ACOLYTE
https://www.genledbrands.com/
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Report No.: **Test Time: 2020/12/23 16:57**

Luminaire Property

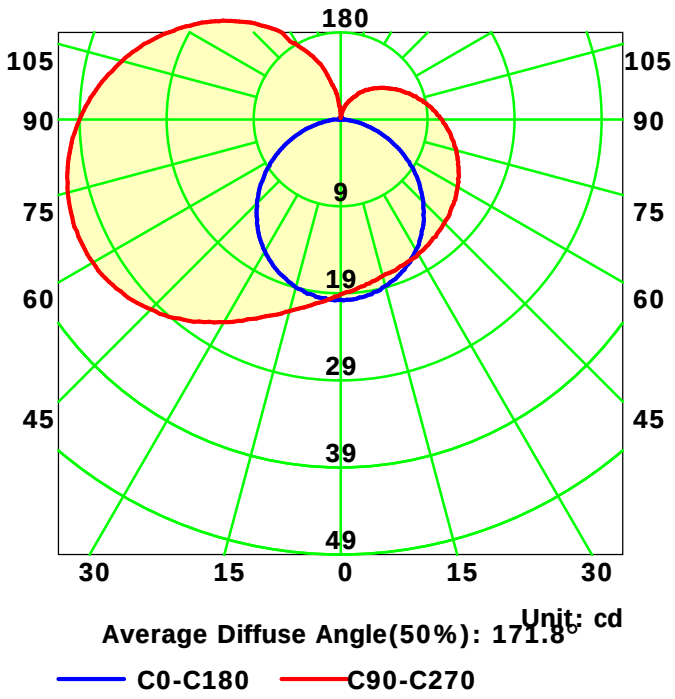
Luminaire Manufacturer:
Luminaire Category: Contour Plus 5.0
Luminaire Description: NEON+RB0VWS2205.0VW-10N
Lamp Catalog: 10N-2200+6100 **Lamp Description: 3527 2in1**
Number of Lamps: 140/M **Luminous Length (mm): 500**
Luminous Width (mm): 10 **Luminous Height (mm): 23**
Voltage: 24.0 V **Current: 0.357 A**
Power: 8.56 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 155.8 lm**
Measurement Flux: 155.8 lm **Efficiency: 100%**
Downward Ratio: 68% **Upward Ratio: 32%**
Horizontal Diffuse Angle(10%,50%): H161.4,H110
Vertical Diffuse Angle(10%,50%): V328.1,V233.5
Luminaire Efficacy Rating (LER): 18 **Central Intensity: 20.68 cd**
Max. Intensity: 32.96 cd **Pos of Max. Intensity: H270 V65**

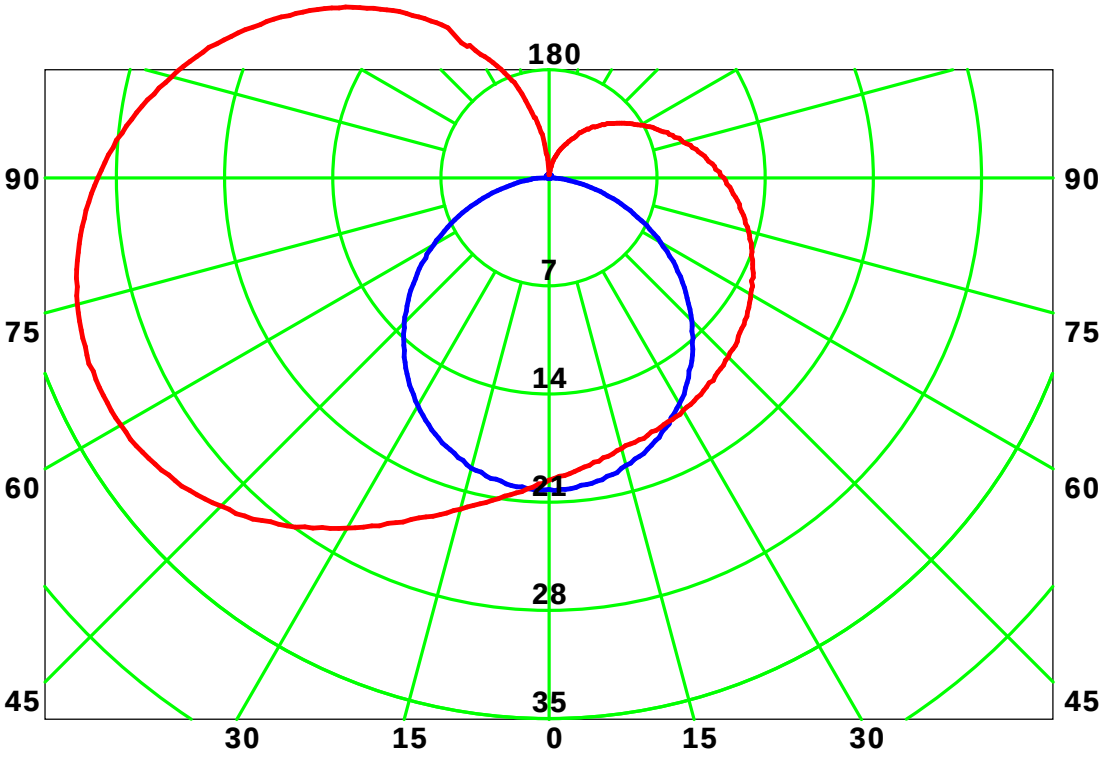
Picture Of Luminaire

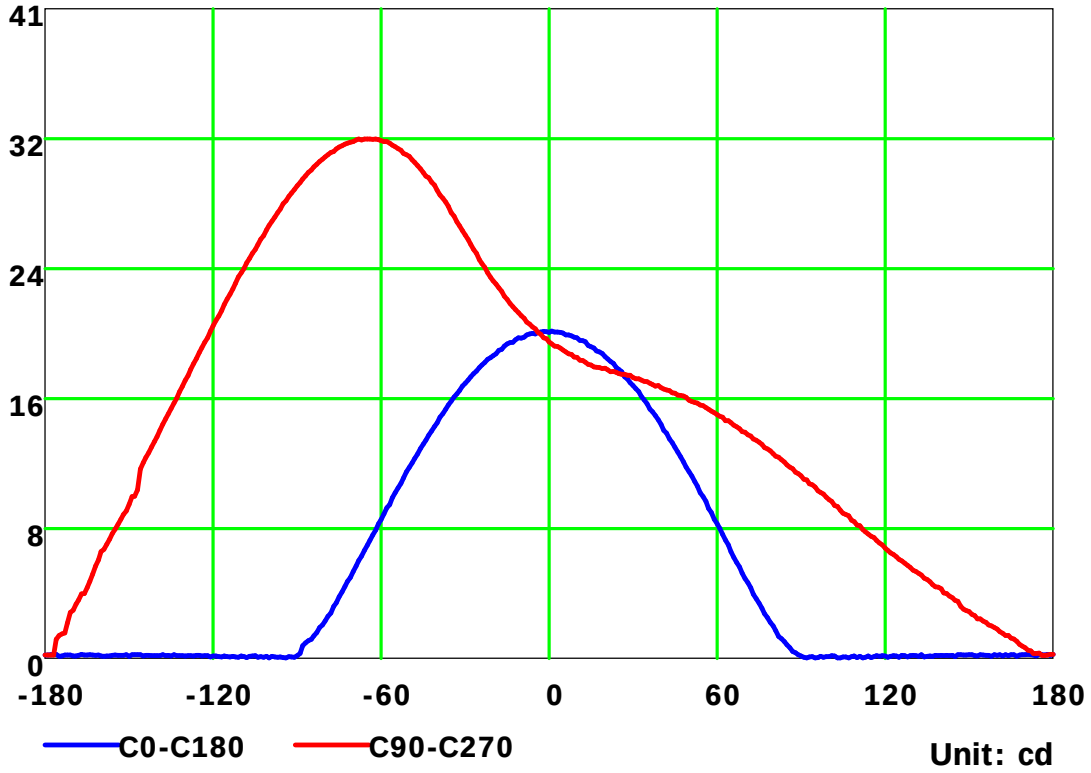
Luminous Intensity Distribution Curve



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





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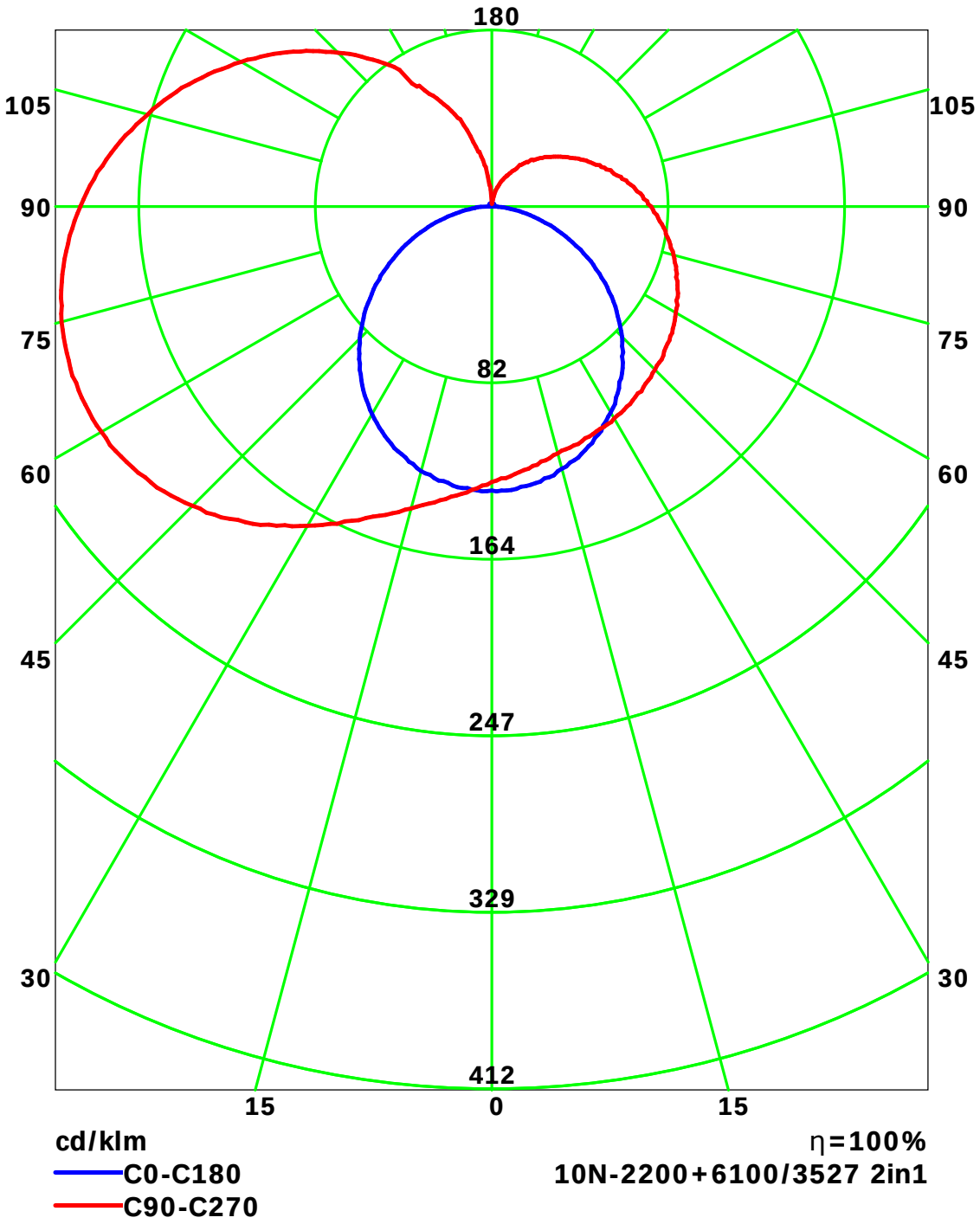
Temperature: 25
Operator: Nick

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:
Test Type: TYPE C
Temperature: 25
Operator: Nick

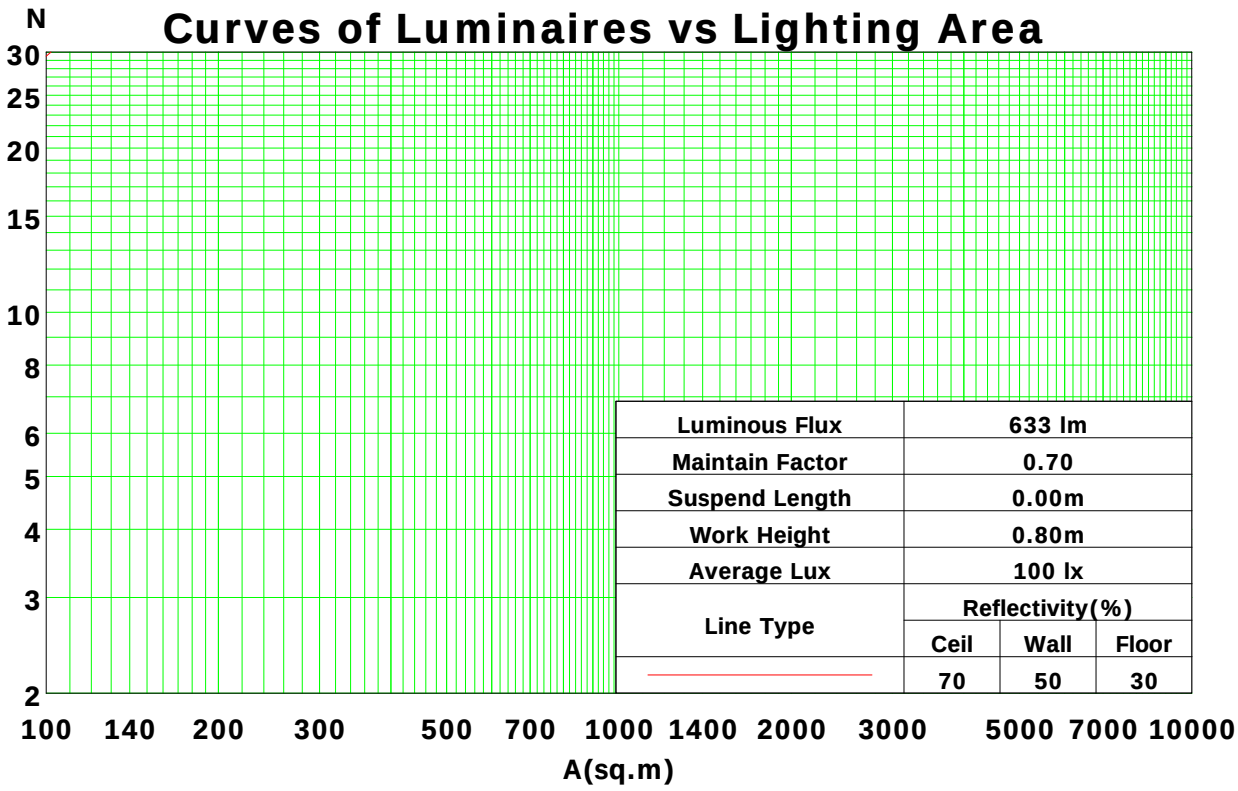
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	86	80	76	75	71	68	66	63	60	57	55	53	48
2	87	77	69	62	81	72	65	59	64	58	53	55	51	47	48	44	41	37
3	78	66	57	50	73	62	54	47	55	48	42	48	42	38	41	37	33	29
4	71	58	48	41	66	54	46	39	48	41	35	42	36	31	36	31	27	24
5	65	51	41	34	60	48	39	33	42	35	29	37	31	26	32	27	23	20
6	60	45	36	29	55	43	34	28	38	31	25	33	27	22	29	24	20	17
7	55	41	32	25	51	39	30	24	34	27	22	30	24	20	26	21	17	15
8	51	37	28	22	48	35	27	21	31	24	19	27	21	17	24	19	15	13
9	47	34	25	20	44	32	24	19	28	22	17	25	19	15	22	17	14	11
10	44	31	23	17	41	29	22	17	26	20	15	23	18	14	20	16	12	10

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.75
Spacing Criteria (Diagonal): 1.65

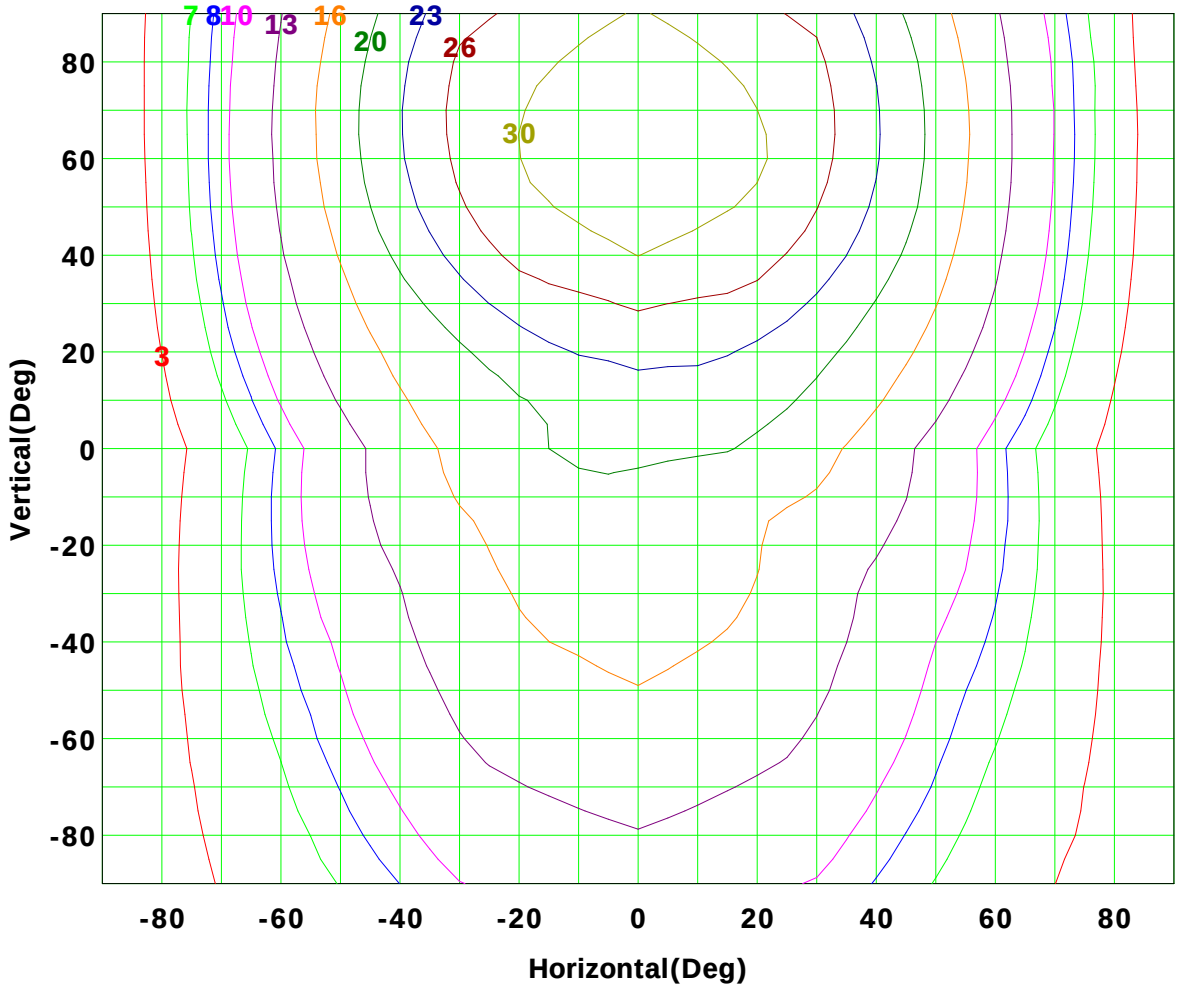
Curves of Luminaires vs Lighting Area



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)



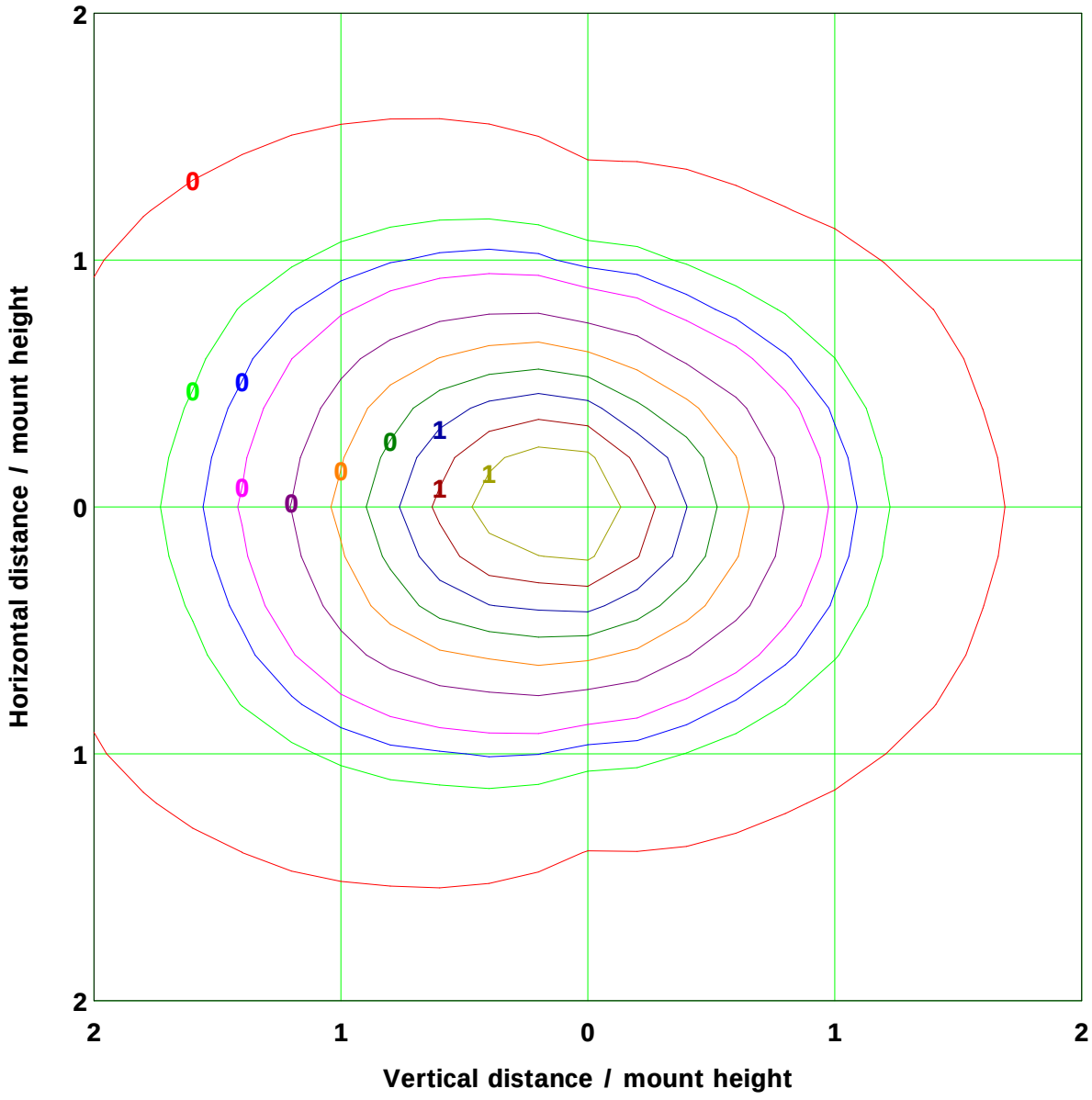
Imax (100%): 33 cd

(10%):	3 cd	(20%):	7 cd
(25%):	8 cd	(30%):	10 cd
(40%):	13 cd	(50%):	16 cd
(60%):	20 cd	(70%):	23 cd
(80%):	26 cd	(90%):	30 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%): 0.8 lx

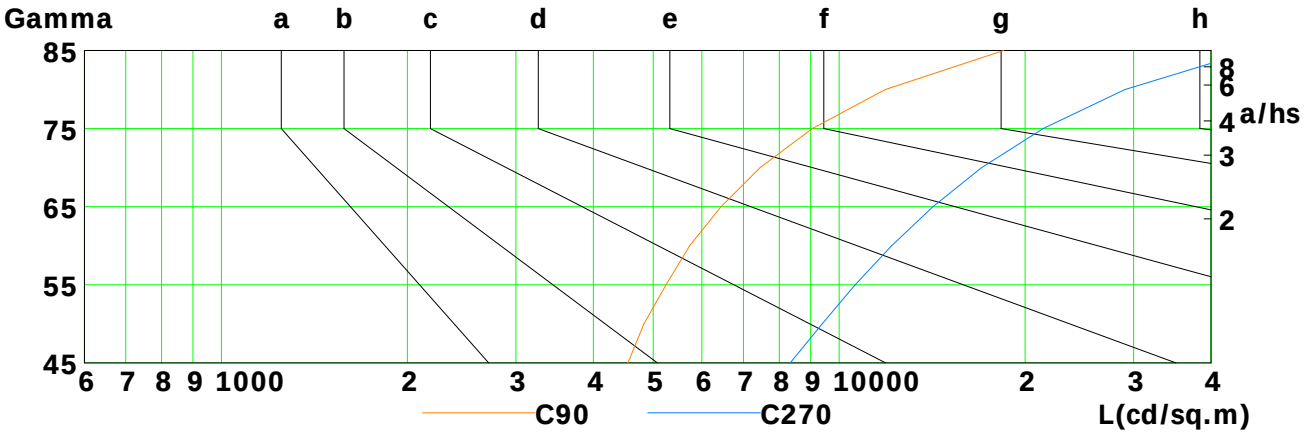
(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.4 lx
(60%): 0.5 lx	(70%): 0.6 lx
(80%): 0.7 lx	(90%): 0.7 lx

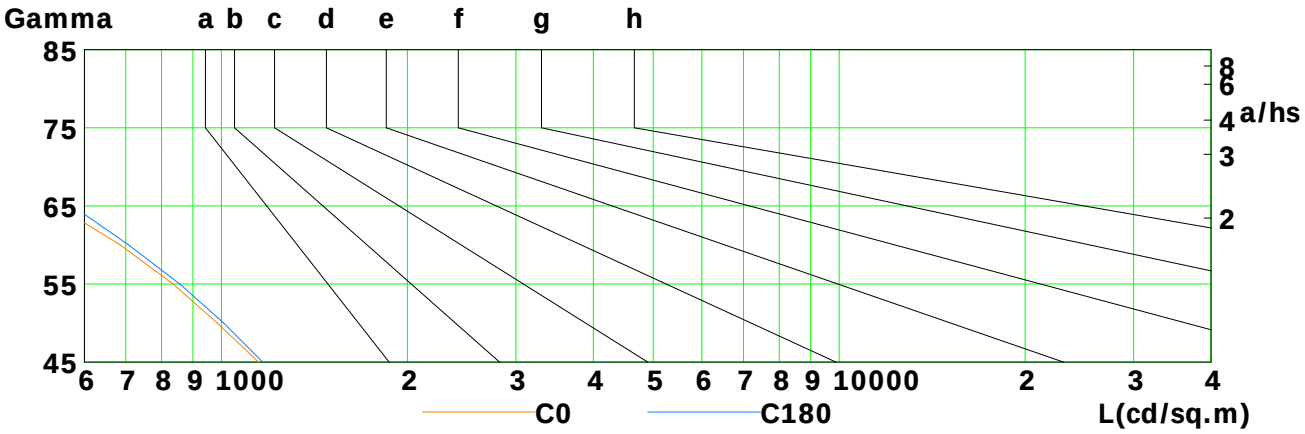
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



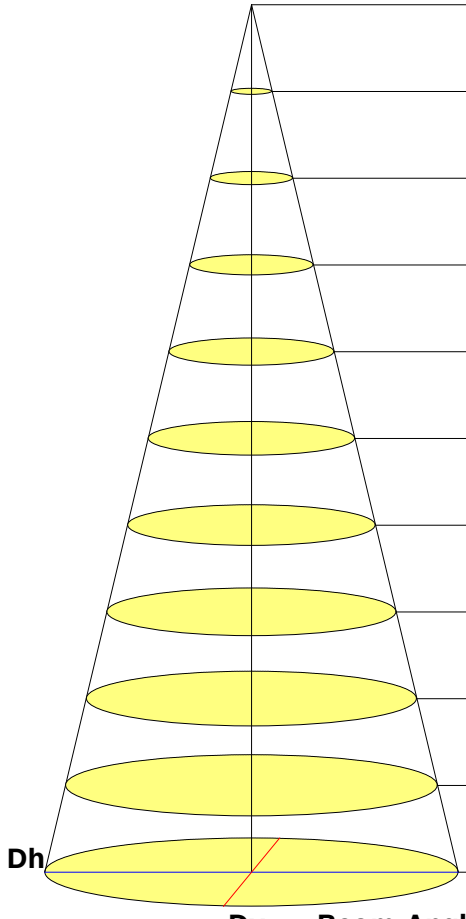


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1149	986	836	686	541	407	284	171	75
C90	4551	4835	5248	5731	6444	7450	9049	11875	18469
C180	1167	1009	857	708	574	441	316	196	103
C270	8331	9395	10621	12163	14193	17018	21395	29048	46593

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



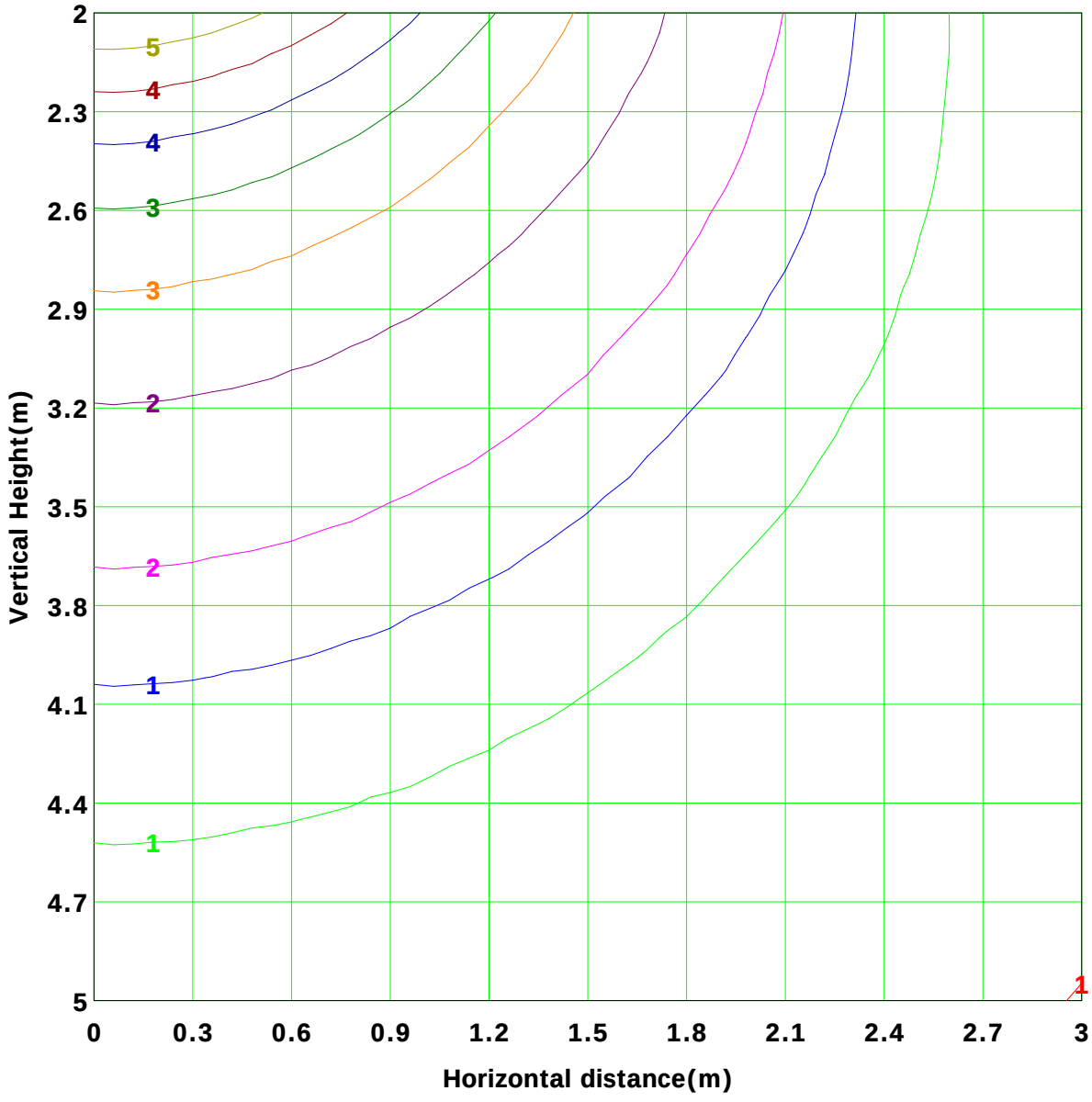
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	20.68	2.86/NA	NA	NA
2.0	5.17	5.72/NA	NA	NA
3.0	2.30	8.58/NA	NA	NA
4.0	1.29	11.44/NA	NA	NA
5.0	0.83	14.29/NA	NA	NA
6.0	0.57	17.15/NA	NA	NA
7.0	0.42	20.01/NA	NA	NA
8.0	0.32	22.87/NA	NA	NA
9.0	0.26	25.73/NA	NA	NA
10.0	0.21	28.59/NA	NA	NA

Beam Angle(B): H110.0 V233.5 Field Angle(F): H161.4 V328.1

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: 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: Nick

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

GEN LED acolyte Architectural Lighting Solutions

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Area Flux Table

Unit: lm

Vertical plane (rows) / Horizontal plane (columns)

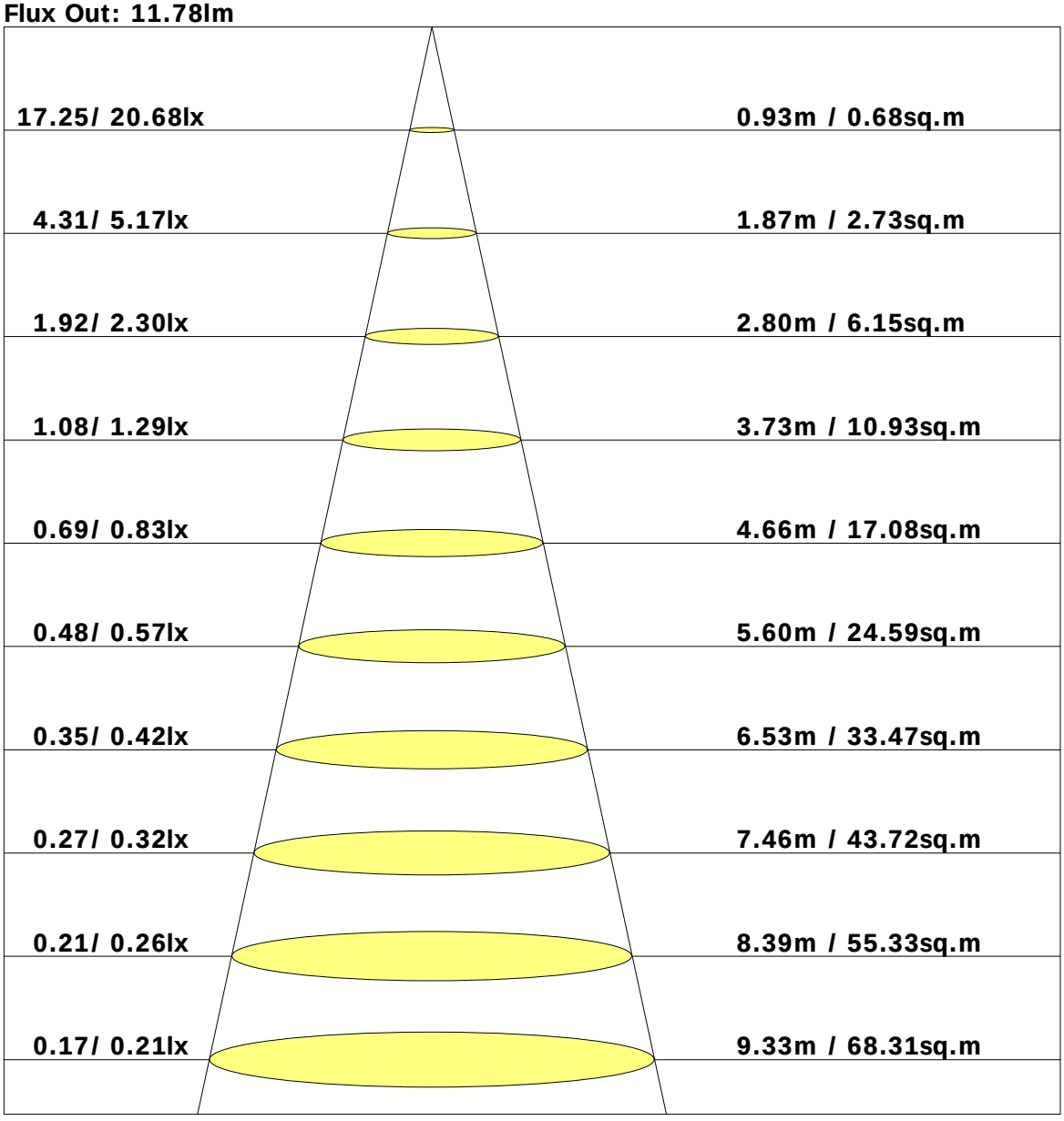
Vertical \ Horizontal	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90 Flux(T)	Flux(E)
-90	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0	8.0	8.0
-80	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.1	0.1	0.0	8.4	8.4
-70	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.1	0.0	8.5	8.5
-60	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.1	0.1	0.0	8.4	8.4
-50	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0	8.0	8.0
-40	0.0	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.3	0.1	0.1	0.0	7.4	7.4
-30	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	6.7	6.7
-20	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	6.1	6.1
-10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.6	5.6
0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.3	5.2
10	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.0	5.0
20	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.0	4.8	4.8
30	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.0	0.0	4.6	4.6
40	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	4.4	4.4
50	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.2	4.2
60	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	3.9	3.9
70	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.6	3.5
80	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	3.2	3.1
90 Flux(T)	0.1	0.8	2.0	3.7	5.7	7.9	9.9	11.2	12.0	12.0	11.2	9.8	7.8	5.7	3.6	1.9	0.7	0.1	106	
Flux(E)	0.0	0.7	2.0	3.7	5.7	7.9	9.9	11.2	12.0	12.0	11.2	9.8	7.8	5.7	3.6	1.9	0.6	0.0		106

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: 11.78lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	17.25/ 20.68lx		0.93m / 0.68sq.m
2.0m	4.31/ 5.17lx		1.87m / 2.73sq.m
3.0m	1.92/ 2.30lx		2.80m / 6.15sq.m
4.0m	1.08/ 1.29lx		3.73m / 10.93sq.m
5.0m	0.69/ 0.83lx		4.66m / 17.08sq.m
6.0m	0.48/ 0.57lx		5.60m / 24.59sq.m
7.0m	0.35/ 0.42lx		6.53m / 33.47sq.m
8.0m	0.27/ 0.32lx		7.46m / 43.72sq.m
9.0m	0.21/ 0.26lx		8.39m / 55.33sq.m
10.0m	0.17/ 0.21lx		9.33m / 68.31sq.m

C Plane (°):0.0-360.0: 30.0
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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	17.6	18.8	18.4	19.6	20.6	16.4	17.6	17.1	18.4	19.4
3H	19.5	20.6	20.3	21.5	22.5	18.8	19.9	19.6	20.7	21.7
4H	20.3	21.3	21.1	22.1	23.2	19.9	21.0	20.7	21.8	22.8
6H	20.8	21.8	21.6	22.6	23.7	21.0	22.0	21.8	22.9	23.9
8H	21.0	21.9	21.8	22.8	23.8	21.6	22.5	22.4	23.4	24.4
12H	21.1	22.0	21.9	22.9	23.9	22.1	23.0	22.9	23.8	24.9
X=4H Y=2H	18.7	19.8	19.5	20.6	21.6	17.0	18.0	17.7	18.8	19.8
3H	20.9	21.8	21.7	22.7	23.7	19.7	20.6	20.5	21.4	22.5
4H	21.8	22.7	22.6	23.5	24.6	21.0	21.8	21.8	22.7	23.7
6H	22.6	23.3	23.4	24.2	25.3	22.3	23.0	23.1	23.9	25.0
8H	22.9	23.6	23.7	24.4	25.5	22.9	23.6	23.7	24.5	25.6
12H	23.1	23.7	23.9	24.6	25.7	23.5	24.2	24.4	25.1	26.1
X=8H Y=4H	22.7	23.5	23.6	24.3	25.4	21.3	22.1	22.2	22.9	24.0
6H	23.8	24.4	24.7	25.3	26.4	22.8	23.5	23.7	24.4	25.5
8H	24.3	24.8	25.1	25.7	26.8	23.6	24.2	24.5	25.1	26.2
12H	24.6	25.2	25.5	26.0	27.2	24.4	24.9	25.3	25.8	27.0
X=12H Y=4H	23.0	23.7	23.8	24.5	25.6	21.4	22.0	22.2	22.9	24.0
6H	24.2	24.8	25.1	25.7	26.8	23.0	23.5	23.8	24.4	25.5
8H	24.8	25.3	25.7	26.2	27.3	23.8	24.3	24.7	25.2	26.4

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	0.58	0.63	0.70	0.75	0.78	0.83	0.87
	0.30		NA	0.43	0.50	0.55	0.62	0.68	0.72	0.78	0.82
	0.20		NA	0.37	0.43	0.48	0.56	0.62	0.66	0.73	0.77
0.50	0.50	0.20	NA	0.46	0.51	0.55	0.62	0.66	0.69	0.74	0.76
	0.30		NA	0.39	0.45	0.49	0.56	0.60	0.64	0.69	0.73
	0.20		NA	0.34	0.39	0.44	0.51	0.56	0.60	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	0.35	0.40	0.44	0.49	0.54	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	0.32	0.37	0.40	0.43	0.47	0.50

Rating:9W 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	0.88	0.78	0.69	0.58	0.50	0.44	0.35	0.30
	0.30		NA	0.76	0.68	0.61	0.52	0.45	0.40	0.33	0.28
	0.20		NA	0.66	0.60	0.55	0.48	0.42	0.38	0.31	0.27
0.50	0.50	0.20	NA	0.80	0.70	0.63	0.52	0.47	0.40	0.32	0.27
	0.30		NA	0.69	0.62	0.56	0.48	0.42	0.37	0.30	0.26
	0.20		NA	0.61	0.55	0.51	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.72	0.63	0.56	0.47	0.41	0.36	0.29	0.25
	0.30		NA	0.63	0.56	0.51	0.43	0.38	0.34	0.28	0.24
	0.20		NA	0.56	0.51	0.47	0.40	0.36	0.32	0.27	0.23
0.00	0.00	0.00	0.68	0.44	0.40	0.37	0.32	0.28	0.25	0.21	0.18

Rating:9W 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	0.52
	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	0.41	0.42	0.43	0.45	0.46
0.50	0.50	0.20	NA	0.47	0.48	0.48	0.49	0.49	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:9W 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	20.2	0.0	0.0	0.01	0.01
1.0-2.0	20.2	0.1	0.1	0.04	0.05
2.0-3.0	20.2	0.1	0.2	0.06	0.11
3.0-4.0	20.2	0.1	0.3	0.09	0.20
4.0-5.0	20.2	0.2	0.5	0.11	0.31
5.0-6.0	20.2	0.2	0.7	0.14	0.45
6.0-7.0	20.2	0.3	0.9	0.16	0.61
7.0-8.0	20.2	0.3	1.2	0.19	0.79
8.0-9.0	20.2	0.3	1.6	0.21	1.00
9.0-10.0	20.2	0.4	1.9	0.23	1.24
10.0-11.0	20.1	0.4	2.3	0.26	1.49
11.0-12.0	20.1	0.4	2.8	0.28	1.78
12.0-13.0	20.1	0.5	3.2	0.31	2.08
13.0-14.0	20.1	0.5	3.8	0.33	2.41
14.0-15.0	20.1	0.6	4.3	0.35	2.77
15.0-16.0	20.1	0.6	4.9	0.38	3.14
16.0-17.0	20.0	0.6	5.5	0.40	3.54
17.0-18.0	20.0	0.7	6.2	0.42	3.97
18.0-19.0	20.0	0.7	6.9	0.45	4.41
19.0-20.0	20.0	0.7	7.6	0.47	4.88
20.0-21.0	20.0	0.8	8.4	0.49	5.38
21.0-22.0	19.9	0.8	9.2	0.51	5.89
22.0-23.0	19.9	0.8	10.0	0.54	6.43
23.0-24.0	19.9	0.9	10.9	0.56	6.99
24.0-25.0	19.9	0.9	11.8	0.58	7.56
25.0-26.0	19.8	0.9	12.7	0.60	8.17
26.0-27.0	19.8	1.0	13.7	0.62	8.79
27.0-28.0	19.8	1.0	14.7	0.64	9.43
28.0-29.0	19.7	1.0	15.7	0.66	10.09
29.0-30.0	19.7	1.1	16.8	0.68	10.78
30.0-31.0	19.7	1.1	17.9	0.70	11.48
31.0-32.0	19.7	1.1	19.0	0.72	12.20
32.0-33.0	19.6	1.2	20.2	0.74	12.95
33.0-34.0	19.6	1.2	21.4	0.76	13.71
34.0-35.0	19.5	1.2	22.6	0.78	14.49
35.0-36.0	19.5	1.2	23.8	0.80	15.28

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	19.4	1.3	25.1	0.81	16.10
37.0-38.0	19.4	1.3	26.4	0.83	16.93
38.0-39.0	19.3	1.3	27.7	0.85	17.77
39.0-40.0	19.3	1.3	29.0	0.86	18.63
40.0-41.0	19.2	1.4	30.4	0.88	19.51
41.0-42.0	19.1	1.4	31.8	0.89	20.41
42.0-43.0	19.1	1.4	33.2	0.91	21.31
43.0-44.0	19.0	1.4	34.6	0.92	22.23
44.0-45.0	18.9	1.5	36.1	0.93	23.16
45.0-46.0	18.8	1.5	37.6	0.95	24.11
46.0-47.0	18.7	1.5	39.1	0.96	25.07
47.0-48.0	18.7	1.5	40.6	0.97	26.04
48.0-49.0	18.6	1.5	42.1	0.98	27.02
49.0-50.0	18.5	1.5	43.6	0.99	28.01
50.0-51.0	18.4	1.6	45.2	1.00	29.00
51.0-52.0	18.3	1.6	46.8	1.01	30.01
52.0-53.0	18.2	1.6	48.3	1.01	31.03
53.0-54.0	18.1	1.6	49.9	1.02	32.05
54.0-55.0	18.0	1.6	51.5	1.03	33.08
55.0-56.0	17.9	1.6	53.1	1.04	34.11
56.0-57.0	17.7	1.6	54.8	1.04	35.15
57.0-58.0	17.6	1.6	56.4	1.04	36.20
58.0-59.0	17.5	1.6	58.0	1.05	37.25
59.0-60.0	17.3	1.6	59.7	1.05	38.30
60.0-61.0	17.2	1.6	61.3	1.05	39.35
61.0-62.0	17.1	1.6	62.9	1.06	40.41
62.0-63.0	16.9	1.6	64.6	1.06	41.46
63.0-64.0	16.8	1.6	66.2	1.06	42.52
64.0-65.0	16.6	1.6	67.9	1.06	43.57
65.0-66.0	16.5	1.6	69.5	1.05	44.63
66.0-67.0	16.3	1.6	71.2	1.05	45.68
67.0-68.0	16.2	1.6	72.8	1.05	46.73
68.0-69.0	16.0	1.6	74.4	1.05	47.78
69.0-70.0	15.8	1.6	76.1	1.04	48.83
70.0-71.0	15.7	1.6	77.7	1.04	49.87
71.0-72.0	15.5	1.6	79.3	1.04	50.90

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	15.3	1.6	80.9	1.03	51.93
73.0-74.0	15.2	1.6	82.5	1.02	52.96
74.0-75.0	15.0	1.6	84.1	1.02	53.97
75.0-76.0	14.8	1.6	85.7	1.01	54.98
76.0-77.0	14.7	1.6	87.2	1.00	55.99
77.0-78.0	14.5	1.5	88.8	0.99	56.98
78.0-79.0	14.3	1.5	90.3	0.99	57.97
79.0-80.0	14.2	1.5	91.8	0.98	58.95
80.0-81.0	14.0	1.5	93.3	0.97	59.92
81.0-82.0	13.8	1.5	94.8	0.96	60.88
82.0-83.0	13.6	1.5	96.3	0.95	61.83
83.0-84.0	13.5	1.5	97.8	0.94	62.77
84.0-85.0	13.3	1.5	99.2	0.93	63.71
85.0-86.0	13.1	1.4	100.7	0.92	64.63
86.0-87.0	13.0	1.4	102.1	0.91	65.54
87.0-88.0	12.8	1.4	103.5	0.90	66.44
88.0-89.0	12.7	1.4	104.9	0.89	67.33
89.0-90.0	12.5	1.4	106.3	0.88	68.21
90.0-91.0	12.3	1.4	107.6	0.87	69.08
91.0-92.0	12.2	1.3	109.0	0.86	69.94
92.0-93.0	12.1	1.3	110.3	0.85	70.79
93.0-94.0	11.9	1.3	111.6	0.84	71.63
94.0-95.0	11.8	1.3	112.9	0.83	72.46
95.0-96.0	11.7	1.3	114.1	0.82	73.27
96.0-97.0	11.5	1.3	115.4	0.81	74.08
97.0-98.0	11.4	1.2	116.6	0.80	74.87
98.0-99.0	11.3	1.2	117.9	0.78	75.66
99.0-100.0	11.1	1.2	119.1	0.77	76.43
100.0-101.0	11.0	1.2	120.3	0.76	77.19
101.0-102.0	10.9	1.2	121.4	0.75	77.94
102.0-103.0	10.7	1.1	122.6	0.74	78.68
103.0-104.0	10.6	1.1	123.7	0.72	79.40
104.0-105.0	10.4	1.1	124.8	0.71	80.11
105.0-106.0	10.3	1.1	125.9	0.70	80.81
106.0-107.0	10.2	1.1	127.0	0.69	81.50
107.0-108.0	10.0	1.0	128.0	0.67	82.17

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	9.9	1.0	129.0	0.66	82.84
109.0-110.0	9.8	1.0	130.1	0.65	83.48
110.0-111.0	9.6	1.0	131.0	0.63	84.12
111.0-112.0	9.5	1.0	132.0	0.62	84.74
112.0-113.0	9.4	0.9	133.0	0.61	85.35
113.0-114.0	9.2	0.9	133.9	0.59	85.94
114.0-115.0	9.1	0.9	134.8	0.58	86.52
115.0-116.0	9.0	0.9	135.7	0.57	87.09
116.0-117.0	8.8	0.9	136.5	0.56	87.65
117.0-118.0	8.7	0.8	137.4	0.54	88.19
118.0-119.0	8.5	0.8	138.2	0.53	88.72
119.0-120.0	8.4	0.8	139.0	0.52	89.23
120.0-121.0	8.3	0.8	139.8	0.50	89.74
121.0-122.0	8.1	0.8	140.6	0.49	90.22
122.0-123.0	8.0	0.7	141.3	0.48	90.70
123.0-124.0	7.9	0.7	142.0	0.46	91.16
124.0-125.0	7.7	0.7	142.7	0.45	91.61
125.0-126.0	7.6	0.7	143.4	0.44	92.05
126.0-127.0	7.5	0.7	144.1	0.42	92.47
127.0-128.0	7.4	0.6	144.7	0.41	92.88
128.0-129.0	7.2	0.6	145.3	0.40	93.28
129.0-130.0	7.1	0.6	145.9	0.38	93.66
130.0-131.0	6.9	0.6	146.5	0.37	94.03
131.0-132.0	6.7	0.6	147.0	0.36	94.39
132.0-133.0	6.6	0.5	147.6	0.34	94.73
133.0-134.0	6.4	0.5	148.1	0.33	95.06
134.0-135.0	6.3	0.5	148.6	0.32	95.38
135.0-136.0	6.2	0.5	149.1	0.30	95.68
136.0-137.0	6.0	0.5	149.5	0.29	95.97
137.0-138.0	5.9	0.4	149.9	0.28	96.25
138.0-139.0	5.8	0.4	150.4	0.27	96.52
139.0-140.0	5.6	0.4	150.8	0.26	96.78
140.0-141.0	5.5	0.4	151.1	0.25	97.02
141.0-142.0	5.4	0.4	151.5	0.23	97.26
142.0-143.0	5.2	0.3	151.9	0.22	97.48
143.0-144.0	4.9	0.3	152.2	0.21	97.68

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	4.8	0.3	152.5	0.19	97.88
145.0-146.0	4.6	0.3	152.8	0.18	98.06
146.0-147.0	4.5	0.3	153.0	0.17	98.24
147.0-148.0	4.2	0.3	153.3	0.16	98.40
148.0-149.0	4.1	0.2	153.5	0.15	98.55
149.0-150.0	4.0	0.2	153.7	0.14	98.69
150.0-151.0	3.8	0.2	154.0	0.13	98.82
151.0-152.0	3.7	0.2	154.1	0.12	98.95
152.0-153.0	3.5	0.2	154.3	0.11	99.06
153.0-154.0	3.3	0.2	154.5	0.10	99.16
154.0-155.0	3.2	0.1	154.6	0.10	99.26
155.0-156.0	3.0	0.1	154.8	0.09	99.35
156.0-157.0	2.9	0.1	154.9	0.08	99.43
157.0-158.0	2.8	0.1	155.0	0.07	99.50
158.0-159.0	2.6	0.1	155.1	0.07	99.57
159.0-160.0	2.5	0.1	155.2	0.06	99.63
160.0-161.0	2.3	0.1	155.3	0.05	99.69
161.0-162.0	2.2	0.1	155.4	0.05	99.74
162.0-163.0	2.0	0.1	155.4	0.04	99.78
163.0-164.0	1.9	0.1	155.5	0.04	99.82
164.0-165.0	1.7	0.1	155.6	0.03	99.85
165.0-166.0	1.6	0.0	155.6	0.03	99.88
166.0-167.0	1.5	0.0	155.6	0.02	99.90
167.0-168.0	1.4	0.0	155.7	0.02	99.92
168.0-169.0	1.3	0.0	155.7	0.02	99.94
169.0-170.0	1.2	0.0	155.7	0.01	99.96
170.0-171.0	1.1	0.0	155.7	0.01	99.97
171.0-172.0	1.0	0.0	155.8	0.01	99.98
172.0-173.0	0.8	0.0	155.8	0.01	99.98
173.0-174.0	0.7	0.0	155.8	0.01	99.99
174.0-175.0	0.6	0.0	155.8	0.00	99.99
175.0-176.0	0.5	0.0	155.8	0.00	100.00
176.0-177.0	0.3	0.0	155.8	0.00	100.00
177.0-178.0	0.2	0.0	155.8	0.00	100.00
178.0-179.0	0.2	0.0	155.8	0.00	100.00
179.0-180.0	0.2	0.0	155.8	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: