

Report No.:

Test Time: 2022/11/28 16:40

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Silhouette

Luminaire Description: Neon Silhouette VW- All on

Lamp Catalog: NLS3.0VW-All on

Luminous Length (mm): 1000

Luminous Height (mm): 12

Current: 0.403 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 06

Voltage: 24.0 V

Power: 9.66 W

Photometric Results

CIE Class: Direct

Measurement Flux: 320.3 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H163.5,H109.7

Vertical Diffuse Angle(10%,50%): V171.5,V107.7

Luminaire Efficacy Rating (LER): 33

Max. Intensity: 111.75 cd

Total Rated Lamp Lumens: 320.3 lm

Efficiency: 100%

Upward Ratio: 3%

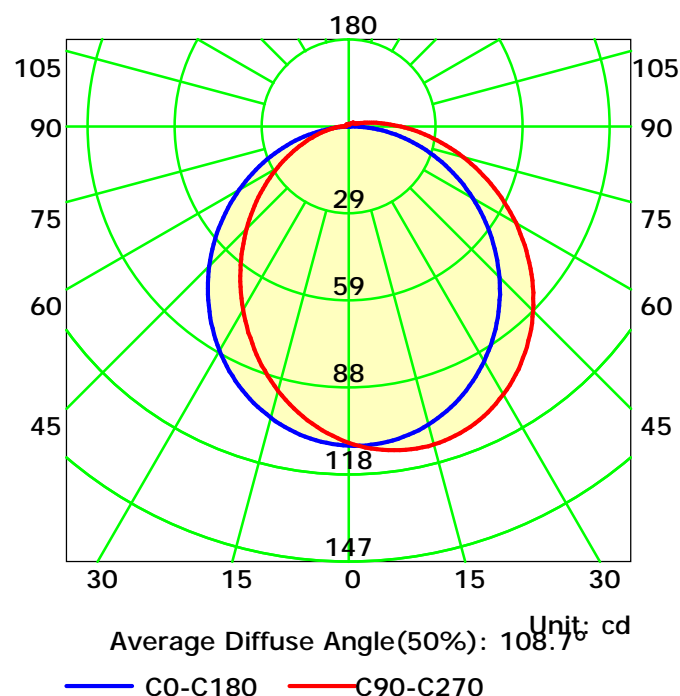
Central Intensity: 108.25 cd

Pos of Max. Intensity: H90 V14

Picture Of Luminaire



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

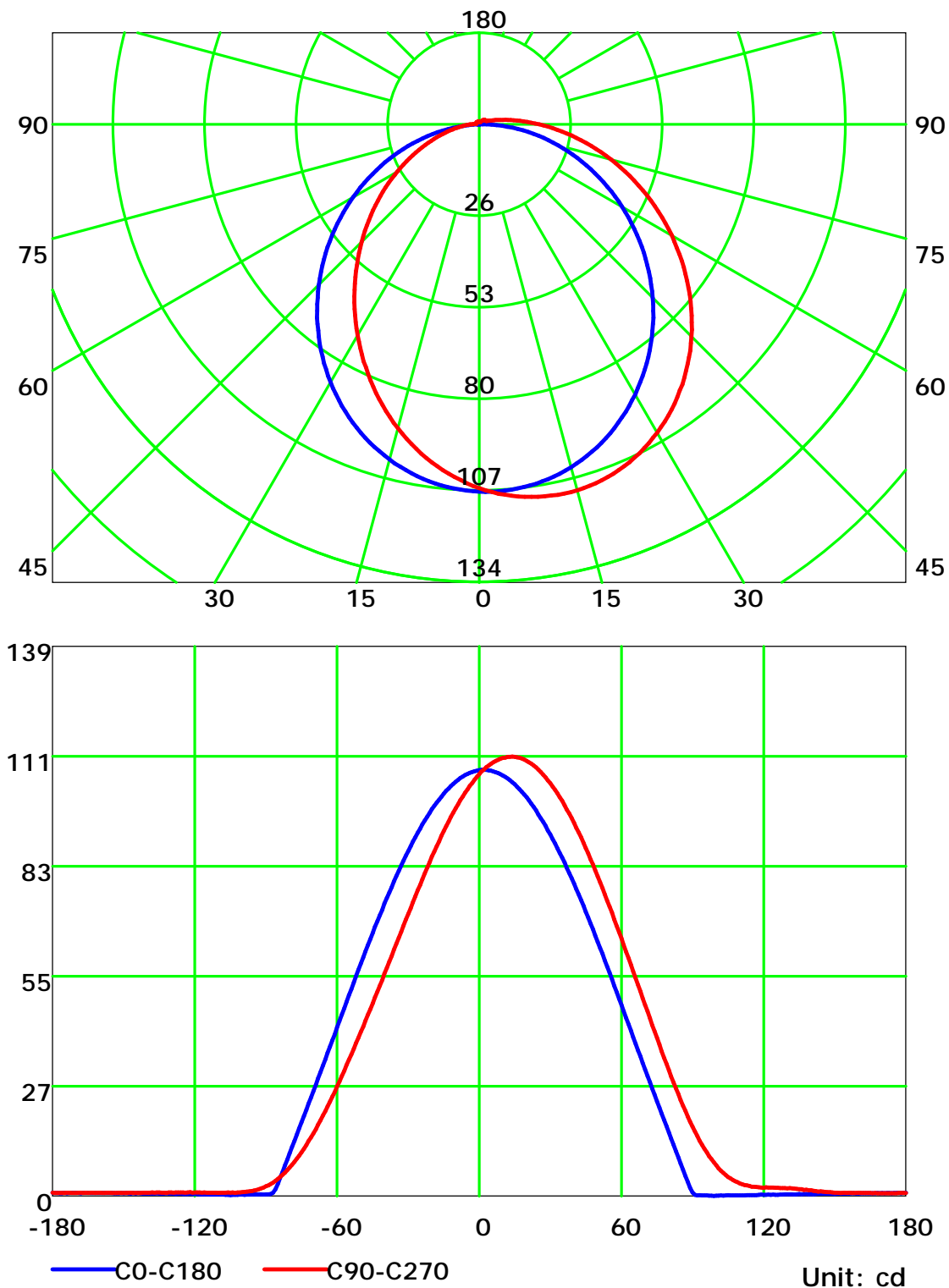
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

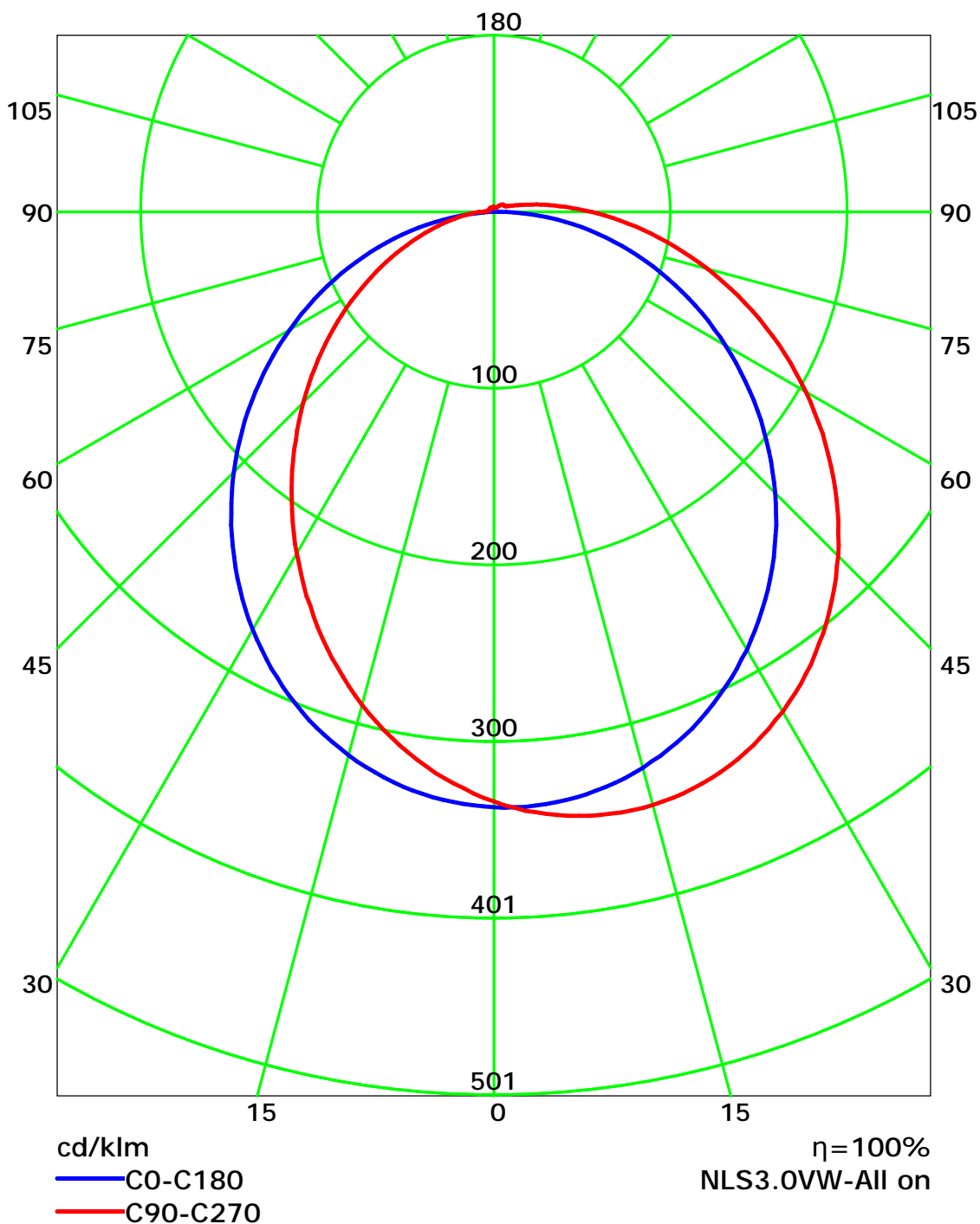
Luminous Intensity Distribution Curve



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:

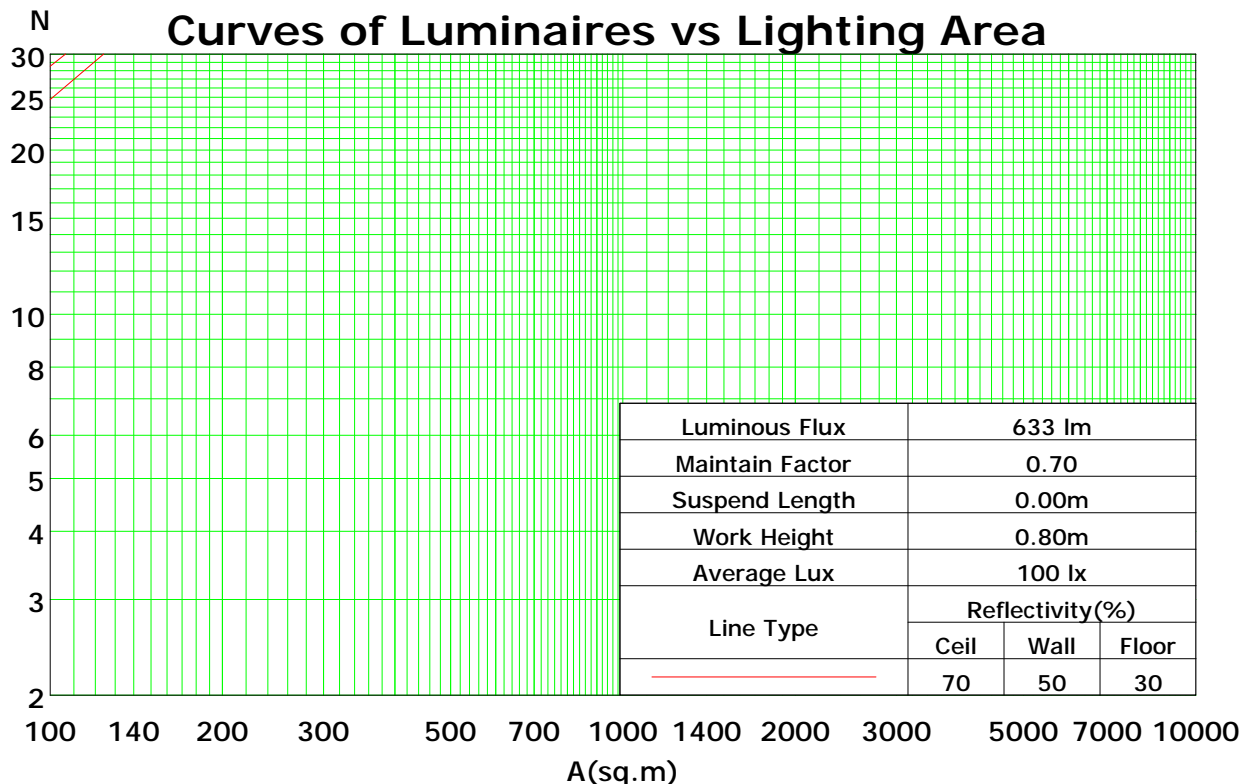
Coefficients Of Utilization - Zonal Cavity Method

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	104	104	104	99	99	99	97
1	107	102	97	93	104	99	95	91	94	91	88	90	87	84	86	84	81	79
2	97	88	81	75	94	86	80	74	82	77	72	78	74	70	75	71	68	65
3	88	77	69	62	86	76	68	61	72	65	60	69	63	58	66	61	57	55
4	81	68	59	53	78	67	59	52	64	57	51	61	55	50	59	53	49	47
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	53	47	42	40
6	69	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
7	64	50	41	35	62	49	41	35	47	40	34	45	39	34	44	38	33	31
8	59	46	37	31	57	45	36	31	43	36	30	42	35	30	40	34	30	28
9	55	42	33	28	54	41	33	28	40	32	27	38	32	27	37	31	27	25
10	52	39	31	25	50	38	30	25	37	30	25	36	29	25	34	29	24	23

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.23

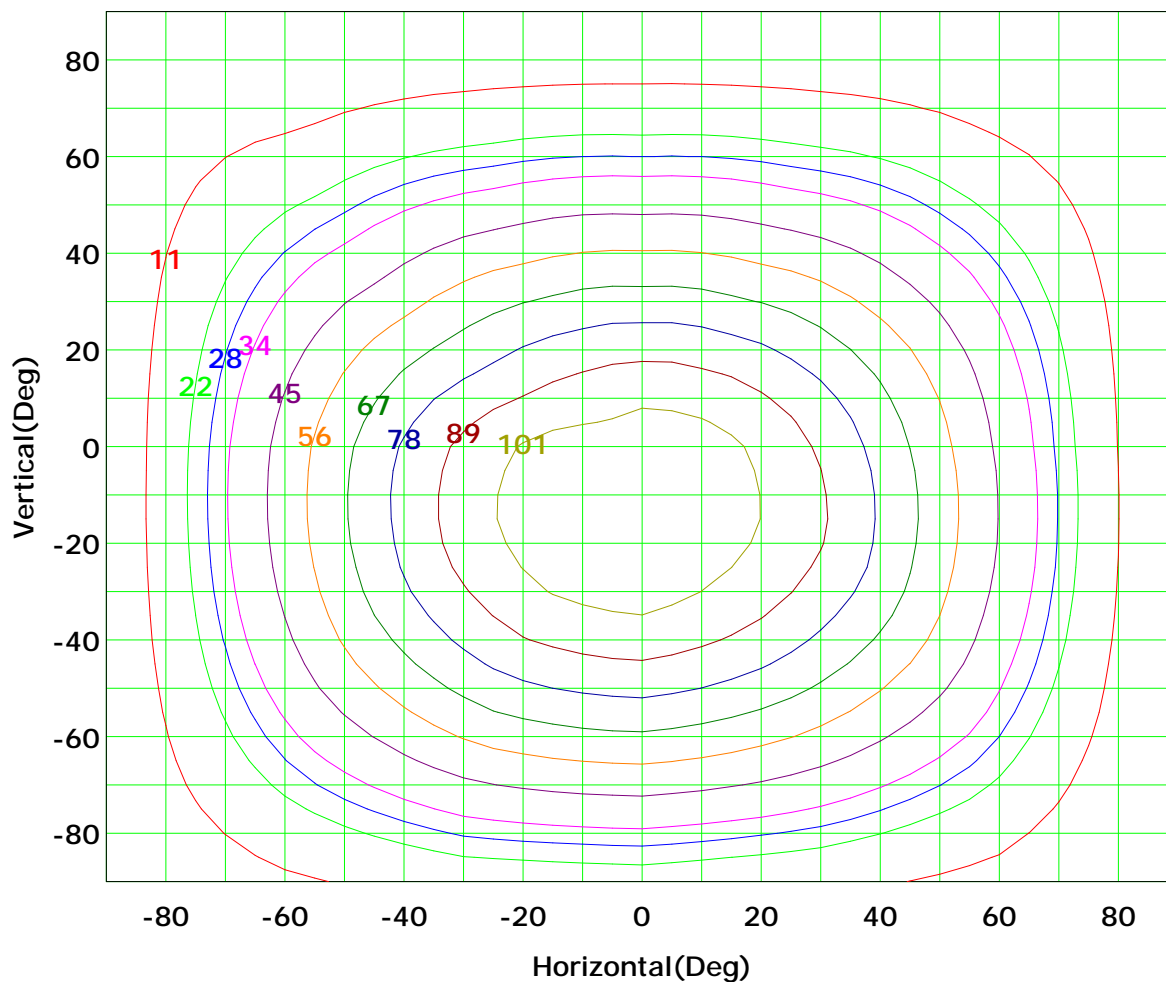
Spacing Criteria (Diagonal): 1.34



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:

Isocandela (rectangle)



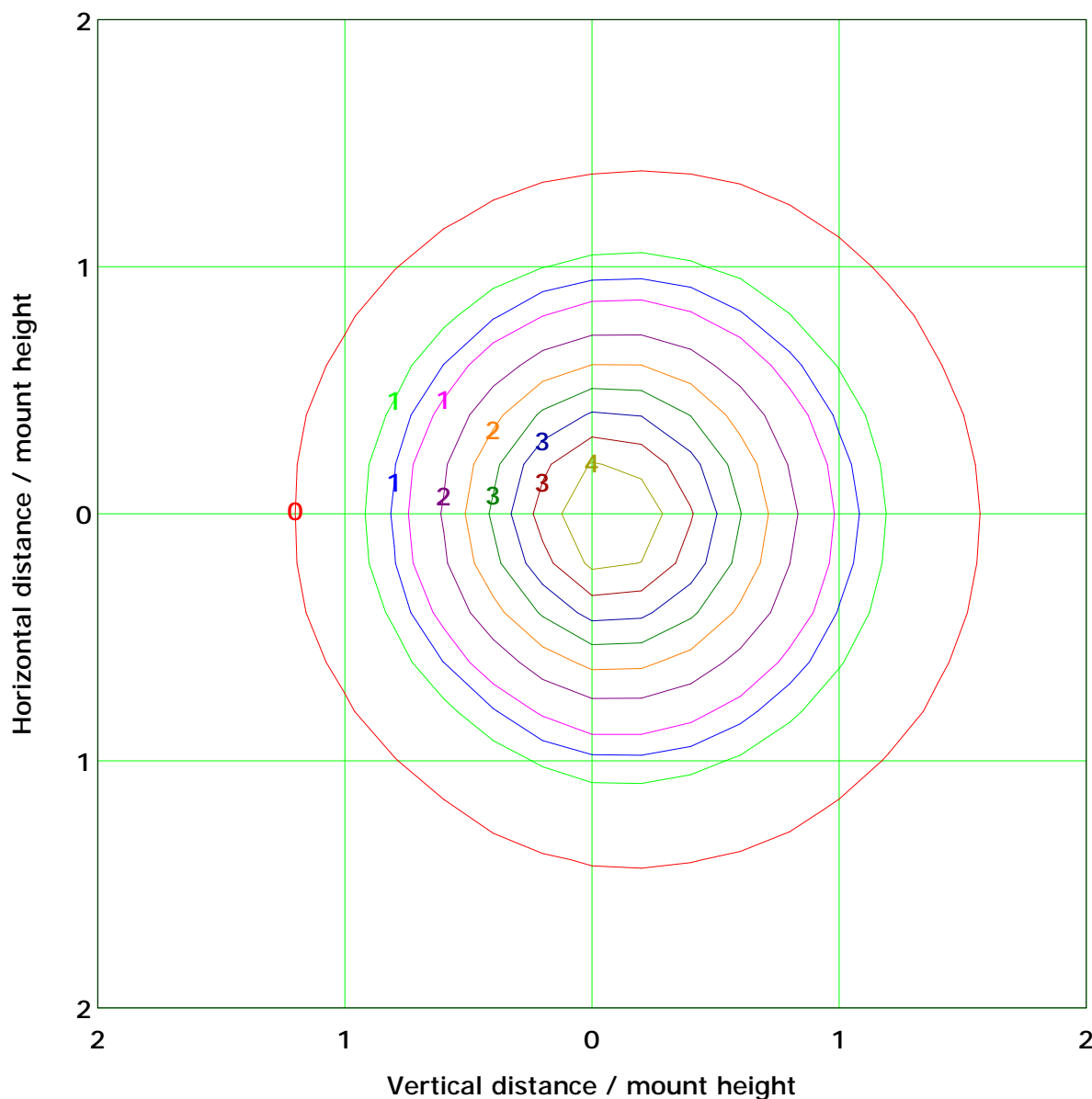
Imax (100%): 112 cd

(10%):	11 cd	(20%):	22 cd
(25%):	28 cd	(30%):	34 cd
(40%):	45 cd	(50%):	56 cd
(60%):	67 cd	(70%):	78 cd
(80%):	89 cd	(90%):	101 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%): 4.3 lx

(10%): 0.4 lx	(20%): 0.9 lx
(25%): 1.1 lx	(30%): 1.3 lx
(40%): 1.7 lx	(50%): 2.2 lx
(60%): 2.6 lx	(70%): 3.0 lx
(80%): 3.5 lx	(90%): 3.9 lx

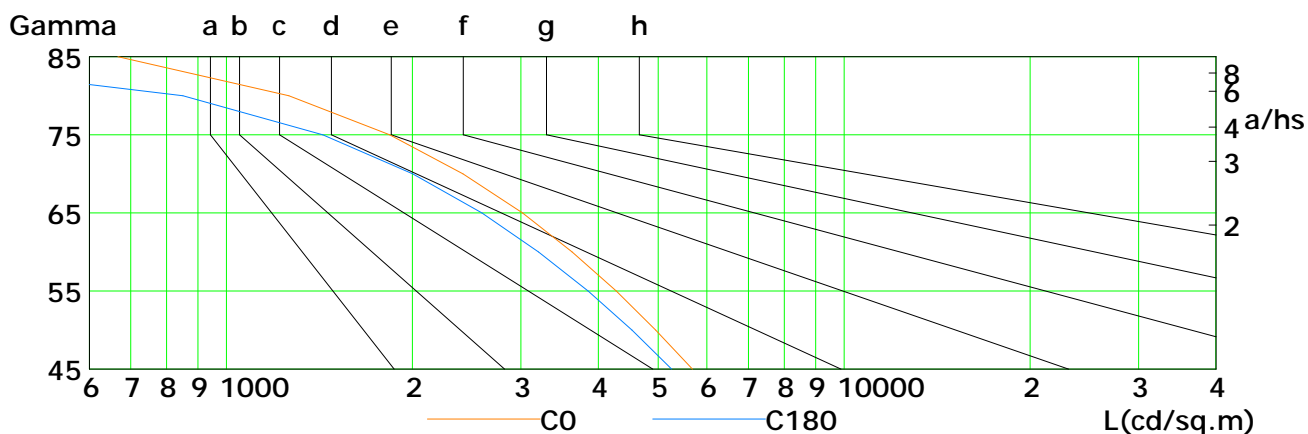
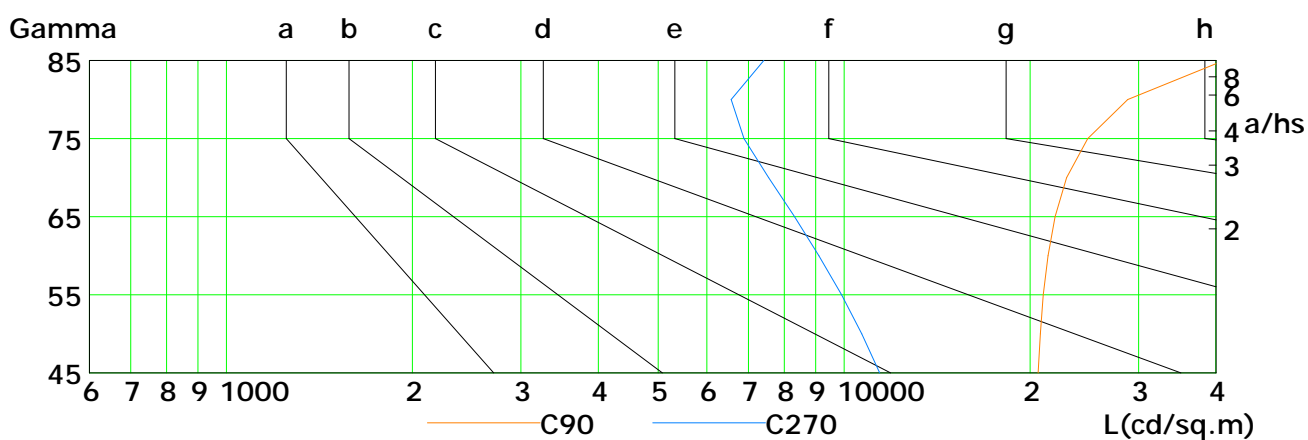
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

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



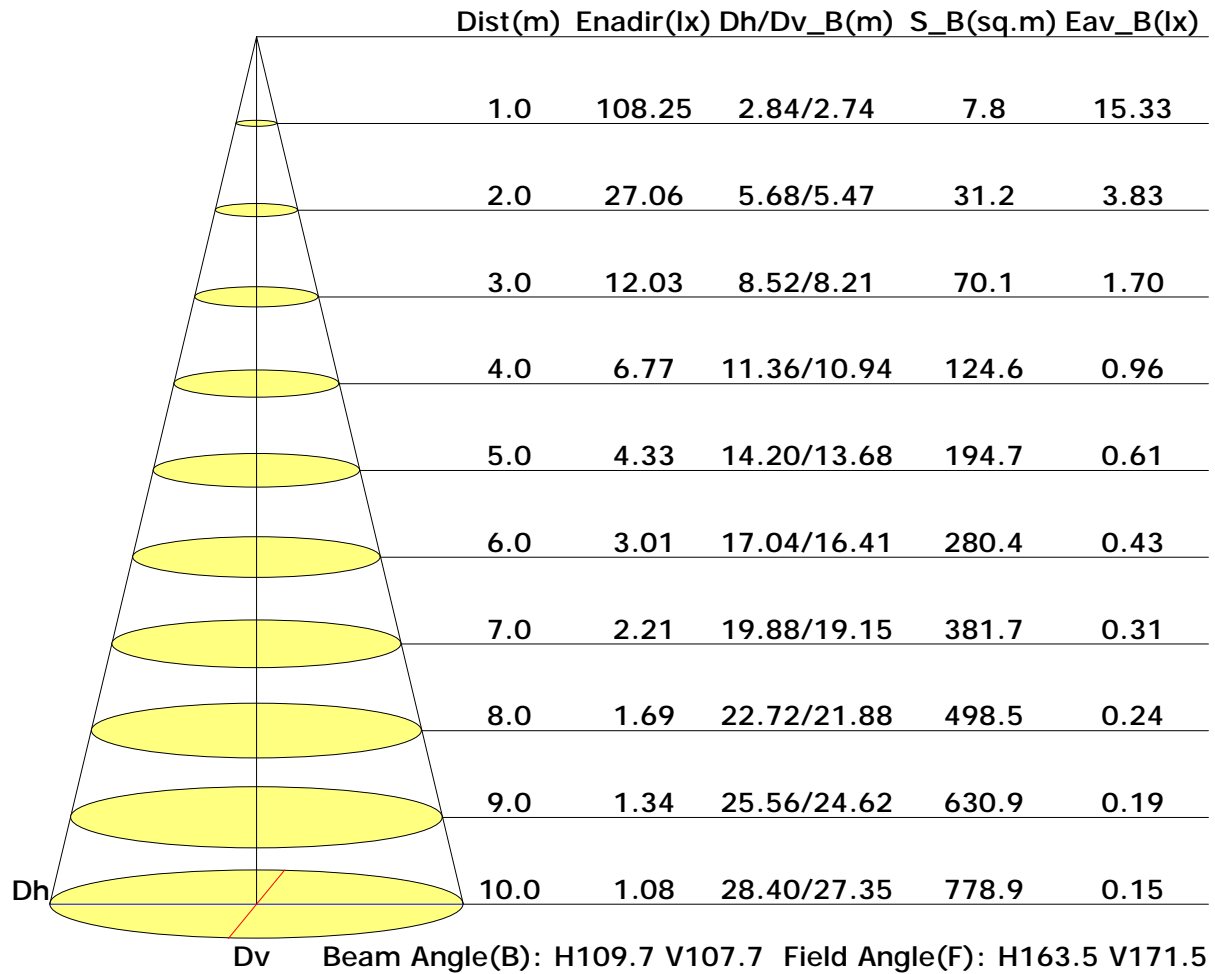
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5682	4953	4279	3628	3016	2417	1837	1262	668
C90	20610	20791	21023	21402	21965	22927	24814	28801	41082
C180	5257	4534	3851	3202	2593	2004	1433	851	258
C270	11426	10678	9913	9101	8320	7553	6891	6569	7416

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:



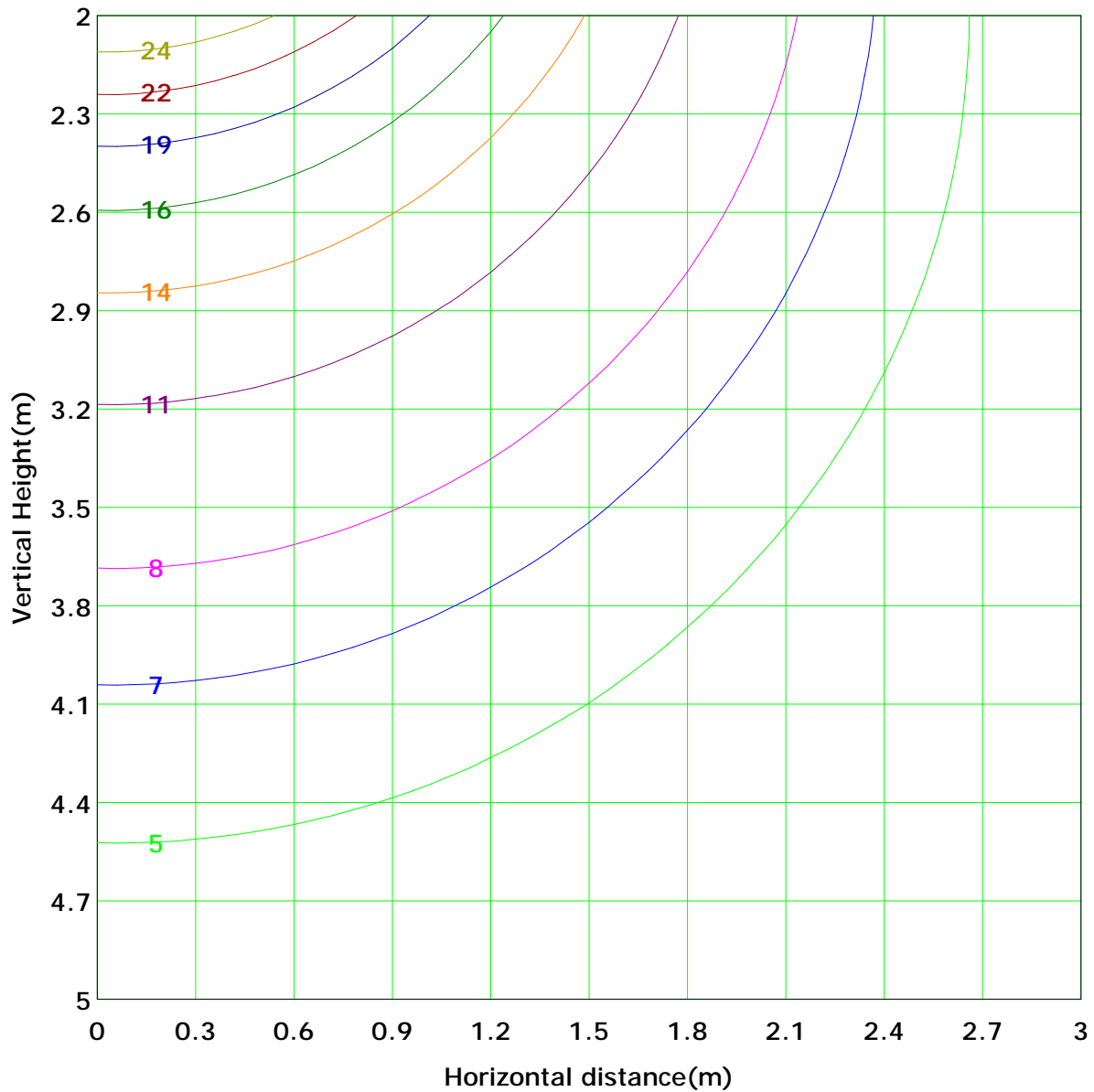
Illuminance at a Distance



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: 27.1 lx
(10%): 2.7 lx	(20%): 5.4 lx	
(25%): 6.8 lx	(30%): 8.1 lx	
(40%): 10.8 lx	(50%): 13.5 lx	
(60%): 16.2 lx	(70%): 18.9 lx	
(80%): 21.6 lx	(90%): 24.4 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

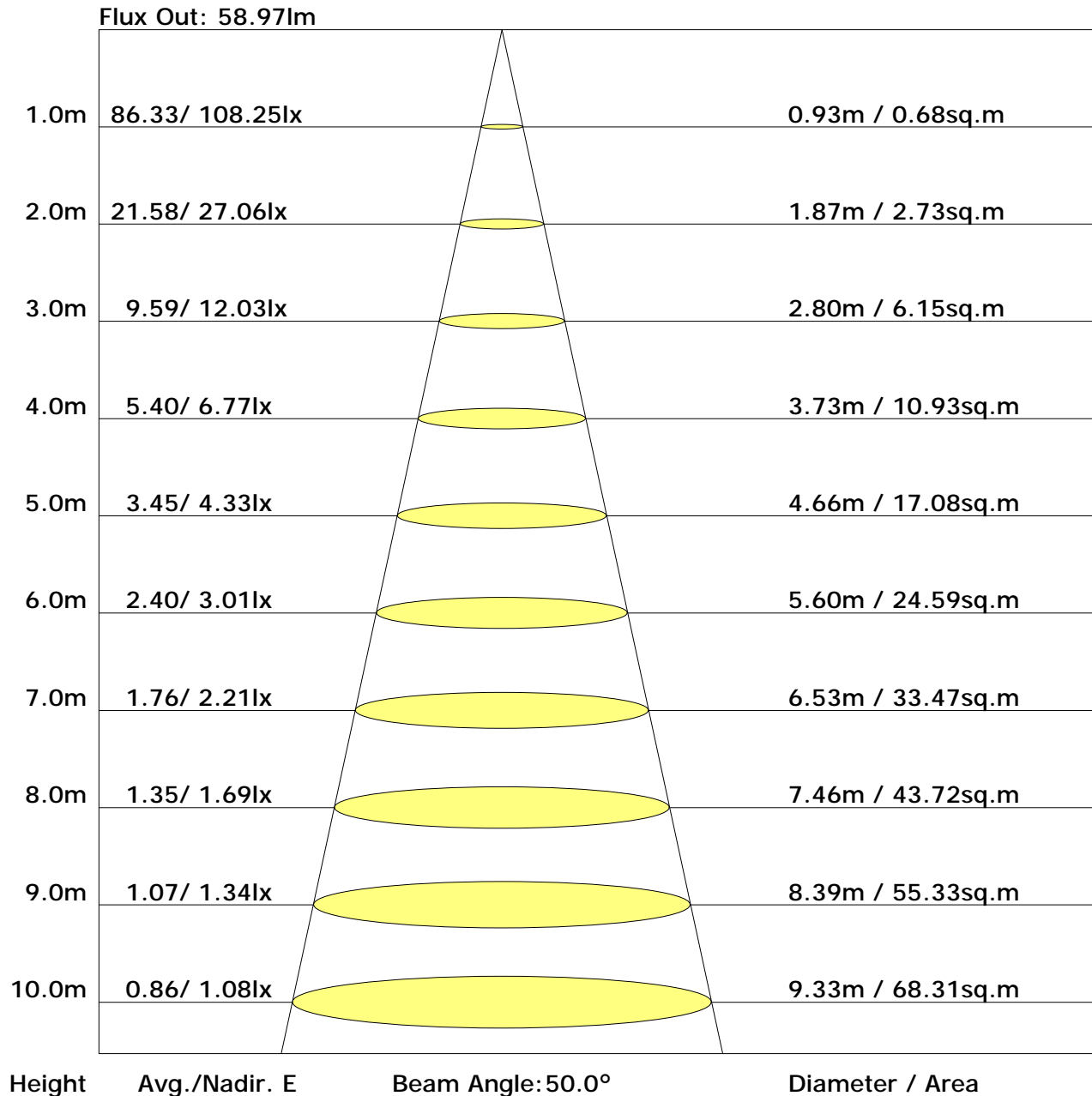
Vertical plane	Horizontal plane																	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70		
-90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.1	0.2	0.3	0.5	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0
-60	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.2	1.4	1.5	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.1	0.0
-50	0.0	0.1	0.2	0.5	0.7	1.0	1.3	1.6	1.8	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2
-40	0.0	0.1	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.4	2.4	2.2	1.9	1.6	1.3	1.0	0.7	0.5	0.3
-30	0.0	0.1	0.4	0.7	1.1	1.5	1.9	2.2	2.6	2.8	2.8	2.6	2.2	1.9	1.5	1.1	0.8	0.4	0.2
-20	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.6	2.9	3.1	3.1	2.9	2.5	2.2	1.8	1.3	0.9	0.5	0.2
-10	0.0	0.2	0.4	0.9	1.4	2.0	2.5	2.9	3.1	3.1	3.1	2.9	2.5	2.2	1.8	1.3	0.9	0.5	0.2
0	0.0	0.2	0.5	0.9	1.5	2.1	2.6	3.0	3.3	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5	0.2	0.0
10	0.0	0.2	0.5	0.9	1.5	2.1	2.6	3.0	3.3	3.4	3.2	2.7	2.2	1.6	1.0	0.5	0.2	0.0	0.0
20	0.0	0.2	0.5	0.9	1.5	2.1	2.6	3.0	3.3	3.4	3.2	2.7	2.2	1.6	1.0	0.5	0.2	0.0	0.0
30	0.0	0.2	0.5	0.9	1.5	2.0	2.6	3.0	3.2	3.3	3.1	2.7	2.1	1.5	1.0	0.5	0.2	0.0	0.0
40	0.0	0.1	0.4	0.8	1.4	1.9	2.4	2.7	3.0	3.0	2.8	2.5	2.0	1.4	0.9	0.5	0.2	0.0	0.0
50	0.0	0.1	0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.7	2.5	2.2	1.7	1.3	0.8	0.4	0.2	0.0	0.0
60	0.0	0.1	0.3	0.6	1.0	1.4	1.7	2.0	2.2	2.2	2.1	1.8	1.5	1.1	0.7	0.4	0.1	0.0	0.0
70	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.6	0.3	0.1	0.0	0.0
80	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0	0.0
90	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.0
Flux(T)	0.2	1.8	5.3	10.3	16.3	22.5	28.2	32.5	35.1	35.4	33.2	29.0	23.4	17.2	11.1	6.0	2.3	0.4	310
Flux(E)	0.0	1.4	4.9	10.0	16.0	22.3	27.9	32.3	34.8	35.1	32.9	28.7	23.2	16.9	10.9	5.7	2.0	0.1	305

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	23.1	24.7	23.5	25.1	25.5	22.6	24.2	23.0	24.6	25.0
3H	25.1	26.6	25.6	27.0	27.4	24.3	25.8	24.8	26.2	26.6
4H	25.9	27.3	26.4	27.7	28.2	25.0	26.4	25.5	26.8	27.3
6H	26.6	27.9	27.1	28.3	28.8	25.6	26.9	26.1	27.3	27.8
8H	26.9	28.1	27.4	28.6	29.0	25.8	27.0	26.3	27.5	28.0
12H	27.1	28.3	27.6	28.7	29.2	26.0	27.2	26.5	27.6	28.1
X=4H Y=2H	23.4	24.8	23.9	25.2	25.7	23.3	24.6	23.7	25.0	25.5
3H	25.6	26.7	26.0	27.2	27.7	25.2	26.4	25.7	26.8	27.3
4H	26.5	27.5	27.0	28.0	28.5	26.0	27.1	26.5	27.5	28.1
6H	27.3	28.2	27.8	28.7	29.2	26.7	27.7	27.2	28.2	28.7
8H	27.6	28.4	28.1	28.9	29.5	27.0	27.9	27.5	28.4	28.9
12H	27.8	28.6	28.4	29.1	29.7	27.3	28.1	27.8	28.6	29.1
X=8H Y=4H	26.6	27.5	27.1	28.0	28.5	26.4	27.2	26.9	27.7	28.3
6H	27.5	28.2	28.0	28.8	29.3	27.2	27.9	27.8	28.5	29.0
8H	27.8	28.5	28.4	29.1	29.6	27.6	28.3	28.2	28.8	29.4
12H	28.2	28.7	28.7	29.3	29.9	28.0	28.6	28.5	29.1	29.7
X=12H Y=4H	26.6	27.4	27.2	27.9	28.5	26.4	27.2	26.9	27.7	28.3
6H	27.5	28.2	28.1	28.7	29.3	27.3	28.0	27.9	28.5	29.1
8H	27.9	28.5	28.5	29.0	29.7	27.7	28.3	28.3	28.9	29.5

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	0.77	0.84	0.89	0.93	0.98	1.01
	0.30		0.47	0.57	0.64	0.70	0.78	0.83	0.88	0.93	0.97
	0.20		0.41	0.51	0.58	0.64	0.72	0.78	0.83	0.89	0.93
0.50	0.50	0.20	0.53	0.62	0.69	0.74	0.81	0.85	0.89	0.93	0.96
	0.30		0.46	0.55	0.62	0.68	0.75	0.80	0.84	0.89	0.93
	0.20		0.40	0.50	0.57	0.63	0.71	0.76	0.80	0.86	0.90
0.30	0.50	0.20	0.51	0.60	0.66	0.71	0.77	0.82	0.85	0.89	0.92
	0.30		0.45	0.54	0.61	0.66	0.73	0.78	0.81	0.86	0.89
	0.20		0.40	0.49	0.56	0.61	0.69	0.74	0.78	0.83	0.86
0.00	0.00	0.00	0.37	0.46	0.53	0.58	0.65	0.70	0.73	0.78	0.81
Rating: 10W 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	0.43	0.37	0.29	0.24	
	0.30		0.84	0.72	0.63	0.56	0.46	0.39	0.34	0.27	0.23	
	0.20		0.72	0.63	0.56	0.50	0.42	0.36	0.32	0.26	0.22	
0.50	0.50	0.20	0.97	0.81	0.69	0.60	0.49	0.44	0.35	0.28	0.23	
	0.30		0.82	0.70	0.61	0.54	0.45	0.38	0.33	0.26	0.22	
	0.20		0.71	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.30	0.50	0.20	0.94	0.77	0.66	0.58	0.46	0.39	0.33	0.26	0.22	
	0.30		0.80	0.68	0.59	0.52	0.43	0.36	0.32	0.25	0.21	
	0.20		0.70	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.32	0.27	0.24	0.19	0.16	
Rating: 10W 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	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.50	0.50	0.20	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.17	0.19	0.19	0.21	0.21
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23
	0.30		0.12	0.14	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
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Rating: 10W 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	106.9	0.1	0.1	0.03	0.03
1.0-2.0	106.8	0.3	0.4	0.10	0.13
2.0-3.0	106.7	0.5	0.9	0.16	0.29
3.0-4.0	106.6	0.7	1.6	0.22	0.51
4.0-5.0	106.4	0.9	2.5	0.29	0.80
5.0-6.0	106.2	1.1	3.7	0.35	1.14
6.0-7.0	105.9	1.3	5.0	0.41	1.55
7.0-8.0	105.6	1.5	6.5	0.47	2.03
8.0-9.0	105.2	1.7	8.2	0.53	2.56
9.0-10.0	104.8	1.9	10.1	0.59	3.15
10.0-11.0	104.4	2.1	12.2	0.65	3.80
11.0-12.0	103.9	2.3	14.5	0.71	4.51
12.0-13.0	103.4	2.5	16.9	0.77	5.28
13.0-14.0	102.8	2.6	19.5	0.82	6.10
14.0-15.0	102.2	2.8	22.3	0.88	6.98
15.0-16.0	101.6	3.0	25.3	0.93	7.91
16.0-17.0	100.9	3.1	28.5	0.98	8.89
17.0-18.0	100.2	3.3	31.8	1.03	9.92
18.0-19.0	99.5	3.5	35.2	1.08	11.00
19.0-20.0	98.7	3.6	38.8	1.13	12.13
20.0-21.0	97.8	3.8	42.6	1.17	13.30
21.0-22.0	97.0	3.9	46.5	1.22	14.52
22.0-23.0	96.1	4.0	50.5	1.26	15.78
23.0-24.0	95.2	4.2	54.7	1.30	17.08
24.0-25.0	94.2	4.3	59.0	1.34	18.42
25.0-26.0	93.2	4.4	63.4	1.37	19.79
26.0-27.0	92.2	4.5	67.9	1.41	21.20
27.0-28.0	91.1	4.6	72.5	1.44	22.64
28.0-29.0	90.1	4.7	77.2	1.47	24.11
29.0-30.0	89.0	4.8	82.0	1.50	25.61
30.0-31.0	87.8	4.9	86.9	1.53	27.14
31.0-32.0	86.7	5.0	91.9	1.55	28.69
32.0-33.0	85.5	5.0	96.9	1.57	30.26
33.0-34.0	84.3	5.1	102.0	1.59	31.85
34.0-35.0	83.0	5.2	107.2	1.61	33.46
35.0-36.0	81.7	5.2	112.4	1.63	35.09

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	80.5	5.2	117.6	1.64	36.73
37.0-38.0	79.2	5.3	122.9	1.65	38.38
38.0-39.0	77.9	5.3	128.2	1.66	40.04
39.0-40.0	76.5	5.3	133.6	1.67	41.70
40.0-41.0	75.1	5.4	138.9	1.67	43.37
41.0-42.0	73.7	5.4	144.3	1.67	45.05
42.0-43.0	72.3	5.4	149.6	1.67	46.72
43.0-44.0	70.9	5.4	155.0	1.67	48.39
44.0-45.0	69.5	5.3	160.3	1.67	50.06
45.0-46.0	68.1	5.3	165.6	1.66	51.72
46.0-47.0	66.6	5.3	170.9	1.65	53.38
47.0-48.0	65.1	5.3	176.2	1.64	55.02
48.0-49.0	63.6	5.2	181.4	1.63	56.65
49.0-50.0	62.2	5.2	186.6	1.62	58.27
50.0-51.0	60.6	5.1	191.7	1.60	59.87
51.0-52.0	59.1	5.1	196.8	1.58	61.46
52.0-53.0	57.6	5.0	201.8	1.57	63.02
53.0-54.0	56.1	4.9	206.8	1.54	64.57
54.0-55.0	54.5	4.9	211.6	1.52	66.09
55.0-56.0	53.0	4.8	216.4	1.50	67.58
56.0-57.0	51.5	4.7	221.1	1.47	69.05
57.0-58.0	49.9	4.6	225.8	1.44	70.50
58.0-59.0	48.4	4.5	230.3	1.41	71.91
59.0-60.0	46.9	4.4	234.7	1.38	73.29
60.0-61.0	45.3	4.3	239.0	1.35	74.64
61.0-62.0	43.8	4.2	243.3	1.32	75.96
62.0-63.0	42.3	4.1	247.4	1.28	77.24
63.0-64.0	40.7	4.0	251.4	1.25	78.49
64.0-65.0	39.2	3.9	255.3	1.21	79.70
65.0-66.0	37.7	3.8	259.0	1.17	80.88
66.0-67.0	36.2	3.6	262.6	1.14	82.01
67.0-68.0	34.6	3.5	266.2	1.10	83.11
68.0-69.0	33.1	3.4	269.5	1.06	84.17
69.0-70.0	31.6	3.2	272.8	1.01	85.18
70.0-71.0	30.2	3.1	275.9	0.97	86.15
71.0-72.0	28.7	3.0	278.9	0.93	87.09

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	27.2	2.8	281.7	0.89	87.98
73.0-74.0	25.8	2.7	284.5	0.85	88.82
74.0-75.0	24.4	2.6	287.0	0.80	89.63
75.0-76.0	23.0	2.4	289.5	0.76	90.39
76.0-77.0	21.6	2.3	291.8	0.72	91.11
77.0-78.0	20.2	2.2	293.9	0.68	91.78
78.0-79.0	18.9	2.0	296.0	0.63	92.42
79.0-80.0	17.6	1.9	297.9	0.59	93.01
80.0-81.0	16.3	1.8	299.6	0.55	93.56
81.0-82.0	15.0	1.6	301.2	0.51	94.07
82.0-83.0	13.8	1.5	302.7	0.47	94.53
83.0-84.0	12.6	1.4	304.1	0.43	94.96
84.0-85.0	11.5	1.3	305.4	0.39	95.35
85.0-86.0	10.3	1.1	306.5	0.35	95.71
86.0-87.0	9.3	1.0	307.5	0.32	96.02
87.0-88.0	8.4	0.9	308.4	0.29	96.31
88.0-89.0	7.5	0.8	309.3	0.26	96.57
89.0-90.0	6.8	0.7	310.0	0.23	96.80
90.0-91.0	6.1	0.7	310.7	0.21	97.01
91.0-92.0	5.5	0.6	311.3	0.19	97.19
92.0-93.0	5.0	0.5	311.8	0.17	97.36
93.0-94.0	4.5	0.5	312.3	0.15	97.52
94.0-95.0	4.1	0.4	312.7	0.14	97.66
95.0-96.0	3.7	0.4	313.1	0.13	97.78
96.0-97.0	3.3	0.4	313.5	0.11	97.89
97.0-98.0	3.0	0.3	313.8	0.10	98.00
98.0-99.0	2.7	0.3	314.1	0.09	98.09
99.0-100.0	2.5	0.3	314.4	0.08	98.17
100.0-101.0	2.3	0.2	314.6	0.08	98.25
101.0-102.0	2.1	0.2	314.9	0.07	98.32
102.0-103.0	1.9	0.2	315.1	0.06	98.38
103.0-104.0	1.8	0.2	315.3	0.06	98.44
104.0-105.0	1.7	0.2	315.4	0.06	98.50
105.0-106.0	1.6	0.2	315.6	0.05	98.55
106.0-107.0	1.5	0.2	315.8	0.05	98.60
107.0-108.0	1.4	0.1	315.9	0.05	98.64

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 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.3	0.1	316.0	0.04	98.69
109.0-110.0	1.3	0.1	316.2	0.04	98.73
110.0-111.0	1.3	0.1	316.3	0.04	98.77
111.0-112.0	1.2	0.1	316.4	0.04	98.81
112.0-113.0	1.2	0.1	316.6	0.04	98.85
113.0-114.0	1.2	0.1	316.7	0.04	98.88
114.0-115.0	1.1	0.1	316.8	0.04	98.92
115.0-116.0	1.1	0.1	316.9	0.04	98.96
116.0-117.0	1.1	0.1	317.0	0.03	98.99
117.0-118.0	1.1	0.1	317.1	0.03	99.02
118.0-119.0	1.1	0.1	317.2	0.03	99.06
119.0-120.0	1.1	0.1	317.3	0.03	99.09
120.0-121.0	1.1	0.1	317.4	0.03	99.12
121.0-122.0	1.1	0.1	317.5	0.03	99.15
122.0-123.0	1.1	0.1	317.6	0.03	99.18
123.0-124.0	1.1	0.1	317.7	0.03	99.21
124.0-125.0	1.1	0.1	317.8	0.03	99.24
125.0-126.0	1.0	0.1	317.9	0.03	99.27
126.0-127.0	1.0	0.1	318.0	0.03	99.30
127.0-128.0	1.0	0.1	318.1	0.03	99.33
128.0-129.0	1.0	0.1	318.2	0.03	99.36
129.0-130.0	1.0	0.1	318.3	0.03	99.39
130.0-131.0	1.0	0.1	318.4	0.03	99.41
131.0-132.0	1.0	0.1	318.4	0.03	99.44
132.0-133.0	1.0	0.1	318.5	0.02	99.46
133.0-134.0	1.0	0.1	318.6	0.02	99.49
134.0-135.0	1.0	0.1	318.7	0.02	99.51
135.0-136.0	1.0	0.1	318.8	0.02	99.53
136.0-137.0	0.9	0.1	318.8	0.02	99.56
137.0-138.0	0.9	0.1	318.9	0.02	99.58
138.0-139.0	0.9	0.1	319.0	0.02	99.60
139.0-140.0	0.9	0.1	319.0	0.02	99.62
140.0-141.0	0.9	0.1	319.1	0.02	99.63
141.0-142.0	0.8	0.1	319.1	0.02	99.65
142.0-143.0	0.8	0.1	319.2	0.02	99.67
143.0-144.0	0.8	0.1	319.3	0.02	99.69

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	0.8	0.1	319.3	0.02	99.70
145.0-146.0	0.8	0.1	319.4	0.02	99.72
146.0-147.0	0.8	0.1	319.4	0.02	99.74
147.0-148.0	0.8	0.0	319.5	0.02	99.75
148.0-149.0	0.8	0.0	319.5	0.01	99.77
149.0-150.0	0.8	0.0	319.5	0.01	99.78
150.0-151.0	0.8	0.0	319.6	0.01	99.79
151.0-152.0	0.8	0.0	319.6	0.01	99.81
152.0-153.0	0.8	0.0	319.7	0.01	99.82
153.0-154.0	0.8	0.0	319.7	0.01	99.83
154.0-155.0	0.8	0.0	319.8	0.01	99.85
155.0-156.0	0.8	0.0	319.8	0.01	99.86
156.0-157.0	0.8	0.0	319.8	0.01	99.87
157.0-158.0	0.8	0.0	319.9	0.01	99.88
158.0-159.0	0.8	0.0	319.9	0.01	99.89
159.0-160.0	0.8	0.0	319.9	0.01	99.90
160.0-161.0	0.8	0.0	320.0	0.01	99.91
161.0-162.0	0.8	0.0	320.0	0.01	99.92
162.0-163.0	0.8	0.0	320.0	0.01	99.93
163.0-164.0	0.8	0.0	320.0	0.01	99.94
164.0-165.0	0.8	0.0	320.1	0.01	99.94
165.0-166.0	0.8	0.0	320.1	0.01	99.95
166.0-167.0	0.8	0.0	320.1	0.01	99.96
167.0-168.0	0.9	0.0	320.1	0.01	99.96
168.0-169.0	0.8	0.0	320.2	0.01	99.97
169.0-170.0	0.8	0.0	320.2	0.01	99.97
170.0-171.0	0.8	0.0	320.2	0.00	99.98
171.0-172.0	0.8	0.0	320.2	0.00	99.98
172.0-173.0	0.8	0.0	320.2	0.00	99.99
173.0-174.0	0.8	0.0	320.2	0.00	99.99
174.0-175.0	0.8	0.0	320.2	0.00	99.99
175.0-176.0	0.8	0.0	320.2	0.00	100.00
176.0-177.0	0.9	0.0	320.2	0.00	100.00
177.0-178.0	0.9	0.0	320.2	0.00	100.00
178.0-179.0	0.9	0.0	320.2	0.00	100.00
179.0-180.0	0.9	0.0	320.3	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: