

Report No.:

Test Time: 2023/2/21 15:22

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4020x45-RED ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.2 V

Current: 0.080 A

Power: 6.84 W

Power Factor: 0.392

Photometric Results

CIE Class: Direct

Measurement Flux: 277.2 lm

Downward Ratio: 95%

Horizontal Diffuse Angle(10%,50%): H81.6,H45.1

Vertical Diffuse Angle(10%,50%): V54,V22.1

Luminaire Efficacy Rating (LER): 41

Max. Intensity: 587.39 cd

Total Rated Lamp Lumens: 277.2 lm

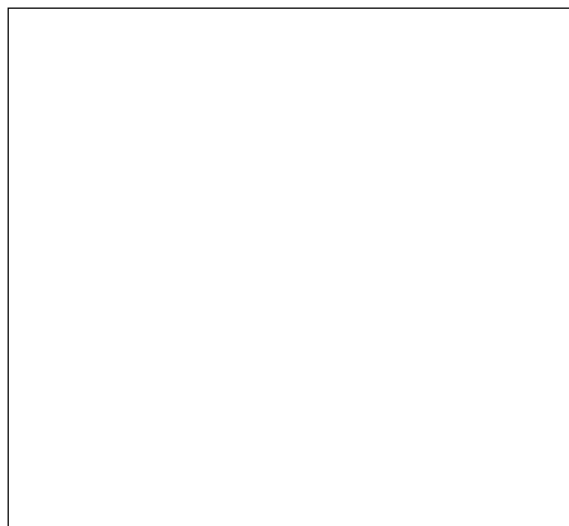
Efficiency: 100%

Upward Ratio: 5%

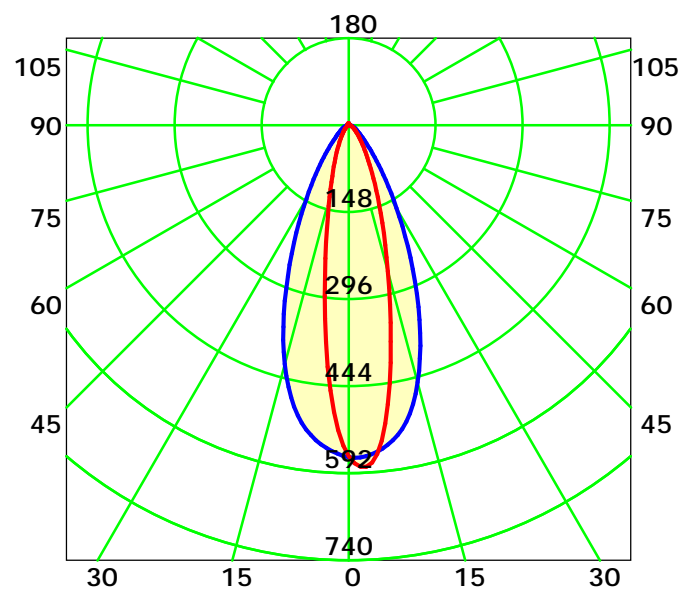
Central Intensity: 564.56 cd

Pos of Max. Intensity: H150 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 33.6° 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

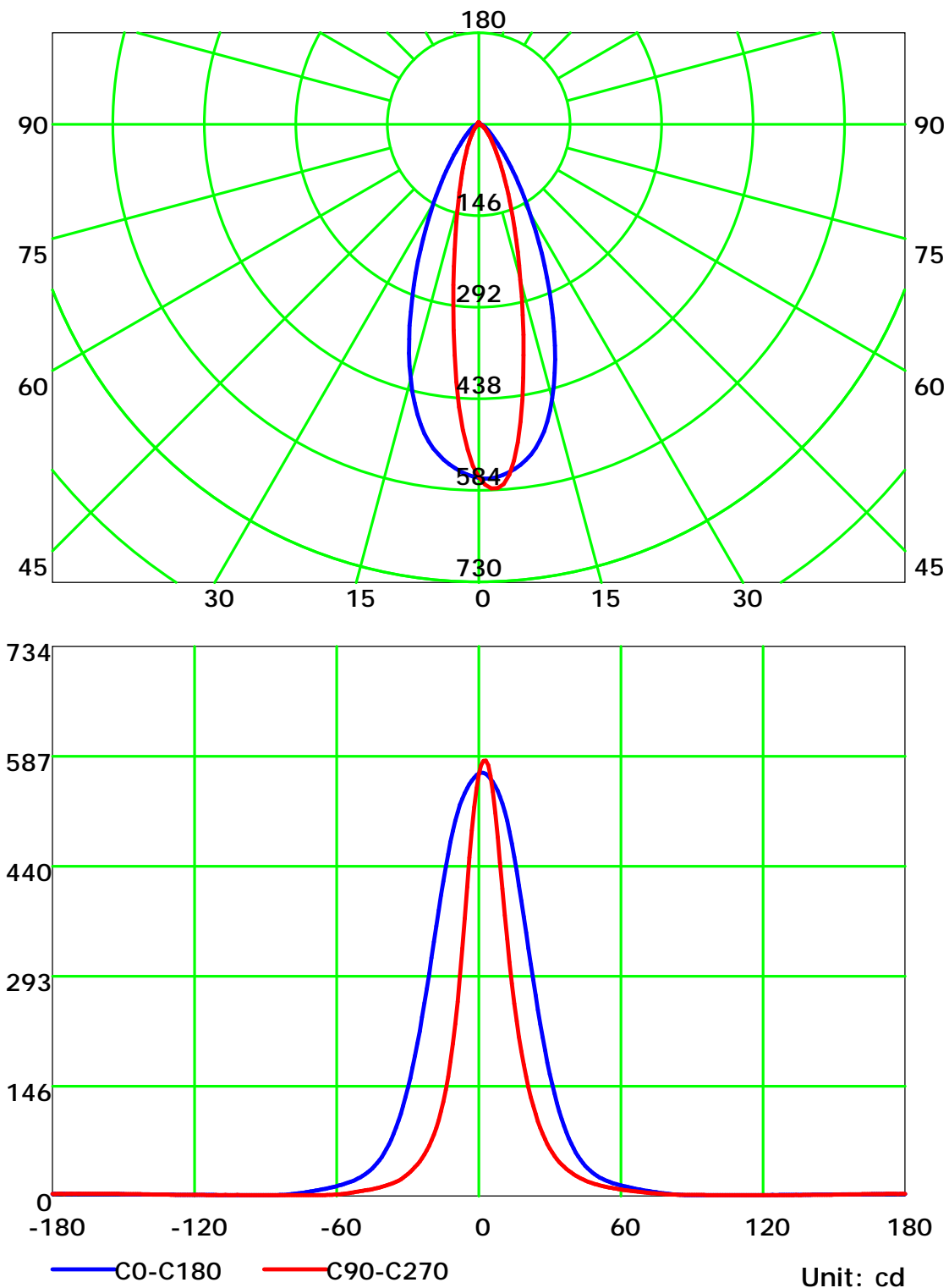
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

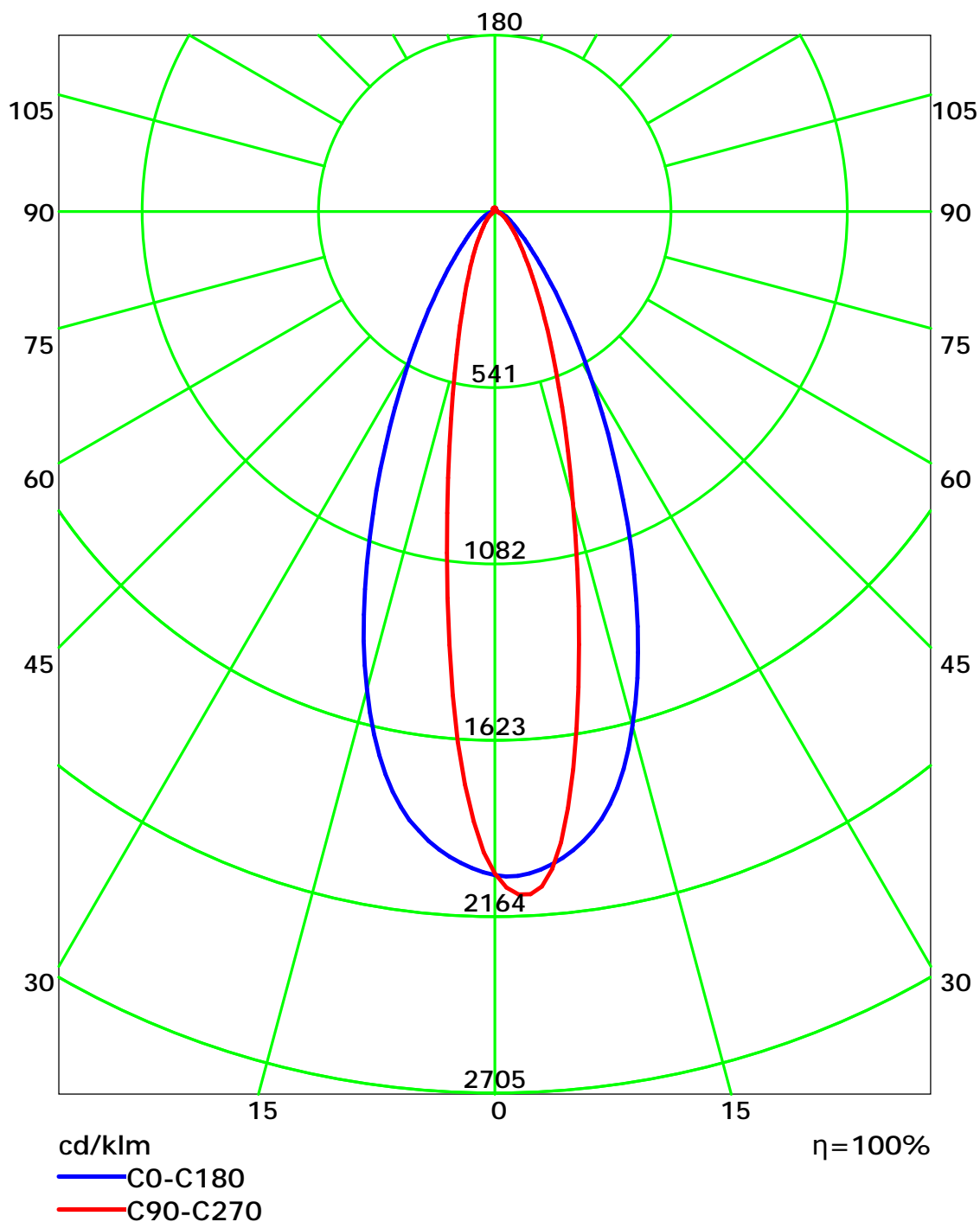
Luminous Intensity Distribution Curve



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:

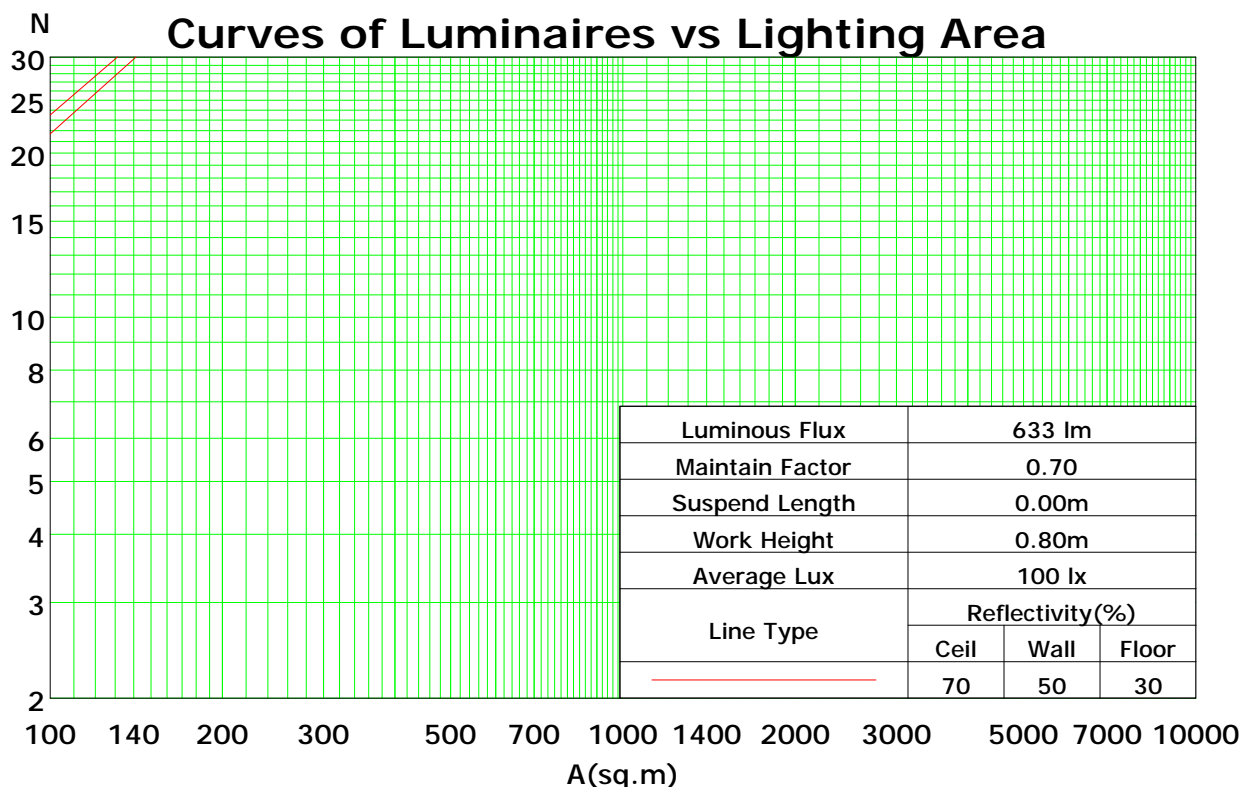
Coefficients Of Utilization - Zonal Cavity Method

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	95
1	112	109	106	103	109	106	104	101	101	99	97	97	95	94	92	91	90	88
2	106	100	96	92	103	98	94	91	94	91	88	91	88	86	87	85	83	81
3	100	93	88	84	98	92	87	83	88	84	81	85	82	79	82	80	77	76
4	95	87	81	77	93	86	80	76	83	79	75	80	77	74	78	75	72	71
5	90	82	76	71	88	81	75	71	78	74	70	76	72	69	74	71	68	66
6	86	77	71	67	84	76	70	66	74	69	65	72	68	65	70	67	64	62
7	82	73	67	63	81	72	66	62	70	65	62	69	64	61	67	63	60	59
8	79	69	63	59	77	68	63	59	67	62	58	65	61	58	64	60	57	56
9	75	66	60	56	74	65	59	56	64	59	55	63	58	55	61	57	54	53
10	72	63	57	53	71	62	57	53	61	56	53	60	55	52	59	55	52	51

Spacing Criteria (0-180): 0.72

Spacing Criteria (90-270): 0.38

Spacing Criteria (Diagonal): 0.53



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

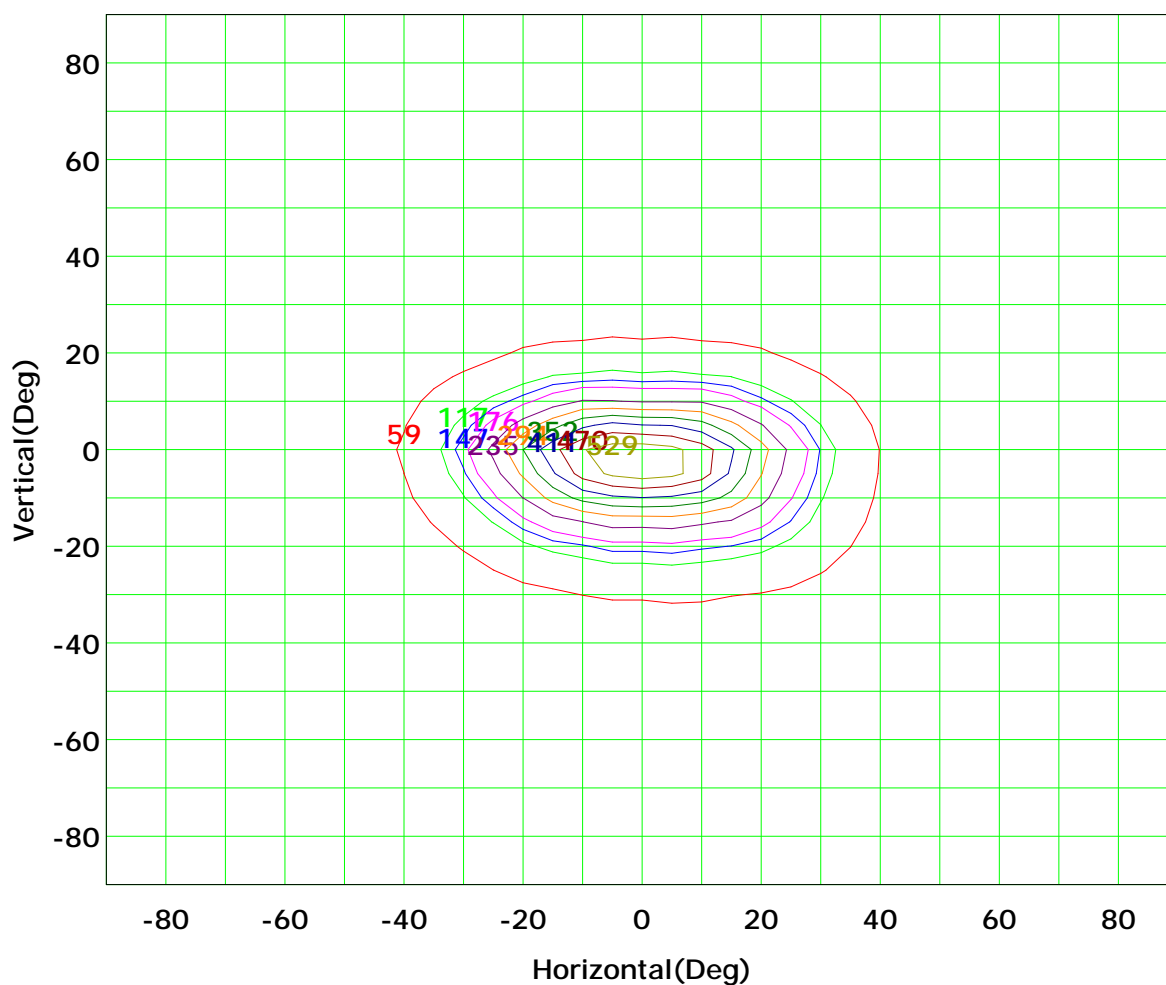
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



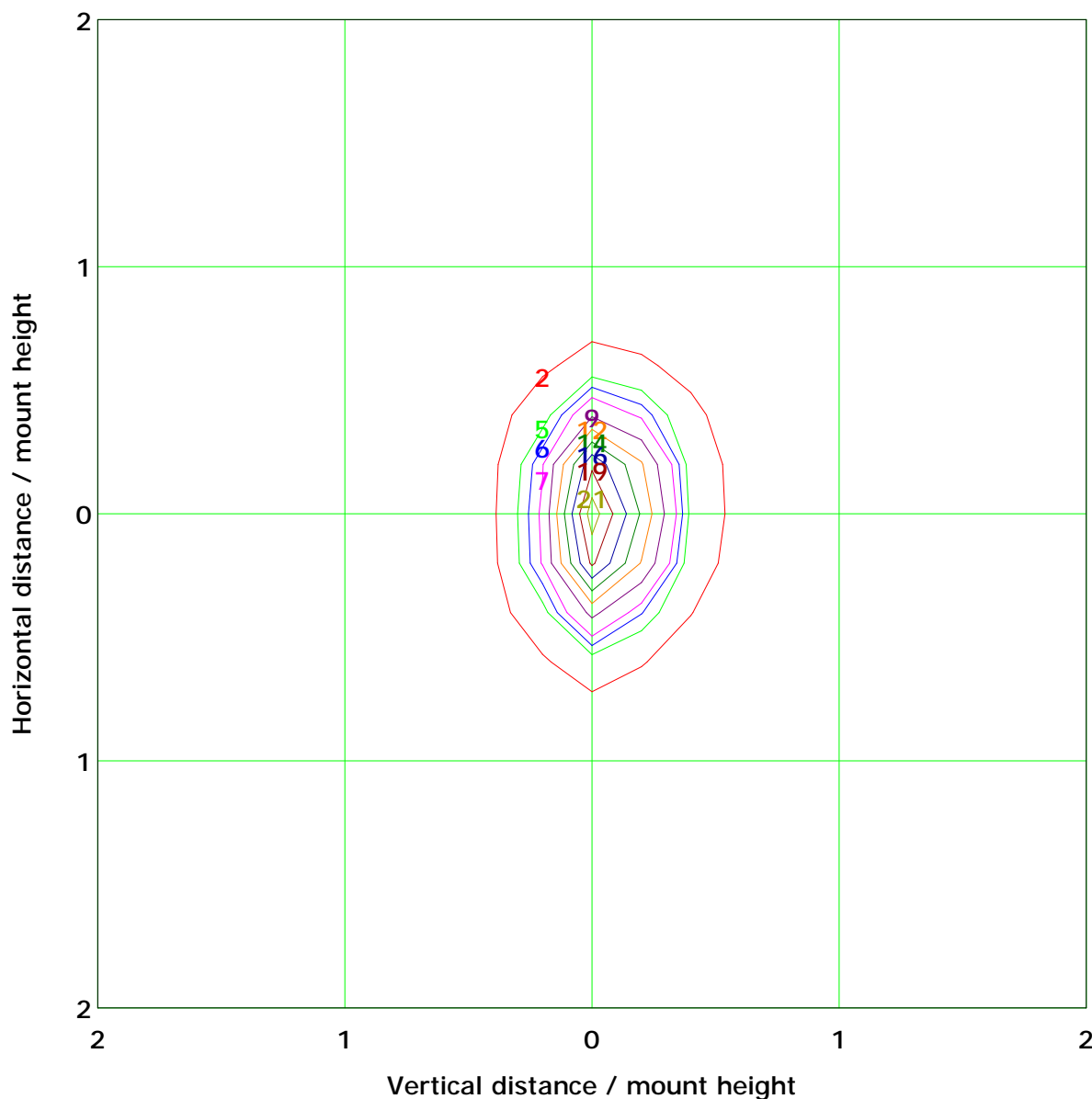
Imax (100%): 587 cd

(10%): 59 cd	(20%): 117 cd
(25%): 147 cd	(30%): 176 cd
(40%): 235 cd	(50%): 294 cd
(60%): 352 cd	(70%): 411 cd
(80%): 470 cd	(90%): 529 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%): 23.5 lx	
(10%): 2.3 lx	(20%): 4.7 lx
(25%): 5.9 lx	(30%): 7.0 lx
(40%): 9.4 lx	(50%): 11.7 lx
(60%): 14.1 lx	(70%): 16.4 lx
(80%): 18.8 lx	(90%): 21.1 lx

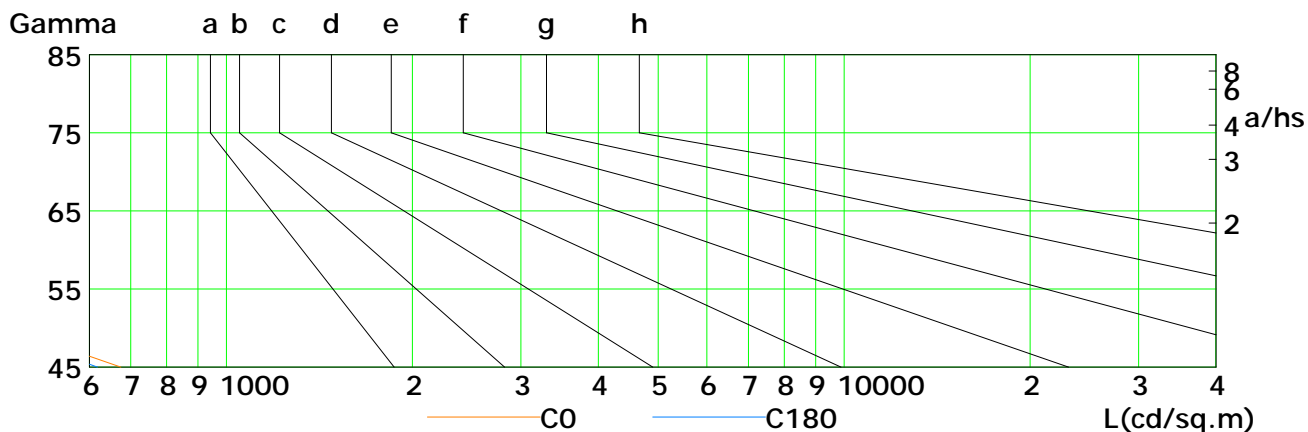
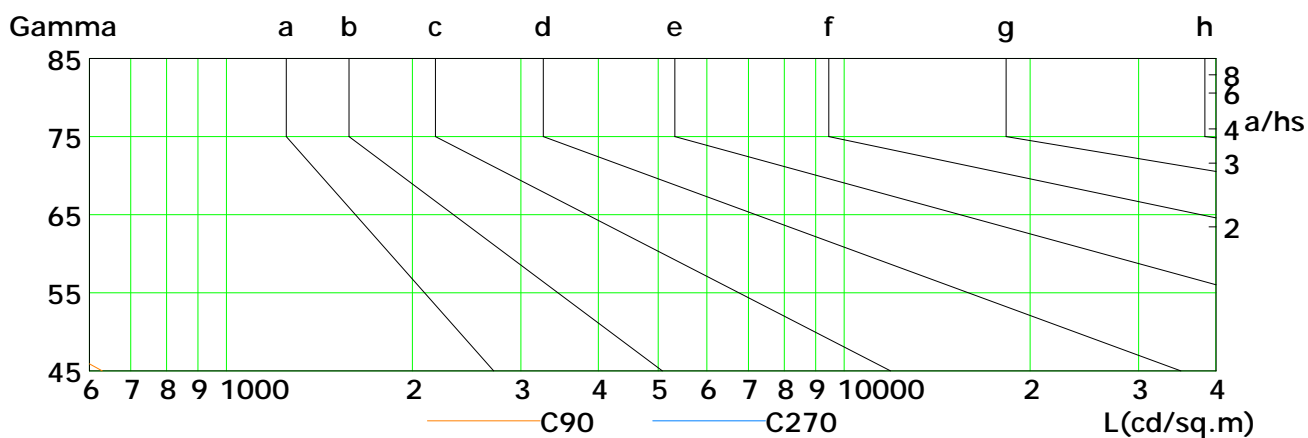
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

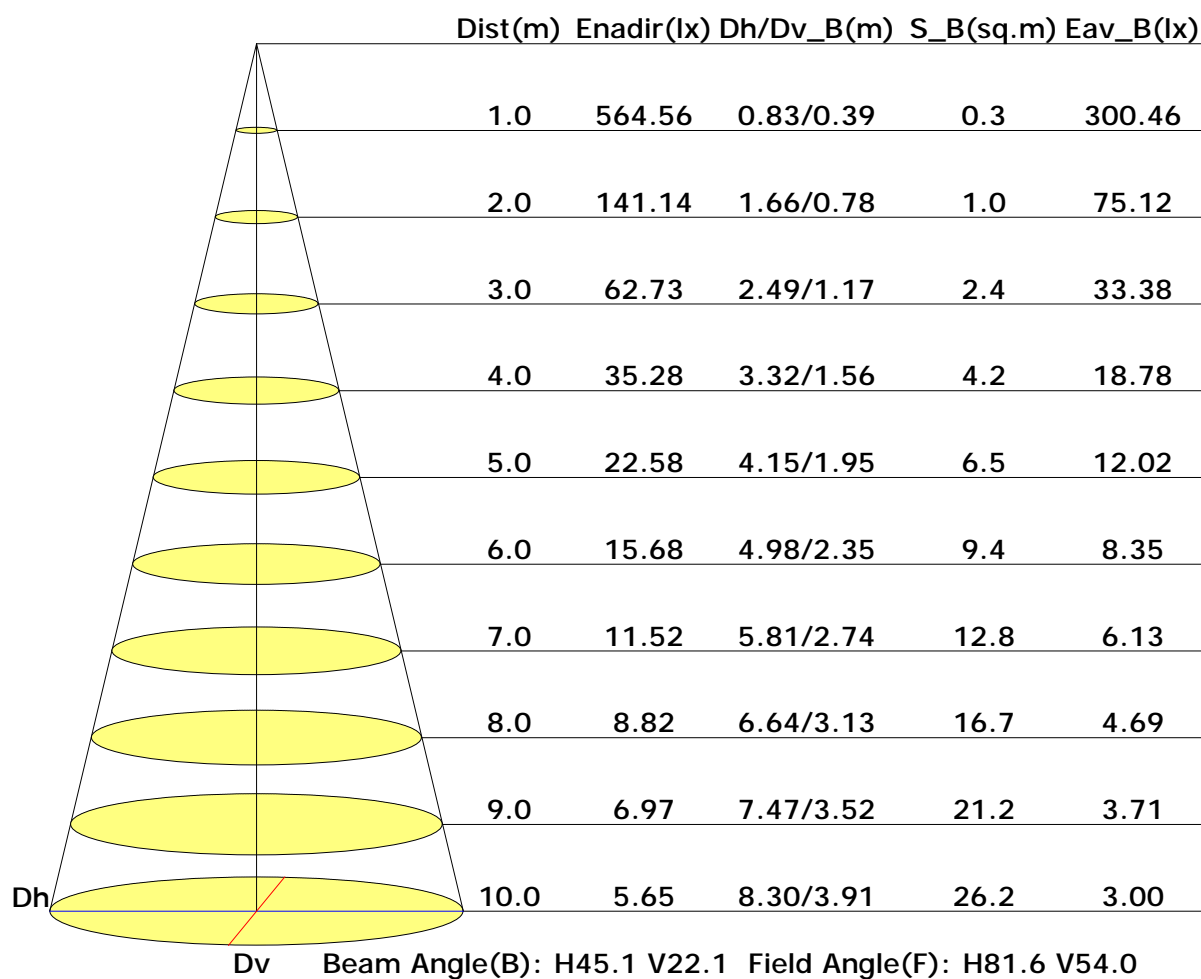


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	675	444	315	236	176	129	91	58	36
C90	630	483	384	312	252	202	162	130	107
C180	618	416	298	220	163	116	76	44	30
C270	288	216	139	85	64	67	72	80	91

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:

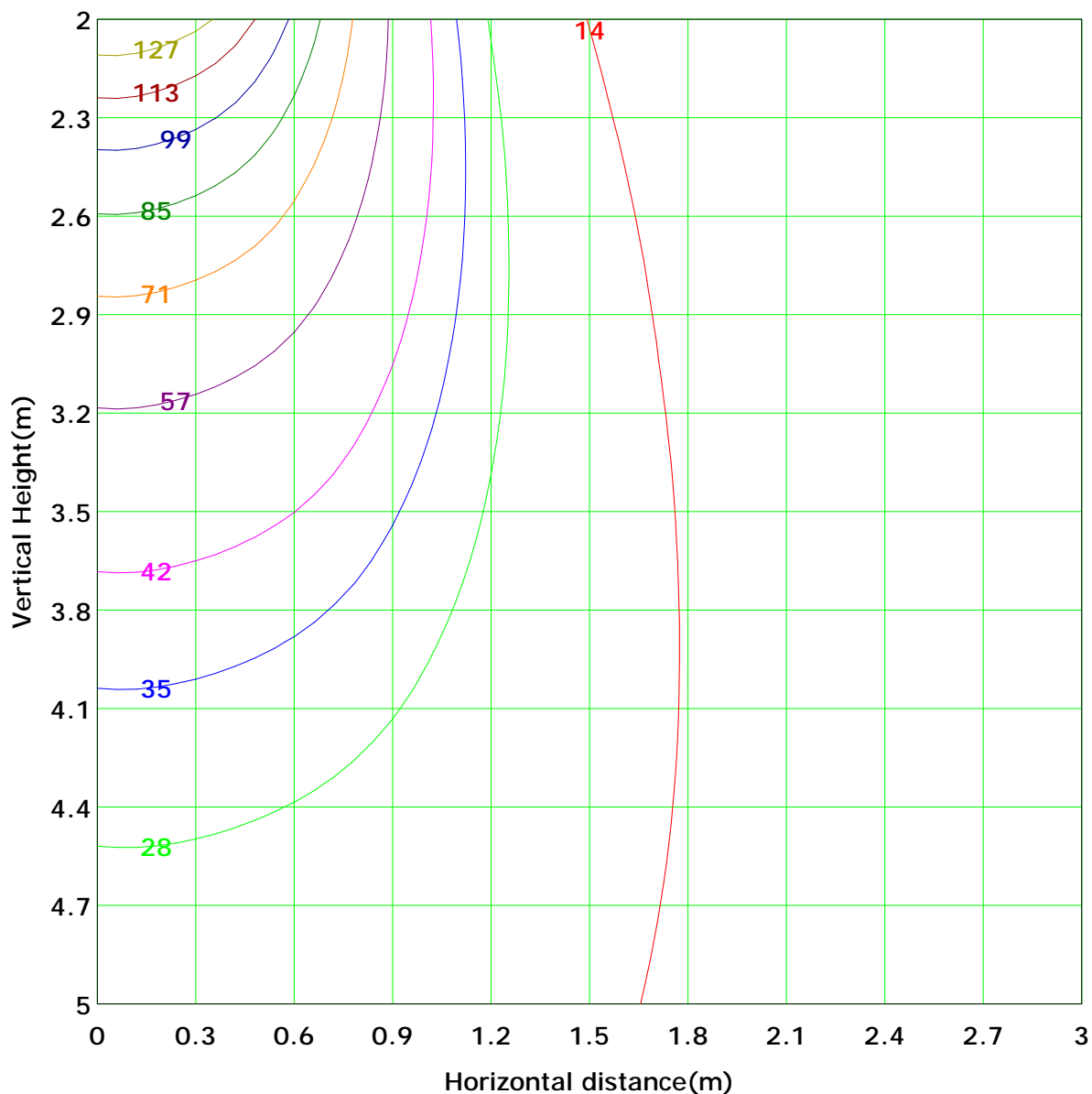
Illuminance at a Distance



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: 141.3 lx
(10%): 14.1 lx	(20%): 28.3 lx	
(25%): 35.3 lx	(30%): 42.4 lx	
(40%): 56.5 lx	(50%): 70.6 lx	
(60%): 84.8 lx	(70%): 98.9 lx	
(80%): 113.0 lx	(90%): 127.2 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

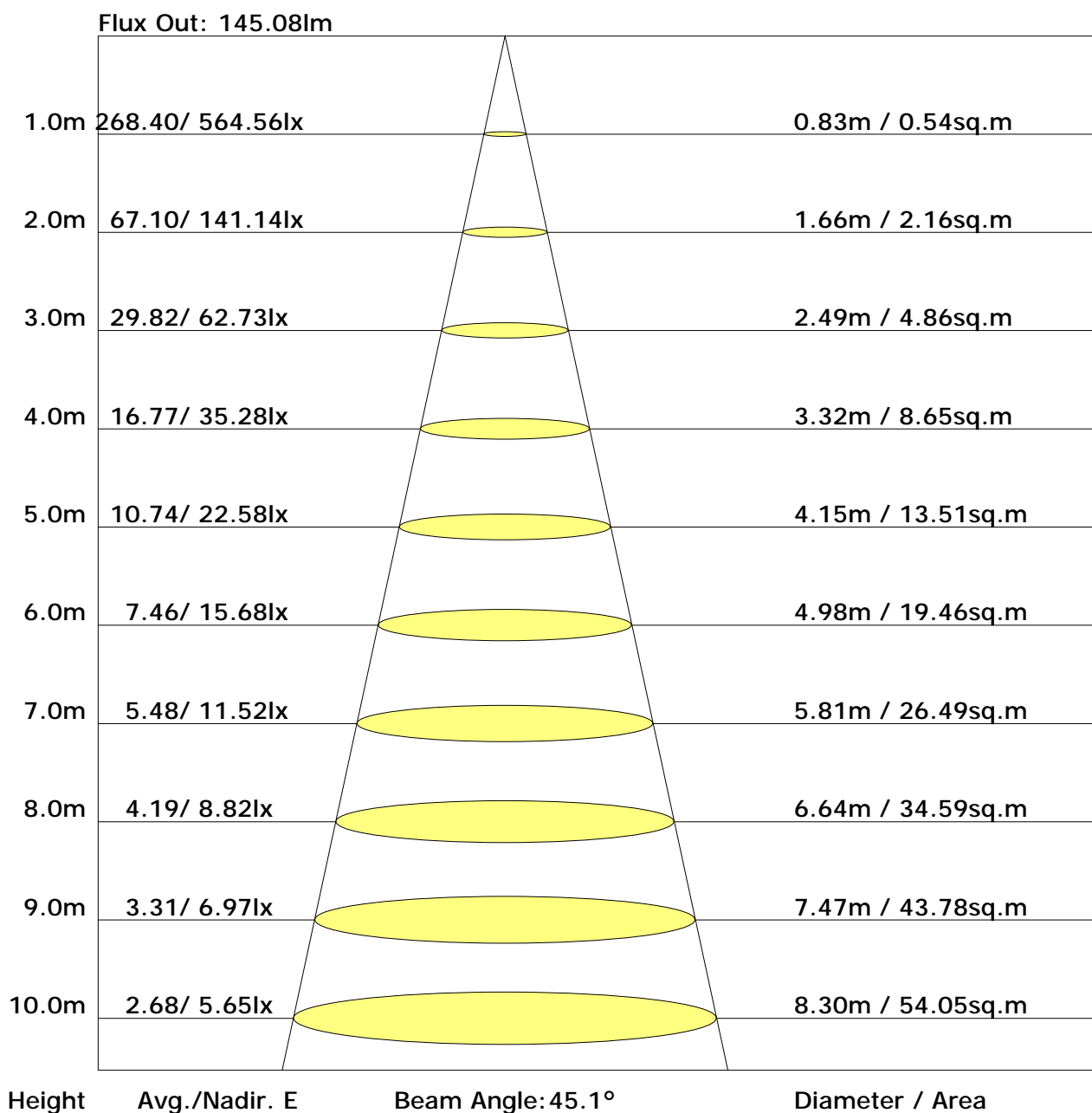
Unit: lm

Vertical plane	Horizontal plane																	Flux(T)	Flux(E)	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
-70	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	0.1	0.1	0.0	0.0	0.0	0.0	0.7
-60	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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.5
-50	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	0.2	0.1	0.1	0.1	0.0	0.0	2.8
-40	0.0	0.0	0.1	0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.0	0.0	5.2
-30	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.0	0.7	0.4	0.3	0.1	0.1	0.0	0.0	0.0	10.5
-20	0.0	0.0	0.1	0.3	0.6	1.2	2.2	3.5	4.1	4.2	3.7	2.3	1.3	0.6	0.3	0.1	0.1	0.0	0.0	0.0	24.5
-10	0.0	0.0	0.1	0.3	0.8	2.0	4.8	9.1	12.1	12.5	9.7	5.3	2.2	0.8	0.3	0.1	0.1	0.0	0.0	0.0	60.3
0	0.0	0.0	0.1	0.3	0.8	2.3	5.8	11.5	15.7	15.6	11.6	5.9	2.4	0.9	0.3	0.1	0.1	0.0	0.0	0.0	73.5
10	0.0	0.0	0.1	0.3	0.7	1.8	4.0	6.7	8.1	7.9	6.2	3.4	1.6	0.7	0.3	0.1	0.1	0.0	0.0	0.0	42.1
20	0.0	0.0	0.1	0.3	0.6	1.2	2.1	2.8	3.2	3.1	2.5	1.7	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0	19.4
30	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.4	1.3	1.1	0.8	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	9.7
40	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	5.5
50	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	3.4
60	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.1
70	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
80	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
90	0.1	0.4	1.3	2.8	5.7	11.8	23.2	38.8	48.7	48.9	38.4	22.6	11.3	5.5	2.7	1.3	0.5	0.1	0.1	0.1	264
Flux(E)	0.0	0.0	0.0	0.0	0.0	6.0	18.4	34.0	44.0	44.1	33.7	17.7	5.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	204

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



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	8.7	9.8	9.2	10.2	10.6	6.0	7.0	6.5	7.5	7.9
3H	10.0	11.0	10.5	11.4	11.9	6.9	7.8	7.4	8.3	8.8
4H	10.4	11.3	10.9	11.8	12.3	7.2	8.1	7.7	8.5	9.0
6H	10.7	11.5	11.2	12.0	12.5	7.4	8.2	7.9	8.7	9.2
8H	10.8	11.5	11.3	12.0	12.5	7.5	8.2	8.0	8.7	9.2
12H	10.8	11.6	11.4	12.0	12.6	7.5	8.2	8.0	8.7	9.2
X=4H Y=2H	8.7	9.6	9.2	10.0	10.5	6.6	7.5	7.1	7.9	8.4
3H	10.1	10.8	10.6	11.3	11.8	7.6	8.3	8.1	8.8	9.4
4H	10.6	11.2	11.1	11.7	12.3	8.0	8.6	8.5	9.1	9.7
6H	10.9	11.5	11.5	12.0	12.6	8.3	8.8	8.8	9.3	9.9
8H	11.0	11.5	11.6	12.1	12.6	8.3	8.8	8.9	9.4	10.0
12H	11.1	11.6	11.7	12.1	12.7	8.4	8.9	9.0	9.4	10.0
X=8H Y=4H	10.5	11.0	11.0	11.5	12.1	8.2	8.7	8.8	9.2	9.8
6H	10.9	11.3	11.5	11.9	12.5	8.5	9.0	9.1	9.5	10.1
8H	11.0	11.4	11.6	12.0	12.6	8.7	9.0	9.3	9.6	10.2
12H	11.2	11.5	11.8	12.1	12.8	8.8	9.1	9.4	9.7	10.4
X=12H Y=4H	10.4	10.9	11.0	11.4	12.0	8.2	8.6	8.8	9.2	9.8
6H	10.8	11.2	11.4	11.8	12.4	8.6	8.9	9.2	9.5	10.1
8H	11.0	11.3	11.6	11.9	12.6	8.7	9.1	9.3	9.6	10.3

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	0.81	0.87	0.92	0.95	0.99	1.02	1.04	1.07	1.09
	0.30		0.76	0.83	0.87	0.91	0.96	0.99	1.01	1.04	1.07
	0.20		0.72	0.79	0.84	0.87	0.92	0.96	0.99	1.02	1.05
0.50	0.50	0.20	0.79	0.85	0.89	0.92	0.96	0.98	1.00	1.02	1.04
	0.30		0.75	0.81	0.85	0.88	0.93	0.96	0.98	1.00	1.02
	0.20		0.72	0.78	0.82	0.85	0.90	0.93	0.95	0.99	1.00
0.30	0.50	0.20	0.78	0.83	0.87	0.89	0.93	0.95	0.96	0.98	0.99
	0.30		0.74	0.80	0.83	0.86	0.90	0.92	0.94	0.96	0.98
	0.20		0.71	0.77	0.81	0.84	0.88	0.91	0.92	0.95	0.97
0.00	0.00	0.00	0.69	0.74	0.78	0.80	0.84	0.86	0.88	0.90	0.91
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 = 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	0.63	0.51	0.43	0.38	0.30	0.25	0.21	0.17	0.14
	0.30		0.52	0.44	0.38	0.33	0.27	0.23	0.20	0.16	0.13
	0.20		0.45	0.38	0.34	0.30	0.25	0.21	0.18	0.15	0.12
0.50	0.50	0.20	0.59	0.48	0.40	0.35	0.28	0.27	0.19	0.15	0.12
	0.30		0.50	0.41	0.36	0.31	0.25	0.21	0.18	0.14	0.12
	0.20		0.43	0.37	0.32	0.28	0.23	0.20	0.17	0.14	0.11
0.30	0.50	0.20	0.56	0.45	0.37	0.32	0.25	0.21	0.18	0.14	0.11
	0.30		0.47	0.39	0.33	0.29	0.23	0.20	0.17	0.13	0.11
	0.20		0.42	0.35	0.30	0.27	0.22	0.18	0.16	0.12	0.10
0.00	0.00	0.00	0.28	0.22	0.19	0.16	0.13	0.11	0.09	0.07	0.06
<p>Rating: 7W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.18	0.19	0.21	0.21	0.23	0.24	0.24	0.25	0.26
	0.30		0.14	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	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.23
	0.20		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22
0.30	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.22
	0.20		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21
0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
<p>Rating: 7W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	566.3	0.5	0.5	0.20	0.20
1.0-2.0	562.6	1.6	2.2	0.58	0.78
2.0-3.0	555.3	2.7	4.8	0.96	1.74
3.0-4.0	544.6	3.6	8.5	1.32	3.05
4.0-5.0	530.5	4.6	13.0	1.65	4.70
5.0-6.0	513.2	5.4	18.4	1.95	6.64
6.0-7.0	493.1	6.1	24.5	2.21	8.85
7.0-8.0	471.0	6.7	31.3	2.43	11.28
8.0-9.0	447.6	7.3	38.5	2.62	13.90
9.0-10.0	423.4	7.7	46.2	2.76	16.67
10.0-11.0	398.9	8.0	54.2	2.88	19.54
11.0-12.0	374.4	8.2	62.4	2.95	22.49
12.0-13.0	350.4	8.3	70.7	3.00	25.50
13.0-14.0	326.9	8.4	79.0	3.02	28.51
14.0-15.0	304.0	8.3	87.4	3.01	31.53
15.0-16.0	282.2	8.3	95.7	2.98	34.51
16.0-17.0	261.7	8.2	103.8	2.94	37.45
17.0-18.0	242.1	8.0	111.8	2.88	40.33
18.0-19.0	223.4	7.8	119.6	2.80	43.13
19.0-20.0	205.9	7.5	127.1	2.72	45.85
20.0-21.0	189.5	7.3	134.4	2.63	48.48
21.0-22.0	174.2	7.0	141.4	2.53	51.00
22.0-23.0	160.0	6.7	148.1	2.42	53.42
23.0-24.0	146.9	6.4	154.5	2.32	55.74
24.0-25.0	134.5	6.1	160.6	2.21	57.95
25.0-26.0	123.2	5.8	166.5	2.10	60.05
26.0-27.0	112.9	5.5	172.0	1.99	62.04
27.0-28.0	103.3	5.2	177.2	1.89	63.93
28.0-29.0	94.5	4.9	182.2	1.78	65.71
29.0-30.0	86.5	4.7	186.8	1.69	67.40
30.0-31.0	79.2	4.4	191.2	1.59	68.99
31.0-32.0	72.6	4.2	195.4	1.50	70.49
32.0-33.0	66.5	3.9	199.3	1.41	71.90
33.0-34.0	60.9	3.7	203.0	1.33	73.23
34.0-35.0	55.9	3.5	206.5	1.25	74.48
35.0-36.0	51.3	3.3	209.7	1.18	75.66

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	47.2	3.1	212.8	1.11	76.77
37.0-38.0	43.5	2.9	215.7	1.05	77.82
38.0-39.0	40.1	2.7	218.5	0.99	78.81
39.0-40.0	37.0	2.6	221.0	0.93	79.74
40.0-41.0	34.2	2.4	223.5	0.88	80.62
41.0-42.0	31.6	2.3	225.8	0.83	81.44
42.0-43.0	29.3	2.2	227.9	0.78	82.23
43.0-44.0	27.2	2.1	230.0	0.74	82.97
44.0-45.0	25.2	1.9	231.9	0.70	83.67
45.0-46.0	23.5	1.8	233.8	0.66	84.33
46.0-47.0	21.9	1.7	235.5	0.63	84.96
47.0-48.0	20.4	1.7	237.2	0.60	85.55
48.0-49.0	19.1	1.6	238.7	0.56	86.12
49.0-50.0	17.8	1.5	240.2	0.54	86.66
50.0-51.0	16.7	1.4	241.6	0.51	87.17
51.0-52.0	15.7	1.3	243.0	0.48	87.65
52.0-53.0	14.7	1.3	244.2	0.46	88.11
53.0-54.0	13.8	1.2	245.5	0.44	88.55
54.0-55.0	13.0	1.2	246.6	0.42	88.97
55.0-56.0	12.2	1.1	247.7	0.40	89.37
56.0-57.0	11.4	1.0	248.8	0.38	89.74
57.0-58.0	10.8	1.0	249.8	0.36	90.10
58.0-59.0	10.1	0.9	250.7	0.34	90.44
59.0-60.0	9.5	0.9	251.6	0.32	90.77
60.0-61.0	8.9	0.9	252.5	0.31	91.08
61.0-62.0	8.4	0.8	253.3	0.29	91.37
62.0-63.0	7.9	0.8	254.0	0.28	91.64
63.0-64.0	7.4	0.7	254.8	0.26	91.91
64.0-65.0	7.0	0.7	255.5	0.25	92.16
65.0-66.0	6.6	0.7	256.1	0.24	92.39
66.0-67.0	6.2	0.6	256.7	0.22	92.62
67.0-68.0	5.8	0.6	257.3	0.21	92.83
68.0-69.0	5.5	0.6	257.9	0.20	93.03
69.0-70.0	5.1	0.5	258.4	0.19	93.22
70.0-71.0	4.8	0.5	258.9	0.18	93.40
71.0-72.0	4.5	0.5	259.4	0.17	93.57

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 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4.2	0.4	259.8	0.16	93.72
73.0-74.0	3.9	0.4	260.2	0.15	93.87
74.0-75.0	3.6	0.4	260.6	0.14	94.01
75.0-76.0	3.4	0.4	260.9	0.13	94.13
76.0-77.0	3.1	0.3	261.3	0.12	94.26
77.0-78.0	2.9	0.3	261.6	0.11	94.37
78.0-79.0	2.7	0.3	261.9	0.10	94.47
79.0-80.0	2.5	0.3	262.1	0.10	94.57
80.0-81.0	2.3	0.3	262.4	0.09	94.66
81.0-82.0	2.2	0.2	262.6	0.09	94.75
82.0-83.0	2.1	0.2	262.9	0.08	94.83
83.0-84.0	2.0	0.2	263.1	0.08	94.91
84.0-85.0	1.9	0.2	263.3	0.07	94.98
85.0-86.0	1.8	0.2	263.5	0.07	95.05
86.0-87.0	1.8	0.2	263.7	0.07	95.12
87.0-88.0	1.8	0.2	263.9	0.07	95.19
88.0-89.0	1.7	0.2	264.1	0.07	95.26
89.0-90.0	1.7	0.2	264.2	0.07	95.33
90.0-91.0	1.7	0.2	264.4	0.07	95.40
91.0-92.0	1.7	0.2	264.6	0.07	95.46
92.0-93.0	1.7	0.2	264.8	0.07	95.53
93.0-94.0	1.7	0.2	265.0	0.07	95.60
94.0-95.0	1.7	0.2	265.2	0.07	95.67
95.0-96.0	1.7	0.2	265.4	0.07	95.73
96.0-97.0	1.7	0.2	265.6	0.07	95.80
97.0-98.0	1.7	0.2	265.7	0.07	95.86
98.0-99.0	1.7	0.2	265.9	0.07	95.93
99.0-100.0	1.7	0.2	266.1	0.07	96.00
100.0-101.0	1.7	0.2	266.3	0.07	96.06
101.0-102.0	1.7	0.2	266.5	0.07	96.13
102.0-103.0	1.7	0.2	266.6	0.07	96.19
103.0-104.0	1.7	0.2	266.8	0.07	96.26
104.0-105.0	1.7	0.2	267.0	0.06	96.32
105.0-106.0	1.7	0.2	267.2	0.07	96.39
106.0-107.0	1.7	0.2	267.4	0.06	96.45
107.0-108.0	1.7	0.2	267.5	0.06	96.52

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	1.7	0.2	267.7	0.06	96.58
109.0-110.0	1.7	0.2	267.9	0.06	96.65
110.0-111.0	1.7	0.2	268.1	0.06	96.71
111.0-112.0	1.7	0.2	268.3	0.06	96.77
112.0-113.0	1.7	0.2	268.4	0.06	96.84
113.0-114.0	1.7	0.2	268.6	0.06	96.90
114.0-115.0	1.8	0.2	268.8	0.06	96.96
115.0-116.0	1.8	0.2	269.0	0.06	97.03
116.0-117.0	1.8	0.2	269.1	0.06	97.09
117.0-118.0	1.8	0.2	269.3	0.06	97.15
118.0-119.0	1.8	0.2	269.5	0.06	97.21
119.0-120.0	1.8	0.2	269.6	0.06	97.28
120.0-121.0	1.8	0.2	269.8	0.06	97.34
121.0-122.0	1.8	0.2	270.0	0.06	97.40
122.0-123.0	1.9	0.2	270.2	0.06	97.46
123.0-124.0	1.9	0.2	270.3	0.06	97.53
124.0-125.0	1.9	0.2	270.5	0.06	97.59
125.0-126.0	1.9	0.2	270.7	0.06	97.65
126.0-127.0	1.9	0.2	270.8	0.06	97.71
127.0-128.0	2.0	0.2	271.0	0.06	97.77
128.0-129.0	2.0	0.2	271.2	0.06	97.83
129.0-130.0	2.0	0.2	271.4	0.06	97.89
130.0-131.0	2.0	0.2	271.5	0.06	97.95
131.0-132.0	2.1	0.2	271.7	0.06	98.02
132.0-133.0	2.1	0.2	271.9	0.06	98.08
133.0-134.0	2.1	0.2	272.0	0.06	98.14
134.0-135.0	2.2	0.2	272.2	0.06	98.20
135.0-136.0	2.2	0.2	272.4	0.06	98.26
136.0-137.0	2.2	0.2	272.5	0.06	98.32
137.0-138.0	2.3	0.2	272.7	0.06	98.38
138.0-139.0	2.3	0.2	272.9	0.06	98.44
139.0-140.0	2.3	0.2	273.0	0.06	98.50
140.0-141.0	2.4	0.2	273.2	0.06	98.56
141.0-142.0	2.4	0.2	273.4	0.06	98.62
142.0-143.0	2.5	0.2	273.5	0.06	98.68
143.0-144.0	2.5	0.2	273.7	0.06	98.74

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	2.5	0.2	273.9	0.06	98.80
145.0-146.0	2.6	0.2	274.0	0.06	98.85
146.0-147.0	2.6	0.2	274.2	0.06	98.91
147.0-148.0	2.7	0.2	274.3	0.06	98.97
148.0-149.0	2.7	0.2	274.5	0.06	99.02
149.0-150.0	2.7	0.2	274.6	0.05	99.08
150.0-151.0	2.8	0.1	274.8	0.05	99.13
151.0-152.0	2.8	0.1	274.9	0.05	99.18
152.0-153.0	2.9	0.1	275.1	0.05	99.24
153.0-154.0	2.9	0.1	275.2	0.05	99.29
154.0-155.0	2.9	0.1	275.4	0.05	99.34
155.0-156.0	3.0	0.1	275.5	0.05	99.38
156.0-157.0	3.0	0.1	275.6	0.05	99.43
157.0-158.0	3.0	0.1	275.8	0.05	99.48
158.0-159.0	3.0	0.1	275.9	0.04	99.52
159.0-160.0	3.1	0.1	276.0	0.04	99.56
160.0-161.0	3.1	0.1	276.1	0.04	99.61
161.0-162.0	3.1	0.1	276.2	0.04	99.64
162.0-163.0	3.1	0.1	276.3	0.04	99.68
163.0-164.0	3.2	0.1	276.4	0.04	99.72
164.0-165.0	3.2	0.1	276.5	0.03	99.75
165.0-166.0	3.2	0.1	276.6	0.03	99.78
166.0-167.0	3.2	0.1	276.7	0.03	99.81
167.0-168.0	3.2	0.1	276.8	0.03	99.84
168.0-169.0	3.2	0.1	276.8	0.03	99.87
169.0-170.0	3.2	0.1	276.9	0.02	99.89
170.0-171.0	3.2	0.1	276.9	0.02	99.91
171.0-172.0	3.2	0.1	277.0	0.02	99.93
172.0-173.0	3.2	0.0	277.0	0.02	99.95
173.0-174.0	3.2	0.0	277.1	0.01	99.96
174.0-175.0	3.2	0.0	277.1	0.01	99.97
175.0-176.0	3.2	0.0	277.1	0.01	99.98
176.0-177.0	3.3	0.0	277.2	0.01	99.99
177.0-178.0	3.3	0.0	277.2	0.01	100.00
178.0-179.0	3.2	0.0	277.2	0.00	100.00
179.0-180.0	3.3	0.0	277.2	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: