GENLED Brands
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Report No.: **Test Time: 2023/10/8 15:45**

Luminaire Property

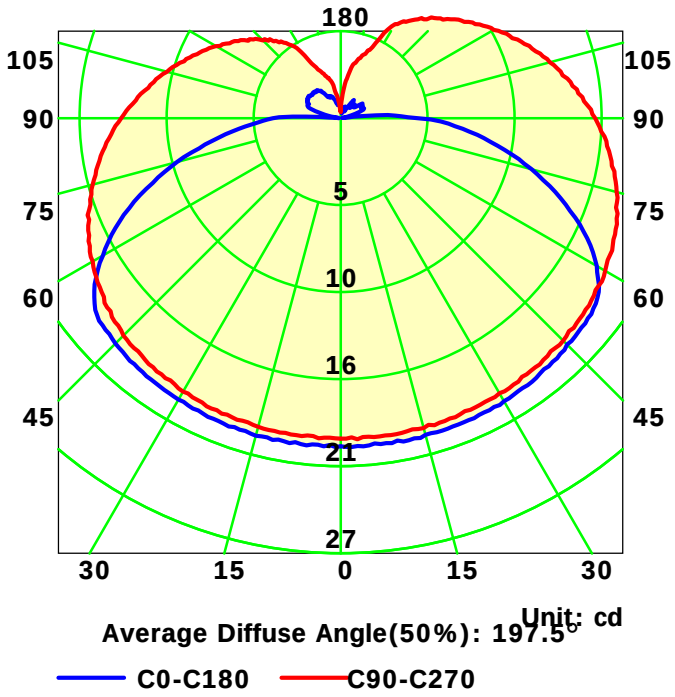
Luminaire Manufacturer: Acolyte
Luminaire Category: HEXANODE RGB2700K-2W-UCS8904 - All on
Luminaire Description: MILKY DOME IP67 **Lamp Catalog: NODE**
Lamp Description: 3 nodes **R+G+B+W** **Luminous Length (mm): 250**
Luminous Width (mm): 60 **Luminous Height (mm): 75**
Voltage: 24.0 V **Current: 0.228 A**
Power: 5.47 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 163.4 lm**
Measurement Flux: 163.4 lm **Efficiency: 100%**
Downward Ratio: 69% **Upward Ratio: 31%**
Horizontal Diffuse Angle(10%,50%): H188.4,H155
Vertical Diffuse Angle(10%,50%): V340.7,V239.9
Luminaire Efficacy Rating (LER): 30 **Central Intensity: 20.71 cd**
Max. Intensity: 20.8 cd **Pos of Max. Intensity: H0 V14**

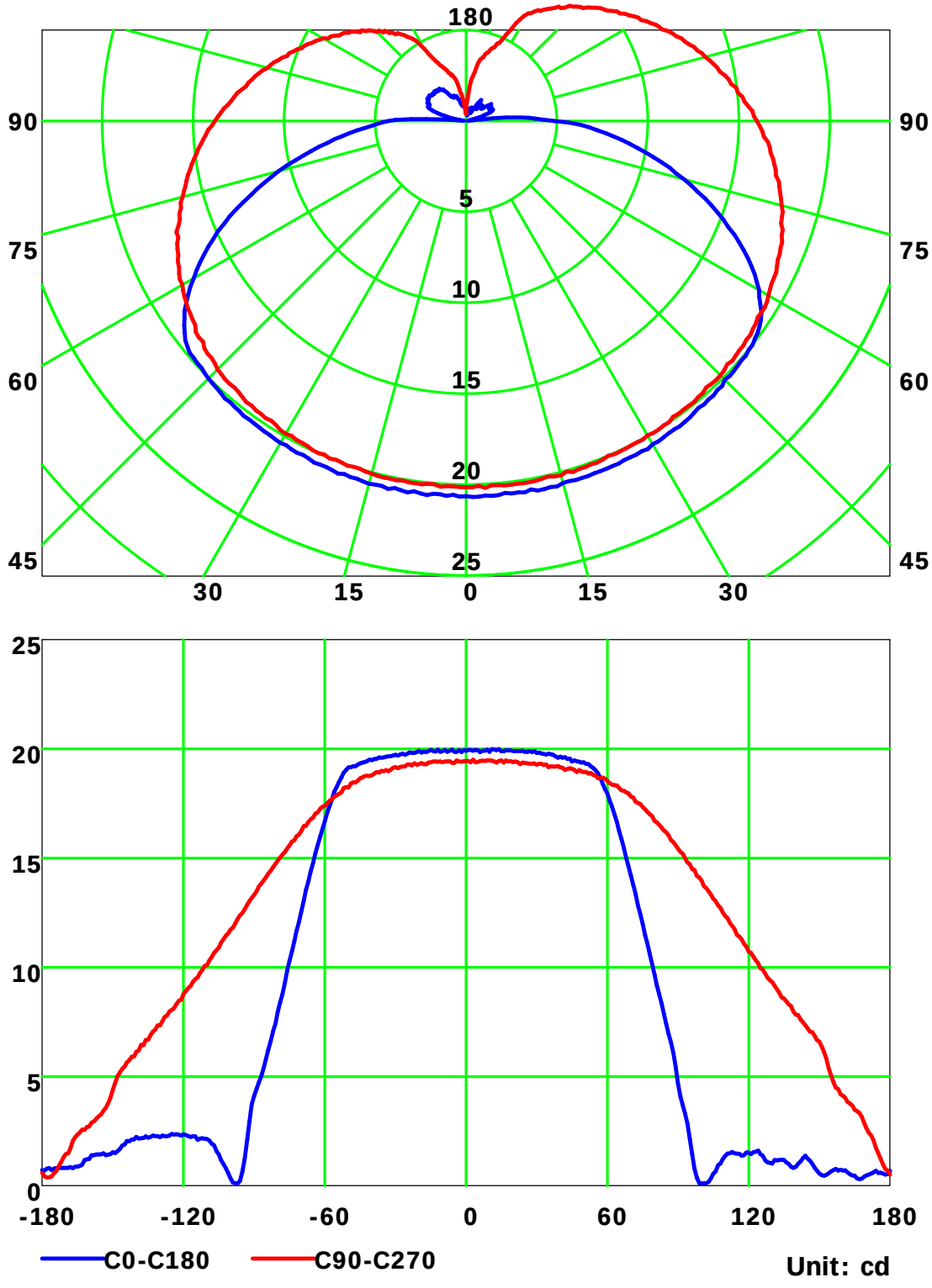
Picture Of Luminaire

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Jacky **Inspector:**

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
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Test Type: TYPE C
Temperature: 25
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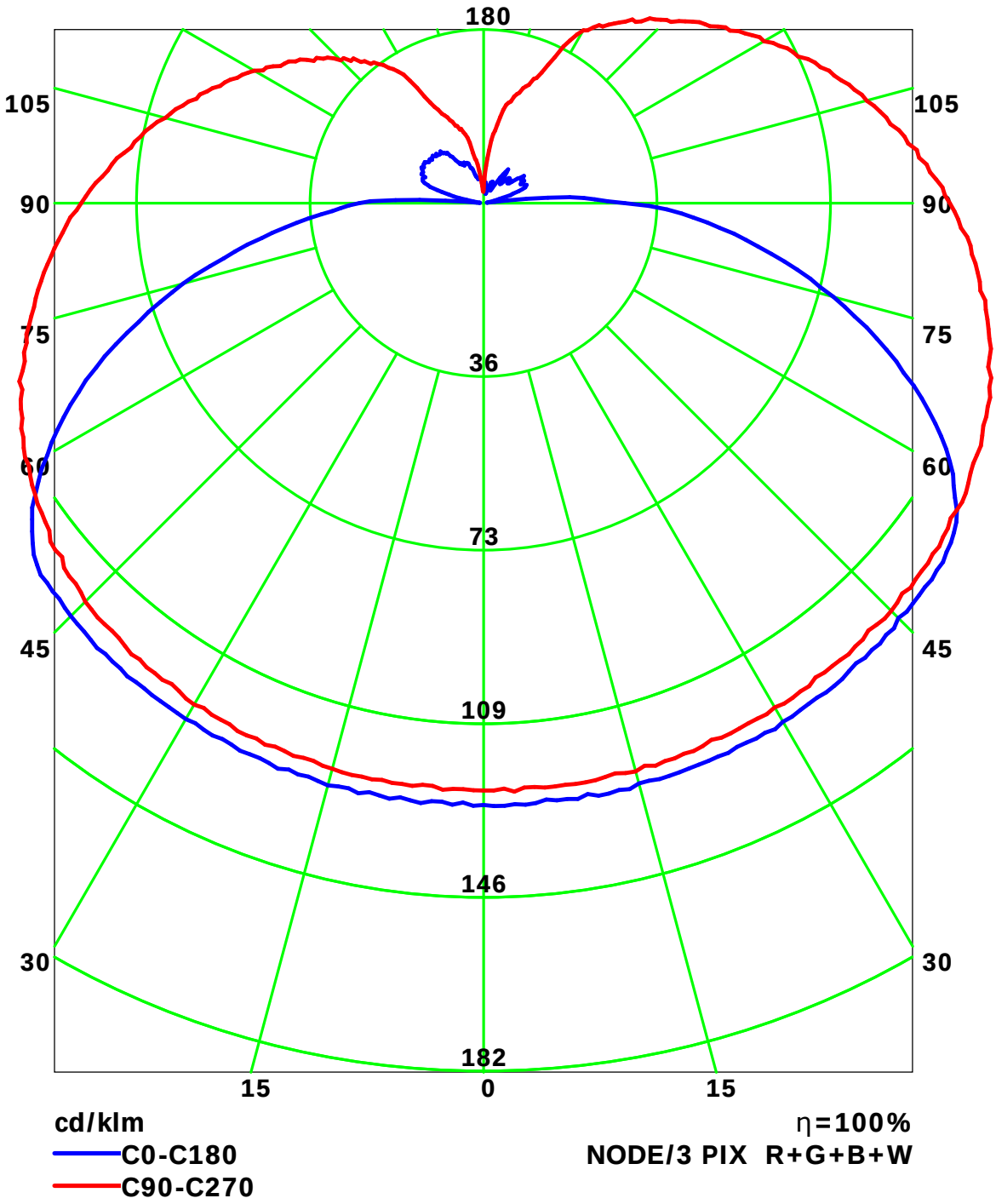
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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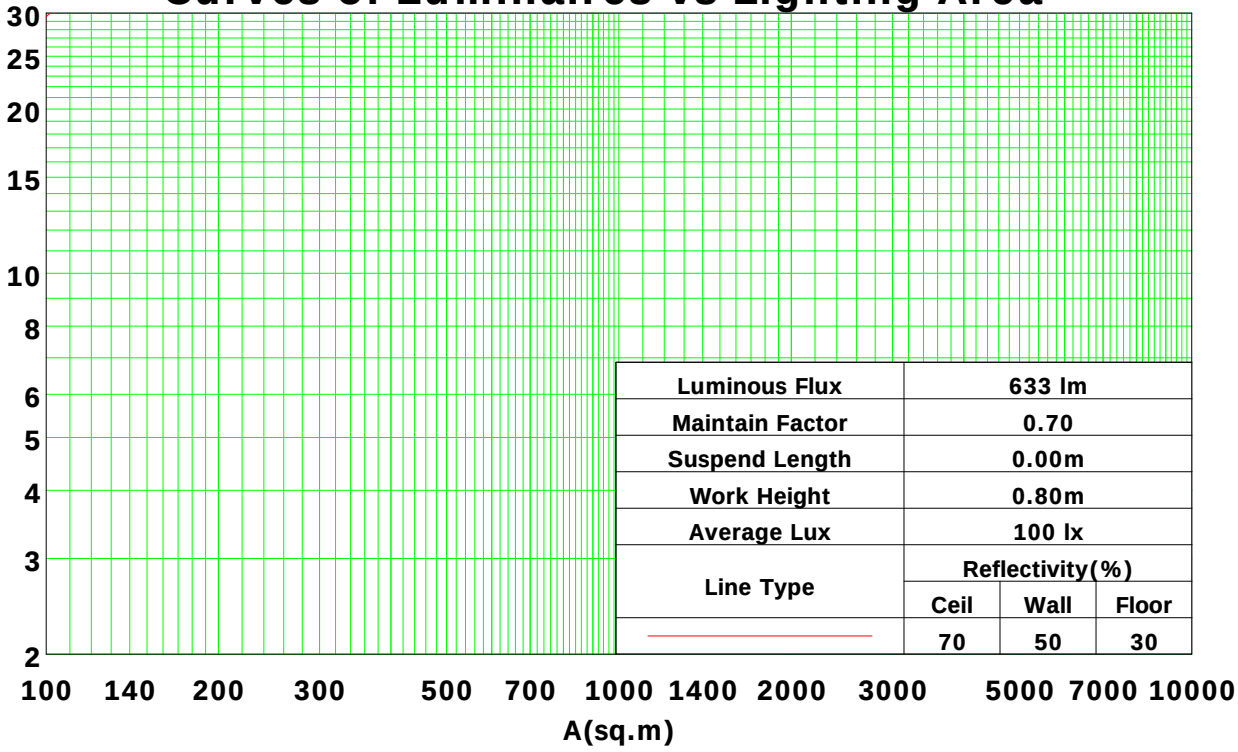
Inspector:

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	112	112	112	112	105	105	105	105	94	94	94	83	83	83	73	73	73	69
1	97	91	85	80	91	86	80	76	75	71	68	66	63	60	58	55	53	48
2	87	77	69	62	81	72	65	58	63	57	52	55	51	47	48	44	41	37
3	78	66	57	49	73	62	54	47	54	48	42	47	42	37	41	37	33	29
4	71	58	48	40	66	54	45	38	48	40	35	41	36	31	36	31	27	24
5	65	51	41	34	60	48	39	32	42	35	29	37	31	26	32	27	23	20
6	59	45	36	29	55	43	34	28	38	30	25	33	27	22	29	24	20	17
7	55	41	31	25	51	38	30	24	34	27	21	30	24	19	26	21	17	14
8	51	37	28	22	47	35	26	21	31	24	19	27	21	17	24	19	15	13
9	47	33	25	19	44	32	24	18	28	21	17	25	19	15	22	17	13	11
10	44	31	22	17	41	29	21	16	26	19	15	23	17	13	20	15	12	10

Spacing Criteria (0-180): 1.51
Spacing Criteria (90-270): 1.50
Spacing Criteria (Diagonal): 1.69

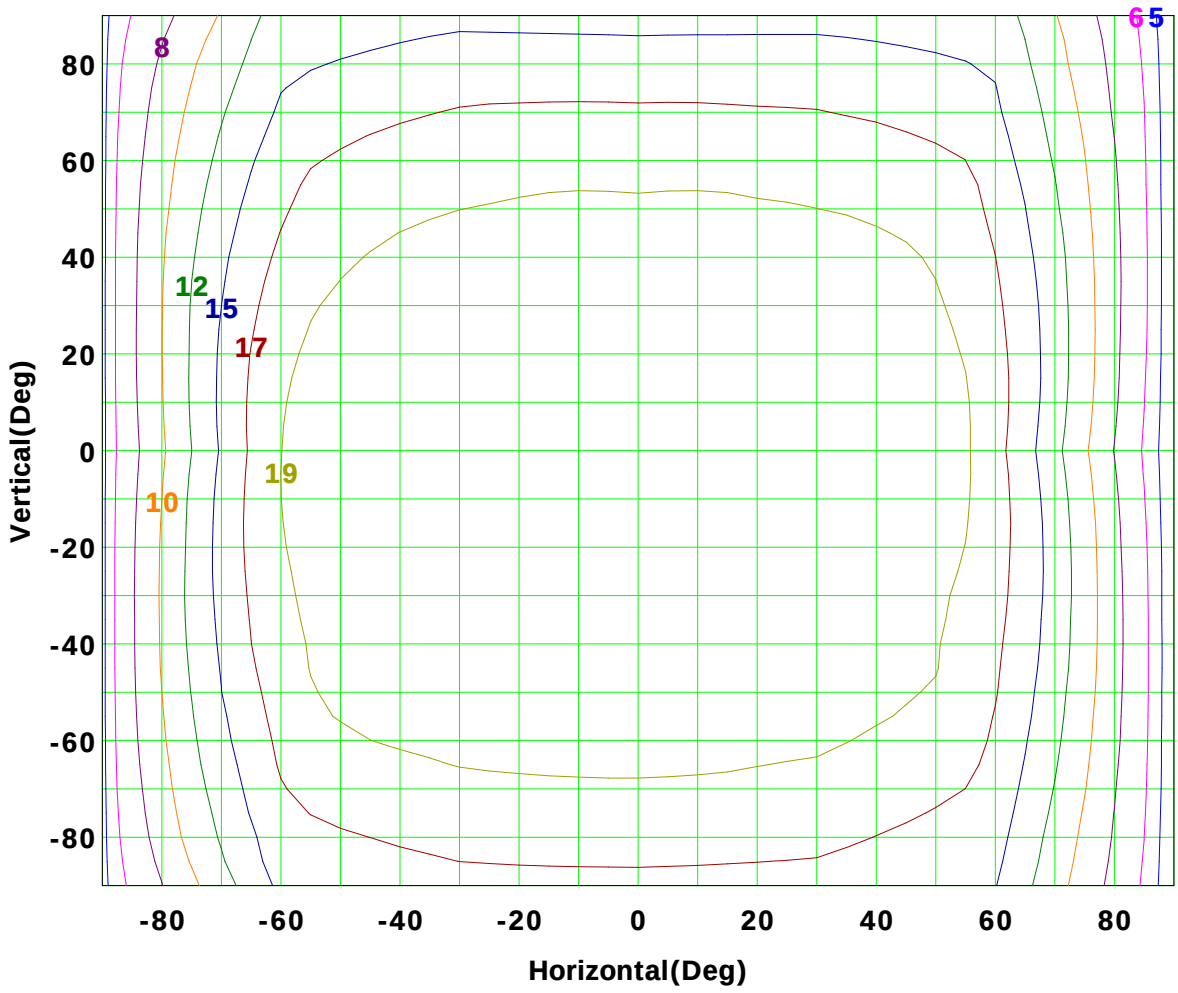
Curves of Luminaires vs Lighting Area



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)



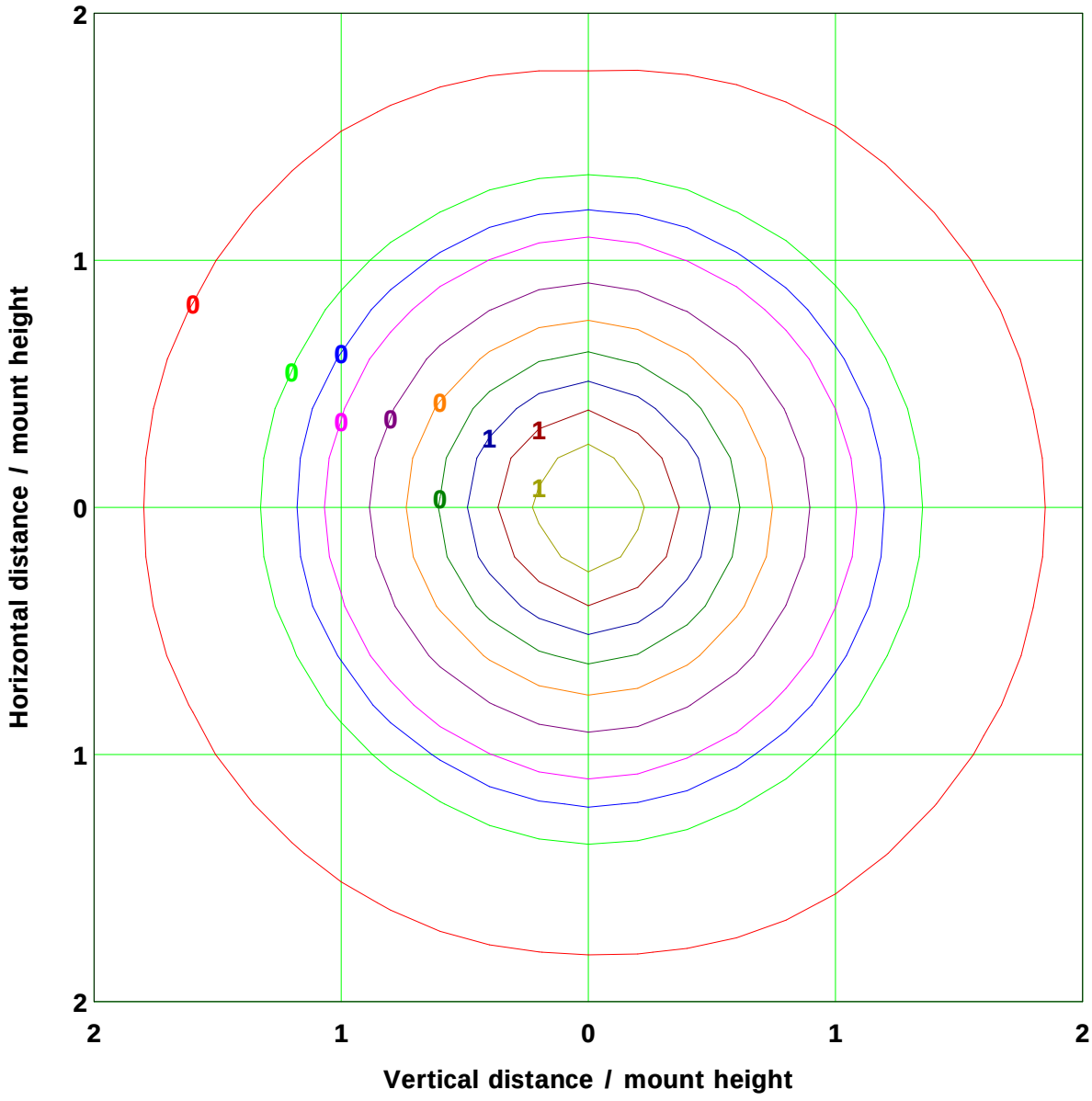
Imax (100%): 21 cd

(10%):	2 cd	(20%):	4 cd
(25%):	5 cd	(30%):	6 cd
(40%):	8 cd	(50%):	10 cd
(60%):	12 cd	(70%):	15 cd
(80%):	17 cd	(90%):	19 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%): 0.8 lx

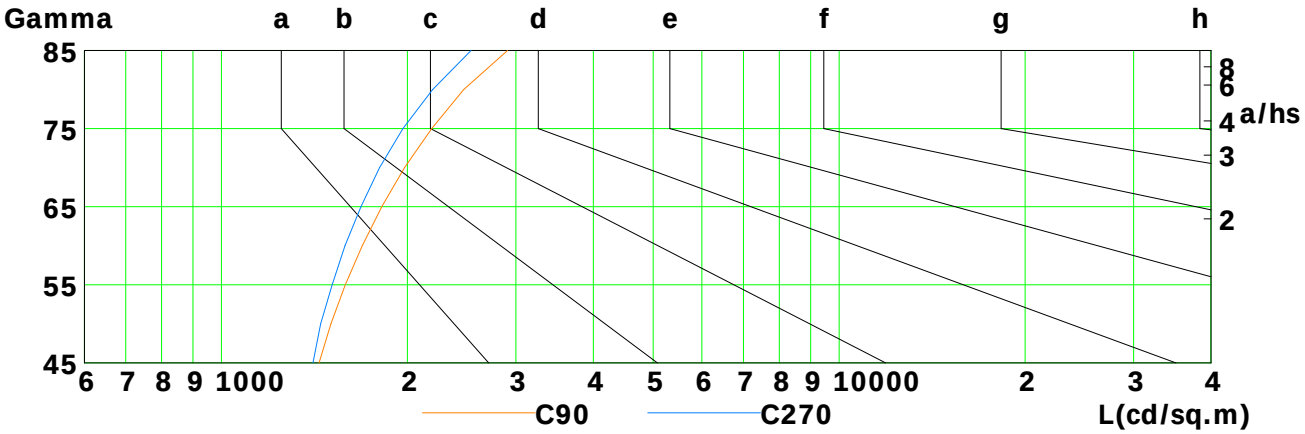
(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.4 lx
(60%): 0.5 lx	(70%): 0.6 lx
(80%): 0.7 lx	(90%): 0.7 lx

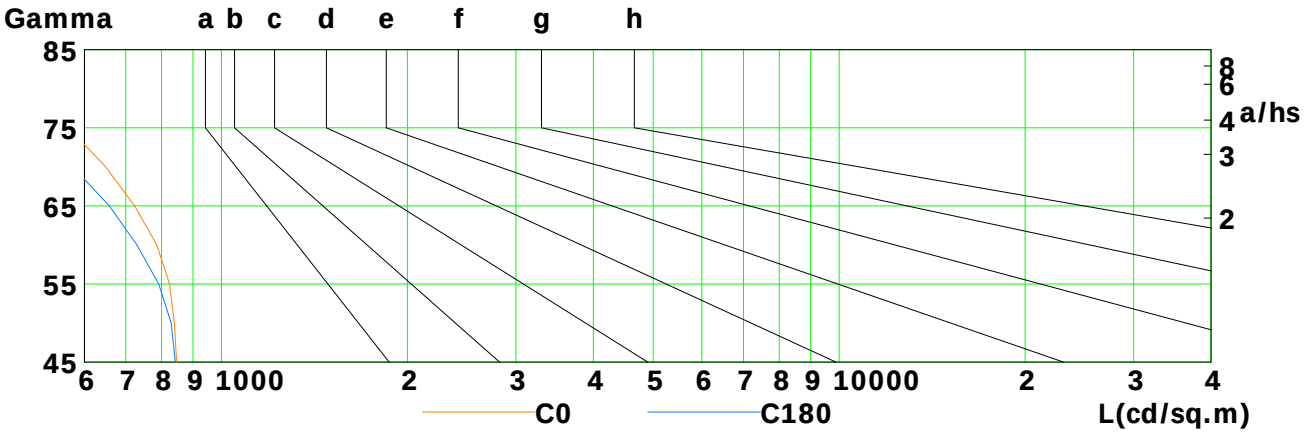
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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	846	839	825	787	724	649	567	477	387
C90	1440	1504	1587	1691	1818	1980	2191	2469	2907
C180	842	829	792	730	659	575	487	392	303
C270	1407	1448	1512	1586	1683	1805	1969	2199	2537

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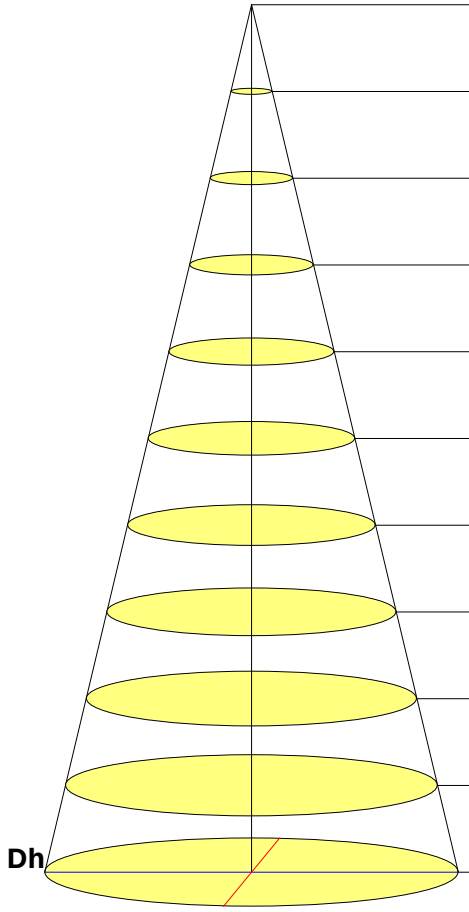
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

Illuminance at a Distance



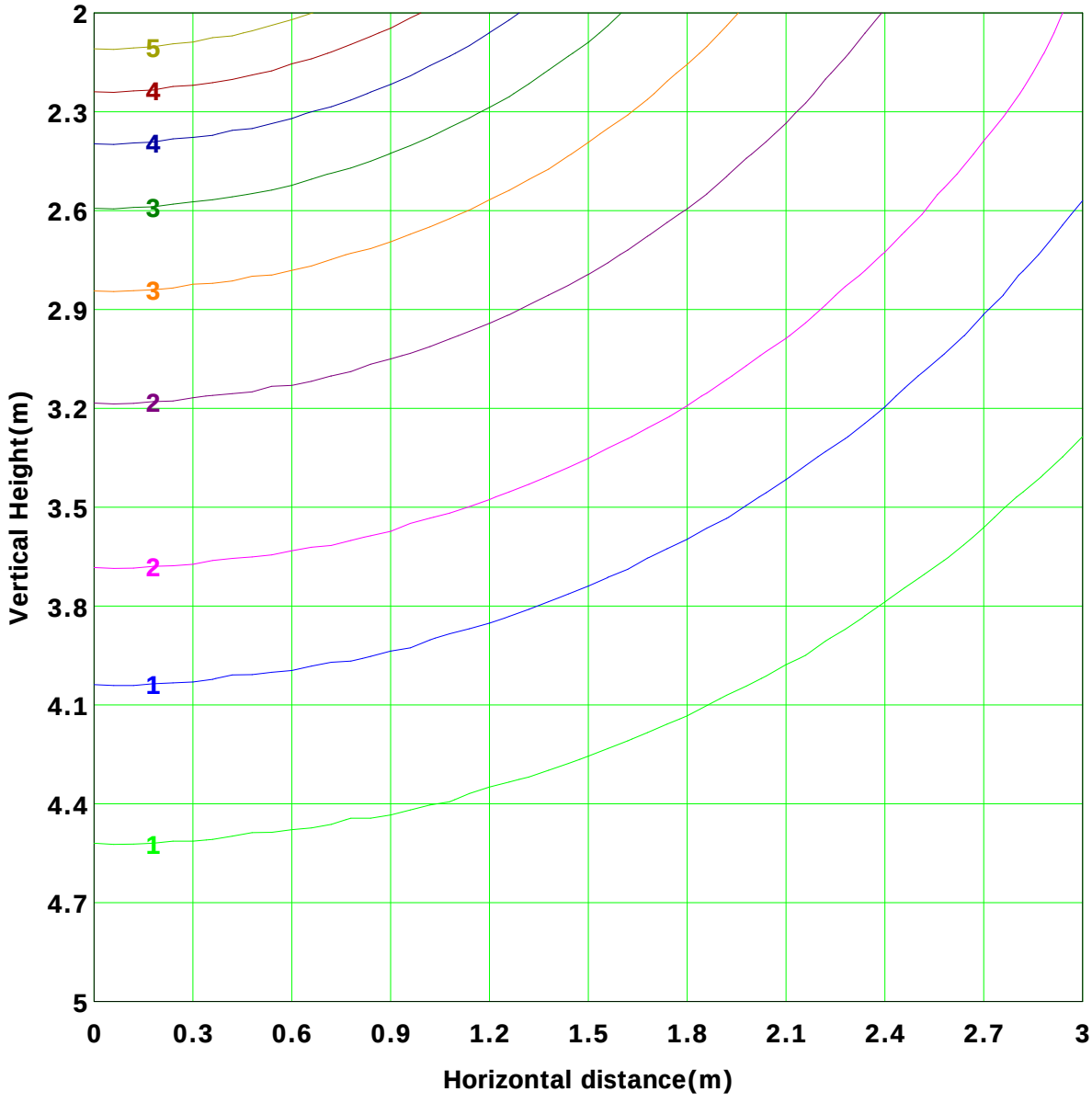
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	20.71	9.02/NA	NA	NA
2.0	5.18	18.04/NA	NA	NA
3.0	2.30	27.05/NA	NA	NA
4.0	1.29	36.07/NA	NA	NA
5.0	0.83	45.09/NA	NA	NA
6.0	0.58	54.11/NA	NA	NA
7.0	0.42	63.12/NA	NA	NA
8.0	0.32	72.14/NA	NA	NA
9.0	0.26	81.16/NA	NA	NA
10.0	0.21	90.18/NA	NA	NA

Beam Angle(B): H155.0 V239.9 Field Angle(F): H188.4 V340.7

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: 5.2 lx

(10%): 0.5 lx	(20%): 1.0 lx
(25%): 1.3 lx	(30%): 1.6 lx
(40%): 2.1 lx	(50%): 2.6 lx
(60%): 3.1 lx	(70%): 3.6 lx
(80%): 4.1 lx	(90%): 4.7 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

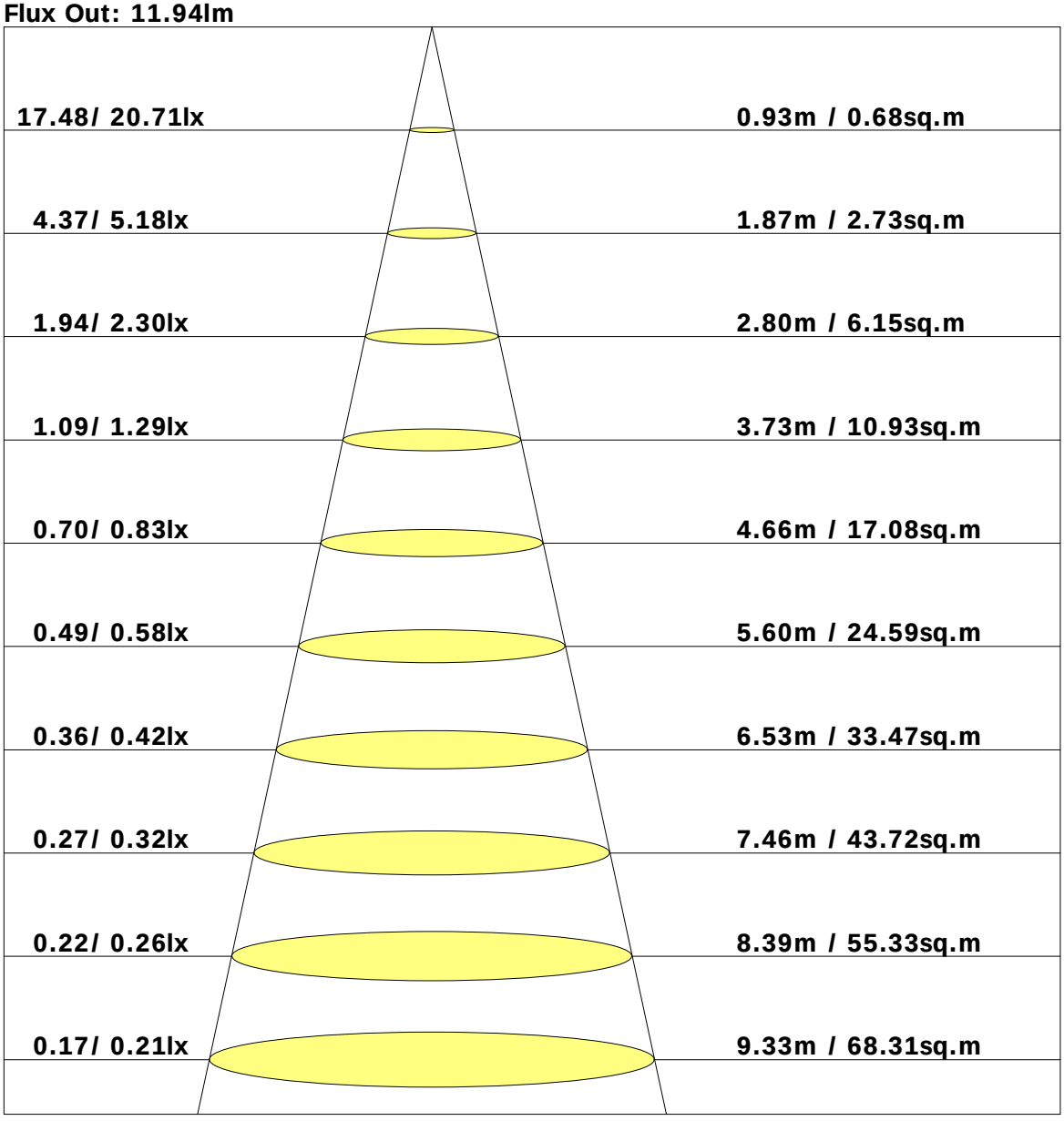
Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
-80	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.6	1.6
-70	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	3.4	3.4
-60	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	5.4	5.4
-50	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.0	7.1	7.1
-40	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.0	8.3	8.3
-30	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.0	9.3	9.3
-20	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.0	10.0	10.0
-10	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.0	10.3	10.3
0	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.0	10.3	10.3
10	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.0	10.0	10.0
20	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.0	9.4	9.4
30	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.0	8.4	8.4
40	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.0	7.1	7.1
50	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.0	5.6	5.6
60	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	3.6	3.6
70	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	0.1	0.1	0.1	0.1	0.0	1.7	1.7
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	0.4	0.4
90	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.0	112	
Flux(T)	4.9	5.4	5.8	6.1	6.3	6.5	6.6	6.7	6.8	6.8	6.7	6.6	6.5	6.4	6.2	5.9	5.5				
Flux(E)	4.9	5.4	5.8	6.1	6.3	6.5	6.6	6.7	6.8	6.8	6.7	6.6	6.5	6.4	6.2	5.9	5.5				

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

Flux Out: 11.94lm



Height | Avg./Nadir. E | Beam Angle:50.0° | Diameter / Area

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Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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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	16.7	17.9	17.4	18.7	19.7	15.5	16.7	16.2	17.5	18.4
3H	19.3	20.4	20.1	21.2	22.2	18.1	19.2	18.9	20.0	21.0
4H	20.4	21.5	21.2	22.3	23.3	19.4	20.5	20.2	21.3	22.3
6H	21.4	22.4	22.2	23.2	24.3	20.6	21.6	21.4	22.4	23.5
8H	21.8	22.8	22.6	23.6	24.7	21.2	22.2	22.0	23.0	24.0
12H	22.2	23.1	23.0	24.0	25.0	21.8	22.7	22.6	23.5	24.6
X=4H Y=2H	17.3	18.3	18.0	19.1	20.1	16.4	17.5	17.2	18.3	19.3
3H	20.1	21.1	20.9	21.9	22.9	19.2	20.2	20.0	21.0	22.0
4H	21.5	22.3	22.3	23.2	24.2	20.6	21.5	21.5	22.4	23.4
6H	22.7	23.4	23.5	24.3	25.3	22.0	22.8	22.9	23.7	24.7
8H	23.2	23.9	24.0	24.8	25.8	22.7	23.4	23.5	24.3	25.4
12H	23.7	24.3	24.5	25.2	26.3	23.4	24.0	24.2	24.9	26.0
X=8H Y=4H	21.9	22.6	22.7	23.5	24.6	21.3	22.0	22.1	22.9	23.9
6H	23.3	24.0	24.2	24.9	26.0	22.9	23.5	23.7	24.4	25.5
8H	24.1	24.6	24.9	25.5	26.6	23.7	24.3	24.6	25.2	26.2
12H	24.7	25.2	25.6	26.1	27.3	24.5	25.0	25.4	25.9	27.0
X=12H Y=4H	22.0	22.7	22.8	23.5	24.6	21.4	22.1	22.3	23.0	24.0
6H	23.5	24.1	24.4	25.0	26.1	23.1	23.7	24.0	24.6	25.7
8H	24.3	24.8	25.2	25.7	26.9	24.0	24.5	24.9	25.4	26.5

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 = 1.75
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	NA	0.51	0.57	0.62	0.69	0.74	0.78	0.83	0.87
	0.30		NA	0.42	0.49	0.54	0.62	0.68	0.72	0.78	0.82
	0.20		NA	0.36	0.43	0.48	0.56	0.62	0.66	0.73	0.77
0.50	0.50	0.20	NA	0.45	0.51	0.55	0.61	0.66	0.69	0.74	0.77
	0.30		NA	0.38	0.44	0.49	0.55	0.60	0.64	0.69	0.73
	0.20		NA	0.34	0.39	0.43	0.50	0.56	0.59	0.65	0.69
0.30	0.50	0.20	NA	0.40	0.45	0.49	0.54	0.58	0.61	0.65	0.67
	0.30		NA	0.34	0.39	0.43	0.49	0.53	0.57	0.61	0.64
	0.20		NA	0.30	0.35	0.39	0.45	0.50	0.53	0.58	0.61
0.00	0.00	0.00	NA	0.24	0.28	0.31	0.36	0.40	0.43	0.47	0.50

Rating:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(Wall)

Utilisation Factors UF(W)							SHR NOM = 1.75				
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	NA	0.89	0.79	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.77	0.69	0.62	0.53	0.46	0.41	0.34	0.29
	0.20		NA	0.67	0.61	0.56	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.47	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.38	0.31	0.26
	0.20		NA	0.62	0.56	0.52	0.45	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.57	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.34	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.23
0.00	0.00	0.00	0.69	0.45	0.41	0.37	0.32	0.29	0.26	0.22	0.19

Rating:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(Ceiling cavity)

Utilisation Factors UF(C)							SHR NOM = 1.75				
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	NA	0.49	0.49	0.50	0.51	0.51	0.51	0.52	0.52
	0.30		NA	0.41	0.43	0.43	0.45	0.46	0.47	0.48	0.48
	0.20		NA	0.36	0.37	0.38	0.40	0.41	0.42	0.44	0.45
0.50	0.50	0.20	NA	0.47	0.48	0.48	0.49	0.49	0.49	0.50	0.50
	0.30		NA	0.41	0.42	0.42	0.44	0.44	0.45	0.46	0.47
	0.20		NA	0.36	0.37	0.38	0.39	0.40	0.41	0.43	0.44
0.30	0.50	0.20	NA	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48
	0.30		NA	0.40	0.41	0.41	0.42	0.43	0.44	0.44	0.45
	0.20		NA	0.35	0.36	0.37	0.38	0.40	0.40	0.42	0.42
0.00	0.00	0.00	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31

Rating:5W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	20.3	0.0	0.0	0.01	0.01
1.0-2.0	20.3	0.1	0.1	0.04	0.05
2.0-3.0	20.3	0.1	0.2	0.06	0.11
3.0-4.0	20.3	0.1	0.3	0.08	0.19
4.0-5.0	20.3	0.2	0.5	0.11	0.30
5.0-6.0	20.3	0.2	0.7	0.13	0.43
6.0-7.0	20.3	0.3	1.0	0.15	0.58
7.0-8.0	20.3	0.3	1.2	0.18	0.76
8.0-9.0	20.3	0.3	1.6	0.20	0.96
9.0-10.0	20.3	0.4	1.9	0.23	1.19
10.0-11.0	20.3	0.4	2.3	0.25	1.44
11.0-12.0	20.3	0.4	2.8	0.27	1.71
12.0-13.0	20.3	0.5	3.3	0.30	2.00
13.0-14.0	20.3	0.5	3.8	0.32	2.32
14.0-15.0	20.3	0.6	4.4	0.34	2.66
15.0-16.0	20.3	0.6	4.9	0.36	3.03
16.0-17.0	20.3	0.6	5.6	0.39	3.41
17.0-18.0	20.3	0.7	6.2	0.41	3.82
18.0-19.0	20.3	0.7	7.0	0.43	4.25
19.0-20.0	20.3	0.7	7.7	0.45	4.71
20.0-21.0	20.3	0.8	8.5	0.48	5.18
21.0-22.0	20.3	0.8	9.3	0.50	5.68
22.0-23.0	20.2	0.8	10.1	0.52	6.20
23.0-24.0	20.2	0.9	11.0	0.54	6.74
24.0-25.0	20.2	0.9	11.9	0.56	7.31
25.0-26.0	20.2	1.0	12.9	0.58	7.89
26.0-27.0	20.2	1.0	13.9	0.60	8.50
27.0-28.0	20.2	1.0	14.9	0.63	9.12
28.0-29.0	20.2	1.1	16.0	0.65	9.77
29.0-30.0	20.2	1.1	17.1	0.67	10.43
30.0-31.0	20.1	1.1	18.2	0.69	11.12
31.0-32.0	20.1	1.2	19.3	0.71	11.83
32.0-33.0	20.1	1.2	20.5	0.72	12.55
33.0-34.0	20.1	1.2	21.7	0.74	13.29
34.0-35.0	20.1	1.2	23.0	0.76	14.06
35.0-36.0	20.1	1.3	24.3	0.78	14.84

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	20.0	1.3	25.6	0.80	15.64
37.0-38.0	20.0	1.3	26.9	0.82	16.45
38.0-39.0	20.0	1.4	28.3	0.83	17.29
39.0-40.0	19.9	1.4	29.6	0.85	18.14
40.0-41.0	19.9	1.4	31.1	0.87	19.01
41.0-42.0	19.9	1.4	32.5	0.88	19.89
42.0-43.0	19.9	1.5	34.0	0.90	20.79
43.0-44.0	19.8	1.5	35.5	0.92	21.71
44.0-45.0	19.8	1.5	37.0	0.93	22.64
45.0-46.0	19.8	1.5	38.5	0.95	23.58
46.0-47.0	19.7	1.6	40.1	0.96	24.54
47.0-48.0	19.7	1.6	41.7	0.97	25.51
48.0-49.0	19.6	1.6	43.3	0.99	26.50
49.0-50.0	19.6	1.6	44.9	1.00	27.50
50.0-51.0	19.5	1.7	46.6	1.01	28.51
51.0-52.0	19.5	1.7	48.3	1.02	29.53
52.0-53.0	19.4	1.7	50.0	1.03	30.57
53.0-54.0	19.3	1.7	51.7	1.04	31.61
54.0-55.0	19.3	1.7	53.4	1.05	32.66
55.0-56.0	19.2	1.7	55.1	1.06	33.72
56.0-57.0	19.1	1.7	56.9	1.07	34.79
57.0-58.0	19.0	1.8	58.6	1.07	35.86
58.0-59.0	18.9	1.8	60.4	1.08	36.94
59.0-60.0	18.7	1.8	62.2	1.08	38.03
60.0-61.0	18.6	1.8	63.9	1.09	39.11
61.0-62.0	18.5	1.8	65.7	1.09	40.20
62.0-63.0	18.4	1.8	67.5	1.09	41.30
63.0-64.0	18.2	1.8	69.3	1.09	42.39
64.0-65.0	18.1	1.8	71.1	1.09	43.48
65.0-66.0	17.9	1.8	72.9	1.09	44.58
66.0-67.0	17.8	1.8	74.6	1.09	45.67
67.0-68.0	17.6	1.8	76.4	1.09	46.76
68.0-69.0	17.4	1.8	78.2	1.09	47.85
69.0-70.0	17.2	1.8	80.0	1.08	48.93
70.0-71.0	17.0	1.8	81.7	1.08	50.01
71.0-72.0	16.8	1.8	83.5	1.07	51.08

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	16.6	1.7	85.2	1.06	52.14
73.0-74.0	16.4	1.7	87.0	1.06	53.20
74.0-75.0	16.2	1.7	88.7	1.05	54.25
75.0-76.0	16.0	1.7	90.4	1.04	55.29
76.0-77.0	15.8	1.7	92.1	1.03	56.32
77.0-78.0	15.6	1.7	93.7	1.02	57.34
78.0-79.0	15.4	1.7	95.4	1.01	58.36
79.0-80.0	15.2	1.6	97.0	1.00	59.36
80.0-81.0	15.0	1.6	98.6	0.99	60.35
81.0-82.0	14.7	1.6	100.2	0.98	61.33
82.0-83.0	14.5	1.6	101.8	0.97	62.29
83.0-84.0	14.3	1.6	103.4	0.96	63.25
84.0-85.0	14.1	1.5	104.9	0.94	64.19
85.0-86.0	13.9	1.5	106.4	0.93	65.12
86.0-87.0	13.7	1.5	107.9	0.92	66.04
87.0-88.0	13.5	1.5	109.4	0.91	66.95
88.0-89.0	13.3	1.5	110.9	0.89	67.84
89.0-90.0	13.1	1.4	112.3	0.88	68.72
90.0-91.0	12.9	1.4	113.7	0.86	69.58
91.0-92.0	12.7	1.4	115.1	0.85	70.43
92.0-93.0	12.4	1.4	116.5	0.83	71.26
93.0-94.0	12.2	1.3	117.8	0.82	72.08
94.0-95.0	11.9	1.3	119.1	0.80	72.88
95.0-96.0	11.7	1.3	120.4	0.78	73.66
96.0-97.0	11.5	1.3	121.7	0.77	74.43
97.0-98.0	11.3	1.2	122.9	0.75	75.18
98.0-99.0	11.2	1.2	124.1	0.74	75.93
99.0-100.0	11.1	1.2	125.3	0.73	76.66
100.0-101.0	10.9	1.2	126.5	0.72	77.38
101.0-102.0	10.8	1.2	127.6	0.71	78.09
102.0-103.0	10.8	1.2	128.8	0.70	78.80
103.0-104.0	10.6	1.1	129.9	0.69	79.49
104.0-105.0	10.5	1.1	131.0	0.69	80.18
105.0-106.0	10.5	1.1	132.1	0.68	80.85
106.0-107.0	10.4	1.1	133.2	0.67	81.52
107.0-108.0	10.3	1.1	134.3	0.66	82.18

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	10.2	1.1	135.4	0.65	82.83
109.0-110.0	10.1	1.0	136.4	0.64	83.46
110.0-111.0	9.9	1.0	137.4	0.62	84.09
111.0-112.0	9.8	1.0	138.4	0.61	84.70
112.0-113.0	9.7	1.0	139.4	0.60	85.30
113.0-114.0	9.5	1.0	140.4	0.59	85.89
114.0-115.0	9.4	0.9	141.3	0.57	86.46
115.0-116.0	9.3	0.9	142.2	0.56	87.02
116.0-117.0	9.1	0.9	143.1	0.55	87.57
117.0-118.0	9.0	0.9	144.0	0.53	88.10
118.0-119.0	8.8	0.9	144.8	0.52	88.62
119.0-120.0	8.7	0.8	145.7	0.51	89.13
120.0-121.0	8.6	0.8	146.5	0.49	89.63
121.0-122.0	8.4	0.8	147.3	0.48	90.11
122.0-123.0	8.3	0.8	148.0	0.47	90.58
123.0-124.0	8.1	0.7	148.8	0.46	91.03
124.0-125.0	8.0	0.7	149.5	0.44	91.47
125.0-126.0	7.8	0.7	150.2	0.43	91.90
126.0-127.0	7.7	0.7	150.9	0.41	92.32
127.0-128.0	7.5	0.7	151.5	0.40	92.72
128.0-129.0	7.4	0.6	152.2	0.39	93.10
129.0-130.0	7.2	0.6	152.8	0.37	93.48
130.0-131.0	7.1	0.6	153.4	0.36	93.84
131.0-132.0	7.0	0.6	153.9	0.35	94.19
132.0-133.0	6.8	0.6	154.5	0.34	94.53
133.0-134.0	6.7	0.5	155.0	0.33	94.85
134.0-135.0	6.6	0.5	155.5	0.31	95.17
135.0-136.0	6.4	0.5	156.0	0.30	95.47
136.0-137.0	6.3	0.5	156.5	0.29	95.76
137.0-138.0	6.1	0.5	157.0	0.28	96.04
138.0-139.0	6.0	0.4	157.4	0.27	96.30
139.0-140.0	5.9	0.4	157.8	0.26	96.56
140.0-141.0	5.8	0.4	158.2	0.25	96.81
141.0-142.0	5.7	0.4	158.6	0.24	97.04
142.0-143.0	5.5	0.4	159.0	0.23	97.27
143.0-144.0	5.4	0.4	159.3	0.22	97.49

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	5.3	0.3	159.7	0.21	97.69
145.0-146.0	5.1	0.3	160.0	0.19	97.89
146.0-147.0	4.9	0.3	160.3	0.18	98.07
147.0-148.0	4.7	0.3	160.6	0.17	98.24
148.0-149.0	4.5	0.3	160.8	0.16	98.40
149.0-150.0	4.3	0.2	161.1	0.15	98.55
150.0-151.0	4.1	0.2	161.3	0.14	98.68
151.0-152.0	3.9	0.2	161.5	0.13	98.81
152.0-153.0	3.8	0.2	161.7	0.12	98.93
153.0-154.0	3.6	0.2	161.9	0.11	99.03
154.0-155.0	3.5	0.2	162.0	0.10	99.14
155.0-156.0	3.4	0.2	162.2	0.09	99.23
156.0-157.0	3.2	0.1	162.3	0.09	99.32
157.0-158.0	3.1	0.1	162.5	0.08	99.39
158.0-159.0	3.0	0.1	162.6	0.07	99.47
159.0-160.0	2.9	0.1	162.7	0.07	99.53
160.0-161.0	2.8	0.1	162.8	0.06	99.60
161.0-162.0	2.7	0.1	162.9	0.06	99.65
162.0-163.0	2.6	0.1	163.0	0.05	99.71
163.0-164.0	2.5	0.1	163.0	0.05	99.75
164.0-165.0	2.4	0.1	163.1	0.04	99.80
165.0-166.0	2.2	0.1	163.2	0.04	99.83
166.0-167.0	2.1	0.1	163.2	0.03	99.87
167.0-168.0	1.9	0.0	163.3	0.03	99.89
168.0-169.0	1.7	0.0	163.3	0.02	99.92
169.0-170.0	1.6	0.0	163.3	0.02	99.94
170.0-171.0	1.4	0.0	163.4	0.02	99.95
171.0-172.0	1.2	0.0	163.4	0.01	99.96
172.0-173.0	1.1	0.0	163.4	0.01	99.97
173.0-174.0	1.1	0.0	163.4	0.01	99.98
174.0-175.0	1.0	0.0	163.4	0.01	99.99
175.0-176.0	0.9	0.0	163.4	0.00	99.99
176.0-177.0	0.8	0.0	163.4	0.00	100.00
177.0-178.0	0.8	0.0	163.4	0.00	100.00
178.0-179.0	0.7	0.0	163.4	0.00	100.00
179.0-180.0	0.7	0.0	163.4	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: