

Report No.:

Test Time: 2022/11/24 10:42

Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Apex
Lamp Catalog: NLA4.560
Luminous Length (mm): 1000
Luminous Height (mm): 17
Current: 0.635 A
Power Factor: 1.000

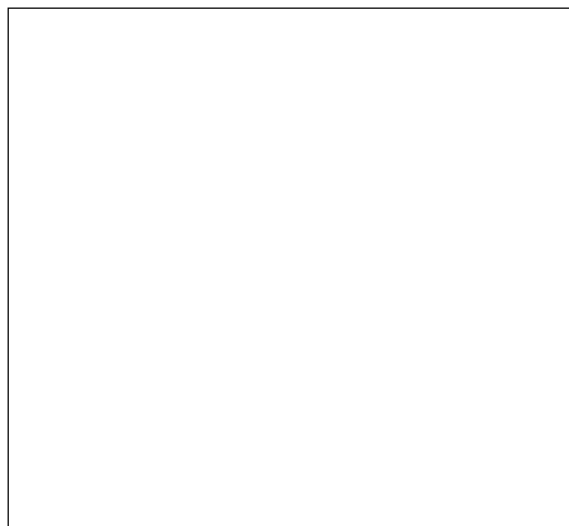
Luminaire Description: Neon Apex 6000k
Number of Lamps: 1
Luminous Width (mm): 16
Voltage: 24.0 V
Power: 15.23 W

Photometric Results

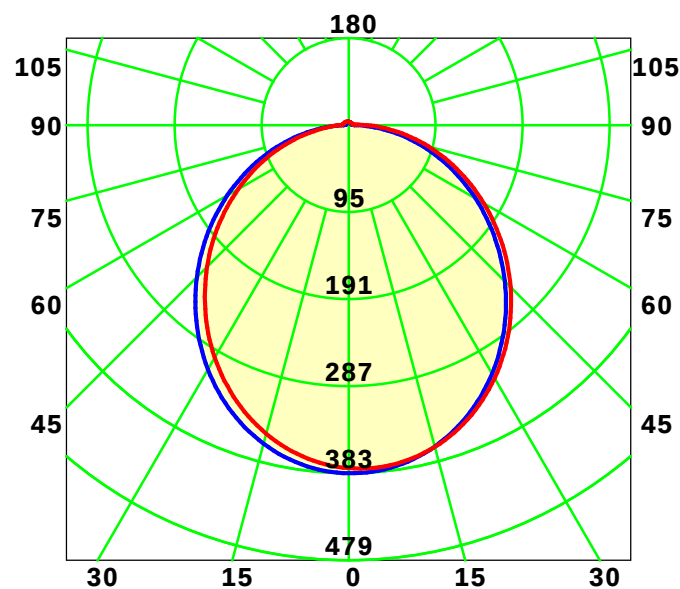
CIE Class: Direct
Measurement Flux: 1086.7 lm
Downward Ratio: 97%
Horizontal Diffuse Angle(10%,50%): H164.6,H107.8
Vertical Diffuse Angle(10%,50%): V165.9,V107.7
Luminaire Efficacy Rating (LER): 71
Max. Intensity: 383.84 cd

Total Rated Lamp Lumens: 1086.7 lm
Efficiency: 100%
Upward Ratio: 3%
Central Intensity: 383.84 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



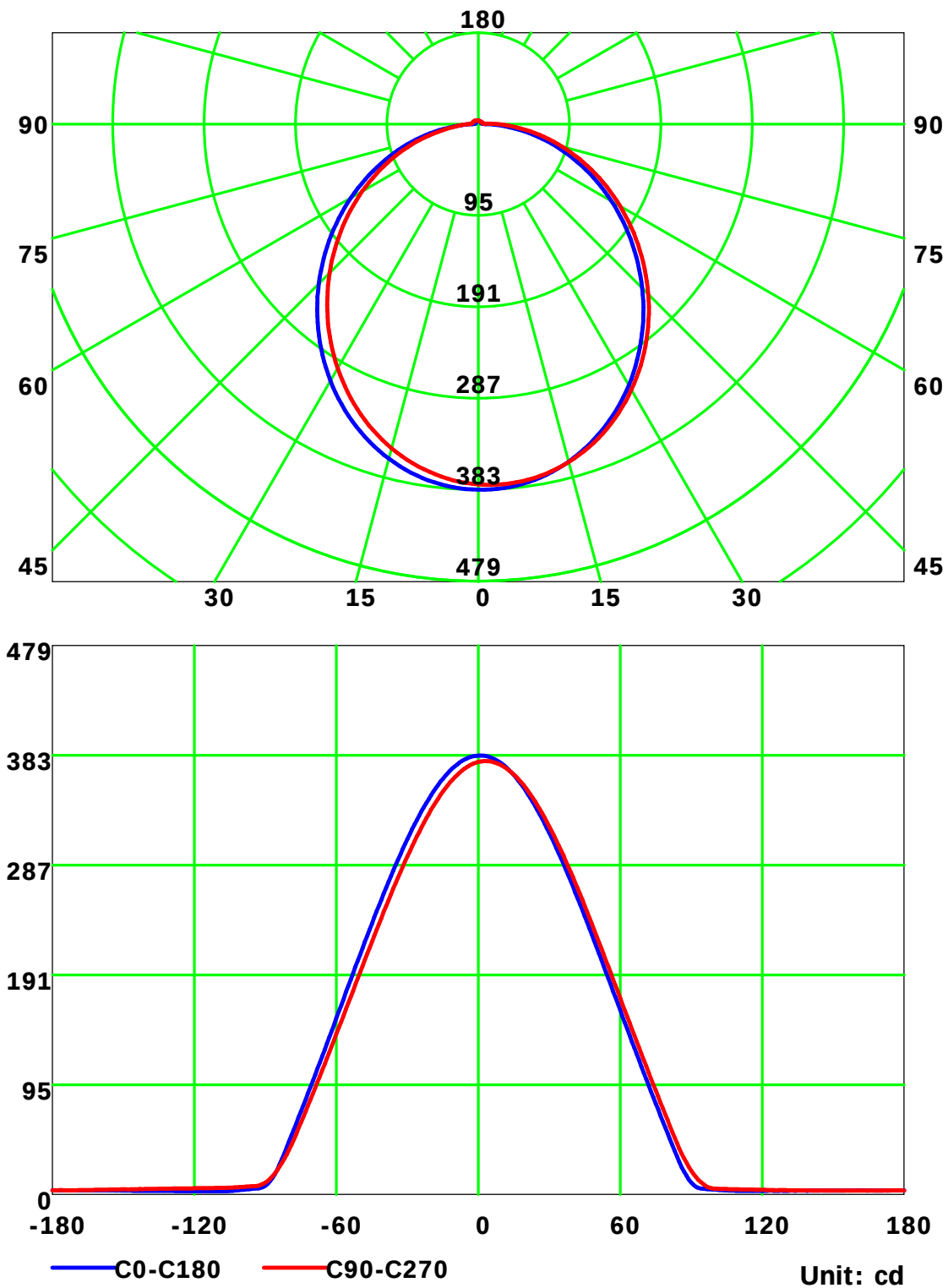
Average Diffuse Angle(50%): 107.7° Unit: cd

— 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:

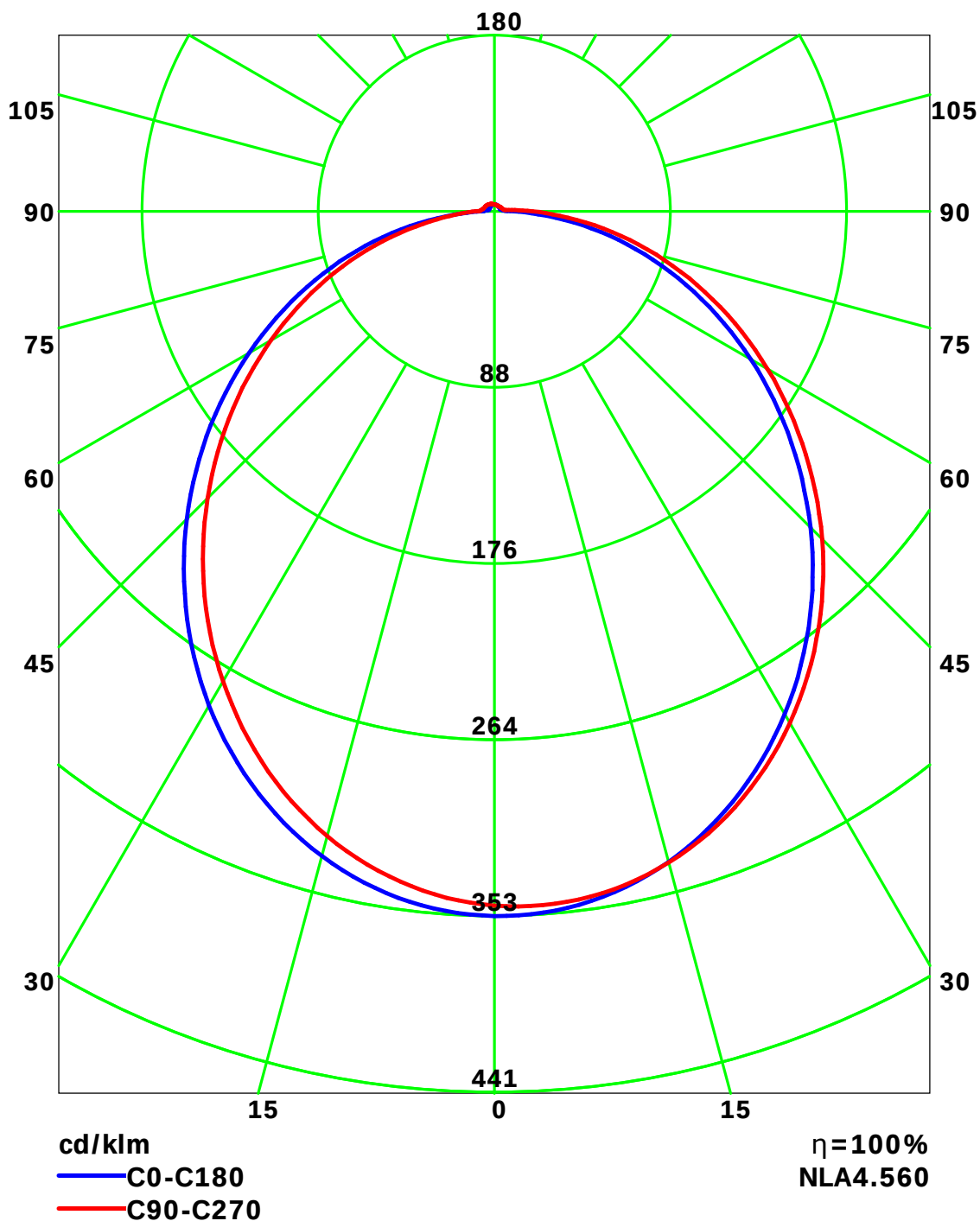
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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:

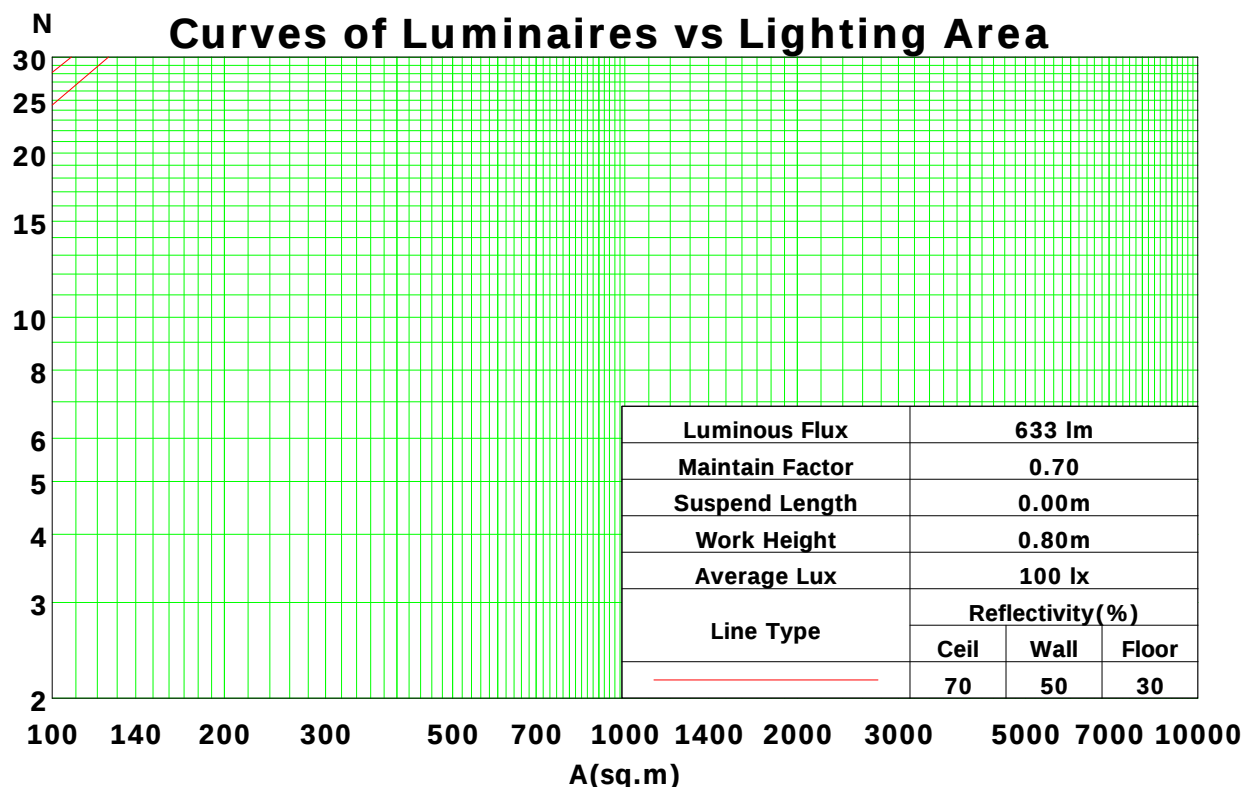
Coefficients Of Utilization - Zonal Cavity Method

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	108	103	98	94	105	100	96	92	95	92	89	91	88	86	87	85	83	80
2	98	89	82	76	95	87	81	75	83	78	73	79	75	71	76	72	69	67
3	89	78	70	63	86	77	69	63	73	67	61	70	64	60	67	62	58	56
4	82	69	60	54	79	68	60	53	65	58	52	62	56	51	60	55	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	49	44	54	48	44	41
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	38	36
7	64	51	42	36	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	42	36	31	41	35	31	29
9	56	42	34	29	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.22

Spacing Criteria (90-270): 1.22

Spacing Criteria (Diagonal): 1.33



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

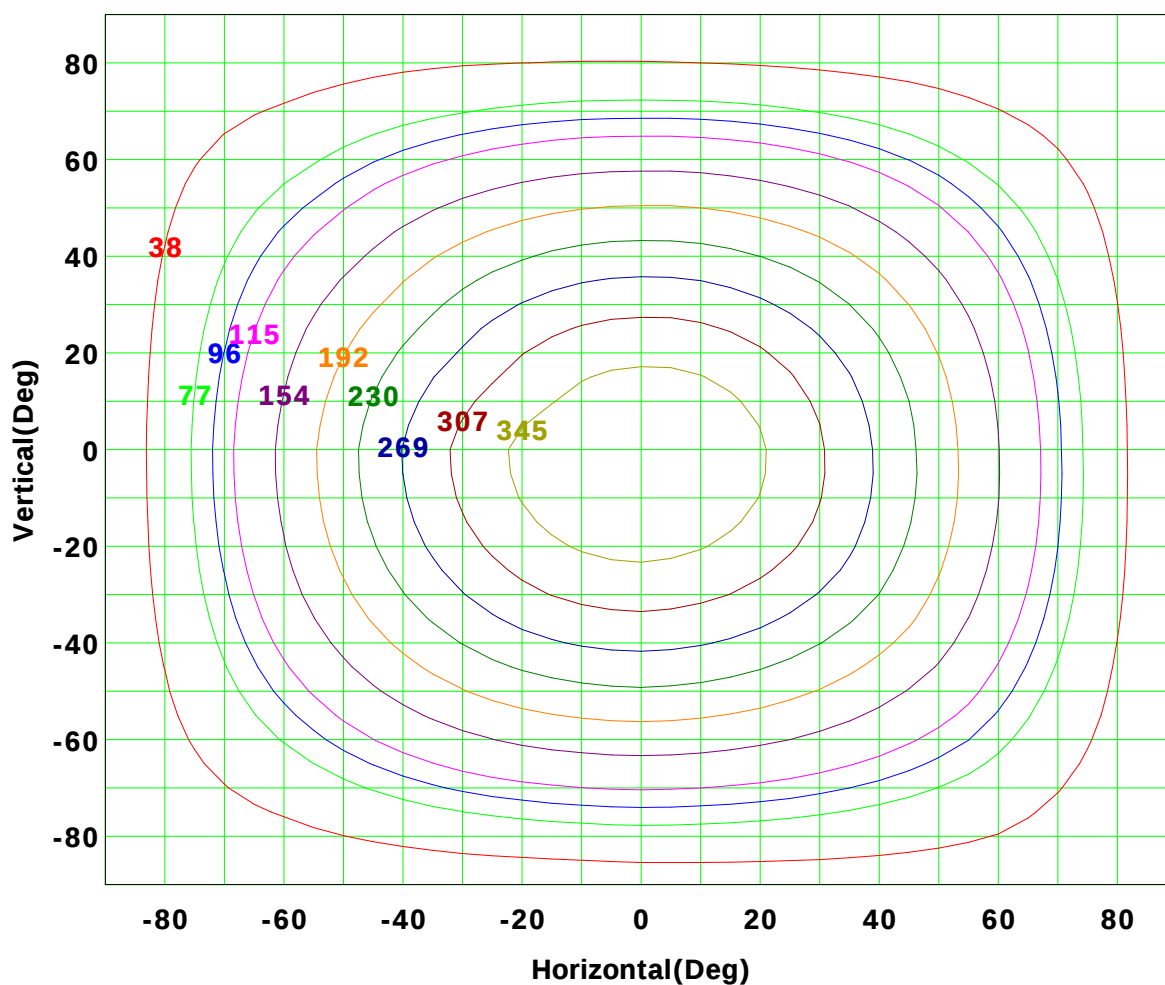
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



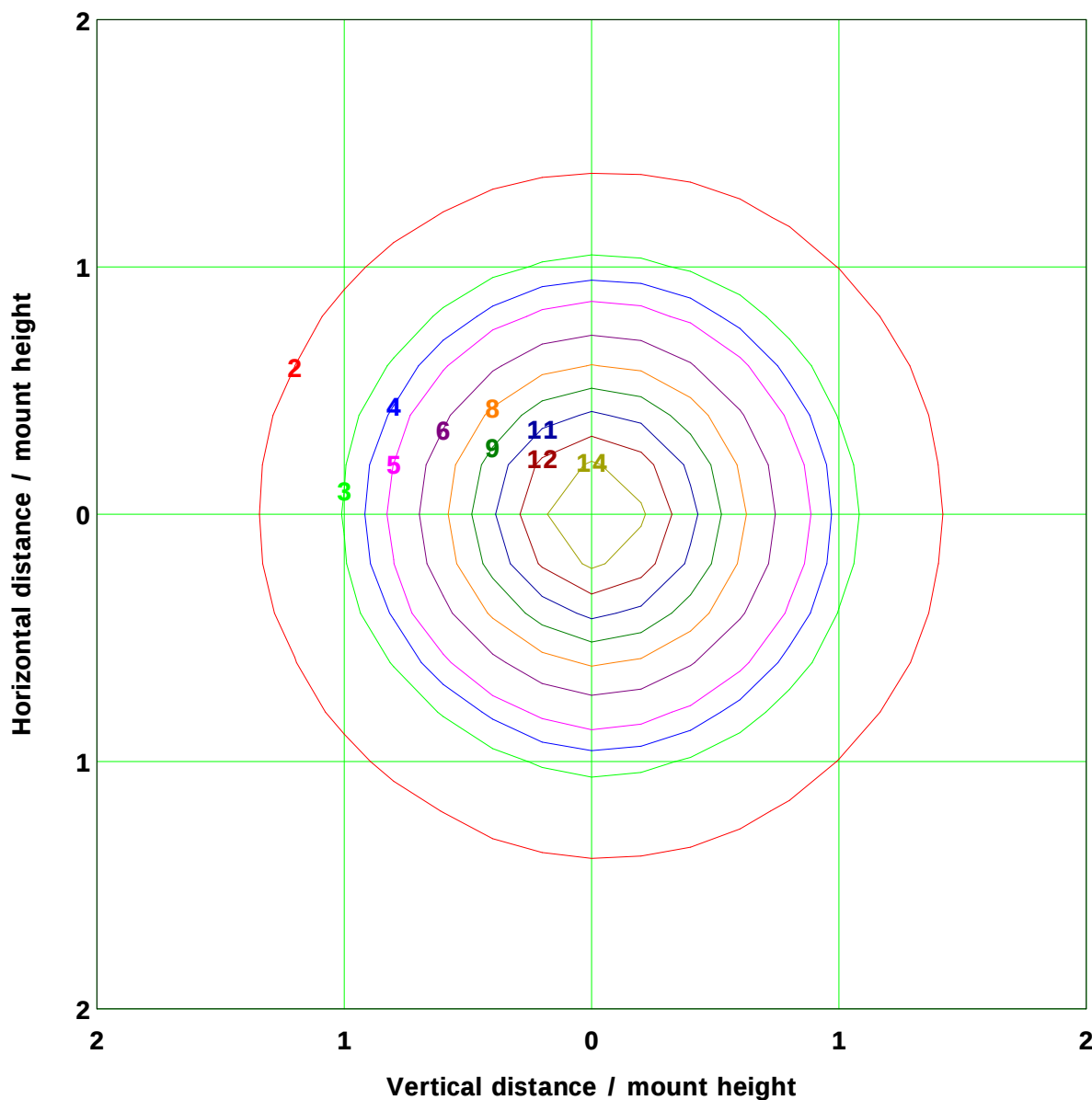
I_{max} (100%): 384 cd

(10%): 38 cd	(20%): 77 cd
(25%): 96 cd	(30%): 115 cd
(40%): 154 cd	(50%): 192 cd
(60%): 230 cd	(70%): 269 cd
(80%): 307 cd	(90%): 345 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%): 15.4 lx	
(10%): 1.5 lx	(20%): 3.1 lx
(25%): 3.8 lx	(30%): 4.6 lx
(40%): 6.1 lx	(50%): 7.7 lx
(60%): 9.2 lx	(70%): 10.7 lx
(80%): 12.3 lx	(90%): 13.8 lx

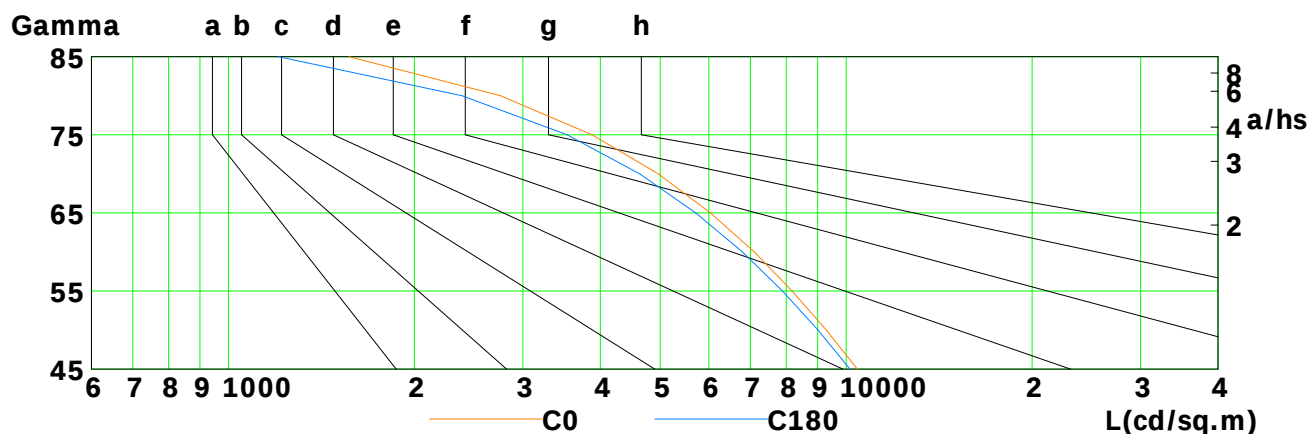
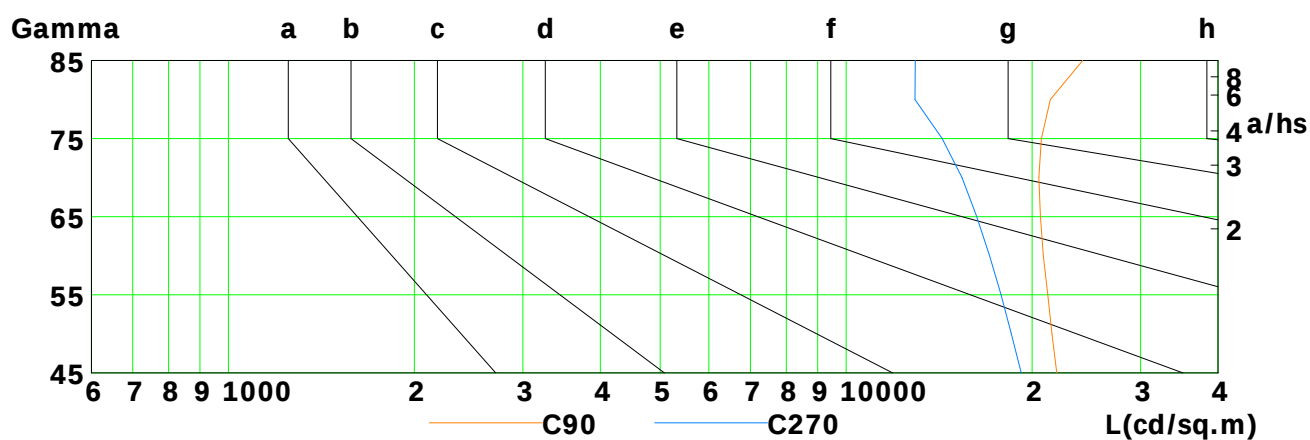
C Plane (°):0.0-360.0: 30.0
Test Lab:
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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

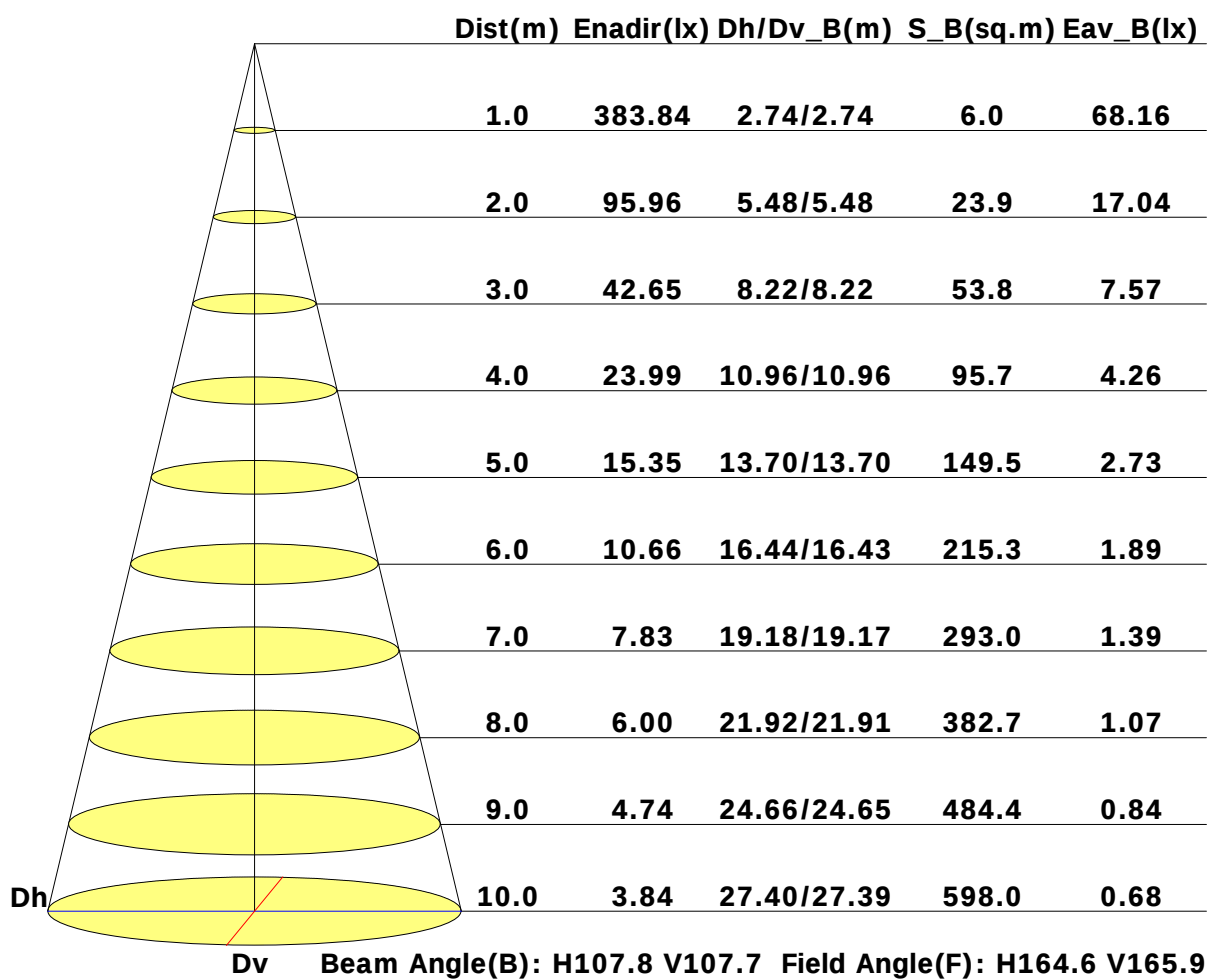


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	10438	9292	8182	7103	6030	4965	3879	2758	1568
C90	21948	21552	21204	20860	20634	20510	20718	21426	24156
C180	10154	9004	7891	6798	5710	4632	3537	2391	1206
C270	19213	18525	17824	17078	16280	15410	14313	12931	12939

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

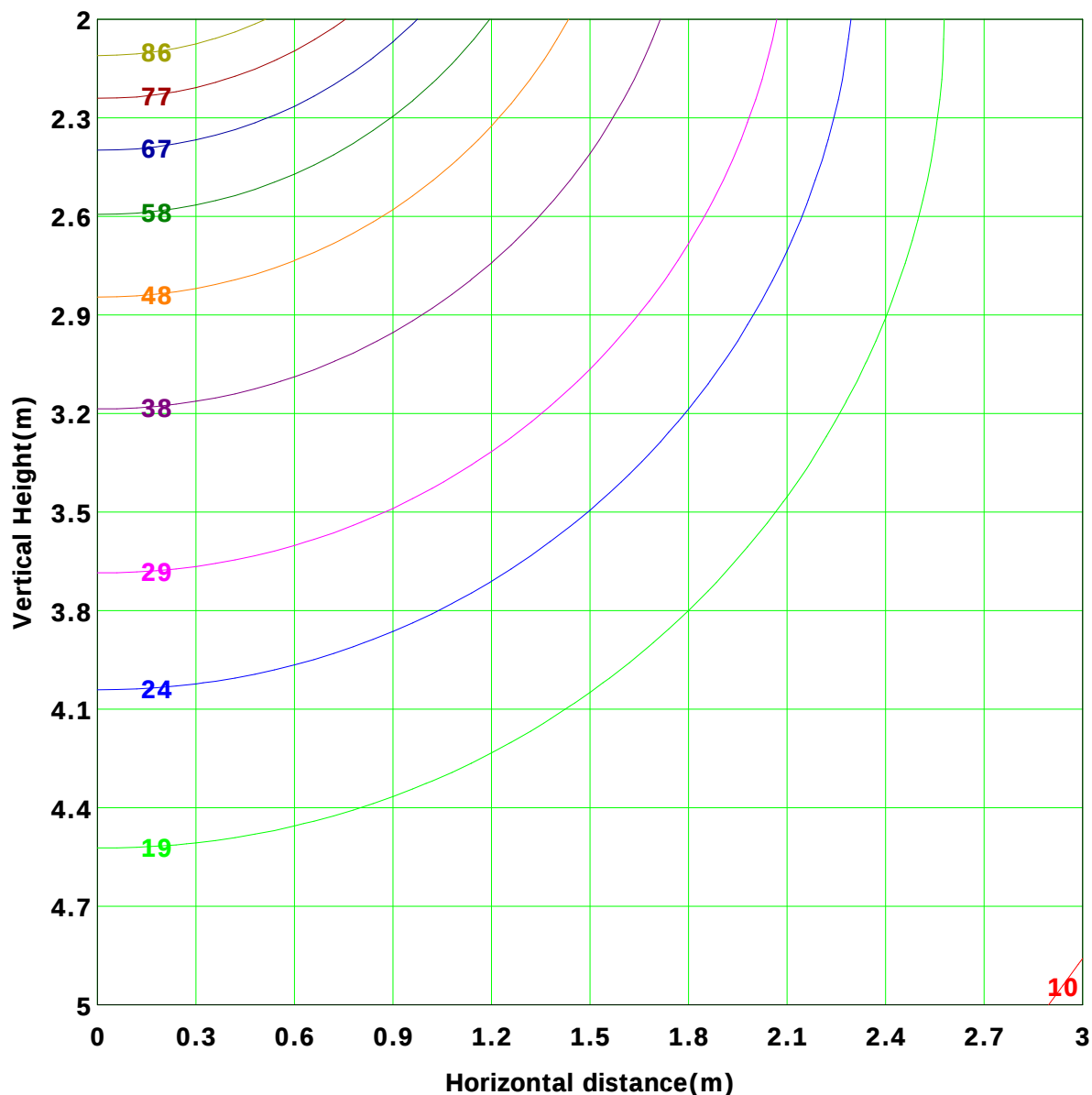
Illuminance at a Distance



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: 96.0 lx
(10%): 9.6 lx	(20%): 19.2 lx	
(25%): 24.0 lx	(30%): 28.8 lx	
(40%): 38.4 lx	(50%): 48.0 lx	
(60%): 57.6 lx	(70%): 67.2 lx	
(80%): 76.8 lx	(90%): 86.4 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

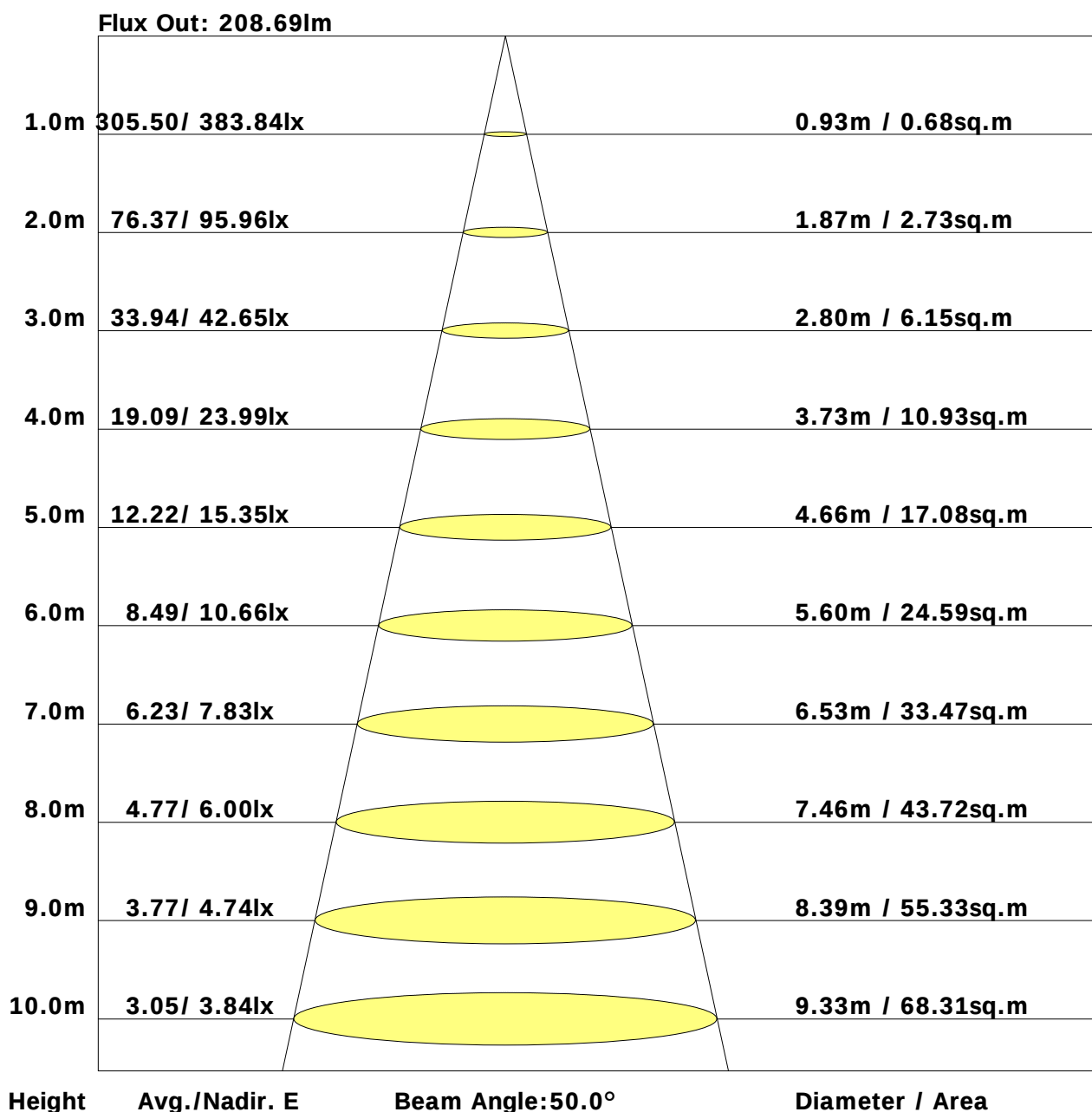
Unit: lm

		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	0.1	0.1	0.1	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.1	0.1	0.0	6.3	0.0
	-80	0.0	0.1	0.3	0.6	0.9	1.2	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.6	0.4	0.2	0.1	0.0	17.1	14.5
	-70	0.0	0.2	0.6	1.1	1.7	2.3	2.8	3.2	3.5	3.4	3.2	2.8	2.3	1.7	1.1	0.6	0.3	0.1	0.1	30.7	30.1
	-60	0.0	0.3	0.8	1.6	2.4	3.3	4.1	4.8	5.1	5.0	4.7	4.1	3.3	2.4	1.5	0.8	0.3	0.1	0.1	44.7	44.4
	-50	0.1	0.4	1.1	2.0	3.2	4.4	5.4	6.3	6.7	6.7	6.2	5.3	4.3	3.1	2.0	1.1	0.4	0.1	0.1	58.5	58.3
	-40	0.1	0.5	1.3	2.4	3.8	5.3	6.7	7.7	8.2	8.2	7.6	6.5	5.2	3.7	2.4	1.3	0.5	0.1	0.1	71.4	71.3
	-30	0.1	0.5	1.4	2.8	4.4	6.1	7.7	8.9	9.6	9.5	8.8	7.6	6.0	4.3	2.8	1.5	0.6	0.1	0.1	82.7	82.5
	-20	0.1	0.6	1.6	3.0	4.8	6.7	8.5	9.9	10.6	10.6	9.8	8.4	6.7	4.8	3.1	1.6	0.6	0.1	0.1	91.4	91.3
	-10	0.1	0.6	1.6	3.2	5.1	7.1	9.0	10.5	11.3	11.2	10.4	9.0	7.2	5.1	3.3	1.7	0.6	0.1	0.1	97.1	97.1
	0	0.1	0.6	1.7	3.2	5.1	7.2	9.1	10.6	11.4	11.4	10.7	9.2	7.3	5.2	3.3	1.7	0.6	0.1	0.1	98.6	98.5
	10	0.1	0.6	1.6	3.1	5.0	7.0	8.8	10.2	11.0	11.1	10.3	8.9	7.0	5.1	3.2	1.7	0.6	0.1	0.1	95.5	95.4
	20	0.1	0.6	1.5	3.0	4.7	6.5	8.2	9.5	10.2	10.2	9.5	8.2	6.5	4.7	3.0	1.6	0.6	0.1	0.1	88.8	88.7
	30	0.1	0.5	1.4	2.7	4.2	5.8	7.3	8.4	9.0	9.0	8.4	7.3	5.8	4.2	2.7	1.4	0.5	0.1	0.1	78.9	78.8
	40	0.1	0.4	1.2	2.3	3.6	4.9	6.1	7.1	7.6	7.6	7.1	6.2	4.9	3.6	2.3	1.2	0.5	0.1	0.1	66.8	66.6
	50	0.1	0.4	1.0	1.9	2.9	3.9	4.9	5.6	6.0	6.0	5.6	4.9	3.9	2.9	1.8	1.0	0.4	0.1	0.1	53.2	53.0
	60	0.0	0.3	0.8	1.4	2.2	2.9	3.6	4.1	4.4	4.3	4.1	3.6	2.9	2.1	1.3	0.7	0.3	0.1	0.1	39.0	38.6
	70	0.0	0.2	0.5	1.0	1.4	1.9	2.3	2.6	2.7	2.7	2.5	2.2	1.8	1.3	0.8	0.5	0.2	0.0	0.0	24.8	23.8
	80	0.0	0.1	0.3	0.5	0.7	0.9	1.1	1.2	1.3	1.2	1.1	1.0	0.8	0.5	0.3	0.2	0.1	0.0	0.0	11.4	5.6
	90	1.0	6.9	18.8	35.9	56.4	78.0	97.8	112.9	121.0	120.9	112.6	97.4	77.5	56.1	35.9	19.2	7.4	1.2	1057		
	Flux(E)	0.2	5.8	17.8	35.0	55.5	77.0	96.8	111.9	119.9	119.8	111.5	96.3	76.4	55.0	34.8	18.1	6.4	0.4		1038	

C Plane (°): 0.0-360.0: 30.0
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Distance: 9.028 m
Humidity: 60%
Inspector:

The Average Illuminance Effective Figure



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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	20.5	22.0	20.9	22.4	22.8	19.2	20.8	19.6	21.2	21.5
3H	22.4	23.8	22.8	24.2	24.6	20.8	22.2	21.2	22.6	23.0
4H	23.2	24.6	23.6	25.0	25.4	21.3	22.7	21.8	23.1	23.5
6H	23.9	25.1	24.3	25.6	26.0	21.8	23.0	22.2	23.4	23.9
8H	24.1	25.3	24.6	25.8	26.2	21.9	23.1	22.4	23.5	24.0
12H	24.3	25.5	24.8	25.9	26.4	22.0	23.1	22.5	23.6	24.1
X=4H Y=2H	20.8	22.1	21.2	22.5	23.0	19.9	21.2	20.3	21.6	22.1
3H	22.9	24.0	23.3	24.5	24.9	21.6	22.8	22.1	23.2	23.7
4H	23.8	24.8	24.2	25.3	25.8	22.3	23.3	22.8	23.8	24.3
6H	24.5	25.4	25.0	25.9	26.4	22.9	23.8	23.3	24.3	24.8
8H	24.8	25.7	25.3	26.2	26.7	23.0	23.9	23.5	24.4	24.9
12H	25.1	25.9	25.6	26.4	26.9	23.2	23.9	23.7	24.5	25.0
X=8H Y=4H	23.9	24.7	24.4	25.2	25.7	22.6	23.5	23.1	24.0	24.5
6H	24.7	25.4	25.2	26.0	26.5	23.3	24.0	23.8	24.5	25.1
8H	25.1	25.7	25.6	26.2	26.8	23.6	24.2	24.1	24.7	25.3
12H	25.4	25.9	25.9	26.5	27.1	23.8	24.3	24.3	24.9	25.5
X=12H Y=4H	23.9	24.6	24.4	25.2	25.7	22.7	23.5	23.2	24.0	24.5
6H	24.7	25.4	25.3	25.9	26.5	23.4	24.0	23.9	24.5	25.1
8H	25.1	25.7	25.6	26.2	26.8	23.7	24.2	24.2	24.8	25.4

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	0.56	0.66	0.73	0.78	0.85	0.91	0.94	0.99	1.02
	0.30		0.48	0.58	0.65	0.71	0.79	0.85	0.89	0.94	0.98
	0.20		0.42	0.52	0.60	0.65	0.74	0.80	0.84	0.91	0.95
0.50	0.50	0.20	0.54	0.63	0.70	0.75	0.82	0.87	0.90	0.94	0.97
	0.30		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.94
	0.20		0.42	0.51	0.59	0.64	0.72	0.78	0.82	0.87	0.91
0.30	0.50	0.20	0.52	0.61	0.68	0.72	0.79	0.83	0.86	0.90	0.93
	0.30		0.46	0.55	0.62	0.67	0.74	0.79	0.82	0.87	0.90
	0.20		0.41	0.51	0.58	0.63	0.70	0.75	0.79	0.85	0.88
0.00	0.00	0.00	0.39	0.48	0.54	0.59	0.66	0.71	0.75	0.80	0.83
Rating:15W 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	1.00	0.83	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.83	0.71	0.62	0.55	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	
0.50	0.50	0.20	0.96	0.79	0.68	0.59	0.47	0.43	0.34	0.26	0.22	
	0.30		0.81	0.69	0.60	0.53	0.43	0.37	0.32	0.25	0.21	
	0.20		0.70	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.38	0.32	0.25	0.21	
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
Rating:15W 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	0.24
	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	0.19	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	0.19
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:15W 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	379.5	0.4	0.4	0.03	0.03
1.0-2.0	379.3	1.1	1.5	0.10	0.13
2.0-3.0	379.0	1.8	3.3	0.17	0.30
3.0-4.0	378.5	2.5	5.8	0.23	0.53
4.0-5.0	377.8	3.3	9.0	0.30	0.83
5.0-6.0	377.0	4.0	13.0	0.36	1.20
6.0-7.0	376.0	4.7	17.7	0.43	1.63
7.0-8.0	374.8	5.4	23.0	0.49	2.12
8.0-9.0	373.5	6.1	29.1	0.56	2.68
9.0-10.0	372.0	6.7	35.8	0.62	3.30
10.0-11.0	370.4	7.4	43.2	0.68	3.98
11.0-12.0	368.6	8.1	51.3	0.74	4.72
12.0-13.0	366.6	8.7	60.0	0.80	5.52
13.0-14.0	364.5	9.3	69.3	0.86	6.38
14.0-15.0	362.3	9.9	79.3	0.92	7.30
15.0-16.0	359.9	10.5	89.8	0.97	8.27
16.0-17.0	357.3	11.1	101.0	1.02	9.29
17.0-18.0	354.6	11.7	112.6	1.08	10.37
18.0-19.0	351.8	12.2	124.9	1.13	11.49
19.0-20.0	348.8	12.8	137.7	1.18	12.67
20.0-21.0	345.7	13.3	150.9	1.22	13.89
21.0-22.0	342.4	13.8	164.7	1.27	15.16
22.0-23.0	339.1	14.2	178.9	1.31	16.47
23.0-24.0	335.6	14.7	193.6	1.35	17.82
24.0-25.0	331.9	15.1	208.7	1.39	19.20
25.0-26.0	328.2	15.5	224.2	1.43	20.63
26.0-27.0	324.4	15.9	240.1	1.46	22.09
27.0-28.0	320.4	16.2	256.3	1.49	23.58
28.0-29.0	316.3	16.6	272.8	1.52	25.11
29.0-30.0	312.2	16.9	289.7	1.55	26.66
30.0-31.0	307.9	17.1	306.8	1.58	28.24
31.0-32.0	303.6	17.4	324.2	1.60	29.84
32.0-33.0	299.1	17.6	341.8	1.62	31.46
33.0-34.0	294.6	17.8	359.7	1.64	33.10
34.0-35.0	289.9	18.0	377.7	1.66	34.76
35.0-36.0	285.3	18.2	395.9	1.67	36.43

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	280.5	18.3	414.2	1.68	38.11
37.0-38.0	275.7	18.4	432.6	1.69	39.81
38.0-39.0	270.8	18.5	451.0	1.70	41.51
39.0-40.0	265.8	18.5	469.6	1.71	43.21
40.0-41.0	260.8	18.6	488.1	1.71	44.92
41.0-42.0	255.7	18.6	506.7	1.71	46.63
42.0-43.0	250.7	18.6	525.3	1.71	48.34
43.0-44.0	245.5	18.5	543.8	1.71	50.05
44.0-45.0	240.2	18.5	562.3	1.70	51.74
45.0-46.0	235.0	18.4	580.7	1.69	53.44
46.0-47.0	229.6	18.3	598.9	1.68	55.12
47.0-48.0	224.3	18.1	617.1	1.67	56.78
48.0-49.0	218.9	18.0	635.0	1.65	58.44
49.0-50.0	213.6	17.8	652.9	1.64	60.08
50.0-51.0	208.2	17.6	670.5	1.62	61.70
51.0-52.0	202.8	17.4	687.9	1.60	63.30
52.0-53.0	197.4	17.2	705.0	1.58	64.88
53.0-54.0	191.9	16.9	722.0	1.56	66.44
54.0-55.0	186.4	16.6	738.6	1.53	67.97
55.0-56.0	181.0	16.4	755.0	1.51	69.48
56.0-57.0	175.5	16.1	771.0	1.48	70.95
57.0-58.0	170.0	15.7	786.7	1.45	72.40
58.0-59.0	164.6	15.4	802.1	1.42	73.82
59.0-60.0	159.1	15.0	817.2	1.38	75.20
60.0-61.0	153.6	14.7	831.8	1.35	76.55
61.0-62.0	148.2	14.3	846.1	1.31	77.86
62.0-63.0	142.7	13.9	860.0	1.28	79.14
63.0-64.0	137.3	13.5	873.5	1.24	80.38
64.0-65.0	131.9	13.1	886.5	1.20	81.58
65.0-66.0	126.5	12.6	899.1	1.16	82.74
66.0-67.0	121.1	12.2	911.3	1.12	83.86
67.0-68.0	115.7	11.7	923.0	1.08	84.94
68.0-69.0	110.4	11.3	934.3	1.04	85.98
69.0-70.0	105.0	10.8	945.1	0.99	86.97
70.0-71.0	99.7	10.3	955.4	0.95	87.92
71.0-72.0	94.5	9.8	965.2	0.90	88.82

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	89.2	9.3	974.5	0.86	89.68
73.0-74.0	83.9	8.8	983.4	0.81	90.49
74.0-75.0	78.7	8.3	991.7	0.77	91.26
75.0-76.0	73.6	7.8	999.5	0.72	91.98
76.0-77.0	68.4	7.3	1006.8	0.67	92.65
77.0-78.0	63.3	6.8	1013.6	0.62	93.27
78.0-79.0	58.2	6.3	1019.8	0.58	93.85
79.0-80.0	53.2	5.7	1025.6	0.53	94.38
80.0-81.0	48.4	5.2	1030.8	0.48	94.86
81.0-82.0	43.6	4.7	1035.5	0.43	95.29
82.0-83.0	38.8	4.2	1039.7	0.39	95.68
83.0-84.0	34.2	3.7	1043.5	0.34	96.02
84.0-85.0	29.8	3.3	1046.7	0.30	96.32
85.0-86.0	25.7	2.8	1049.5	0.26	96.58
86.0-87.0	21.9	2.4	1051.9	0.22	96.80
87.0-88.0	18.6	2.0	1054.0	0.19	96.99
88.0-89.0	15.7	1.7	1055.7	0.16	97.15
89.0-90.0	13.3	1.5	1057.1	0.13	97.28
90.0-91.0	11.3	1.2	1058.4	0.11	97.40
91.0-92.0	9.7	1.1	1059.4	0.10	97.49
92.0-93.0	8.5	0.9	1060.4	0.09	97.58
93.0-94.0	7.7	0.8	1061.2	0.08	97.66
94.0-95.0	7.0	0.8	1062.0	0.07	97.73
95.0-96.0	6.4	0.7	1062.7	0.06	97.79
96.0-97.0	6.0	0.7	1063.3	0.06	97.85
97.0-98.0	5.6	0.6	1063.9	0.06	97.91
98.0-99.0	5.3	0.6	1064.5	0.05	97.96
99.0-100.0	5.1	0.6	1065.1	0.05	98.01
100.0-101.0	5.0	0.5	1065.6	0.05	98.06
101.0-102.0	4.9	0.5	1066.2	0.05	98.11
102.0-103.0	4.8	0.5	1066.7	0.05	98.16
103.0-104.0	4.7	0.5	1067.2	0.05	98.20
104.0-105.0	4.6	0.5	1067.6	0.04	98.25
105.0-106.0	4.5	0.5	1068.1	0.04	98.29
106.0-107.0	4.4	0.5	1068.6	0.04	98.34
107.0-108.0	4.4	0.5	1069.0	0.04	98.38

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	4.3	0.4	1069.5	0.04	98.42
109.0-110.0	4.3	0.4	1069.9	0.04	98.46
110.0-111.0	4.3	0.4	1070.4	0.04	98.50
111.0-112.0	4.2	0.4	1070.8	0.04	98.54
112.0-113.0	4.2	0.4	1071.2	0.04	98.58
113.0-114.0	4.2	0.4	1071.7	0.04	98.62
114.0-115.0	4.2	0.4	1072.1	0.04	98.66
115.0-116.0	4.2	0.4	1072.5	0.04	98.70
116.0-117.0	4.2	0.4	1072.9	0.04	98.73
117.0-118.0	4.2	0.4	1073.3	0.04	98.77
118.0-119.0	4.2	0.4	1073.7	0.04	98.81
119.0-120.0	4.1	0.4	1074.1	0.04	98.84
120.0-121.0	4.1	0.4	1074.5	0.04	98.88
121.0-122.0	4.1	0.4	1074.9	0.04	98.91
122.0-123.0	4.1	0.4	1075.3	0.03	98.95
123.0-124.0	4.1	0.4	1075.6	0.03	98.98
124.0-125.0	4.1	0.4	1076.0	0.03	99.02
125.0-126.0	4.1	0.4	1076.4	0.03	99.05
126.0-127.0	4.1	0.4	1076.7	0.03	99.08
127.0-128.0	4.1	0.4	1077.1	0.03	99.12
128.0-129.0	4.1	0.3	1077.4	0.03	99.15
129.0-130.0	4.1	0.3	1077.8	0.03	99.18
130.0-131.0	4.1	0.3	1078.1	0.03	99.21
131.0-132.0	4.1	0.3	1078.4	0.03	99.24
132.0-133.0	4.1	0.3	1078.8	0.03	99.27
133.0-134.0	4.0	0.3	1079.1	0.03	99.30
134.0-135.0	4.0	0.3	1079.4	0.03	99.33
135.0-136.0	4.0	0.3	1079.7	0.03	99.36
136.0-137.0	4.0	0.3	1080.0	0.03	99.39
137.0-138.0	4.0	0.3	1080.3	0.03	99.42
138.0-139.0	4.0	0.3	1080.6	0.03	99.44
139.0-140.0	4.0	0.3	1080.9	0.03	99.47
140.0-141.0	4.0	0.3	1081.2	0.03	99.49
141.0-142.0	4.0	0.3	1081.4	0.02	99.52
142.0-143.0	4.0	0.3	1081.7	0.02	99.54
143.0-144.0	4.0	0.3	1082.0	0.02	99.57

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	4.0	0.3	1082.2	0.02	99.59
145.0-146.0	4.0	0.2	1082.5	0.02	99.61
146.0-147.0	4.0	0.2	1082.7	0.02	99.63
147.0-148.0	4.0	0.2	1082.9	0.02	99.66
148.0-149.0	3.9	0.2	1083.2	0.02	99.68
149.0-150.0	3.9	0.2	1083.4	0.02	99.70
150.0-151.0	3.9	0.2	1083.6	0.02	99.72
151.0-152.0	3.9	0.2	1083.8	0.02	99.74
152.0-153.0	3.9	0.2	1084.0	0.02	99.75
153.0-154.0	3.9	0.2	1084.2	0.02	99.77
154.0-155.0	3.9	0.2	1084.4	0.02	99.79
155.0-156.0	3.9	0.2	1084.6	0.02	99.81
156.0-157.0	3.9	0.2	1084.7	0.02	99.82
157.0-158.0	3.9	0.2	1084.9	0.02	99.84
158.0-159.0	3.9	0.2	1085.0	0.01	99.85
159.0-160.0	3.9	0.2	1085.2	0.01	99.86
160.0-161.0	3.9	0.1	1085.3	0.01	99.88
161.0-162.0	3.9	0.1	1085.5	0.01	99.89
162.0-163.0	3.9	0.1	1085.6	0.01	99.90
163.0-164.0	3.9	0.1	1085.7	0.01	99.91
164.0-165.0	3.9	0.1	1085.8	0.01	99.92
165.0-166.0	3.9	0.1	1085.9	0.01	99.93
166.0-167.0	3.9	0.1	1086.0	0.01	99.94
167.0-168.0	3.9	0.1	1086.1	0.01	99.95
168.0-169.0	3.9	0.1	1086.2	0.01	99.96
169.0-170.0	3.9	0.1	1086.3	0.01	99.97
170.0-171.0	3.9	0.1	1086.4	0.01	99.97
171.0-172.0	3.9	0.1	1086.4	0.01	99.98
172.0-173.0	3.9	0.1	1086.5	0.01	99.98
173.0-174.0	3.9	0.0	1086.5	0.00	99.99
174.0-175.0	3.9	0.0	1086.6	0.00	99.99
175.0-176.0	3.9	0.0	1086.6	0.00	99.99
176.0-177.0	3.9	0.0	1086.6	0.00	100.00
177.0-178.0	3.9	0.0	1086.7	0.00	100.00
178.0-179.0	3.9	0.0	1086.7	0.00	100.00
179.0-180.0	3.9	0.0	1086.7	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: