

Report No.: 20231011

Test Time: 2023/10/13 15:01

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot RGBW 9.75 4000K - Blue only

Lamp Catalog: Optic BA 25 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 9.18 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 0.383 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 75.7 lm

Downward Ratio: 94%

Horizontal Diffuse Angle(10%,50%): H57.9,H25.6

Vertical Diffuse Angle(10%,50%): V54.8,V24.6

Luminaire Efficacy Rating (LER): 8

Max. Intensity: 217.42 cd

Total Rated Lamp Lumens: 75.7 lm

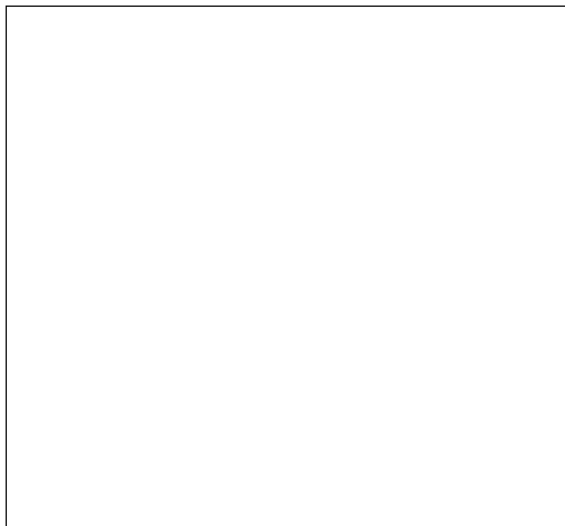
Efficiency: 100%

Upward Ratio: 6%

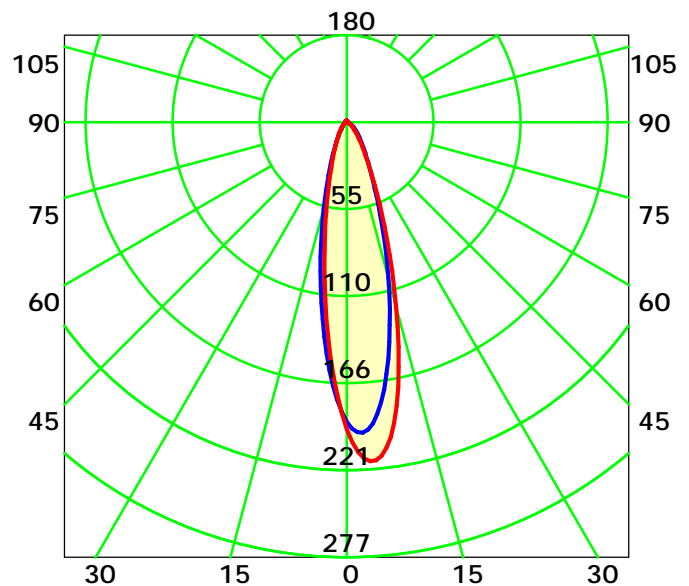
Central Intensity: 190.88 cd

Pos of Max. Intensity: H60 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 25.1° 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

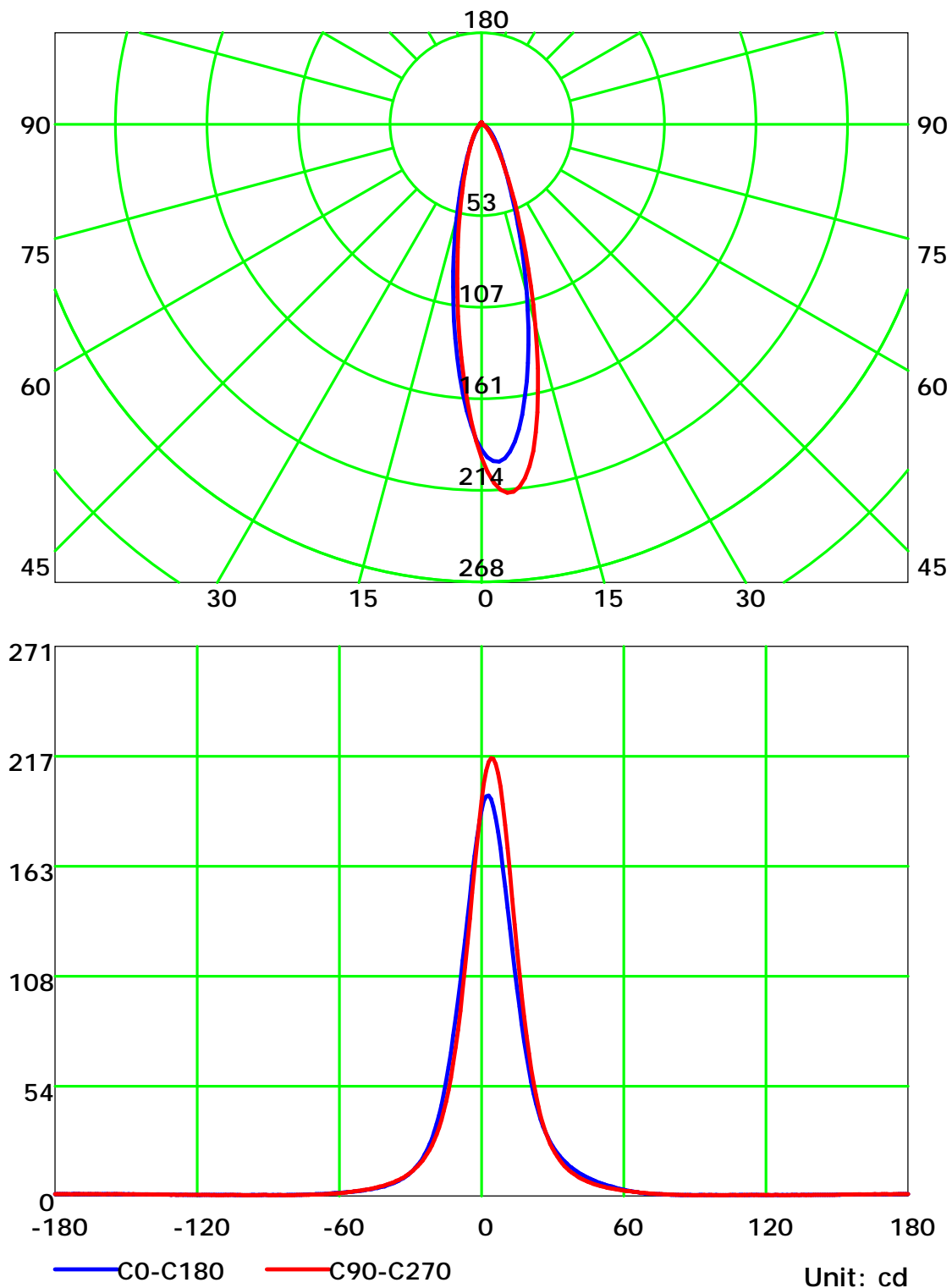
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

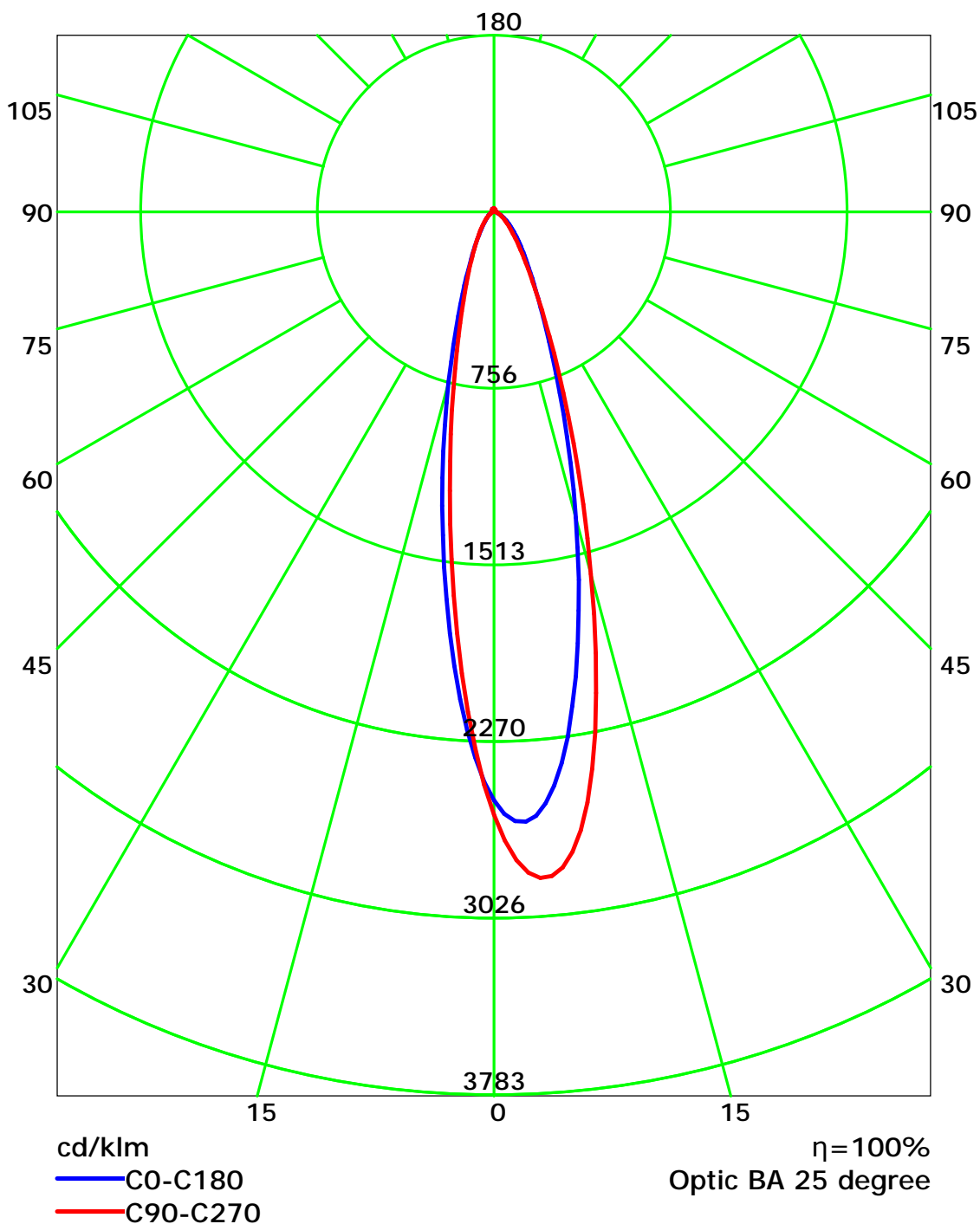
Luminous Intensity Distribution Curve



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:

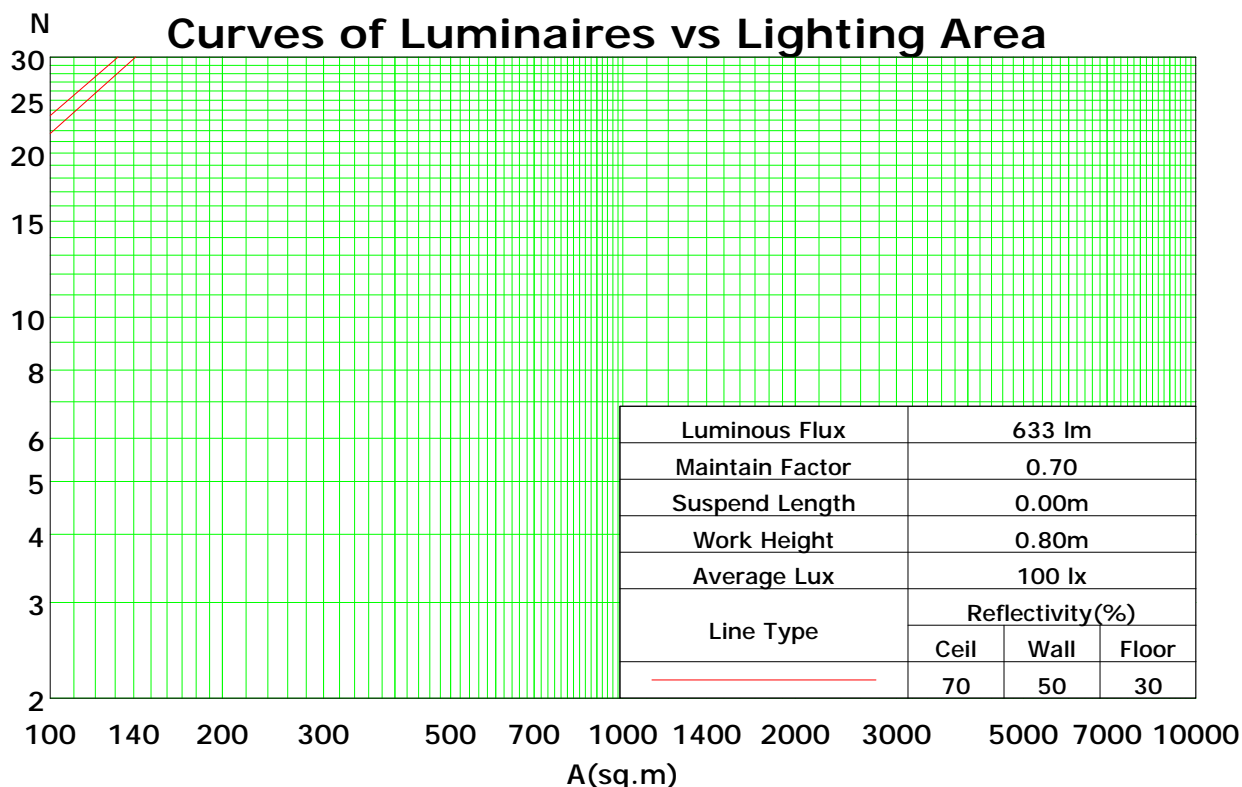
Coefficients Of Utilization - Zonal Cavity Method

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	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	111	108	106	103	108	106	103	101	100	99	97	96	94	93	91	90	89	87
2	106	101	96	93	103	98	94	91	94	91	88	90	88	85	86	85	83	81
3	100	94	89	85	98	92	87	84	88	85	81	85	82	79	82	80	77	76
4	96	88	82	78	93	86	81	77	83	79	76	81	77	74	78	75	73	71
5	91	83	77	73	89	82	76	72	79	74	71	77	73	70	75	71	69	67
6	87	78	72	68	85	77	72	68	75	70	67	73	69	66	71	68	65	64
7	83	74	69	64	82	73	68	64	72	67	63	70	66	63	68	65	62	60
8	80	71	65	61	78	70	65	61	68	64	60	67	63	60	66	62	59	58
9	77	68	62	58	75	67	62	58	65	61	57	64	60	57	63	59	56	55
10	74	65	59	56	73	64	59	55	63	58	55	62	58	55	61	57	54	53

Spacing Criteria (0-180): 0.44

Spacing Criteria (90-270): 0.45

Spacing Criteria (Diagonal): 0.48



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

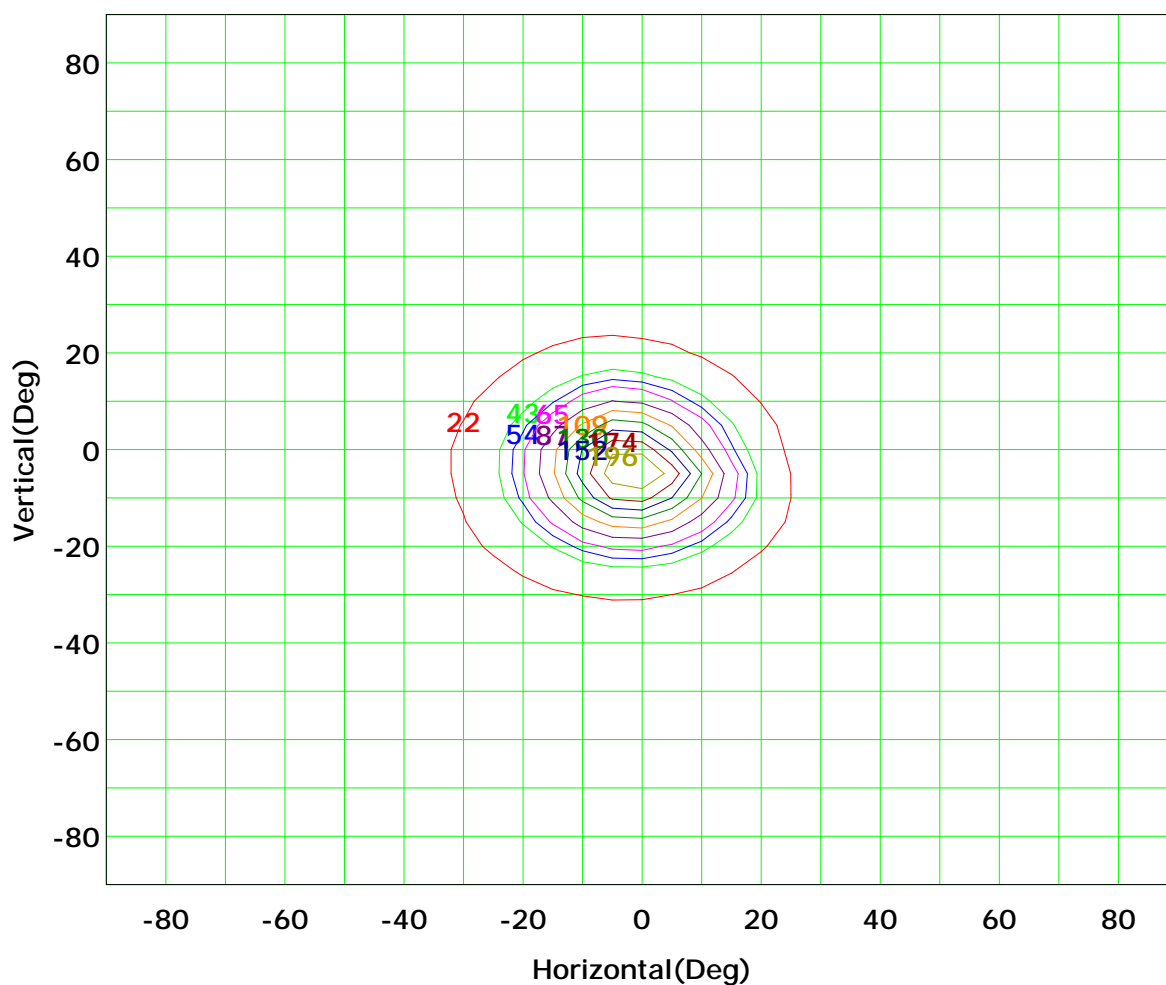
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



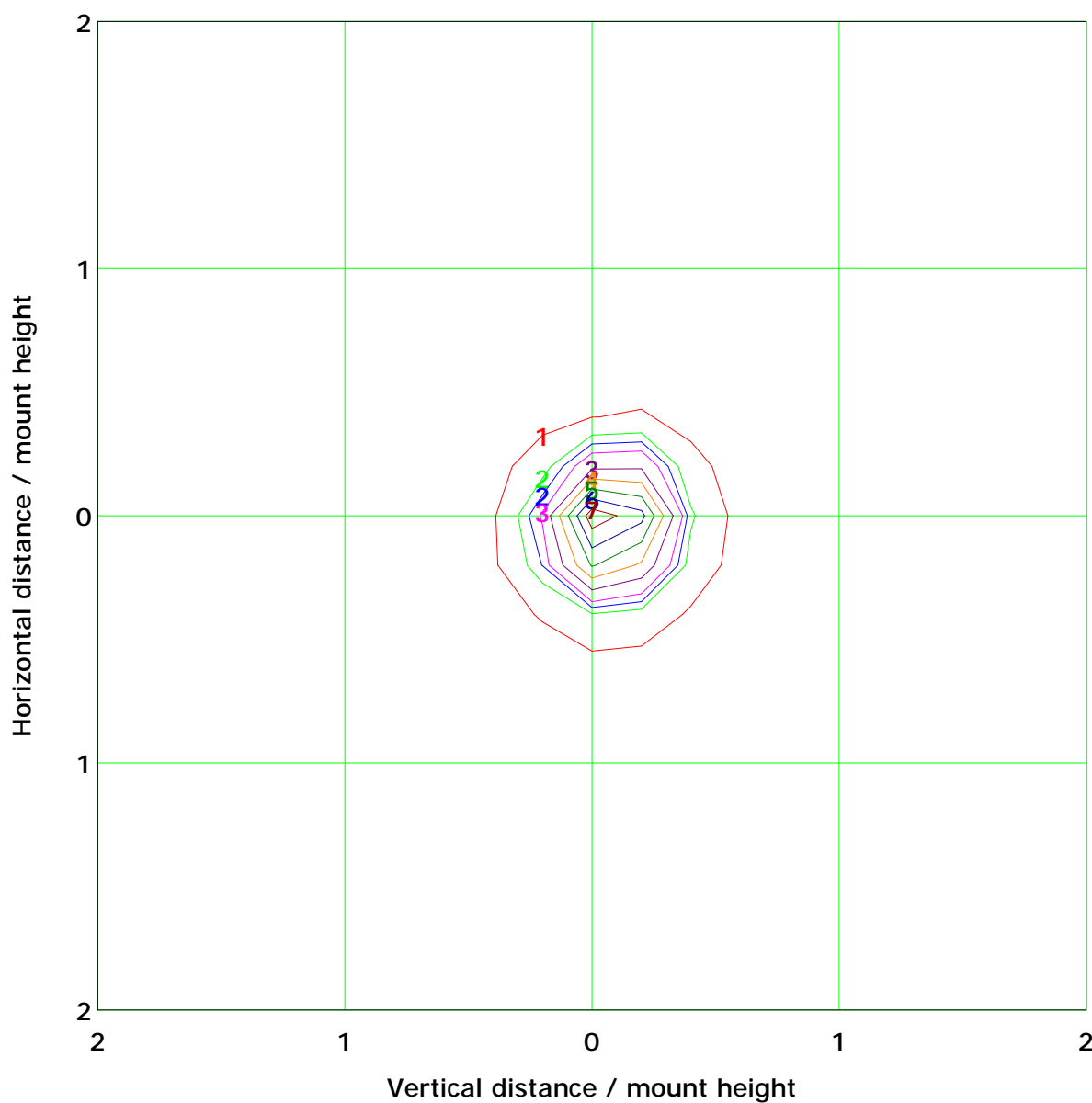
I_{max} (100%): 217 cd

(10%):	22 cd	(20%):	43 cd
(25%):	54 cd	(30%):	65 cd
(40%):	87 cd	(50%):	109 cd
(60%):	130 cd	(70%):	152 cd
(80%):	174 cd	(90%):	196 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%): 8.6 lx

(10%): 0.9 lx	(20%): 1.7 lx
(25%): 2.2 lx	(30%): 2.6 lx
(40%): 3.4 lx	(50%): 4.3 lx
(60%): 5.2 lx	(70%): 6.0 lx
(80%): 6.9 lx	(90%): 7.8 lx

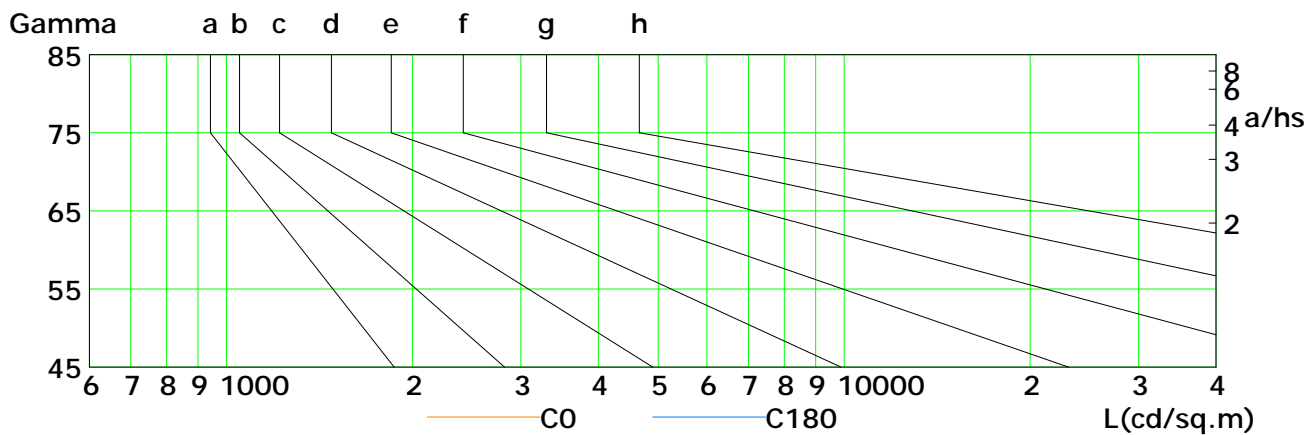
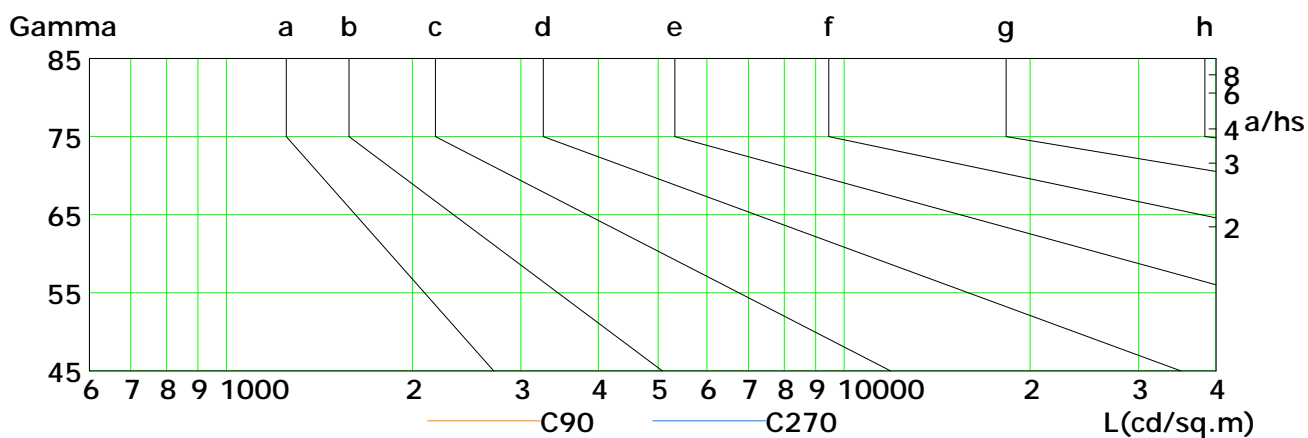
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

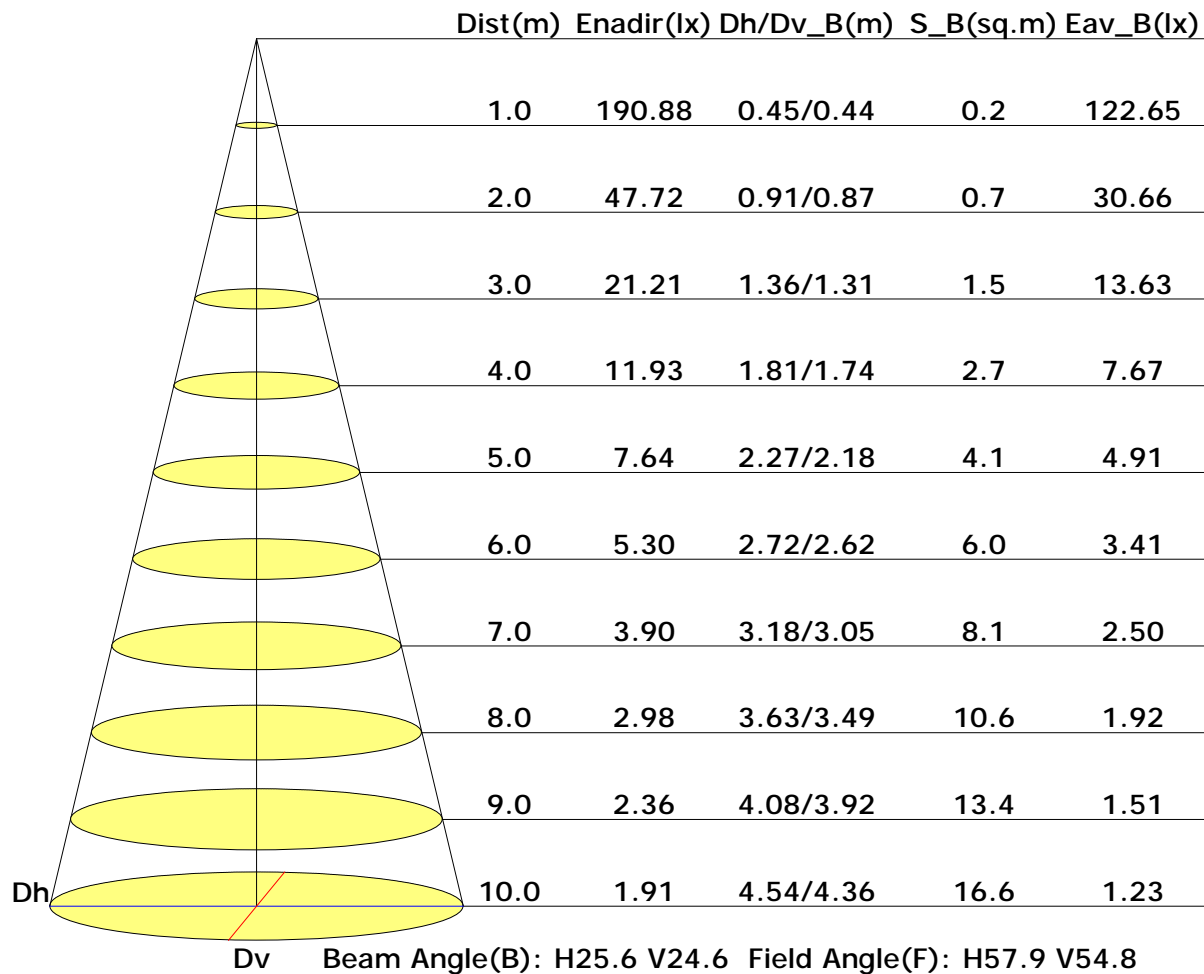


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	202	145	106	73	50	34	26	20	16
C90	350	273	229	196	169	146	133	147	206
C180	89	65	49	38	30	25	20	17	15
C270	205	166	131	107	87	87	88	113	215

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:

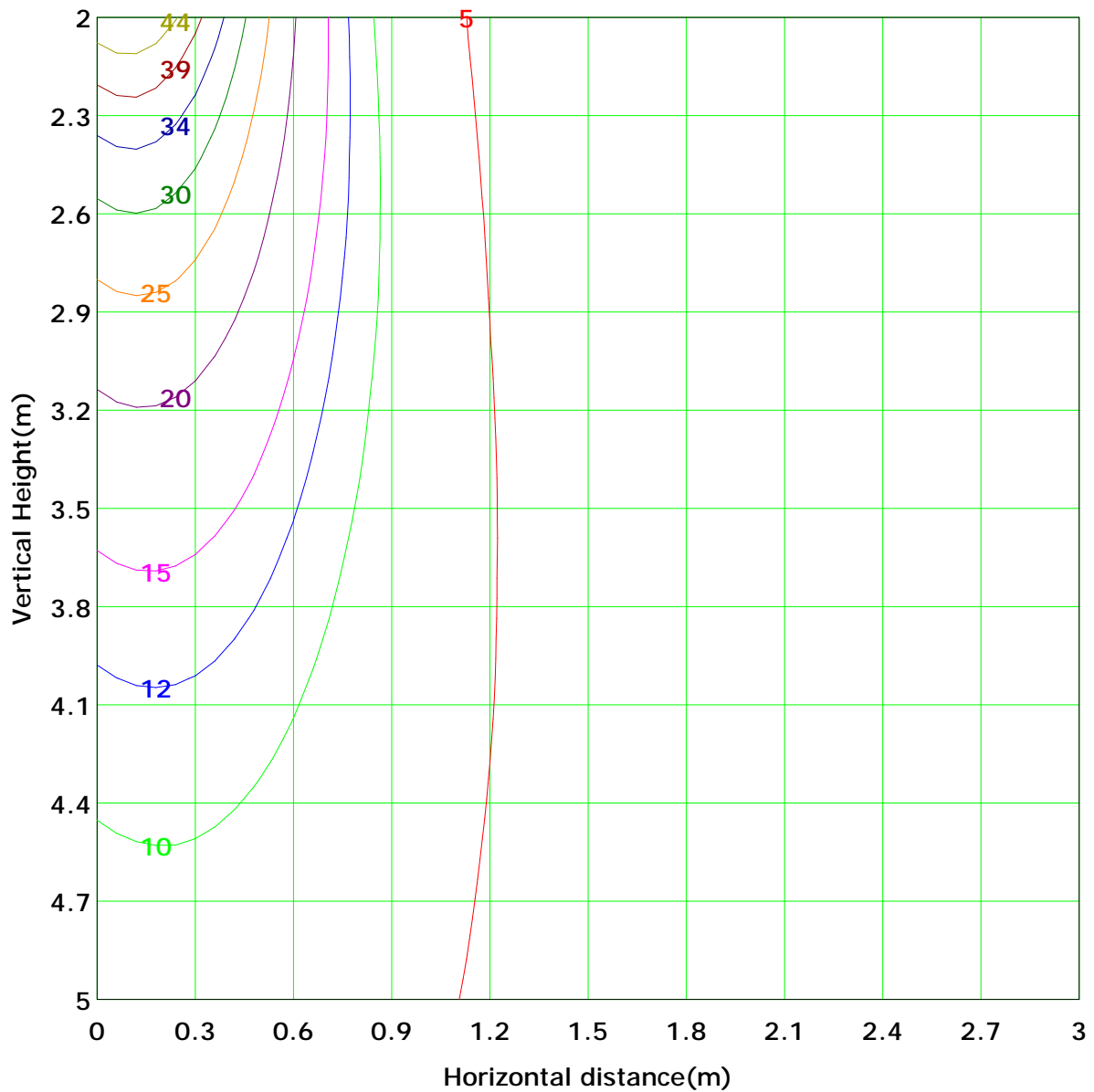
Illuminance at a Distance



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: 49.2 lx
(10%): 4.9 lx	(20%): 9.8 lx	
(25%): 12.3 lx	(30%): 14.8 lx	
(40%): 19.7 lx	(50%): 24.6 lx	
(60%): 29.5 lx	(70%): 34.4 lx	
(80%): 39.4 lx	(90%): 44.3 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

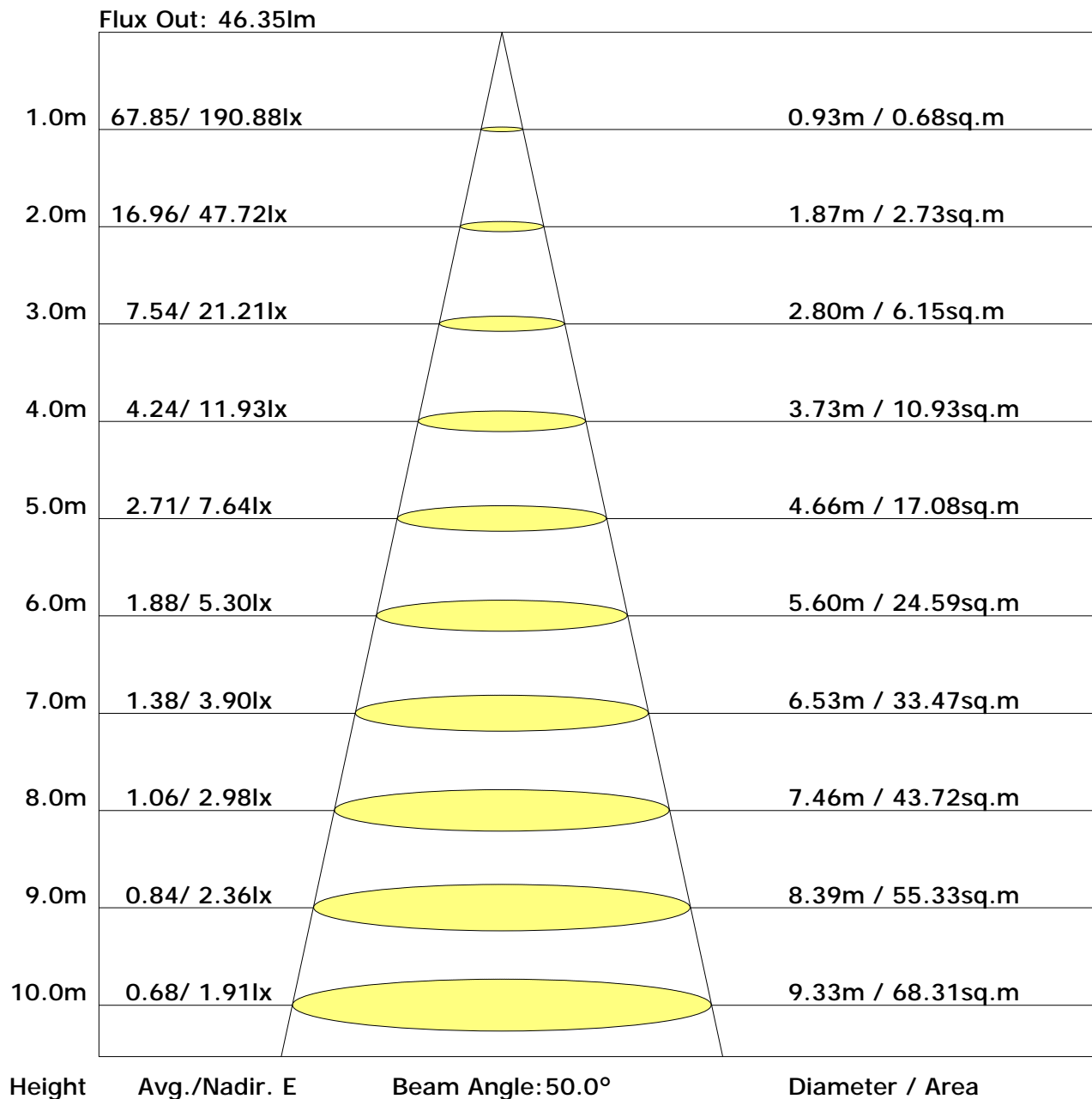
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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
	-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	0.4	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	0.8	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	1.6	0.0
	-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	3.3	0.0
	-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	5.9	0.0
	-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	14.1	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0
	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	9.4	0.0
	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	3.2	0.0
	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	0.2	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	1.5	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	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	0.3	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	0.1	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
																					71	50

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	10.5	11.5	11.0	12.0	12.5	8.0	9.0	8.4	9.4	9.9
3H	11.3	12.2	11.8	12.6	13.2	8.8	9.7	9.3	10.2	10.7
4H	11.6	12.5	12.2	13.0	13.5	9.1	9.9	9.6	10.4	10.9
6H	12.0	12.8	12.6	13.3	13.9	9.3	10.1	9.8	10.5	11.1
8H	12.3	13.0	12.8	13.5	14.1	9.4	10.1	9.9	10.6	11.2
12H	12.5	13.2	13.1	13.7	14.3	9.4	10.1	10.0	10.6	11.2
X=4H Y=2H	10.5	11.3	11.0	11.8	12.4	8.3	9.1	8.8	9.6	10.1
3H	11.4	12.1	11.9	12.6	13.1	9.3	10.0	9.8	10.5	11.1
4H	11.8	12.4	12.3	13.0	13.6	9.6	10.3	10.2	10.8	11.4
6H	12.3	12.9	12.9	13.4	14.0	9.9	10.5	10.5	11.0	11.7
8H	12.6	13.1	13.2	13.7	14.3	10.1	10.6	10.7	11.1	11.8
12H	13.0	13.4	13.5	14.0	14.6	10.2	10.6	10.8	11.2	11.9
X=8H Y=4H	11.8	12.3	12.3	12.8	13.4	9.7	10.2	10.3	10.8	11.4
6H	12.3	12.8	13.0	13.4	14.0	10.2	10.6	10.8	11.2	11.8
8H	12.7	13.1	13.3	13.7	14.3	10.4	10.7	11.0	11.4	12.0
12H	13.2	13.5	13.8	14.1	14.8	10.6	10.9	11.2	11.5	12.2
X=12H Y=4H	11.7	12.2	12.3	12.8	13.4	9.7	10.2	10.3	10.8	11.4
6H	12.3	12.7	13.0	13.3	14.0	10.2	10.6	10.8	11.2	11.8
8H	12.7	13.0	13.3	13.6	14.4	10.5	10.8	11.1	11.4	12.1

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	0.83	0.89	0.93	0.96	1.00	1.03	1.05	1.07	1.09
	0.30		0.78	0.84	0.88	0.92	0.96	0.99	1.02	1.05	1.07
	0.20		0.75	0.81	0.85	0.88	0.93	0.97	0.99	1.02	1.05
0.50	0.50	0.20	0.81	0.86	0.90	0.93	0.96	0.98	1.00	1.02	1.04
	0.30		0.77	0.82	0.86	0.89	0.93	0.96	0.98	1.00	1.02
	0.20		0.74	0.80	0.83	0.86	0.91	0.93	0.96	0.98	1.00
0.30	0.50	0.20	0.79	0.84	0.87	0.90	0.93	0.95	0.96	0.98	0.99
	0.30		0.76	0.81	0.84	0.87	0.90	0.92	0.94	0.96	0.97
	0.20		0.73	0.78	0.82	0.84	0.88	0.91	0.92	0.95	0.96
0.00	0.00	0.00	0.71	0.76	0.79	0.81	0.84	0.86	0.87	0.89	0.90
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	0.60	0.49	0.42	0.36	0.29	0.24	0.21	0.16	0.13
	0.30		0.50	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.13
	0.20		0.43	0.37	0.32	0.29	0.24	0.20	0.18	0.14	0.12
0.50	0.50	0.20	0.56	0.45	0.38	0.33	0.26	0.26	0.19	0.15	0.12
	0.30		0.47	0.39	0.34	0.30	0.24	0.20	0.18	0.14	0.11
	0.20		0.41	0.35	0.30	0.27	0.22	0.19	0.17	0.13	0.11
0.30	0.50	0.20	0.52	0.42	0.35	0.31	0.24	0.20	0.17	0.13	0.11
	0.30		0.44	0.37	0.32	0.28	0.22	0.19	0.16	0.13	0.10
	0.20		0.39	0.33	0.29	0.25	0.21	0.17	0.15	0.12	0.10
0.00	0.00	0.00	0.25	0.20	0.17	0.15	0.12	0.10	0.08	0.06	0.05
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(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	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.27
	0.30		0.15	0.17	0.18	0.20	0.21	0.23	0.23	0.25	0.26
	0.20		0.12	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24
0.50	0.50	0.20	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.25	0.26
	0.30		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25
	0.20		0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.23
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25
	0.30		0.14	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24
	0.20		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.23
0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
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	196.3	0.2	0.2	0.25	0.25
1.0-2.0	194.6	0.6	0.7	0.74	0.99
2.0-3.0	191.2	0.9	1.7	1.21	2.19
3.0-4.0	186.4	1.2	2.9	1.65	3.84
4.0-5.0	180.2	1.6	4.5	2.05	5.89
5.0-6.0	173.0	1.8	6.3	2.40	8.29
6.0-7.0	164.8	2.0	8.3	2.70	10.99
7.0-8.0	155.9	2.2	10.6	2.95	13.94
8.0-9.0	146.4	2.4	12.9	3.13	17.08
9.0-10.0	136.4	2.5	15.4	3.26	20.34
10.0-11.0	126.2	2.5	17.9	3.33	23.67
11.0-12.0	116.1	2.5	20.5	3.35	27.02
12.0-13.0	106.2	2.5	23.0	3.33	30.35
13.0-14.0	96.7	2.5	25.5	3.27	33.62
14.0-15.0	87.6	2.4	27.9	3.18	36.80
15.0-16.0	79.2	2.3	30.2	3.07	39.87
16.0-17.0	71.6	2.2	32.4	2.94	42.81
17.0-18.0	64.4	2.1	34.5	2.80	45.62
18.0-19.0	57.8	2.0	36.5	2.66	48.27
19.0-20.0	51.9	1.9	38.4	2.51	50.78
20.0-21.0	46.6	1.8	40.2	2.36	53.15
21.0-22.0	41.8	1.7	41.9	2.22	55.37
22.0-23.0	37.6	1.6	43.5	2.08	57.45
23.0-24.0	33.8	1.5	45.0	1.95	59.40
24.0-25.0	30.4	1.4	46.3	1.83	61.23
25.0-26.0	27.5	1.3	47.6	1.72	62.94
26.0-27.0	25.0	1.2	48.9	1.61	64.55
27.0-28.0	22.7	1.1	50.0	1.52	66.07
28.0-29.0	20.7	1.1	51.1	1.43	67.50
29.0-30.0	18.9	1.0	52.1	1.35	68.85
30.0-31.0	17.4	1.0	53.1	1.28	70.13
31.0-32.0	16.0	0.9	54.0	1.21	71.34
32.0-33.0	14.7	0.9	54.9	1.15	72.49
33.0-34.0	13.6	0.8	55.7	1.09	73.58
34.0-35.0	12.6	0.8	56.5	1.03	74.61
35.0-36.0	11.7	0.7	57.2	0.98	75.60

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	10.9	0.7	57.9	0.94	76.54
37.0-38.0	10.1	0.7	58.6	0.89	77.42
38.0-39.0	9.4	0.6	59.3	0.85	78.27
39.0-40.0	8.8	0.6	59.9	0.81	79.08
40.0-41.0	8.2	0.6	60.4	0.77	79.85
41.0-42.0	7.6	0.6	61.0	0.73	80.58
42.0-43.0	7.2	0.5	61.5	0.70	81.28
43.0-44.0	6.7	0.5	62.0	0.67	81.95
44.0-45.0	6.3	0.5	62.5	0.64	82.59
45.0-46.0	5.9	0.5	63.0	0.61	83.20
46.0-47.0	5.5	0.4	63.4	0.58	83.78
47.0-48.0	5.2	0.4	63.8	0.55	84.34
48.0-49.0	4.9	0.4	64.2	0.53	84.87
49.0-50.0	4.6	0.4	64.6	0.50	85.37
50.0-51.0	4.3	0.4	65.0	0.48	85.85
51.0-52.0	4.0	0.3	65.3	0.46	86.31
52.0-53.0	3.8	0.3	65.7	0.44	86.75
53.0-54.0	3.6	0.3	66.0	0.42	87.16
54.0-55.0	3.4	0.3	66.3	0.40	87.56
55.0-56.0	3.2	0.3	66.6	0.38	87.94
56.0-57.0	3.0	0.3	66.8	0.36	88.30
57.0-58.0	2.8	0.3	67.1	0.34	88.64
58.0-59.0	2.6	0.2	67.3	0.32	88.96
59.0-60.0	2.4	0.2	67.6	0.31	89.27
60.0-61.0	2.3	0.2	67.8	0.29	89.56
61.0-62.0	2.1	0.2	68.0	0.27	89.83
62.0-63.0	2.0	0.2	68.2	0.26	90.09
63.0-64.0	1.9	0.2	68.4	0.24	90.33
64.0-65.0	1.7	0.2	68.6	0.23	90.56
65.0-66.0	1.6	0.2	68.7	0.22	90.77
66.0-67.0	1.5	0.2	68.9	0.20	90.98
67.0-68.0	1.4	0.1	69.0	0.19	91.16
68.0-69.0	1.3	0.1	69.1	0.18	91.34
69.0-70.0	1.3	0.1	69.3	0.17	91.51
70.0-71.0	1.2	0.1	69.4	0.16	91.67
71.0-72.0	1.1	0.1	69.5	0.15	91.83

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	1.1	0.1	69.6	0.15	91.97
73.0-74.0	1.0	0.1	69.7	0.14	92.11
74.0-75.0	0.9	0.1	69.8	0.13	92.24
75.0-76.0	0.9	0.1	69.9	0.13	92.37
76.0-77.0	0.9	0.1	70.0	0.12	92.49
77.0-78.0	0.8	0.1	70.1	0.12	92.61
78.0-79.0	0.8	0.1	70.2	0.11	92.72
79.0-80.0	0.8	0.1	70.3	0.11	92.83
80.0-81.0	0.7	0.1	70.4	0.10	92.93
81.0-82.0	0.7	0.1	70.4	0.10	93.03
82.0-83.0	0.7	0.1	70.5	0.10	93.13
83.0-84.0	0.7	0.1	70.6	0.10	93.23
84.0-85.0	0.7	0.1	70.7	0.10	93.33
85.0-86.0	0.7	0.1	70.7	0.10	93.42
86.0-87.0	0.7	0.1	70.8	0.10	93.52
87.0-88.0	0.7	0.1	70.9	0.09	93.61
88.0-89.0	0.7	0.1	70.9	0.09	93.71
89.0-90.0	0.6	0.1	71.0	0.09	93.80
90.0-91.0	0.6	0.1	71.1	0.09	93.89
91.0-92.0	0.7	0.1	71.2	0.09	93.99
92.0-93.0	0.6	0.1	71.2	0.09	94.08
93.0-94.0	0.6	0.1	71.3	0.09	94.18
94.0-95.0	0.6	0.1	71.4	0.09	94.27
95.0-96.0	0.6	0.1	71.4	0.09	94.36
96.0-97.0	0.6	0.1	71.5	0.09	94.45
97.0-98.0	0.6	0.1	71.6	0.09	94.55
98.0-99.0	0.6	0.1	71.6	0.09	94.64
99.0-100.0	0.6	0.1	71.7	0.09	94.73
100.0-101.0	0.7	0.1	71.8	0.09	94.82
101.0-102.0	0.7	0.1	71.9	0.09	94.91
102.0-103.0	0.6	0.1	71.9	0.09	95.01
103.0-104.0	0.6	0.1	72.0	0.09	95.10
104.0-105.0	0.7	0.1	72.1	0.09	95.19
105.0-106.0	0.6	0.1	72.1	0.09	95.28
106.0-107.0	0.6	0.1	72.2	0.09	95.37
107.0-108.0	0.6	0.1	72.3	0.09	95.46

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	0.7	0.1	72.3	0.09	95.55
109.0-110.0	0.7	0.1	72.4	0.09	95.64
110.0-111.0	0.7	0.1	72.5	0.09	95.73
111.0-112.0	0.7	0.1	72.5	0.09	95.82
112.0-113.0	0.7	0.1	72.6	0.09	95.90
113.0-114.0	0.7	0.1	72.7	0.09	95.99
114.0-115.0	0.7	0.1	72.7	0.09	96.08
115.0-116.0	0.7	0.1	72.8	0.09	96.17
116.0-117.0	0.7	0.1	72.9	0.09	96.26
117.0-118.0	0.7	0.1	72.9	0.09	96.35
118.0-119.0	0.7	0.1	73.0	0.09	96.43
119.0-120.0	0.7	0.1	73.1	0.08	96.52
120.0-121.0	0.7	0.1	73.1	0.08	96.60
121.0-122.0	0.7	0.1	73.2	0.09	96.69
122.0-123.0	0.7	0.1	73.3	0.08	96.77
123.0-124.0	0.7	0.1	73.3	0.08	96.86
124.0-125.0	0.7	0.1	73.4	0.08	96.94
125.0-126.0	0.7	0.1	73.4	0.08	97.02
126.0-127.0	0.7	0.1	73.5	0.08	97.11
127.0-128.0	0.7	0.1	73.6	0.08	97.19
128.0-129.0	0.7	0.1	73.6	0.08	97.27
129.0-130.0	0.7	0.1	73.7	0.08	97.35
130.0-131.0	0.7	0.1	73.8	0.08	97.44
131.0-132.0	0.8	0.1	73.8	0.08	97.52
132.0-133.0	0.8	0.1	73.9	0.08	97.60
133.0-134.0	0.8	0.1	73.9	0.08	97.68
134.0-135.0	0.8	0.1	74.0	0.08	97.76
135.0-136.0	0.8	0.1	74.1	0.08	97.84
136.0-137.0	0.8	0.1	74.1	0.08	97.92
137.0-138.0	0.8	0.1	74.2	0.08	98.00
138.0-139.0	0.8	0.1	74.2	0.08	98.07
139.0-140.0	0.8	0.1	74.3	0.08	98.15
140.0-141.0	0.8	0.1	74.4	0.08	98.22
141.0-142.0	0.8	0.1	74.4	0.08	98.30
142.0-143.0	0.8	0.1	74.5	0.07	98.38
143.0-144.0	0.9	0.1	74.5	0.07	98.45

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	0.9	0.1	74.6	0.07	98.52
145.0-146.0	0.9	0.1	74.6	0.07	98.59
146.0-147.0	0.9	0.1	74.7	0.07	98.67
147.0-148.0	0.9	0.1	74.7	0.07	98.74
148.0-149.0	0.9	0.1	74.8	0.07	98.81
149.0-150.0	0.9	0.1	74.8	0.07	98.87
150.0-151.0	0.9	0.1	74.9	0.07	98.94
151.0-152.0	0.9	0.0	74.9	0.06	99.00
152.0-153.0	1.0	0.0	75.0	0.06	99.07
153.0-154.0	1.0	0.0	75.0	0.06	99.13
154.0-155.0	1.0	0.0	75.1	0.06	99.19
155.0-156.0	1.0	0.0	75.1	0.06	99.25
156.0-157.0	1.0	0.0	75.2	0.06	99.31
157.0-158.0	1.0	0.0	75.2	0.06	99.36
158.0-159.0	1.0	0.0	75.3	0.05	99.42
159.0-160.0	1.0	0.0	75.3	0.05	99.47
160.0-161.0	1.0	0.0	75.3	0.05	99.52
161.0-162.0	1.0	0.0	75.4	0.05	99.57
162.0-163.0	1.0	0.0	75.4	0.05	99.61
163.0-164.0	1.0	0.0	75.4	0.04	99.65
164.0-165.0	1.1	0.0	75.5	0.04	99.70
165.0-166.0	1.1	0.0	75.5	0.04	99.73
166.0-167.0	1.1	0.0	75.5	0.04	99.77
167.0-168.0	1.1	0.0	75.6	0.03	99.80
168.0-169.0	1.1	0.0	75.6	0.03	99.83
169.0-170.0	1.1	0.0	75.6	0.03	99.86
170.0-171.0	1.1	0.0	75.6	0.03	99.89
171.0-172.0	1.1	0.0	75.6	0.02	99.91
172.0-173.0	1.1	0.0	75.7	0.02	99.93
173.0-174.0	1.1	0.0	75.7	0.02	99.95
174.0-175.0	1.1	0.0	75.7	0.02	99.96
175.0-176.0	1.1	0.0	75.7	0.01	99.98
176.0-177.0	1.1	0.0	75.7	0.01	99.99
177.0-178.0	1.1	0.0	75.7	0.01	99.99
178.0-179.0	1.1	0.0	75.7	0.00	100.00
179.0-180.0	1.1	0.0	75.7	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: