

Report No.: 20230921

Test Time: 2023/9/25 17:48

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot rgbw4000k 9.75 - White only

Lamp Catalog: Optic BA 45 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 9.02 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 0.376 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 385.5 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H86.1,H51.7

Vertical Diffuse Angle(10%,50%): V84.7,V48.3

Luminaire Efficacy Rating (LER): 43

Max. Intensity: 605.11 cd

Total Rated Lamp Lumens: 385.5 lm

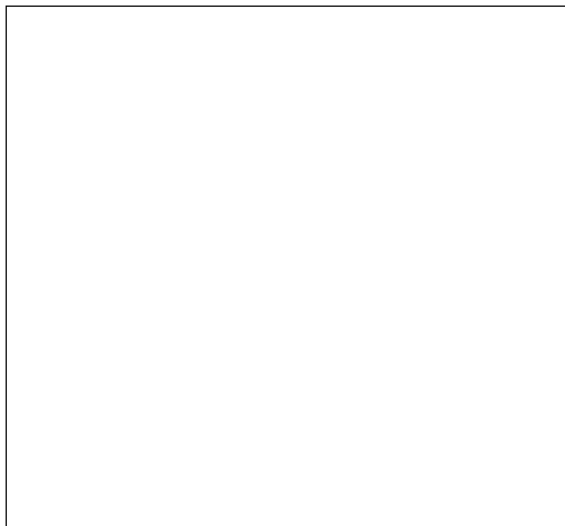
Efficiency: 100%

Upward Ratio: 2%

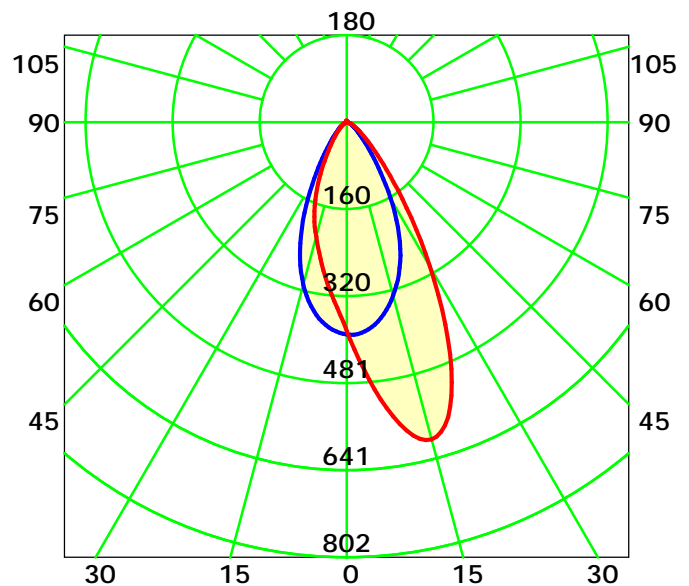
Central Intensity: 391.42 cd

Pos of Max. Intensity: H90 V15

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

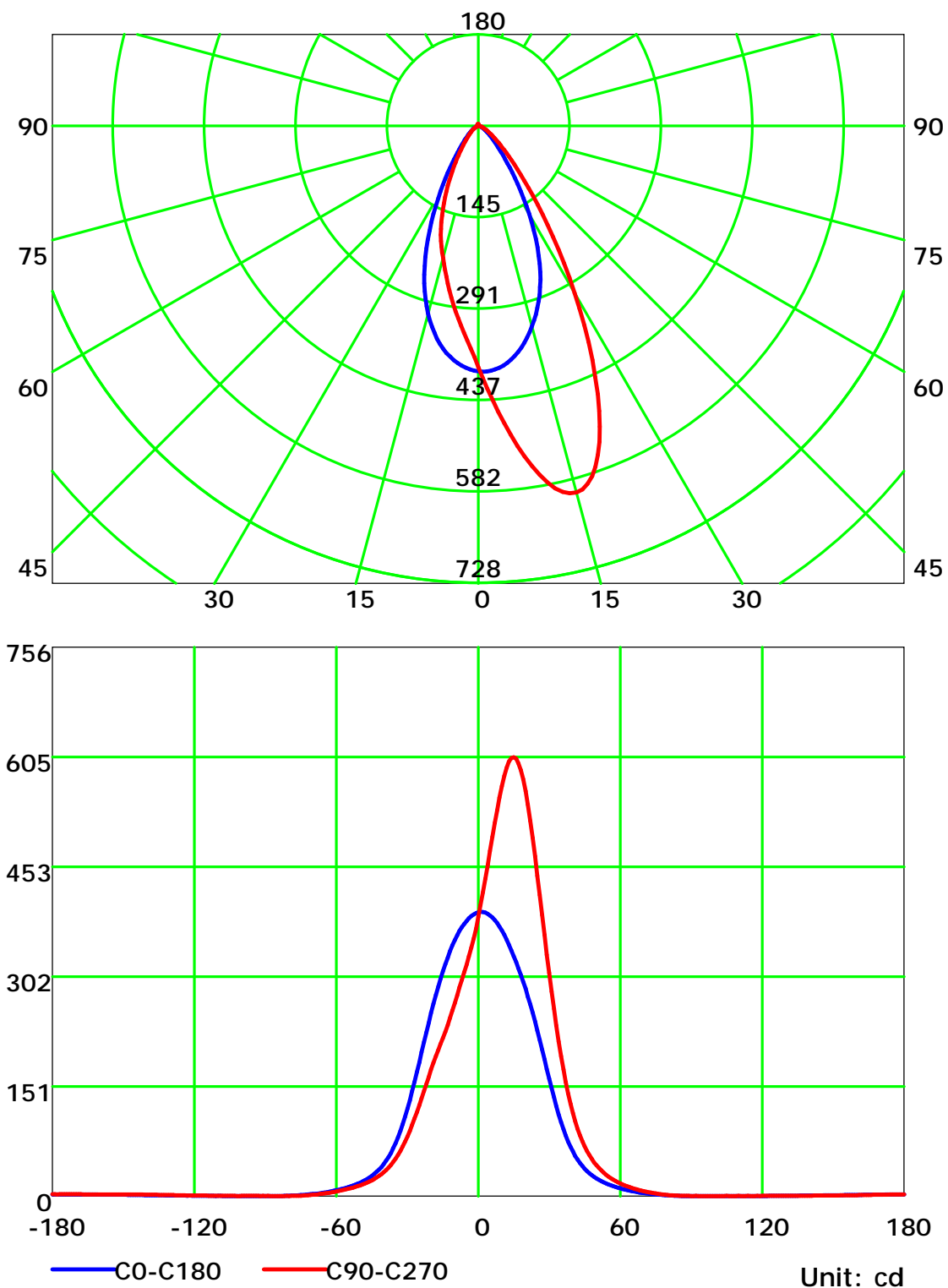
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

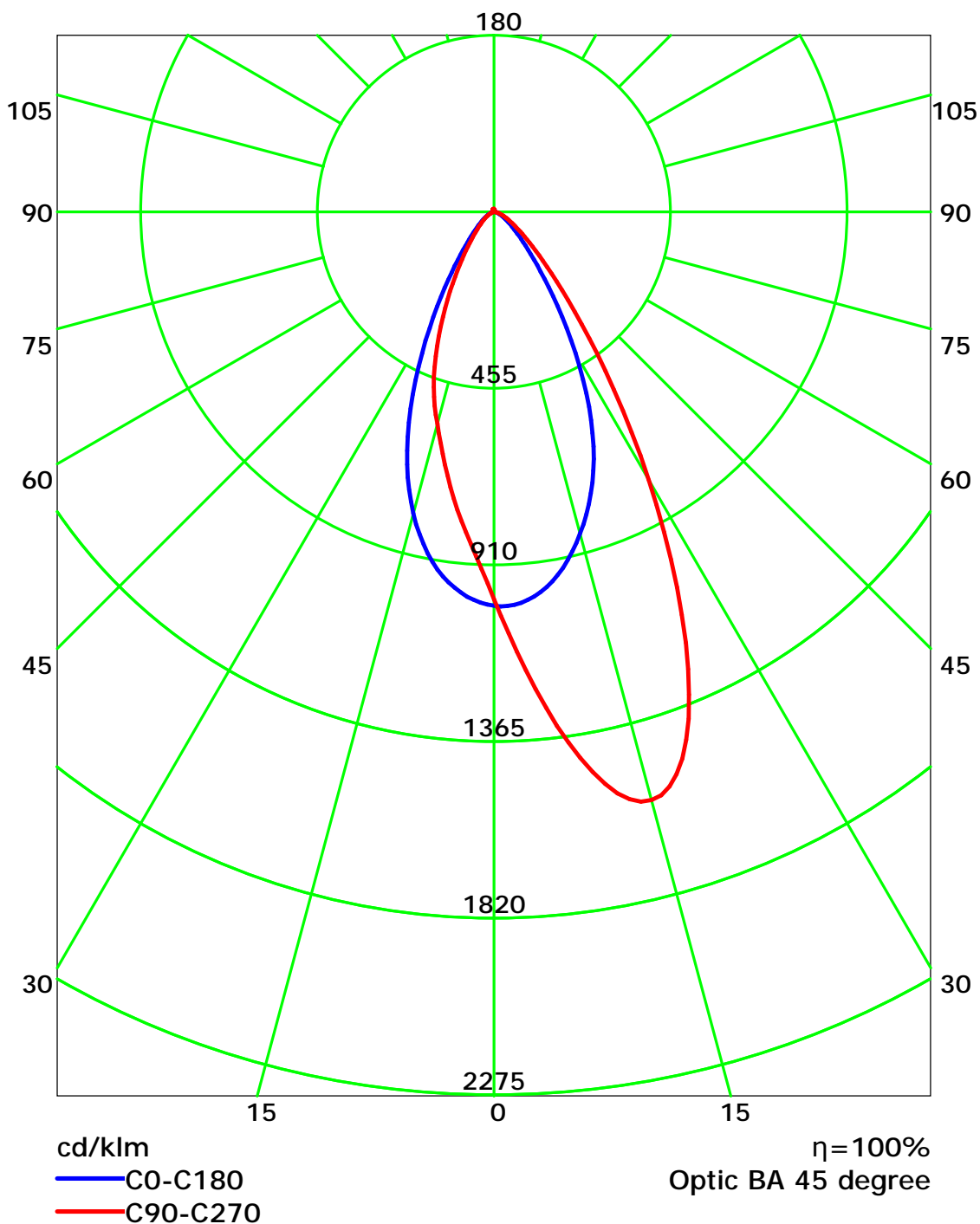
Luminous Intensity Distribution Curve



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:

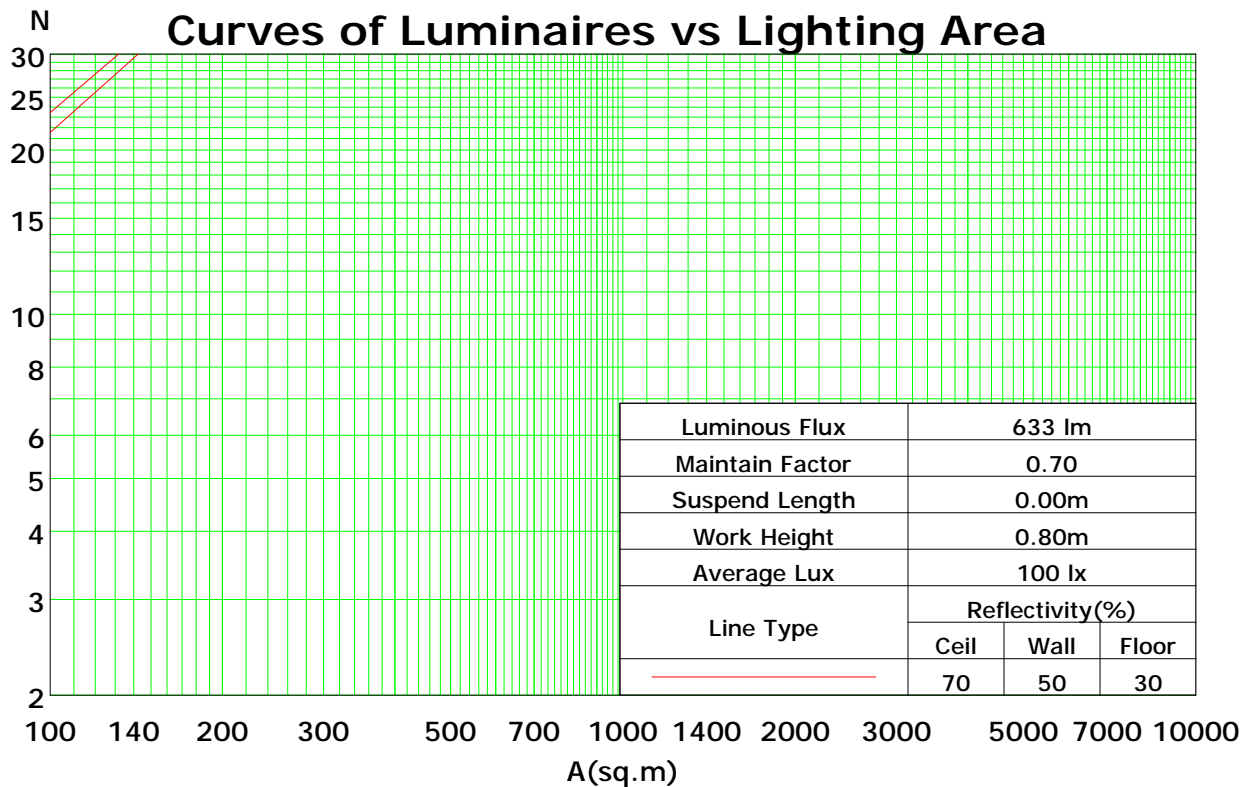
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	112	109	107	104	110	107	105	102	103	101	99	99	97	96	95	94	92	91
2	106	101	97	93	104	99	95	92	95	92	89	92	89	87	89	87	85	83
3	100	93	88	84	98	92	87	83	89	85	81	86	83	80	84	81	78	77
4	95	87	81	76	93	85	80	76	83	78	75	81	77	73	79	75	72	71
5	90	81	75	70	88	80	74	70	78	73	69	76	71	68	74	70	67	66
6	85	76	69	65	83	75	69	64	73	68	64	71	67	63	70	66	63	61
7	81	71	64	60	79	70	64	60	69	63	59	67	62	59	66	62	58	57
8	77	67	60	56	75	66	60	56	65	59	55	63	59	55	62	58	55	53
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	51	50
10	69	59	53	49	68	59	53	49	58	52	49	57	52	49	56	52	48	47

Spacing Criteria (0-180): 0.81

Spacing Criteria (90-270): 0.98

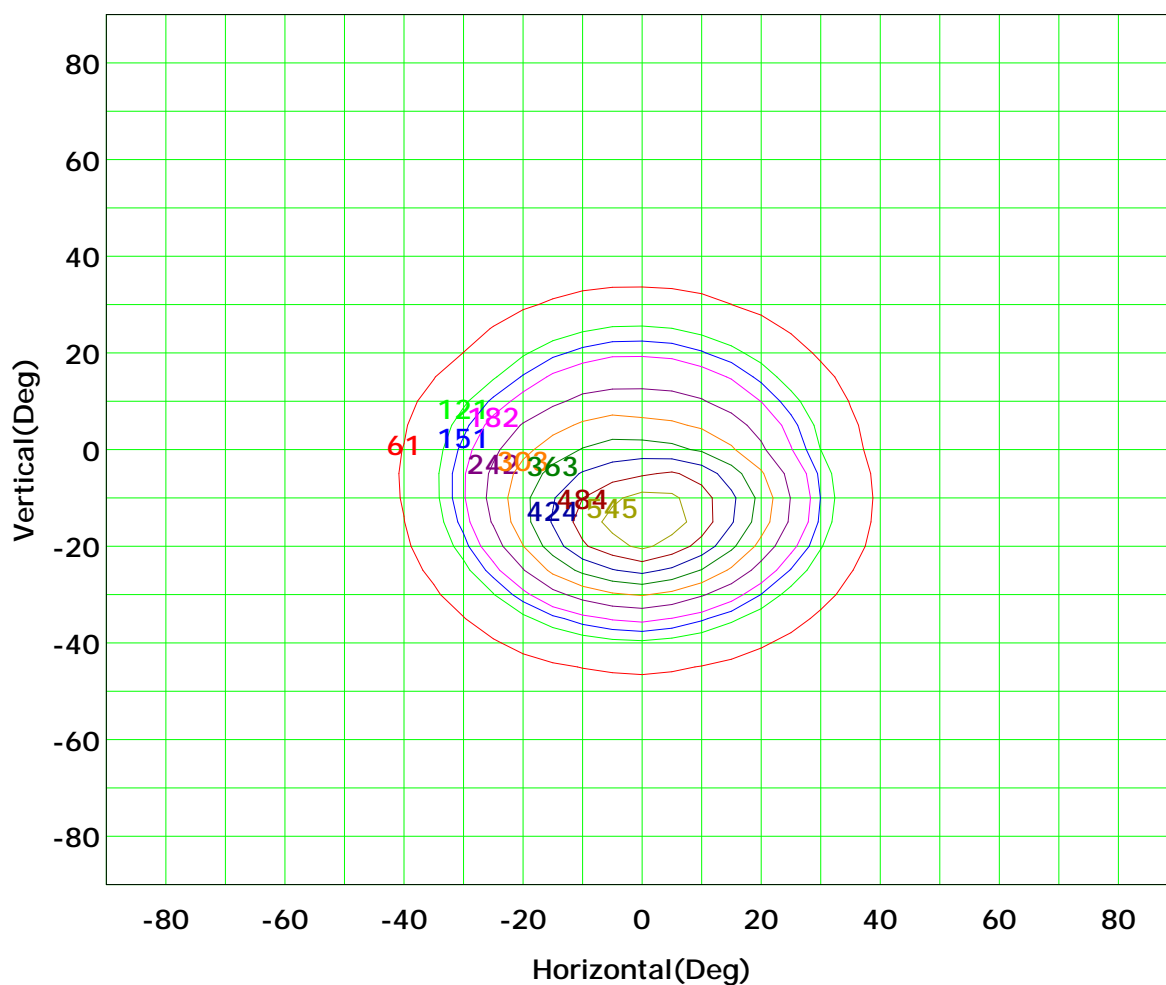
Spacing Criteria (Diagonal): 0.85



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)



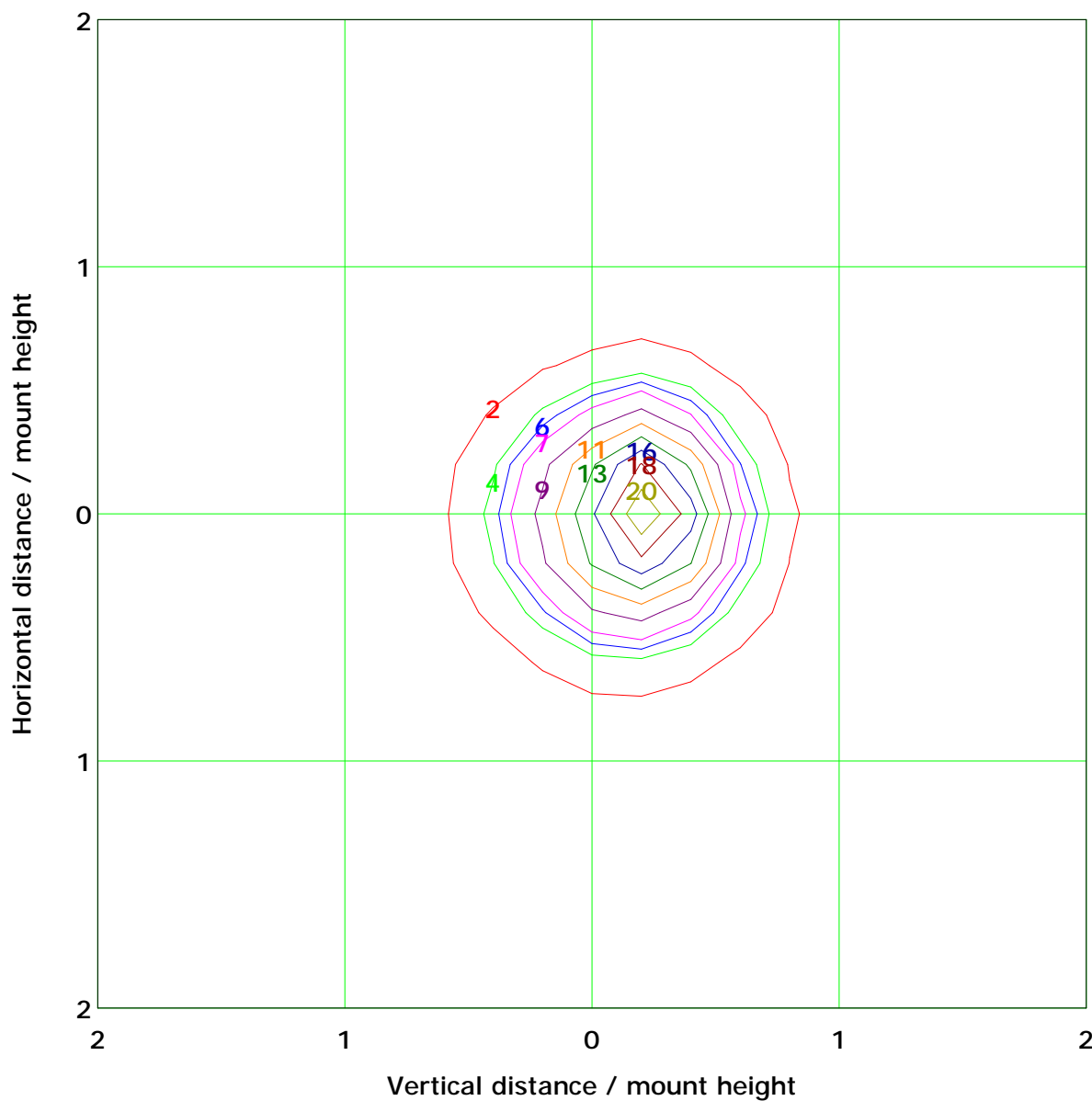
I_{max} (100%): 605 cd

(10%): 61 cd	(20%): 121 cd
(25%): 151 cd	(30%): 182 cd
(40%): 242 cd	(50%): 303 cd
(60%): 363 cd	(70%): 424 cd
(80%): 484 cd	(90%): 545 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%): 22.2 lx	
(10%): 2.2 lx	(20%): 4.4 lx
(25%): 5.5 lx	(30%): 6.6 lx
(40%): 8.9 lx	(50%): 11.1 lx
(60%): 13.3 lx	(70%): 15.5 lx
(80%): 17.7 lx	(90%): 19.9 lx

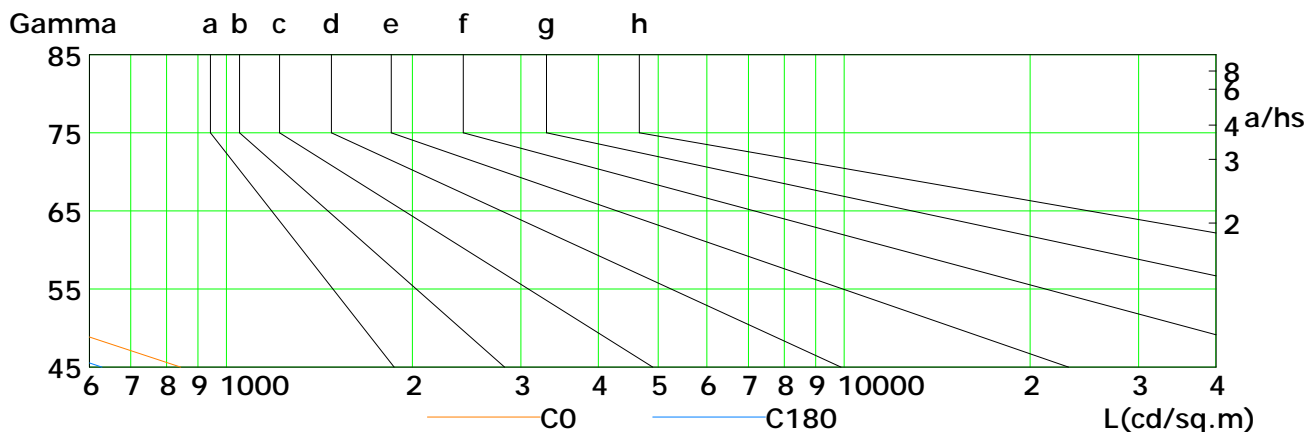
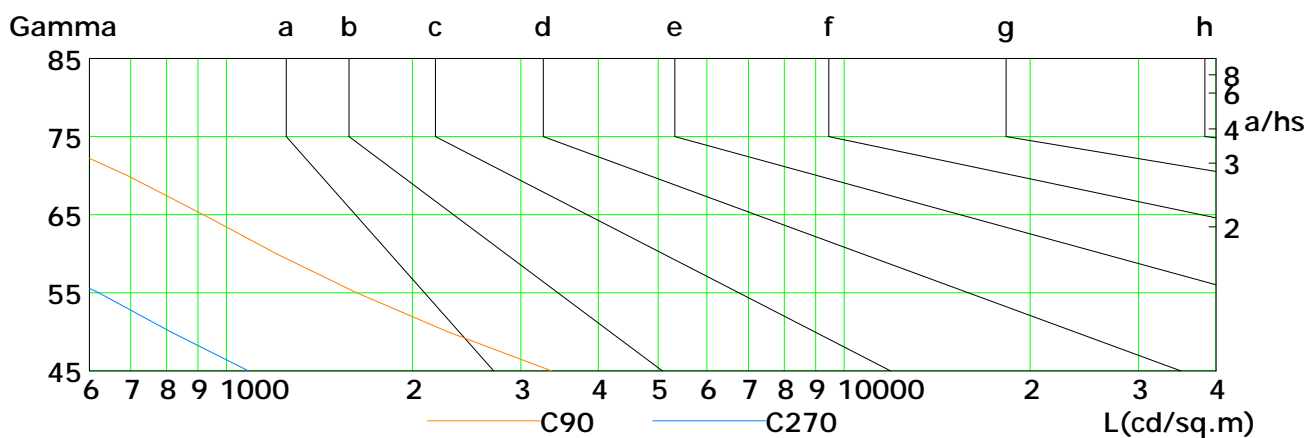
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

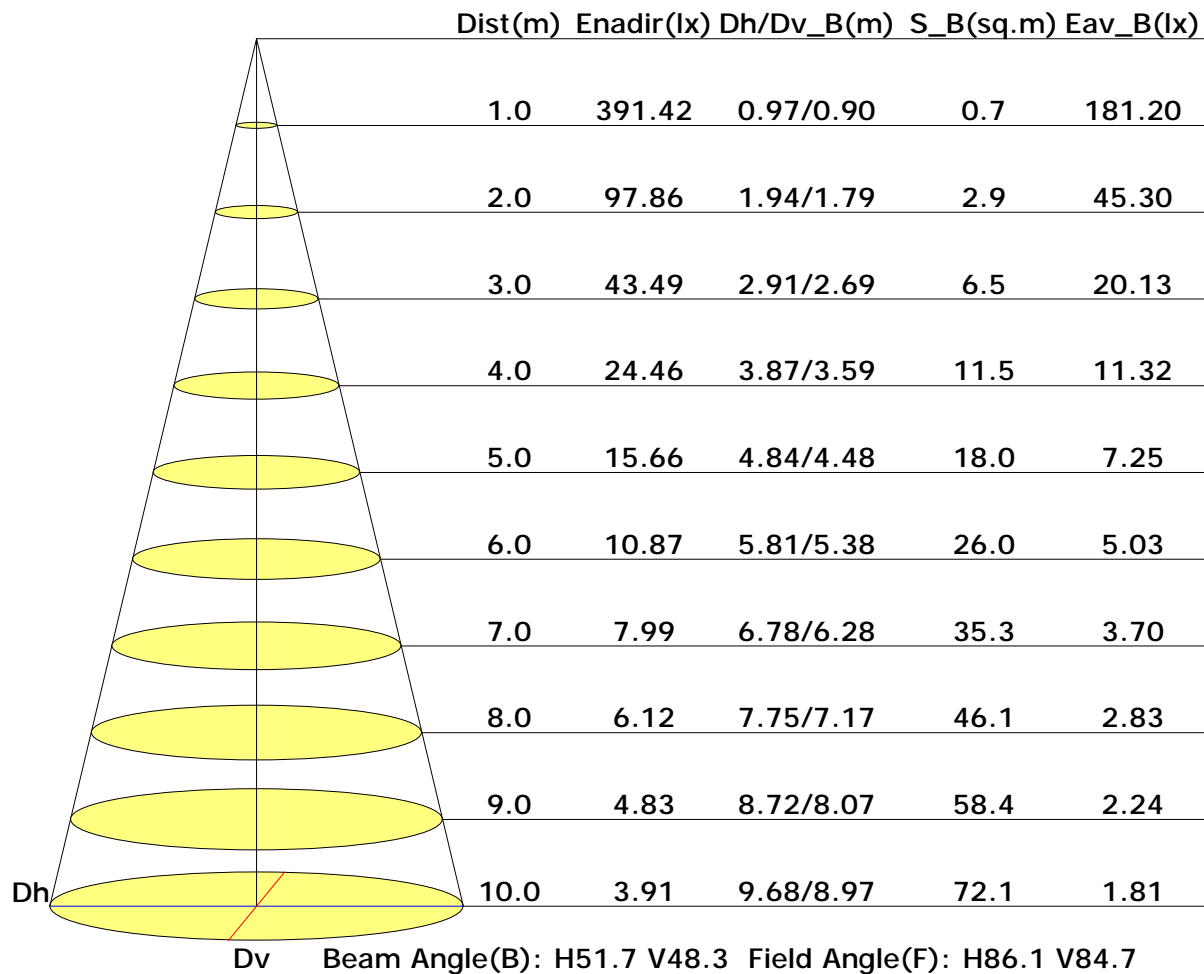


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	844	542	366	249	168	106	69	38	22
C90	3361	2283	1625	1205	918	692	504	367	314
C180	629	415	282	190	122	78	45	26	15
C270	1087	813	622	465	332	216	135	125	200

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:

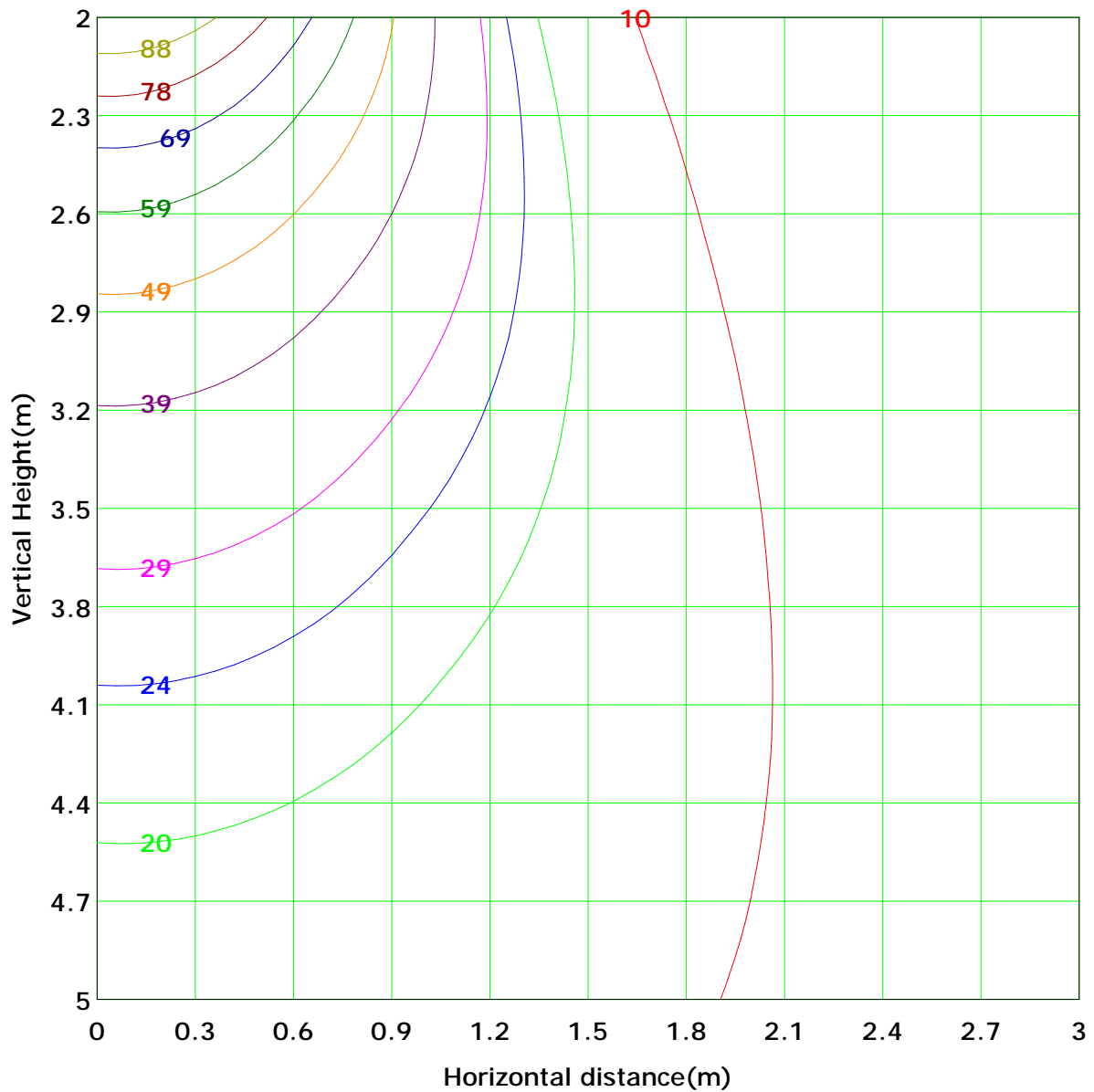
Illuminance at a Distance



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: 97.9 lx
(10%): 9.8 lx	(20%): 19.6 lx	
(25%): 24.5 lx	(30%): 29.4 lx	
(40%): 39.2 lx	(50%): 48.9 lx	
(60%): 58.7 lx	(70%): 68.5 lx	
(80%): 78.3 lx	(90%): 88.1 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:

Area Flux Table

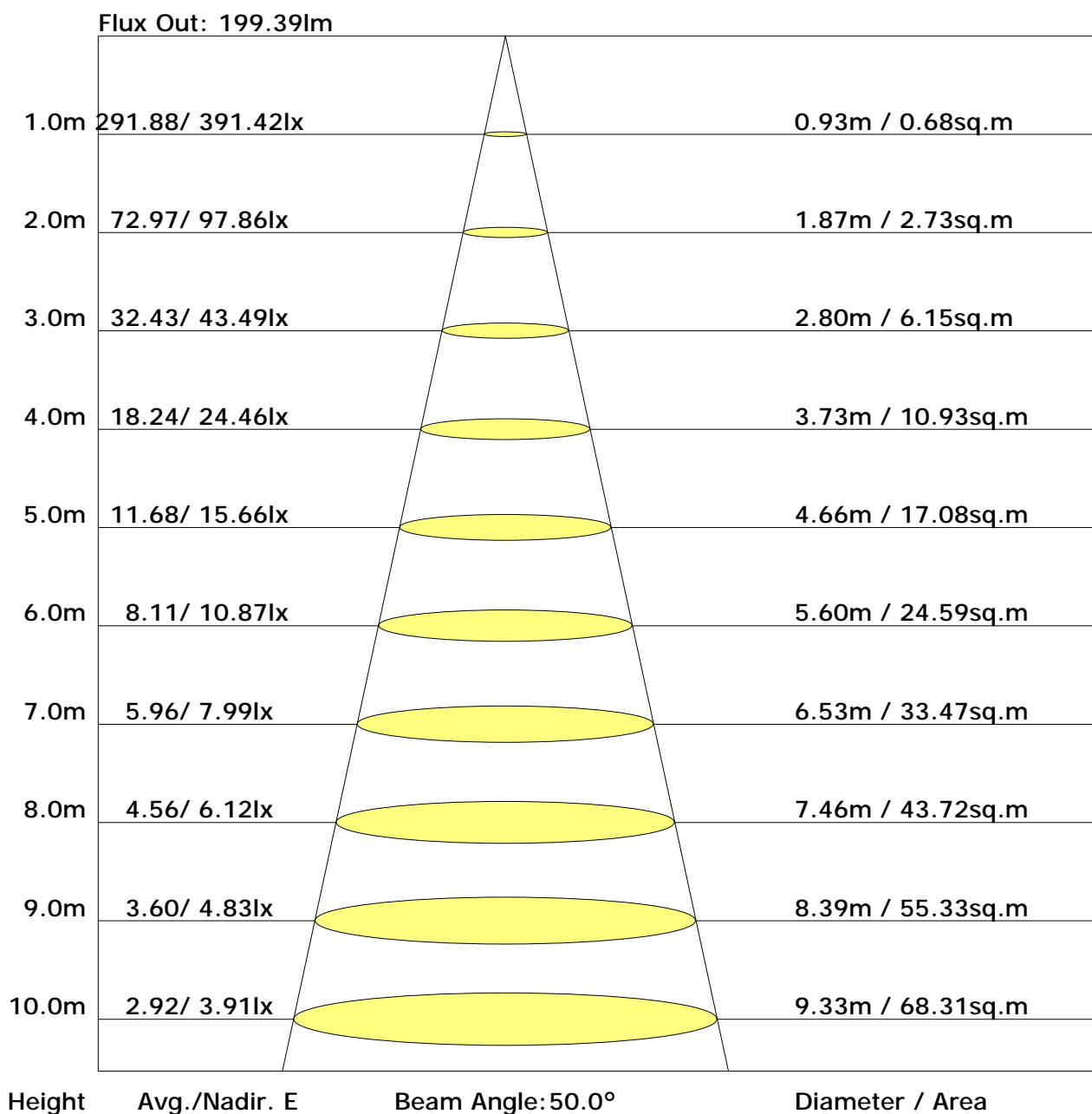
Unit: lm

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	0.0	0.0	0.0	0.0	0.0	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	0.2	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	0.7	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	2.0	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	5.1	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	12.9	6.6
	-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	31.3	26.6
	-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	56.7	52.4
	-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	75.0	70.8
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.2	71.0
	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	58.8	54.6
	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	34.9	30.3
	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	15.3	9.9
	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	6.0	0.1
	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	2.4	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	0.9	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	0.2	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	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	0.0
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378	
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		322

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	8.5	9.6	8.9	10.0	10.3	9.5	10.6	9.9	11.0	11.3
3H	9.2	10.1	9.6	10.5	10.9	10.0	10.9	10.4	11.3	11.7
4H	9.4	10.3	9.8	10.7	11.1	10.1	10.9	10.5	11.3	11.8
6H	9.5	10.3	9.9	10.7	11.1	10.0	10.8	10.5	11.3	11.7
8H	9.5	10.2	10.0	10.7	11.1	10.0	10.8	10.5	11.2	11.7
12H	9.5	10.2	10.0	10.6	11.1	10.0	10.7	10.4	11.1	11.6
X=4H Y=2H	8.6	9.4	9.0	9.8	10.3	9.6	10.5	10.1	10.9	11.3
3H	9.3	10.0	9.8	10.5	10.9	10.2	10.9	10.6	11.3	11.8
4H	9.5	10.2	10.0	10.6	11.1	10.3	10.9	10.7	11.4	11.9
6H	9.7	10.2	10.2	10.7	11.2	10.3	10.8	10.8	11.3	11.8
8H	9.7	10.2	10.2	10.7	11.2	10.3	10.8	10.8	11.2	11.8
12H	9.7	10.1	10.2	10.7	11.2	10.2	10.7	10.7	11.2	11.7
X=8H Y=4H	9.4	9.9	9.9	10.4	10.9	10.2	10.7	10.7	11.2	11.7
6H	9.6	10.0	10.1	10.5	11.0	10.2	10.6	10.8	11.2	11.7
8H	9.6	10.0	10.2	10.5	11.1	10.2	10.6	10.8	11.1	11.7
12H	9.7	10.0	10.2	10.5	11.1	10.2	10.5	10.8	11.0	11.7
X=12H Y=4H	9.4	9.8	9.9	10.3	10.9	10.2	10.6	10.7	11.1	11.6
6H	9.5	9.9	10.1	10.4	11.0	10.2	10.5	10.8	11.1	11.6
8H	9.6	9.9	10.1	10.4	11.0	10.2	10.5	10.7	11.0	11.7

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	0.78	0.85	0.91	0.94	0.99	1.02	1.04	1.07	1.09
	0.30		0.72	0.80	0.86	0.90	0.95	0.99	1.01	1.04	1.07
	0.20		0.69	0.77	0.82	0.86	0.92	0.96	0.98	1.02	1.05
0.50	0.50	0.20	0.76	0.83	0.88	0.91	0.96	0.99	1.00	1.03	1.04
	0.30		0.72	0.79	0.84	0.88	0.93	0.96	0.98	1.01	1.02
	0.20		0.68	0.76	0.81	0.85	0.90	0.93	0.96	0.99	1.01
0.30	0.50	0.20	0.75	0.82	0.86	0.89	0.93	0.95	0.97	0.99	1.00
	0.30		0.71	0.78	0.83	0.86	0.90	0.93	0.95	0.97	0.99
	0.20		0.68	0.75	0.80	0.83	0.88	0.91	0.93	0.96	0.98
0.00	0.00	0.00	0.66	0.73	0.77	0.80	0.84	0.87	0.89	0.91	0.93
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	0.67	0.54	0.45	0.39	0.30	0.25	0.21	0.16	0.13
	0.30		0.56	0.46	0.39	0.34	0.28	0.23	0.20	0.15	0.13
	0.20		0.48	0.40	0.35	0.31	0.25	0.21	0.18	0.15	0.12
0.50	0.50	0.20	0.64	0.51	0.42	0.36	0.28	0.27	0.20	0.15	0.12
	0.30		0.54	0.44	0.38	0.33	0.26	0.21	0.18	0.14	0.12
	0.20		0.47	0.39	0.34	0.29	0.24	0.20	0.17	0.14	0.11
0.30	0.50	0.20	0.61	0.48	0.40	0.34	0.26	0.21	0.18	0.14	0.11
	0.30		0.52	0.42	0.36	0.31	0.24	0.20	0.17	0.13	0.11
	0.20		0.46	0.38	0.32	0.28	0.23	0.19	0.16	0.13	0.10
0.00	0.00	0.00	0.33	0.26	0.21	0.18	0.14	0.11	0.10	0.07	0.06
<p>Rating:9W 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	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.11	0.12	0.15	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22
	0.30		0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.19	0.19	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.16	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	392.1	0.4	0.4	0.10	0.10
1.0-2.0	392.5	1.1	1.5	0.29	0.39
2.0-3.0	393.1	1.9	3.4	0.49	0.88
3.0-4.0	393.8	2.6	6.0	0.68	1.56
4.0-5.0	394.5	3.4	9.4	0.88	2.44
5.0-6.0	395.2	4.2	13.6	1.08	3.52
6.0-7.0	395.5	4.9	18.5	1.27	4.79
7.0-8.0	395.3	5.7	24.1	1.47	6.26
8.0-9.0	394.3	6.4	30.5	1.66	7.92
9.0-10.0	392.5	7.1	37.6	1.84	9.76
10.0-11.0	390.0	7.8	45.4	2.02	11.78
11.0-12.0	386.6	8.5	53.9	2.19	13.98
12.0-13.0	382.2	9.1	62.9	2.35	16.33
13.0-14.0	377.1	9.7	72.6	2.50	18.83
14.0-15.0	371.0	10.2	82.8	2.64	21.48
15.0-16.0	364.0	10.7	93.5	2.77	24.24
16.0-17.0	356.1	11.1	104.5	2.88	27.12
17.0-18.0	347.2	11.5	116.0	2.97	30.09
18.0-19.0	337.2	11.7	127.7	3.04	33.13
19.0-20.0	326.1	11.9	139.7	3.10	36.23
20.0-21.0	313.9	12.1	151.7	3.13	39.36
21.0-22.0	300.7	12.1	163.8	3.13	42.49
22.0-23.0	286.7	12.0	175.8	3.12	45.61
23.0-24.0	271.9	11.9	187.7	3.08	48.70
24.0-25.0	256.4	11.7	199.4	3.03	51.72
25.0-26.0	240.9	11.4	210.8	2.95	54.67
26.0-27.0	225.1	11.0	221.8	2.86	57.53
27.0-28.0	209.2	10.6	232.4	2.75	60.28
28.0-29.0	193.6	10.1	242.5	2.63	62.91
29.0-30.0	178.5	9.6	252.1	2.50	65.41
30.0-31.0	163.8	9.1	261.3	2.36	67.77
31.0-32.0	149.7	8.6	269.8	2.23	70.00
32.0-33.0	136.4	8.0	277.9	2.09	72.08
33.0-34.0	123.8	7.5	285.4	1.94	74.03
34.0-35.0	112.1	7.0	292.3	1.81	75.83
35.0-36.0	101.4	6.5	298.8	1.67	77.51

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	91.6	6.0	304.8	1.55	79.06
37.0-38.0	82.6	5.5	310.3	1.43	80.49
38.0-39.0	74.6	5.1	315.4	1.32	81.81
39.0-40.0	67.4	4.7	320.1	1.22	83.03
40.0-41.0	60.9	4.3	324.4	1.12	84.15
41.0-42.0	55.1	4.0	328.4	1.04	85.19
42.0-43.0	50.0	3.7	332.1	0.96	86.15
43.0-44.0	45.4	3.4	335.5	0.89	87.04
44.0-45.0	41.3	3.2	338.7	0.82	87.87
45.0-46.0	37.7	3.0	341.7	0.77	88.63
46.0-47.0	34.5	2.7	344.4	0.71	89.34
47.0-48.0	31.5	2.5	347.0	0.66	90.01
48.0-49.0	28.9	2.4	349.3	0.62	90.62
49.0-50.0	26.5	2.2	351.5	0.57	91.19
50.0-51.0	24.4	2.1	353.6	0.54	91.73
51.0-52.0	22.4	1.9	355.5	0.50	92.23
52.0-53.0	20.6	1.8	357.3	0.47	92.70
53.0-54.0	19.0	1.7	359.0	0.43	93.13
54.0-55.0	17.5	1.6	360.6	0.41	93.54
55.0-56.0	16.1	1.5	362.0	0.38	93.91
56.0-57.0	14.9	1.4	363.4	0.35	94.27
57.0-58.0	13.7	1.3	364.6	0.33	94.59
58.0-59.0	12.6	1.2	365.8	0.31	94.90
59.0-60.0	11.6	1.1	366.9	0.28	95.18
60.0-61.0	10.7	1.0	367.9	0.26	95.45
61.0-62.0	9.8	0.9	368.9	0.24	95.69
62.0-63.0	9.0	0.9	369.8	0.23	95.92
63.0-64.0	8.2	0.8	370.6	0.21	96.13
64.0-65.0	7.5	0.7	371.3	0.19	96.32
65.0-66.0	6.8	0.7	372.0	0.18	96.50
66.0-67.0	6.2	0.6	372.6	0.16	96.66
67.0-68.0	5.6	0.6	373.2	0.15	96.80
68.0-69.0	5.0	0.5	373.7	0.13	96.94
69.0-70.0	4.5	0.5	374.1	0.12	97.06
70.0-71.0	4.1	0.4	374.6	0.11	97.17
71.0-72.0	3.6	0.4	374.9	0.10	97.26

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	3.2	0.3	375.3	0.09	97.35
73.0-74.0	2.9	0.3	375.6	0.08	97.43
74.0-75.0	2.6	0.3	375.9	0.07	97.50
75.0-76.0	2.3	0.2	376.1	0.06	97.56
76.0-77.0	2.0	0.2	376.3	0.05	97.62
77.0-78.0	1.8	0.2	376.5	0.05	97.67
78.0-79.0	1.6	0.2	376.7	0.04	97.71
79.0-80.0	1.4	0.1	376.8	0.04	97.75
80.0-81.0	1.2	0.1	376.9	0.03	97.78
81.0-82.0	1.1	0.1	377.1	0.03	97.82
82.0-83.0	1.0	0.1	377.2	0.03	97.84
83.0-84.0	0.9	0.1	377.3	0.03	97.87
84.0-85.0	0.8	0.1	377.4	0.02	97.89
85.0-86.0	0.8	0.1	377.4	0.02	97.91
86.0-87.0	0.7	0.1	377.5	0.02	97.93
87.0-88.0	0.7	0.1	377.6	0.02	97.95
88.0-89.0	0.7	0.1	377.7	0.02	97.97
89.0-90.0	0.6	0.1	377.7	0.02	97.99
90.0-91.0	0.6	0.1	377.8	0.02	98.01
91.0-92.0	0.7	0.1	377.9	0.02	98.03
92.0-93.0	0.7	0.1	378.0	0.02	98.05
93.0-94.0	0.6	0.1	378.0	0.02	98.07
94.0-95.0	0.6	0.1	378.1	0.02	98.08
95.0-96.0	0.6	0.1	378.2	0.02	98.10
96.0-97.0	0.6	0.1	378.2	0.02	98.12
97.0-98.0	0.6	0.1	378.3	0.02	98.14
98.0-99.0	0.7	0.1	378.4	0.02	98.16
99.0-100.0	0.7	0.1	378.5	0.02	98.18
100.0-101.0	0.7	0.1	378.5	0.02	98.20
101.0-102.0	0.7	0.1	378.6	0.02	98.21
102.0-103.0	0.7	0.1	378.7	0.02	98.23
103.0-104.0	0.7	0.1	378.8	0.02	98.25
104.0-105.0	0.7	0.1	378.8	0.02	98.27
105.0-106.0	0.7	0.1	378.9	0.02	98.29
106.0-107.0	0.7	0.1	379.0	0.02	98.31
107.0-108.0	0.7	0.1	379.1	0.02	98.33

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:

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	379.1	0.02	98.35
109.0-110.0	0.8	0.1	379.2	0.02	98.37
110.0-111.0	0.8	0.1	379.3	0.02	98.39
111.0-112.0	0.8	0.1	379.4	0.02	98.42
112.0-113.0	0.8	0.1	379.5	0.02	98.44
113.0-114.0	0.8	0.1	379.5	0.02	98.46
114.0-115.0	0.9	0.1	379.6	0.02	98.48
115.0-116.0	0.9	0.1	379.7	0.02	98.50
116.0-117.0	0.9	0.1	379.8	0.02	98.53
117.0-118.0	0.9	0.1	379.9	0.02	98.55
118.0-119.0	1.0	0.1	380.0	0.02	98.57
119.0-120.0	1.0	0.1	380.1	0.02	98.60
120.0-121.0	1.0	0.1	380.2	0.02	98.62
121.0-122.0	1.0	0.1	380.3	0.02	98.65
122.0-123.0	1.1	0.1	380.4	0.03	98.67
123.0-124.0	1.1	0.1	380.5	0.03	98.70
124.0-125.0	1.1	0.1	380.6	0.03	98.73
125.0-126.0	1.2	0.1	380.7	0.03	98.75
126.0-127.0	1.2	0.1	380.8	0.03	98.78
127.0-128.0	1.2	0.1	380.9	0.03	98.81
128.0-129.0	1.3	0.1	381.0	0.03	98.84
129.0-130.0	1.3	0.1	381.1	0.03	98.86
130.0-131.0	1.3	0.1	381.2	0.03	98.89
131.0-132.0	1.4	0.1	381.3	0.03	98.92
132.0-133.0	1.4	0.1	381.4	0.03	98.95
133.0-134.0	1.4	0.1	381.6	0.03	98.98
134.0-135.0	1.5	0.1	381.7	0.03	99.01
135.0-136.0	1.5	0.1	381.8	0.03	99.04
136.0-137.0	1.6	0.1	381.9	0.03	99.07
137.0-138.0	1.6	0.1	382.0	0.03	99.10
138.0-139.0	1.6	0.1	382.1	0.03	99.13
139.0-140.0	1.7	0.1	382.3	0.03	99.17
140.0-141.0	1.7	0.1	382.4	0.03	99.20
141.0-142.0	1.8	0.1	382.5	0.03	99.23
142.0-143.0	1.8	0.1	382.6	0.03	99.26
143.0-144.0	1.8	0.1	382.8	0.03	99.29

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	1.9	0.1	382.9	0.03	99.32
145.0-146.0	1.9	0.1	383.0	0.03	99.35
146.0-147.0	2.0	0.1	383.1	0.03	99.38
147.0-148.0	2.0	0.1	383.2	0.03	99.41
148.0-149.0	2.0	0.1	383.3	0.03	99.44
149.0-150.0	2.1	0.1	383.5	0.03	99.47
150.0-151.0	2.1	0.1	383.6	0.03	99.50
151.0-152.0	2.2	0.1	383.7	0.03	99.53
152.0-153.0	2.2	0.1	383.8	0.03	99.56
153.0-154.0	2.2	0.1	383.9	0.03	99.59
154.0-155.0	2.2	0.1	384.0	0.03	99.62
155.0-156.0	2.3	0.1	384.1	0.03	99.64
156.0-157.0	2.3	0.1	384.2	0.03	99.67
157.0-158.0	2.3	0.1	384.3	0.03	99.69
158.0-159.0	2.4	0.1	384.4	0.02	99.72
159.0-160.0	2.4	0.1	384.5	0.02	99.74
160.0-161.0	2.4	0.1	384.6	0.02	99.77
161.0-162.0	2.4	0.1	384.7	0.02	99.79
162.0-163.0	2.5	0.1	384.7	0.02	99.81
163.0-164.0	2.5	0.1	384.8	0.02	99.83
164.0-165.0	2.5	0.1	384.9	0.02	99.85
165.0-166.0	2.6	0.1	385.0	0.02	99.87
166.0-167.0	2.6	0.1	385.0	0.02	99.88
167.0-168.0	2.7	0.1	385.1	0.02	99.90
168.0-169.0	2.7	0.1	385.2	0.02	99.92
169.0-170.0	2.7	0.1	385.2	0.01	99.93
170.0-171.0	2.8	0.1	385.3	0.01	99.94
171.0-172.0	2.8	0.0	385.3	0.01	99.95
172.0-173.0	2.8	0.0	385.4	0.01	99.97
173.0-174.0	2.9	0.0	385.4	0.01	99.97
174.0-175.0	2.9	0.0	385.4	0.01	99.98
175.0-176.0	2.9	0.0	385.4	0.01	99.99
176.0-177.0	2.9	0.0	385.5	0.01	99.99
177.0-178.0	2.9	0.0	385.5	0.00	100.00
178.0-179.0	2.9	0.0	385.5	0.00	100.00
179.0-180.0	2.9	0.0	385.5	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: