GENLED Brands
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Report No.: **Test Time: 2023/10/7 15:19**

Luminaire Property

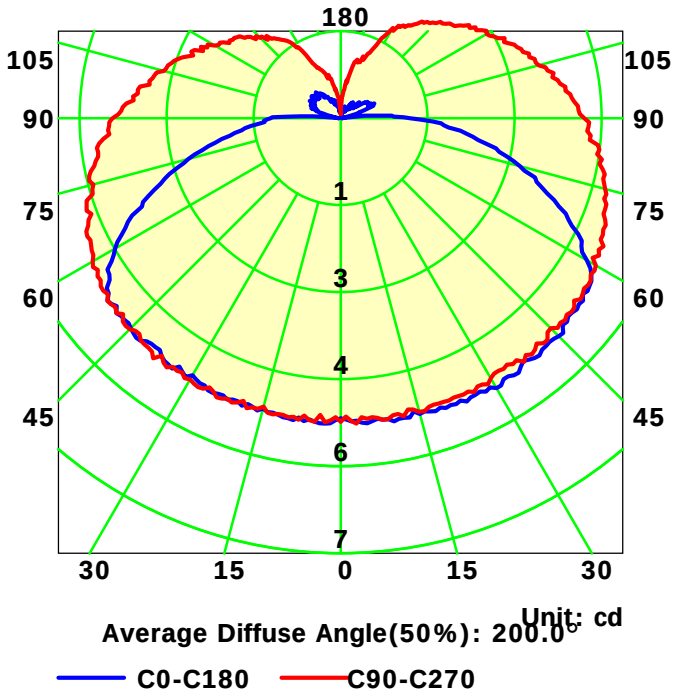
Luminaire Manufacturer: Acolyte
Luminaire Category: TRINODE RGB2700K-1W-UCS8904- All on
Luminaire Description: MILKY DOME IP67 **Lamp Catalog: NODE**
Lamp Description: 3 nodes **R+G+B+W** **Luminous Length (mm): 250**
Luminous Width (mm): 60 **Luminous Height (mm): 30**
Voltage: 24.0 V **Current: 0.129 A**
Power: 3.11 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 45.8 lm**
Measurement Flux: 45.8 lm **Efficiency: 100%**
Downward Ratio: 68% **Upward Ratio: 32%**
Horizontal Diffuse Angle(10%,50%): H188.7,H155
Vertical Diffuse Angle(10%,50%): V341.1,V245.1
Luminaire Efficacy Rating (LER): 15 **Central Intensity: 5.46 cd**
Max. Intensity: 5.68 cd **Pos of Max. Intensity: H0 V30**

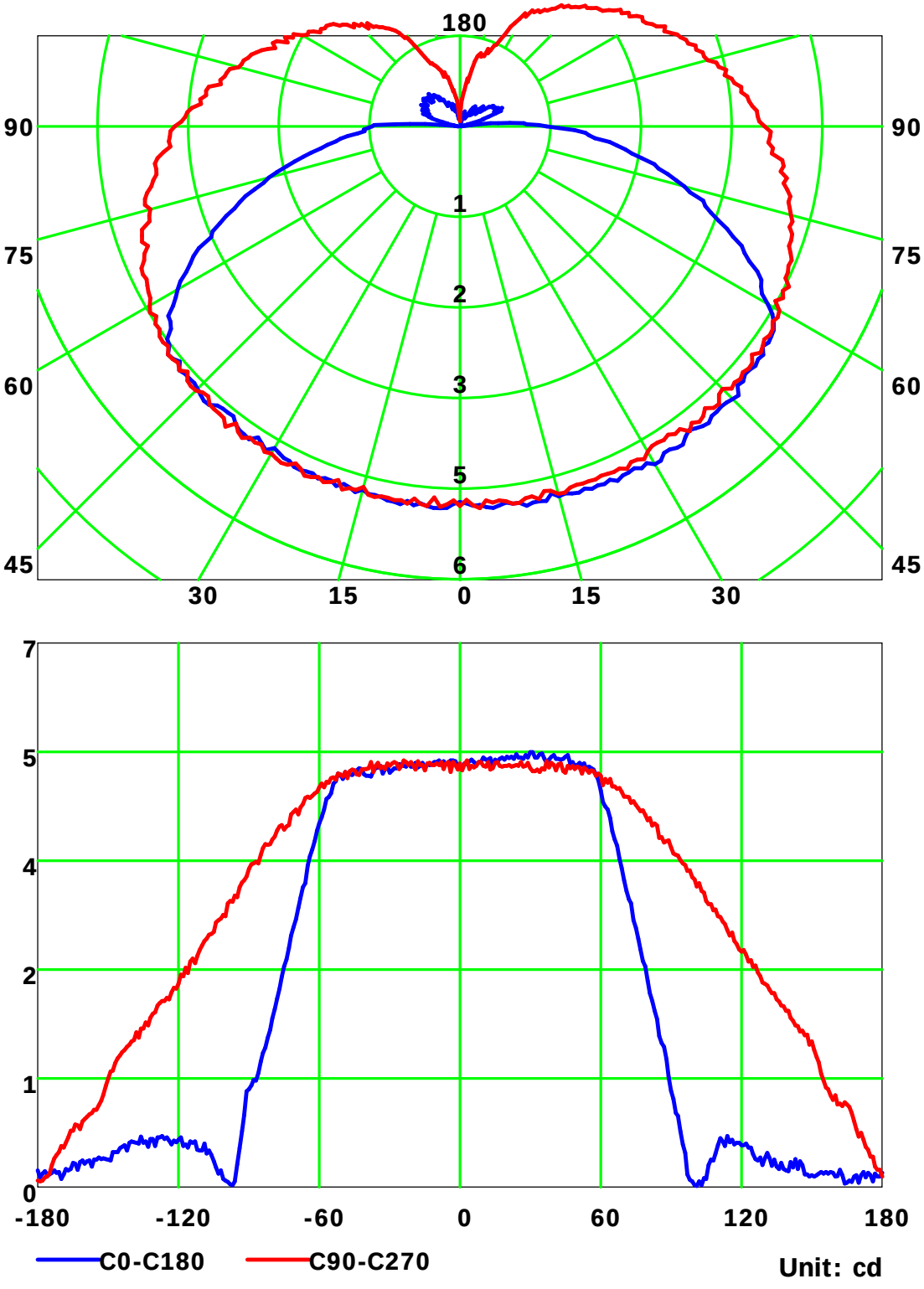
Picture Of Luminaire

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: Nick **Inspector:**

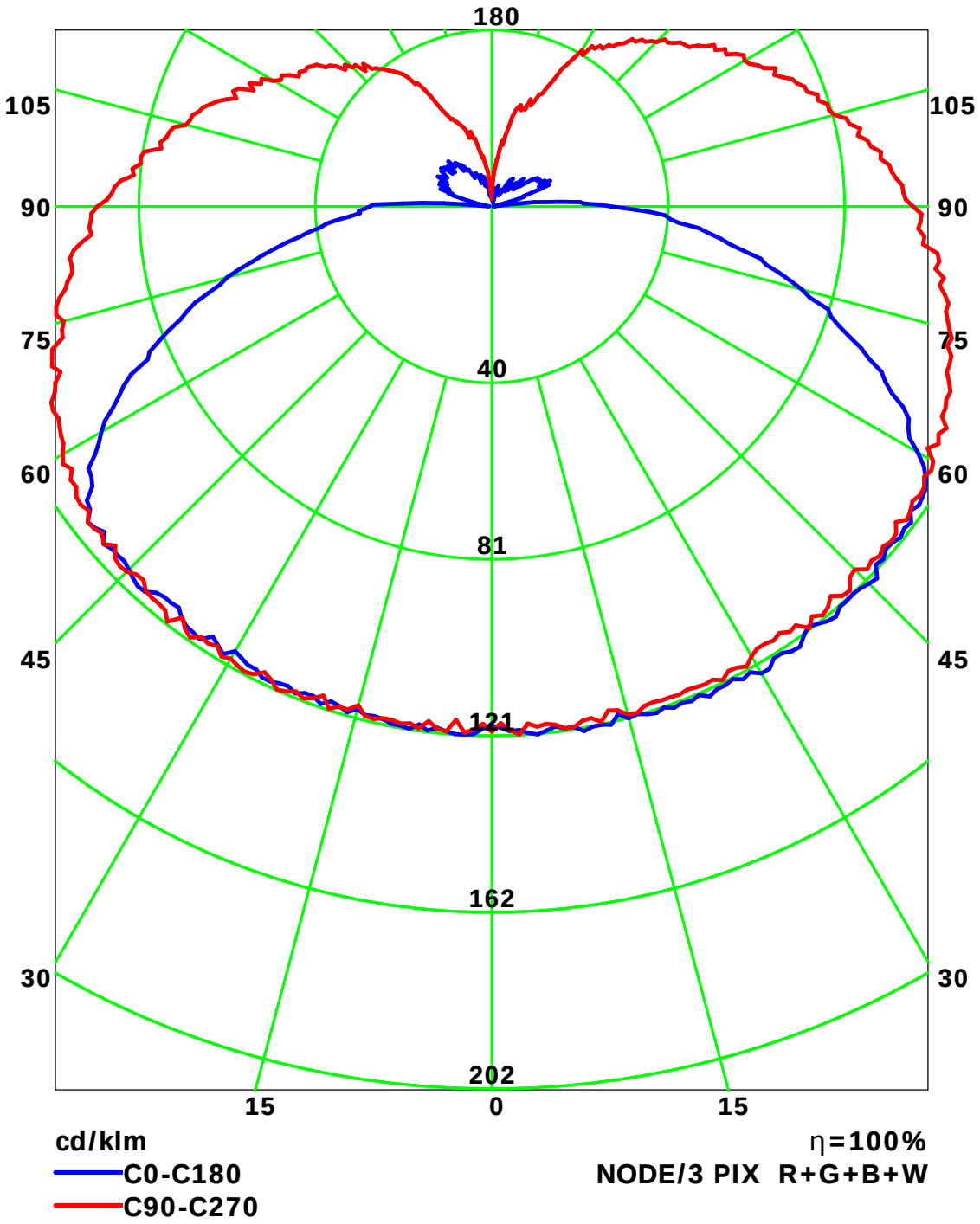
Luminous Intensity Distribution Curve



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

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:
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Gamma Plane (°):0.0-180.0:1.0
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Distance: 9.028 m
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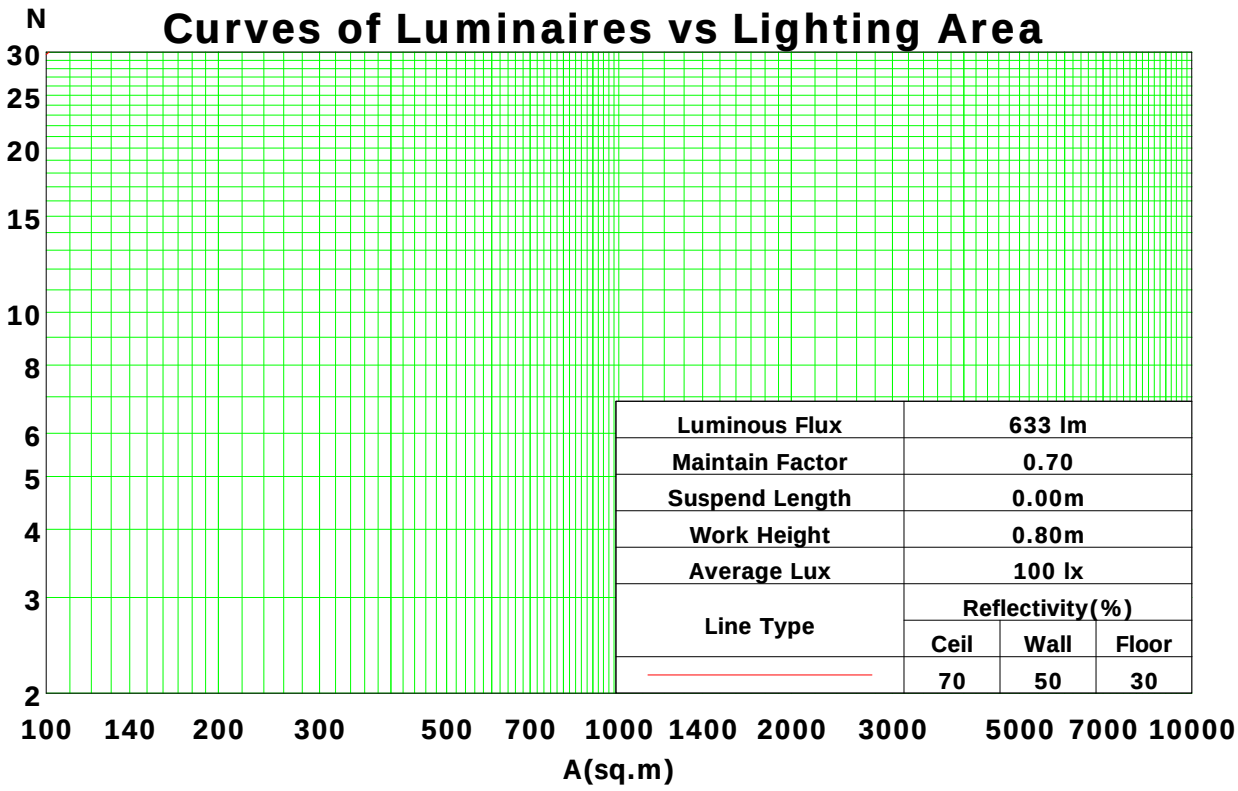
Inspector:

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	111	111	111	111	105	105	105	105	93	93	93	83	83	83	73	73	73	68
1	97	91	85	80	91	85	80	75	75	71	67	66	62	59	57	55	52	48
2	87	77	68	61	81	72	64	58	63	57	52	55	50	46	47	44	40	36
3	78	66	57	49	73	62	53	47	54	47	42	47	42	37	41	36	32	29
4	71	57	48	40	66	54	45	38	47	40	34	41	35	30	35	31	27	23
5	64	51	41	34	60	48	39	32	42	34	29	36	30	26	31	26	22	19
6	59	45	36	29	55	42	34	27	37	30	25	33	27	22	28	23	19	16
7	55	40	31	25	51	38	30	24	34	26	21	29	23	19	26	21	17	14
8	51	36	28	22	47	34	26	21	30	24	19	27	21	17	23	18	15	12
9	47	33	25	19	44	31	24	18	28	21	16	25	19	15	21	17	13	11
10	44	30	22	17	41	29	21	16	26	19	15	23	17	13	20	15	12	10

Spacing Criteria (0-180): 1.53
Spacing Criteria (90-270): 1.52
Spacing Criteria (Diagonal): 1.74

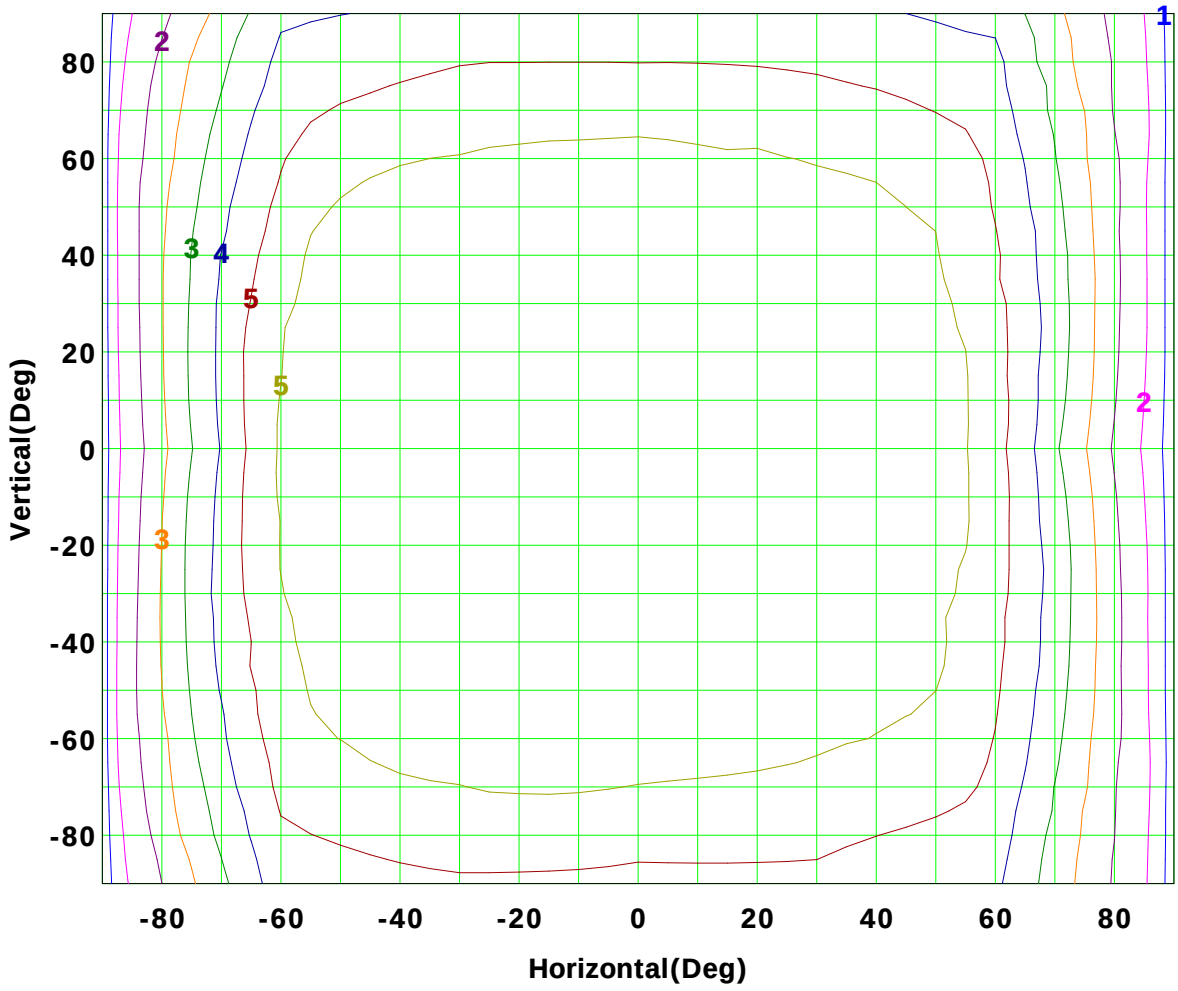
Curves of Luminaires vs Lighting Area



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

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

Isocandela (rectangle)



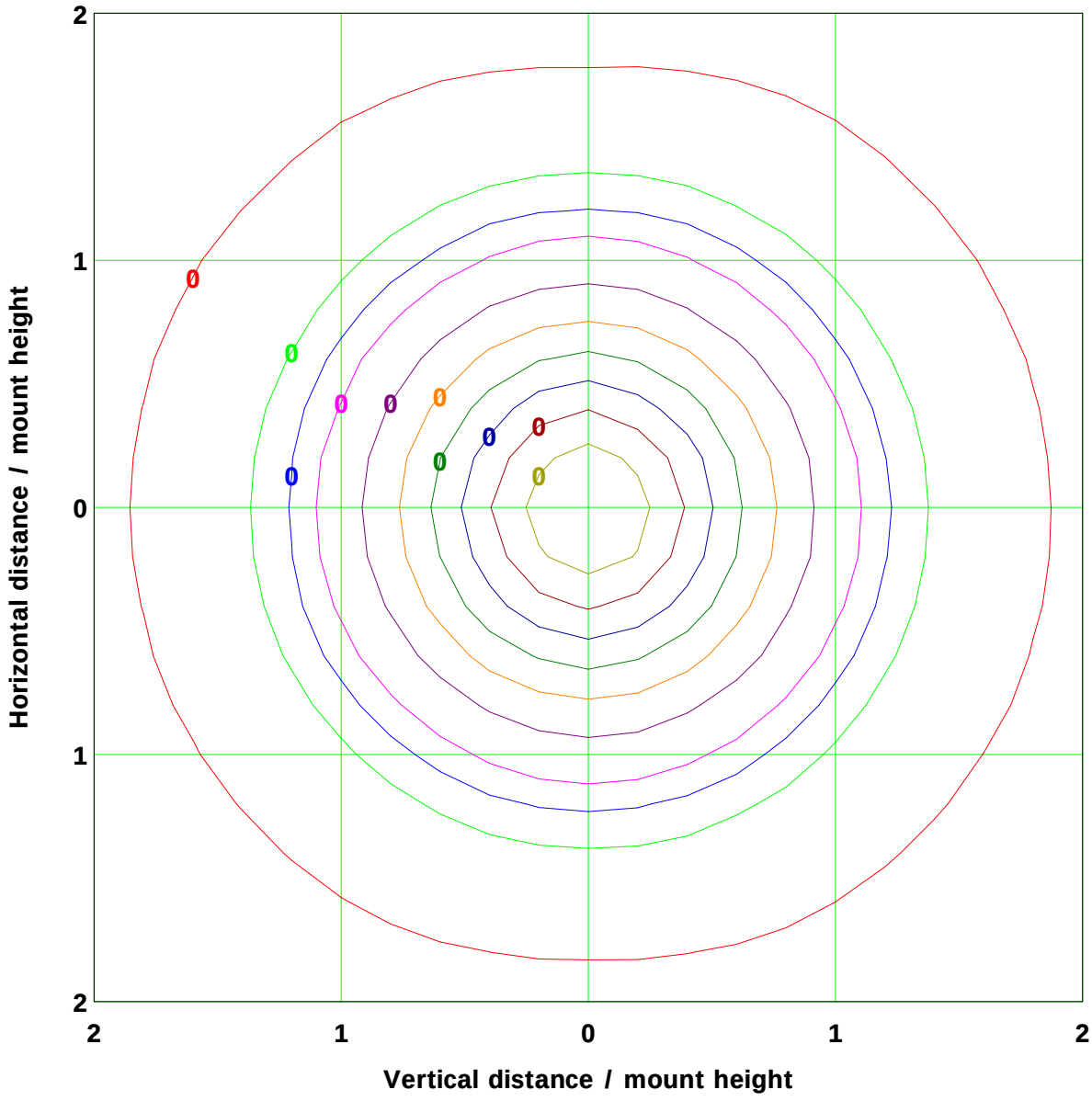
Imax (100%): 6 cd

(10%):	1 cd	(20%):	1 cd
(25%):	1 cd	(30%):	2 cd
(40%):	2 cd	(50%):	3 cd
(60%):	3 cd	(70%):	4 cd
(80%):	5 cd	(90%):	5 cd

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

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%): 0.2 lx

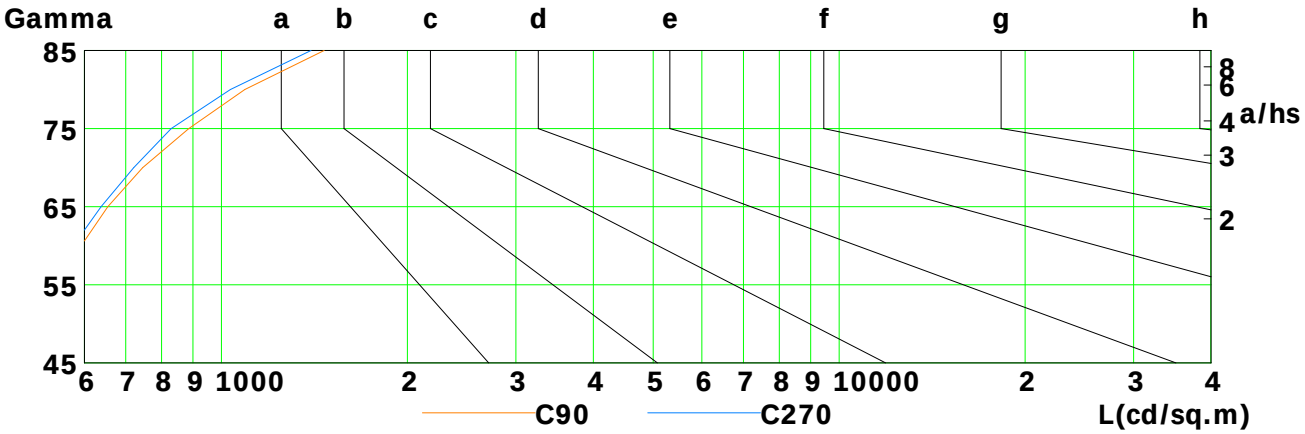
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.2 lx

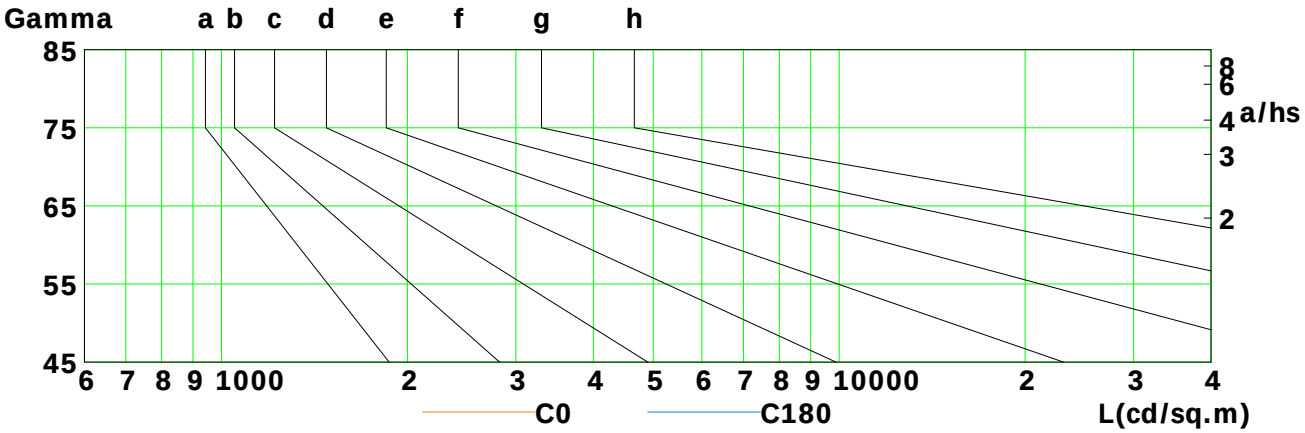
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



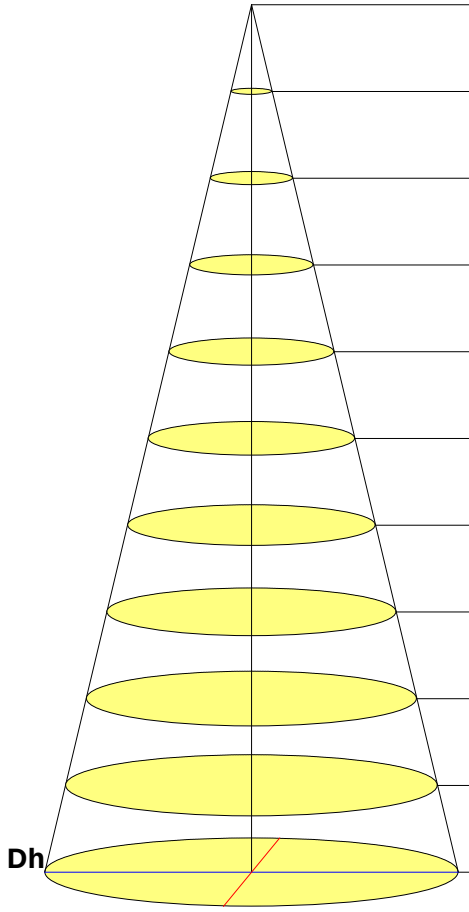


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	353	357	372	369	353	328	304	269	224
C90	455	497	536	592	655	746	886	1092	1468
C180	339	346	348	339	319	287	259	220	187
C270	457	485	529	575	639	721	829	1035	1397

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

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

Illuminance at a Distance



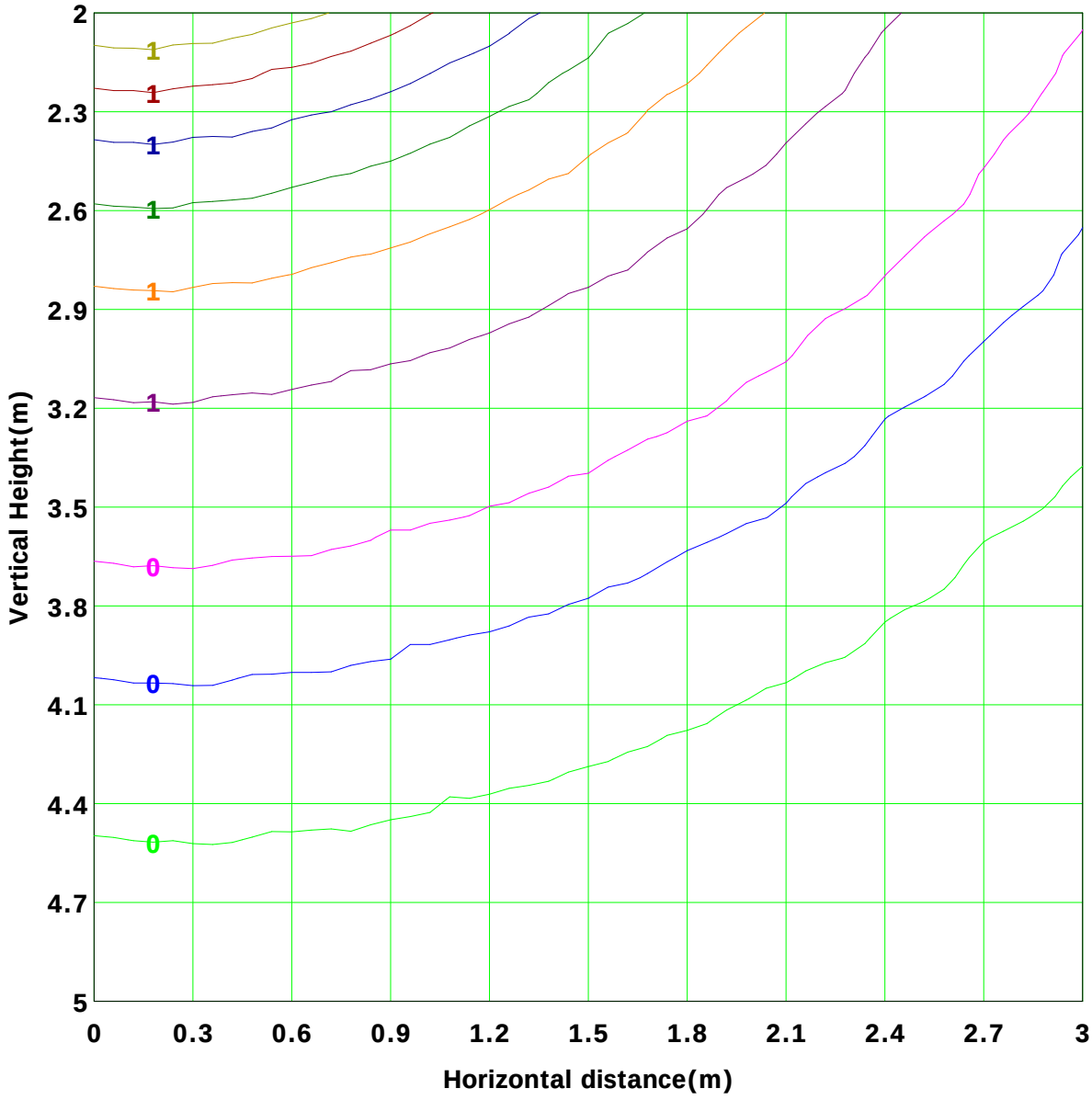
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	5.46	9.00/NA	NA	NA
2.0	1.37	18.01/NA	NA	NA
3.0	0.61	27.01/NA	NA	NA
4.0	0.34	36.01/NA	NA	NA
5.0	0.22	45.02/NA	NA	NA
6.0	0.15	54.02/NA	NA	NA
7.0	0.11	63.02/NA	NA	NA
8.0	0.09	72.03/NA	NA	NA
9.0	0.07	81.03/NA	NA	NA
10.0	0.05	90.03/NA	NA	NA

Beam Angle(B): H155.0 V245.1 Field Angle(F): H188.7 V341.1

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

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: 1.4 lx

(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.3 lx	(30%): 0.4 lx
(40%): 0.6 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 1.0 lx
(80%): 1.1 lx	(90%): 1.2 lx

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

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

Unit: lm

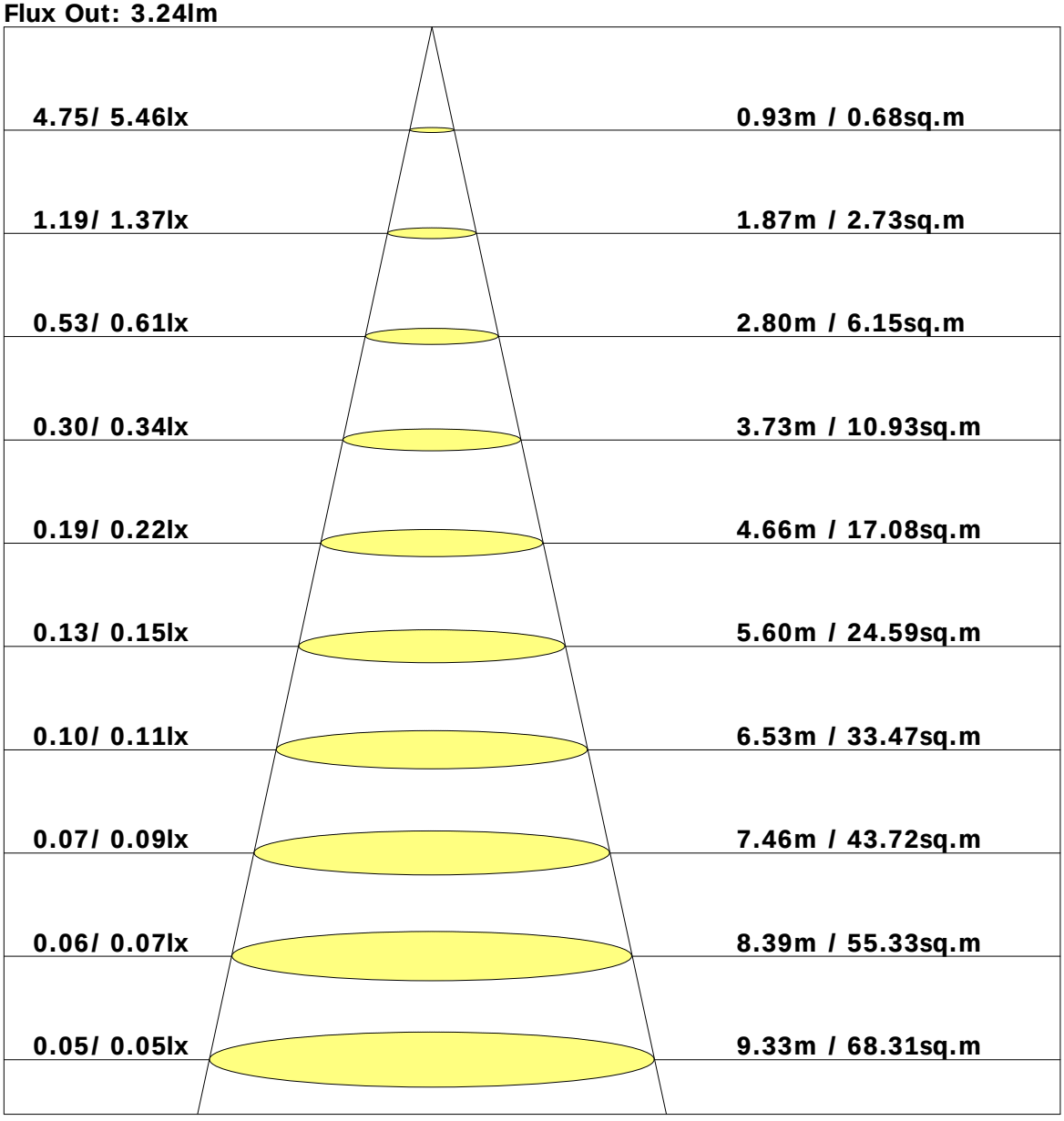
Vertical plane \ Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.4	1.4
-80	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.5	1.5
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.6	1.6
-60	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.7	1.7
-50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
-40	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
-30	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
-20	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
-10	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
10	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
20	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
30	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
40	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.8
60	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.7	1.7
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.6	1.6
80	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	0.0	0.0	1.5	1.5
Flux(T)	0.1	0.4	0.9	1.5	1.9	2.3	2.6	2.8	2.9	2.9	2.8	2.6	2.4	2.0	1.6	1.0	0.5	0.1	31	
Flux(E)	0.1	0.4	0.9	1.5	1.9	2.3	2.6	2.8	2.9	2.9	2.8	2.6	2.4	2.0	1.6	1.0	0.5	0.1		31

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

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: 3.24lm



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

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

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	18.0	19.2	18.8	20.0	21.0	17.1	18.4	17.9	19.2	20.1
3H	20.7	21.8	21.4	22.6	23.6	20.0	21.1	20.8	21.9	22.9
4H	21.8	22.9	22.6	23.7	24.7	21.4	22.5	22.2	23.3	24.3
6H	22.9	23.9	23.7	24.7	25.7	22.8	23.8	23.5	24.6	25.6
8H	23.3	24.3	24.1	25.1	26.2	23.4	24.4	24.2	25.2	26.3
12H	23.7	24.7	24.6	25.5	26.6	24.1	25.0	24.9	25.8	26.9
X=4H Y=2H	18.7	19.8	19.5	20.6	21.6	18.1	19.2	18.9	20.0	21.0
3H	21.7	22.6	22.5	23.5	24.5	21.2	22.1	22.0	22.9	24.0
4H	23.1	23.9	23.9	24.8	25.8	22.7	23.6	23.5	24.4	25.5
6H	24.4	25.1	25.2	26.0	27.0	24.2	25.0	25.0	25.9	26.9
8H	24.9	25.7	25.7	26.5	27.6	25.0	25.7	25.8	26.6	27.6
12H	25.4	26.1	26.3	27.0	28.1	25.7	26.4	26.6	27.3	28.3
X=8H Y=4H	23.7	24.4	24.5	25.2	26.3	23.3	24.1	24.2	24.9	26.0
6H	25.2	25.9	26.1	26.8	27.8	25.1	25.7	26.0	26.6	27.7
8H	26.0	26.6	26.9	27.5	28.6	26.0	26.6	26.9	27.5	28.6
12H	26.7	27.2	27.6	28.1	29.3	26.9	27.4	27.8	28.3	29.5
X=12H Y=4H	23.8	24.4	24.6	25.3	26.4	23.5	24.2	24.3	25.1	26.1
6H	25.5	26.0	26.3	26.9	28.0	25.3	25.9	26.2	26.8	27.9
8H	26.3	26.8	27.2	27.7	28.9	26.3	26.9	27.2	27.7	28.9

Calculate in accordance with CIE 190:2010

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

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	0.86
	0.30		NA	0.42	0.49	0.54	0.62	0.67	0.71	0.77	0.81
	0.20		NA	0.36	0.42	0.47	0.55	0.61	0.66	0.72	0.77
0.50	0.50	0.20	NA	0.45	0.50	0.55	0.61	0.65	0.69	0.73	0.76
	0.30		NA	0.38	0.44	0.48	0.55	0.60	0.63	0.69	0.72
	0.20		NA	0.33	0.38	0.43	0.50	0.55	0.59	0.65	0.69
0.30	0.50	0.20	NA	0.40	0.44	0.48	0.54	0.57	0.60	0.64	0.67
	0.30		NA	0.34	0.39	0.43	0.49	0.53	0.56	0.61	0.64
	0.20		NA	0.29	0.34	0.38	0.45	0.49	0.53	0.58	0.61
0.00	0.00	0.00	NA	0.23	0.27	0.31	0.36	0.39	0.42	0.46	0.49

Rating:3W 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: Nick

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	0.90	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	0.43	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	0.27
	0.20		NA	0.62	0.56	0.52	0.45	0.39	0.35	0.30	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	0.35	0.29	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.24
0.00	0.00	0.00	0.68	0.45	0.41	0.38	0.32	0.29	0.26	0.22	0.19

Rating:3W 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: Nick

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	0.50	0.50	0.51	0.52	0.52	0.52	0.53
	0.30		NA	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49
	0.20		NA	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.46
0.50	0.50	0.20	NA	0.47	0.48	0.49	0.49	0.50	0.50	0.50	0.50
	0.30		NA	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.47
	0.20		NA	0.36	0.37	0.38	0.40	0.41	0.42	0.43	0.44
0.30	0.50	0.20	NA	0.46	0.46	0.47	0.47	0.48	0.48	0.48	0.48
	0.30		NA	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.45
	0.20		NA	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43
0.00	0.00	0.00	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32

Rating:3W 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: Nick

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	5.5	0.0	0.0	0.01	0.01
1.0-2.0	5.5	0.0	0.0	0.03	0.05
2.0-3.0	5.5	0.0	0.0	0.06	0.10
3.0-4.0	5.5	0.0	0.1	0.08	0.18
4.0-5.0	5.5	0.0	0.1	0.10	0.29
5.0-6.0	5.5	0.1	0.2	0.13	0.41
6.0-7.0	5.5	0.1	0.3	0.15	0.56
7.0-8.0	5.5	0.1	0.3	0.17	0.73
8.0-9.0	5.5	0.1	0.4	0.19	0.93
9.0-10.0	5.5	0.1	0.5	0.22	1.15
10.0-11.0	5.5	0.1	0.6	0.24	1.39
11.0-12.0	5.5	0.1	0.8	0.26	1.65
12.0-13.0	5.5	0.1	0.9	0.29	1.94
13.0-14.0	5.5	0.1	1.0	0.31	2.24
14.0-15.0	5.5	0.2	1.2	0.33	2.57
15.0-16.0	5.5	0.2	1.3	0.35	2.93
16.0-17.0	5.5	0.2	1.5	0.38	3.30
17.0-18.0	5.5	0.2	1.7	0.40	3.70
18.0-19.0	5.5	0.2	1.9	0.42	4.12
19.0-20.0	5.5	0.2	2.1	0.44	4.56
20.0-21.0	5.5	0.2	2.3	0.46	5.02
21.0-22.0	5.5	0.2	2.5	0.48	5.51
22.0-23.0	5.5	0.2	2.8	0.50	6.01
23.0-24.0	5.5	0.2	3.0	0.53	6.54
24.0-25.0	5.5	0.3	3.2	0.55	7.08
25.0-26.0	5.5	0.3	3.5	0.57	7.65
26.0-27.0	5.5	0.3	3.8	0.59	8.24
27.0-28.0	5.5	0.3	4.1	0.61	8.85
28.0-29.0	5.5	0.3	4.3	0.63	9.48
29.0-30.0	5.5	0.3	4.6	0.65	10.13
30.0-31.0	5.5	0.3	4.9	0.67	10.80
31.0-32.0	5.5	0.3	5.3	0.69	11.49
32.0-33.0	5.5	0.3	5.6	0.71	12.19
33.0-34.0	5.5	0.3	5.9	0.73	12.92
34.0-35.0	5.5	0.3	6.3	0.75	13.67
35.0-36.0	5.5	0.4	6.6	0.77	14.43

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

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	5.5	0.4	7.0	0.78	15.22
37.0-38.0	5.5	0.4	7.3	0.80	16.01
38.0-39.0	5.5	0.4	7.7	0.82	16.83
39.0-40.0	5.5	0.4	8.1	0.84	17.67
40.0-41.0	5.5	0.4	8.5	0.85	18.52
41.0-42.0	5.5	0.4	8.9	0.87	19.39
42.0-43.0	5.5	0.4	9.3	0.89	20.28
43.0-44.0	5.5	0.4	9.7	0.90	21.18
44.0-45.0	5.5	0.4	10.1	0.92	22.09
45.0-46.0	5.5	0.4	10.5	0.93	23.03
46.0-47.0	5.5	0.4	11.0	0.95	23.97
47.0-48.0	5.4	0.4	11.4	0.96	24.93
48.0-49.0	5.4	0.4	11.9	0.97	25.91
49.0-50.0	5.4	0.5	12.3	0.99	26.90
50.0-51.0	5.4	0.5	12.8	1.00	27.90
51.0-52.0	5.4	0.5	13.2	1.01	28.91
52.0-53.0	5.4	0.5	13.7	1.03	29.94
53.0-54.0	5.4	0.5	14.2	1.04	30.97
54.0-55.0	5.4	0.5	14.7	1.05	32.02
55.0-56.0	5.3	0.5	15.1	1.05	33.07
56.0-57.0	5.3	0.5	15.6	1.06	34.14
57.0-58.0	5.3	0.5	16.1	1.07	35.21
58.0-59.0	5.3	0.5	16.6	1.07	36.28
59.0-60.0	5.2	0.5	17.1	1.08	37.36
60.0-61.0	5.2	0.5	17.6	1.08	38.45
61.0-62.0	5.2	0.5	18.1	1.09	39.53
62.0-63.0	5.1	0.5	18.6	1.09	40.62
63.0-64.0	5.1	0.5	19.1	1.09	41.72
64.0-65.0	5.1	0.5	19.6	1.09	42.81
65.0-66.0	5.0	0.5	20.1	1.09	43.90
66.0-67.0	5.0	0.5	20.6	1.09	44.99
67.0-68.0	4.9	0.5	21.1	1.09	46.08
68.0-69.0	4.9	0.5	21.6	1.08	47.17
69.0-70.0	4.8	0.5	22.1	1.08	48.25
70.0-71.0	4.8	0.5	22.6	1.08	49.32
71.0-72.0	4.7	0.5	23.1	1.07	50.40

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

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	4.7	0.5	23.6	1.07	51.46
73.0-74.0	4.6	0.5	24.0	1.06	52.52
74.0-75.0	4.6	0.5	24.5	1.05	53.58
75.0-76.0	4.5	0.5	25.0	1.05	54.62
76.0-77.0	4.4	0.5	25.5	1.04	55.66
77.0-78.0	4.4	0.5	26.0	1.03	56.68
78.0-79.0	4.3	0.5	26.4	1.02	57.70
79.0-80.0	4.3	0.5	26.9	1.01	58.71
80.0-81.0	4.2	0.5	27.3	1.00	59.70
81.0-82.0	4.2	0.5	27.8	0.98	60.69
82.0-83.0	4.1	0.4	28.2	0.97	61.66
83.0-84.0	4.0	0.4	28.7	0.96	62.62
84.0-85.0	4.0	0.4	29.1	0.95	63.57
85.0-86.0	3.9	0.4	29.5	0.94	64.51
86.0-87.0	3.9	0.4	30.0	0.92	65.44
87.0-88.0	3.8	0.4	30.4	0.91	66.35
88.0-89.0	3.8	0.4	30.8	0.90	67.25
89.0-90.0	3.7	0.4	31.2	0.89	68.14
90.0-91.0	3.7	0.4	31.6	0.88	69.01
91.0-92.0	3.6	0.4	32.0	0.86	69.87
92.0-93.0	3.5	0.4	32.4	0.84	70.72
93.0-94.0	3.5	0.4	32.8	0.83	71.55
94.0-95.0	3.4	0.4	33.1	0.81	72.36
95.0-96.0	3.3	0.4	33.5	0.79	73.15
96.0-97.0	3.3	0.4	33.8	0.78	73.93
97.0-98.0	3.2	0.4	34.2	0.77	74.70
98.0-99.0	3.2	0.3	34.5	0.76	75.45
99.0-100.0	3.1	0.3	34.9	0.74	76.20
100.0-101.0	3.1	0.3	35.2	0.73	76.93
101.0-102.0	3.1	0.3	35.6	0.73	77.66
102.0-103.0	3.1	0.3	35.9	0.72	78.37
103.0-104.0	3.0	0.3	36.2	0.71	79.08
104.0-105.0	3.0	0.3	36.5	0.70	79.78
105.0-106.0	3.0	0.3	36.8	0.69	80.47
106.0-107.0	3.0	0.3	37.2	0.68	81.15
107.0-108.0	2.9	0.3	37.5	0.67	81.82

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

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	2.9	0.3	37.8	0.66	82.48
109.0-110.0	2.9	0.3	38.1	0.65	83.13
110.0-111.0	2.9	0.3	38.4	0.64	83.77
111.0-112.0	2.8	0.3	38.6	0.63	84.40
112.0-113.0	2.8	0.3	38.9	0.61	85.01
113.0-114.0	2.7	0.3	39.2	0.60	85.61
114.0-115.0	2.7	0.3	39.5	0.59	86.20
115.0-116.0	2.7	0.3	39.7	0.58	86.78
116.0-117.0	2.6	0.3	40.0	0.56	87.34
117.0-118.0	2.6	0.2	40.2	0.54	87.88
118.0-119.0	2.5	0.2	40.5	0.53	88.42
119.0-120.0	2.5	0.2	40.7	0.52	88.94
120.0-121.0	2.5	0.2	41.0	0.51	89.45
121.0-122.0	2.4	0.2	41.2	0.49	89.94
122.0-123.0	2.4	0.2	41.4	0.48	90.42
123.0-124.0	2.3	0.2	41.6	0.46	90.88
124.0-125.0	2.3	0.2	41.8	0.45	91.33
125.0-126.0	2.2	0.2	42.0	0.43	91.76
126.0-127.0	2.2	0.2	42.2	0.42	92.19
127.0-128.0	2.2	0.2	42.4	0.41	92.60
128.0-129.0	2.1	0.2	42.6	0.40	92.99
129.0-130.0	2.1	0.2	42.7	0.38	93.38
130.0-131.0	2.0	0.2	42.9	0.37	93.75
131.0-132.0	2.0	0.2	43.1	0.36	94.11
132.0-133.0	2.0	0.2	43.2	0.34	94.45
133.0-134.0	1.9	0.2	43.4	0.33	94.78
134.0-135.0	1.9	0.1	43.5	0.32	95.10
135.0-136.0	1.8	0.1	43.7	0.31	95.40
136.0-137.0	1.8	0.1	43.8	0.30	95.70
137.0-138.0	1.7	0.1	43.9	0.28	95.98
138.0-139.0	1.7	0.1	44.1	0.27	96.25
139.0-140.0	1.7	0.1	44.2	0.26	96.51
140.0-141.0	1.6	0.1	44.3	0.25	96.76
141.0-142.0	1.6	0.1	44.4	0.24	97.00
142.0-143.0	1.6	0.1	44.5	0.23	97.23
143.0-144.0	1.5	0.1	44.6	0.22	97.45

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

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	1.5	0.1	44.7	0.21	97.65
145.0-146.0	1.5	0.1	44.8	0.20	97.85
146.0-147.0	1.4	0.1	44.9	0.19	98.04
147.0-148.0	1.4	0.1	45.0	0.17	98.21
148.0-149.0	1.3	0.1	45.0	0.16	98.37
149.0-150.0	1.2	0.1	45.1	0.15	98.52
150.0-151.0	1.2	0.1	45.2	0.14	98.66
151.0-152.0	1.1	0.1	45.2	0.13	98.79
152.0-153.0	1.1	0.1	45.3	0.12	98.91
153.0-154.0	1.0	0.1	45.3	0.11	99.02
154.0-155.0	1.0	0.0	45.4	0.10	99.12
155.0-156.0	1.0	0.0	45.4	0.10	99.22
156.0-157.0	0.9	0.0	45.5	0.09	99.31
157.0-158.0	0.9	0.0	45.5	0.08	99.39
158.0-159.0	0.9	0.0	45.5	0.08	99.47
159.0-160.0	0.8	0.0	45.6	0.07	99.54
160.0-161.0	0.8	0.0	45.6	0.06	99.60
161.0-162.0	0.8	0.0	45.6	0.06	99.66
162.0-163.0	0.7	0.0	45.6	0.05	99.71
163.0-164.0	0.7	0.0	45.7	0.05	99.76
164.0-165.0	0.7	0.0	45.7	0.04	99.80
165.0-166.0	0.6	0.0	45.7	0.04	99.84
166.0-167.0	0.6	0.0	45.7	0.03	99.87
167.0-168.0	0.5	0.0	45.7	0.03	99.90
168.0-169.0	0.5	0.0	45.7	0.02	99.92
169.0-170.0	0.4	0.0	45.8	0.02	99.94
170.0-171.0	0.4	0.0	45.8	0.01	99.95
171.0-172.0	0.3	0.0	45.8	0.01	99.97
172.0-173.0	0.3	0.0	45.8	0.01	99.98
173.0-174.0	0.3	0.0	45.8	0.01	99.98
174.0-175.0	0.3	0.0	45.8	0.01	99.99
175.0-176.0	0.2	0.0	45.8	0.00	99.99
176.0-177.0	0.2	0.0	45.8	0.00	100.00
177.0-178.0	0.2	0.0	45.8	0.00	100.00
178.0-179.0	0.2	0.0	45.8	0.00	100.00
179.0-180.0	0.2	0.0	45.8	0.00	100.00

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

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