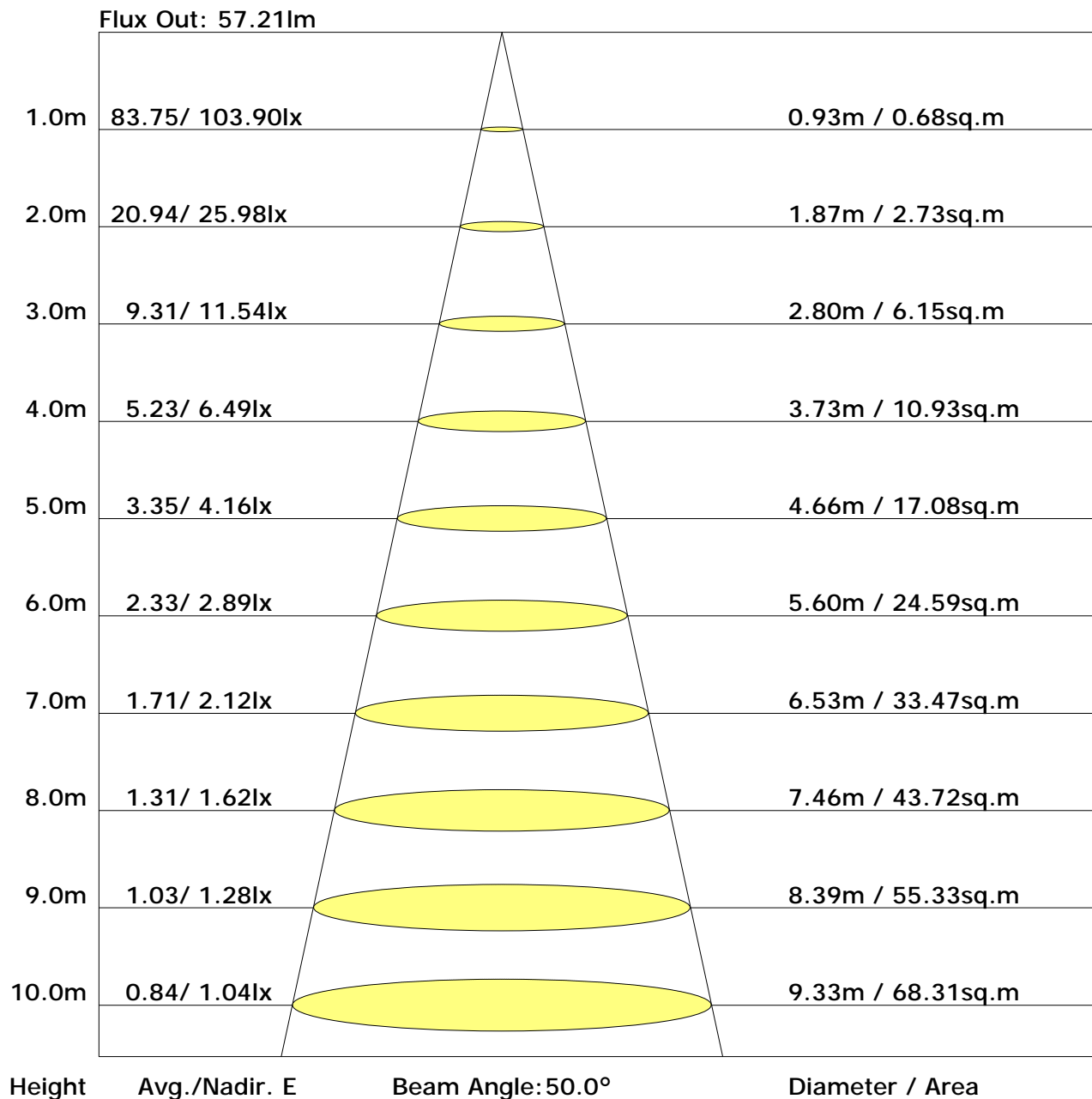
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.3	0.0
	-80	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	1.9	1.5
	-70	0.0	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.2	1.2	1.1	1.0	0.8	0.6	0.5	0.3	0.0	0.0	5.2	4.9
	-60	0.0	0.1	0.2	0.4	0.7	1.0	1.2	1.5	1.5	1.7	1.7	1.5	1.3	1.0	0.8	0.6	0.4	0.1	0.0	9.9	9.7
	-50	0.0	0.1	0.3	0.6	0.9	1.2	1.5	1.9	1.9	2.1	2.1	1.9	1.6	1.2	0.9	0.7	0.4	0.1	0.0	15.7	15.4
	-40	0.0	0.1	0.3	0.6	0.9	1.2	1.5	1.9	2.3	2.5	2.5	2.3	2.0	1.6	1.3	1.0	0.6	0.1	0.0	21.7	21.4
	-30	0.0	0.1	0.4	0.7	1.1	1.5	1.9	2.3	2.7	2.9	2.9	2.7	2.4	2.0	1.7	1.3	0.8	0.3	0.0	27.2	26.9
	-20	0.0	0.1	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	31.4	31.1
	-10	0.0	0.2	0.4	0.9	1.4	1.9	2.3	2.7	3.1	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	33.7	33.4
	0	0.0	0.2	0.5	0.9	1.4	1.9	2.3	2.7	3.1	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	33.7	33.5
	10	0.0	0.2	0.5	0.9	1.4	1.9	2.3	2.7	3.1	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	31.6	31.3
	20	0.0	0.2	0.4	0.9	1.4	1.9	2.3	2.7	3.1	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	27.6	27.3
	30	0.0	0.1	0.4	0.8	1.3	1.8	2.3	2.7	3.1	3.1	3.1	2.9	2.6	2.3	2.0	1.6	1.1	0.6	0.3	22.2	22.0
	40	0.0	0.1	0.4	0.7	1.2	1.6	2.0	2.3	2.7	2.9	2.9	2.7	2.4	2.0	1.7	1.4	1.0	0.7	0.4	16.3	16.1
	50	0.0	0.1	0.3	0.6	1.0	1.4	1.7	2.0	2.3	2.5	2.5	2.3	2.0	1.6	1.3	0.9	0.6	0.4	0.1	10.6	10.4
	60	0.0	0.1	0.3	0.5	0.8	1.1	1.3	1.5	1.7	1.9	1.9	1.7	1.4	1.1	0.8	0.5	0.3	0.1	0.0	5.9	5.6
	70	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.4	1.1	0.8	0.6	0.4	0.2	0.1	0.0	2.4	2.1
	80	0.0	0.1	0.1	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.4	0.2
	90	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0		
																					297	293

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	23.4	25.0	23.8	25.4	25.7	21.4	23.0	21.9	23.4	23.8
3H	25.4	26.9	25.8	27.3	27.7	22.9	24.4	23.4	24.8	25.2
4H	26.3	27.6	26.7	28.0	28.5	23.5	24.8	23.9	25.2	25.7
6H	27.0	28.3	27.5	28.7	29.2	23.8	25.1	24.3	25.5	26.0
8H	27.3	28.5	27.8	29.0	29.4	24.0	25.2	24.4	25.6	26.1
12H	27.6	28.8	28.1	29.2	29.7	24.0	25.2	24.5	25.6	26.1
X=4H Y=2H	23.7	25.0	24.1	25.4	25.9	22.1	23.5	22.6	23.9	24.3
3H	25.8	27.0	26.3	27.4	27.9	23.8	24.9	24.2	25.4	25.9
4H	26.8	27.8	27.2	28.3	28.8	24.4	25.5	24.9	25.9	26.4
6H	27.6	28.5	28.1	29.0	29.5	24.9	25.8	25.4	26.3	26.8
8H	28.0	28.8	28.5	29.3	29.9	25.1	25.9	25.6	26.4	27.0
12H	28.3	29.1	28.8	29.6	30.1	25.2	26.0	25.7	26.5	27.0
X=8H Y=4H	26.9	27.7	27.4	28.2	28.8	24.8	25.6	25.3	26.1	26.7
6H	27.8	28.5	28.3	29.0	29.6	25.3	26.1	25.9	26.6	27.2
8H	28.2	28.8	28.7	29.4	29.9	25.6	26.2	26.1	26.8	27.3
12H	28.6	29.1	29.1	29.7	30.3	25.8	26.3	26.3	26.9	27.5
X=12H Y=4H	26.9	27.7	27.4	28.2	28.7	24.8	25.6	25.3	26.1	26.6
6H	27.8	28.4	28.3	29.0	29.5	25.4	26.1	26.0	26.6	27.2
8H	28.2	28.8	28.8	29.3	29.9	25.7	26.3	26.2	26.8	27.4

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 = 1.25								
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	0.55	0.65	0.72	0.78	0.85	0.90	0.94	0.98	1.01
	0.30		0.47	0.57	0.65	0.70	0.79	0.84	0.88	0.94	0.98
	0.20		0.41	0.51	0.59	0.65	0.73	0.79	0.84	0.90	0.94
0.50	0.50	0.20	0.53	0.63	0.70	0.75	0.81	0.86	0.89	0.94	0.97
	0.30		0.46	0.56	0.63	0.68	0.76	0.81	0.85	0.90	0.93
	0.20		0.41	0.51	0.58	0.63	0.71	0.77	0.81	0.87	0.91
0.30	0.50	0.20	0.52	0.61	0.67	0.72	0.78	0.82	0.86	0.90	0.92
	0.30		0.45	0.55	0.61	0.66	0.73	0.78	0.82	0.87	0.90
	0.20		0.40	0.50	0.57	0.62	0.70	0.75	0.79	0.84	0.87
0.00	0.00	0.00	0.38	0.47	0.54	0.59	0.66	0.71	0.74	0.79	0.82
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 = 1.25									
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	1.01	0.84	0.72	0.63	0.51	0.42	0.36	0.28	0.23	
	0.30		0.84	0.72	0.63	0.56	0.46	0.39	0.34	0.27	0.22	
	0.20		0.72	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.97	0.80	0.69	0.60	0.48	0.43	0.35	0.27	0.22	
	0.30		0.82	0.70	0.61	0.54	0.44	0.37	0.32	0.26	0.21	
	0.20		0.71	0.61	0.54	0.49	0.41	0.35	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.77	0.66	0.57	0.46	0.38	0.33	0.26	0.21	
	0.30		0.80	0.68	0.59	0.52	0.42	0.36	0.31	0.25	0.20	
	0.20		0.70	0.60	0.53	0.48	0.39	0.34	0.29	0.23	0.20	
0.00	0.00	0.00	0.60	0.50	0.44	0.39	0.32	0.27	0.23	0.18	0.15	
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 = 1.25								
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	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.25
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.18	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.23
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.22
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
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	103.4	0.1	0.1	0.03	0.03
1.0-2.0	103.4	0.3	0.4	0.10	0.13
2.0-3.0	103.3	0.5	0.9	0.16	0.29
3.0-4.0	103.2	0.7	1.6	0.23	0.52
4.0-5.0	103.0	0.9	2.5	0.29	0.81
5.0-6.0	102.8	1.1	3.5	0.35	1.16
6.0-7.0	102.6	1.3	4.8	0.42	1.58
7.0-8.0	102.3	1.5	6.3	0.48	2.05
8.0-9.0	102.0	1.7	7.9	0.54	2.59
9.0-10.0	101.6	1.8	9.8	0.60	3.20
10.0-11.0	101.2	2.0	11.8	0.66	3.86
11.0-12.0	100.8	2.2	14.0	0.72	4.58
12.0-13.0	100.3	2.4	16.4	0.78	5.35
13.0-14.0	99.7	2.6	18.9	0.83	6.19
14.0-15.0	99.2	2.7	21.7	0.89	7.08
15.0-16.0	98.6	2.9	24.5	0.94	8.02
16.0-17.0	97.9	3.0	27.6	1.00	9.02
17.0-18.0	97.2	3.2	30.8	1.05	10.07
18.0-19.0	96.5	3.4	34.2	1.10	11.17
19.0-20.0	95.8	3.5	37.7	1.15	12.31
20.0-21.0	95.0	3.6	41.3	1.19	13.50
21.0-22.0	94.1	3.8	45.1	1.24	14.74
22.0-23.0	93.3	3.9	49.0	1.28	16.02
23.0-24.0	92.4	4.0	53.1	1.32	17.34
24.0-25.0	91.4	4.2	57.2	1.36	18.70
25.0-26.0	90.5	4.3	61.5	1.40	20.10
26.0-27.0	89.5	4.4	65.9	1.43	21.53
27.0-28.0	88.5	4.5	70.3	1.46	22.99
28.0-29.0	87.4	4.6	74.9	1.50	24.49
29.0-30.0	86.3	4.7	79.6	1.52	26.01
30.0-31.0	85.2	4.7	84.3	1.55	27.56
31.0-32.0	84.1	4.8	89.1	1.57	29.14
32.0-33.0	82.9	4.9	94.0	1.60	30.73
33.0-34.0	81.7	4.9	99.0	1.62	32.35
34.0-35.0	80.5	5.0	104.0	1.63	33.99
35.0-36.0	79.3	5.1	109.0	1.65	35.64

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	78.1	5.1	114.1	1.66	37.30
37.0-38.0	76.8	5.1	119.2	1.68	38.98
38.0-39.0	75.5	5.2	124.4	1.68	40.66
39.0-40.0	74.2	5.2	129.6	1.69	42.35
40.0-41.0	72.8	5.2	134.8	1.70	44.05
41.0-42.0	71.5	5.2	140.0	1.70	45.74
42.0-43.0	70.1	5.2	145.1	1.70	47.44
43.0-44.0	68.7	5.2	150.3	1.70	49.14
44.0-45.0	67.3	5.2	155.5	1.69	50.83
45.0-46.0	65.9	5.2	160.7	1.69	52.51
46.0-47.0	64.5	5.1	165.8	1.68	54.19
47.0-48.0	63.0	5.1	170.9	1.67	55.86
48.0-49.0	61.6	5.1	176.0	1.65	57.51
49.0-50.0	60.2	5.0	181.0	1.64	59.15
50.0-51.0	58.7	5.0	185.9	1.62	60.77
51.0-52.0	57.2	4.9	190.8	1.60	62.38
52.0-53.0	55.7	4.8	195.7	1.59	63.96
53.0-54.0	54.2	4.8	200.5	1.56	65.53
54.0-55.0	52.7	4.7	205.2	1.54	67.07
55.0-56.0	51.3	4.6	209.8	1.51	68.58
56.0-57.0	49.8	4.6	214.4	1.49	70.07
57.0-58.0	48.3	4.5	218.8	1.46	71.53
58.0-59.0	46.8	4.4	223.2	1.43	72.95
59.0-60.0	45.3	4.3	227.5	1.40	74.35
60.0-61.0	43.8	4.2	231.7	1.37	75.72
61.0-62.0	42.3	4.1	235.7	1.33	77.05
62.0-63.0	40.8	4.0	239.7	1.30	78.35
63.0-64.0	39.3	3.9	243.5	1.26	79.61
64.0-65.0	37.8	3.7	247.3	1.22	80.83
65.0-66.0	36.3	3.6	250.9	1.18	82.01
66.0-67.0	34.8	3.5	254.4	1.14	83.16
67.0-68.0	33.3	3.4	257.8	1.10	84.26
68.0-69.0	31.8	3.2	261.0	1.06	85.32
69.0-70.0	30.4	3.1	264.2	1.02	86.34
70.0-71.0	28.9	3.0	267.1	0.98	87.31
71.0-72.0	27.4	2.9	270.0	0.93	88.25

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	25.9	2.7	272.7	0.89	89.13
73.0-74.0	24.5	2.6	275.3	0.84	89.97
74.0-75.0	23.1	2.4	277.7	0.80	90.77
75.0-76.0	21.6	2.3	280.0	0.75	91.52
76.0-77.0	20.1	2.1	282.1	0.70	92.22
77.0-78.0	18.7	2.0	284.1	0.65	92.88
78.0-79.0	17.3	1.9	286.0	0.61	93.48
79.0-80.0	15.8	1.7	287.7	0.56	94.04
80.0-81.0	14.4	1.6	289.3	0.51	94.55
81.0-82.0	13.1	1.4	290.7	0.46	95.01
82.0-83.0	11.7	1.3	292.0	0.42	95.43
83.0-84.0	10.5	1.1	293.1	0.37	95.81
84.0-85.0	9.3	1.0	294.1	0.33	96.14
85.0-86.0	8.1	0.9	295.0	0.29	96.43
86.0-87.0	7.1	0.8	295.8	0.25	96.68
87.0-88.0	6.1	0.7	296.5	0.22	96.90
88.0-89.0	5.2	0.6	297.0	0.19	97.08
89.0-90.0	4.5	0.5	297.5	0.16	97.24
90.0-91.0	3.8	0.4	297.9	0.14	97.38
91.0-92.0	3.3	0.4	298.3	0.12	97.50
92.0-93.0	2.9	0.3	298.6	0.10	97.60
93.0-94.0	2.5	0.3	298.9	0.09	97.69
94.0-95.0	2.2	0.2	299.1	0.08	97.77
95.0-96.0	1.9	0.2	299.3	0.07	97.84
96.0-97.0	1.7	0.2	299.5	0.06	97.90
97.0-98.0	1.6	0.2	299.7	0.06	97.96
98.0-99.0	1.5	0.2	299.9	0.05	98.01
99.0-100.0	1.4	0.2	300.0	0.05	98.06
100.0-101.0	1.3	0.1	300.2	0.05	98.11
101.0-102.0	1.3	0.1	300.3	0.05	98.15
102.0-103.0	1.3	0.1	300.4	0.04	98.20
103.0-104.0	1.2	0.1	300.6	0.04	98.24
104.0-105.0	1.2	0.1	300.7	0.04	98.28
105.0-106.0	1.2	0.1	300.8	0.04	98.33
106.0-107.0	1.2	0.1	300.9	0.04	98.37
107.0-108.0	1.2	0.1	301.1	0.04	98.41

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	1.2	0.1	301.2	0.04	98.45
109.0-110.0	1.2	0.1	301.3	0.04	98.49
110.0-111.0	1.2	0.1	301.4	0.04	98.53
111.0-112.0	1.2	0.1	301.6	0.04	98.57
112.0-113.0	1.2	0.1	301.7	0.04	98.61
113.0-114.0	1.2	0.1	301.8	0.04	98.65
114.0-115.0	1.2	0.1	301.9	0.04	98.68
115.0-116.0	1.2	0.1	302.0	0.04	98.72
116.0-117.0	1.1	0.1	302.1	0.04	98.76
117.0-118.0	1.1	0.1	302.3	0.04	98.79
118.0-119.0	1.1	0.1	302.4	0.03	98.83
119.0-120.0	1.1	0.1	302.5	0.03	98.86
120.0-121.0	1.1	0.1	302.6	0.03	98.90
121.0-122.0	1.1	0.1	302.7	0.03	98.93
122.0-123.0	1.1	0.1	302.8	0.03	98.96
123.0-124.0	1.1	0.1	302.9	0.03	99.00
124.0-125.0	1.2	0.1	303.0	0.03	99.03
125.0-126.0	1.2	0.1	303.1	0.03	99.07
126.0-127.0	1.1	0.1	303.2	0.03	99.10
127.0-128.0	1.1	0.1	303.3	0.03	99.13
128.0-129.0	1.2	0.1	303.4	0.03	99.16
129.0-130.0	1.2	0.1	303.5	0.03	99.20
130.0-131.0	1.2	0.1	303.6	0.03	99.23
131.0-132.0	1.2	0.1	303.7	0.03	99.26
132.0-133.0	1.2	0.1	303.8	0.03	99.29
133.0-134.0	1.2	0.1	303.9	0.03	99.32
134.0-135.0	1.2	0.1	304.0	0.03	99.35
135.0-136.0	1.2	0.1	304.1	0.03	99.38
136.0-137.0	1.2	0.1	304.1	0.03	99.41
137.0-138.0	1.2	0.1	304.2	0.03	99.44
138.0-139.0	1.2	0.1	304.3	0.03	99.47
139.0-140.0	1.1	0.1	304.4	0.03	99.49
140.0-141.0	1.1	0.1	304.5	0.03	99.52
141.0-142.0	1.1	0.1	304.6	0.03	99.54
142.0-143.0	1.2	0.1	304.6	0.03	99.57
143.0-144.0	1.1	0.1	304.7	0.02	99.59

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	1.1	0.1	304.8	0.02	99.62
145.0-146.0	1.1	0.1	304.8	0.02	99.64
146.0-147.0	1.1	0.1	304.9	0.02	99.66
147.0-148.0	1.1	0.1	305.0	0.02	99.68
148.0-149.0	1.1	0.1	305.0	0.02	99.70
149.0-150.0	1.1	0.1	305.1	0.02	99.72
150.0-151.0	1.1	0.1	305.2	0.02	99.74
151.0-152.0	1.0	0.1	305.2	0.02	99.76
152.0-153.0	1.0	0.1	305.3	0.02	99.78
153.0-154.0	1.0	0.1	305.3	0.02	99.79
154.0-155.0	1.0	0.0	305.4	0.02	99.81
155.0-156.0	1.0	0.0	305.4	0.01	99.83
156.0-157.0	1.0	0.0	305.5	0.01	99.84
157.0-158.0	1.0	0.0	305.5	0.01	99.85
158.0-159.0	1.0	0.0	305.5	0.01	99.87
159.0-160.0	1.0	0.0	305.6	0.01	99.88
160.0-161.0	1.0	0.0	305.6	0.01	99.89
161.0-162.0	1.0	0.0	305.6	0.01	99.90
162.0-163.0	1.0	0.0	305.7	0.01	99.91
163.0-164.0	1.0	0.0	305.7	0.01	99.92
164.0-165.0	1.0	0.0	305.7	0.01	99.93
165.0-166.0	1.0	0.0	305.8	0.01	99.94
166.0-167.0	1.0	0.0	305.8	0.01	99.95
167.0-168.0	1.0	0.0	305.8	0.01	99.96
168.0-169.0	1.0	0.0	305.8	0.01	99.96
169.0-170.0	1.0	0.0	305.9	0.01	99.97
170.0-171.0	1.0	0.0	305.9	0.01	99.98
171.0-172.0	0.9	0.0	305.9	0.00	99.98
172.0-173.0	1.0	0.0	305.9	0.00	99.99
173.0-174.0	1.0	0.0	305.9	0.00	99.99
174.0-175.0	1.0	0.0	305.9	0.00	99.99
175.0-176.0	1.0	0.0	305.9	0.00	100.00
176.0-177.0	1.0	0.0	305.9	0.00	100.00
177.0-178.0	1.0	0.0	305.9	0.00	100.00
178.0-179.0	1.0	0.0	305.9	0.00	100.00
179.0-180.0	1.0	0.0	305.9	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: