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www.genledbrands.com
Tel:+1 212 629 6830
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Report No.: **Test Time: 2023/9/28 15:50**

Luminaire Property

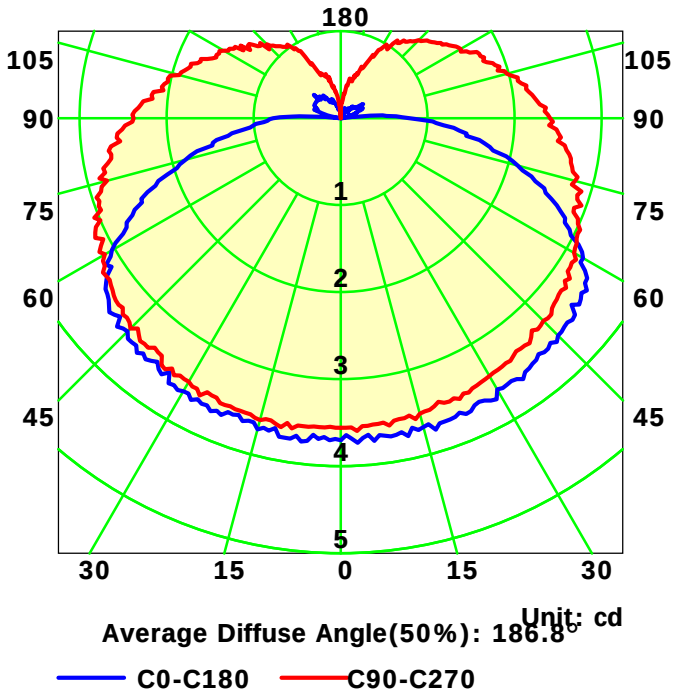
Luminaire Manufacturer:
Luminaire Category: HEXA NODE RGB-1.5W-UCS8903
Luminaire Description: MILKY GLOBE **IP67** **Lamp Catalog: NODE**
Lamp Description: 3 nodes **RED** **Luminous Length (mm): 250**
Luminous Width (mm): 60 **Luminous Height (mm): 75**
Voltage: 24.0 V **Current: 0.083 A**
Power: 1.98 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 31.7 lm**
Measurement Flux: 31.7 lm **Efficiency: 100%**
Downward Ratio: 70% **Upward Ratio: 30%**
Horizontal Diffuse Angle(10%,50%): H188.4,H152.1
Vertical Diffuse Angle(10%,50%): V336.1,V221.4
Luminaire Efficacy Rating (LER): 16 **Central Intensity: 4.34 cd**
Max. Intensity: 4.39 cd **Pos of Max. Intensity: H0 V17**

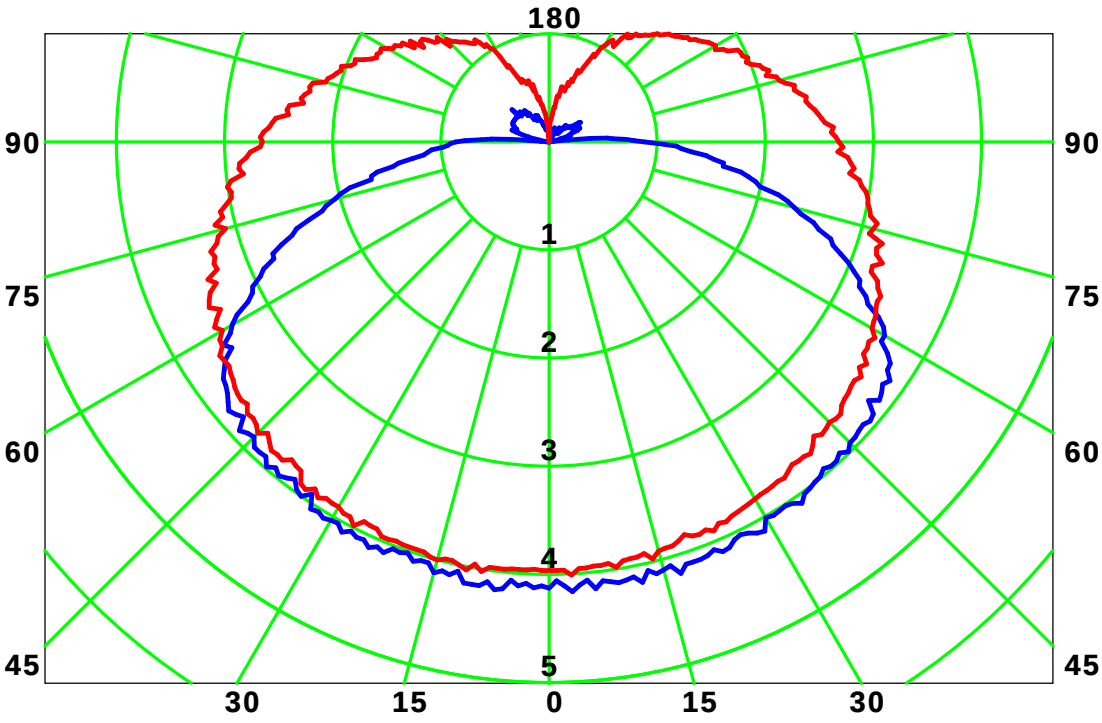
Picture Of Luminaire

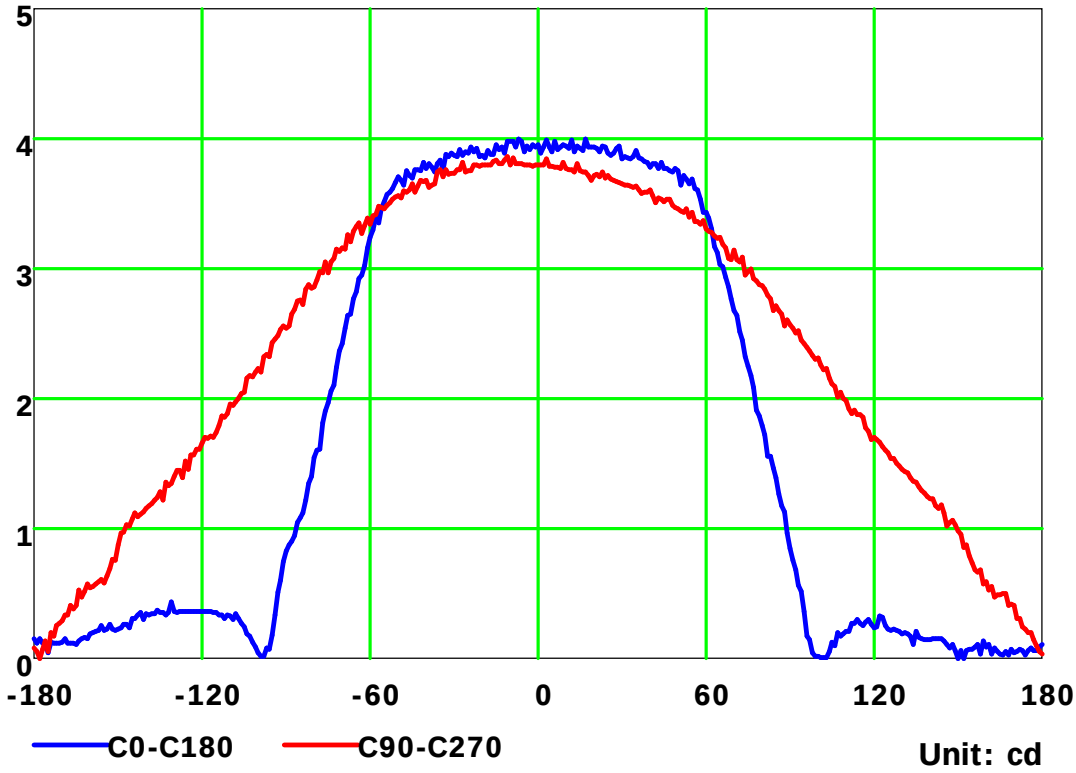
Luminous Intensity Distribution Curve



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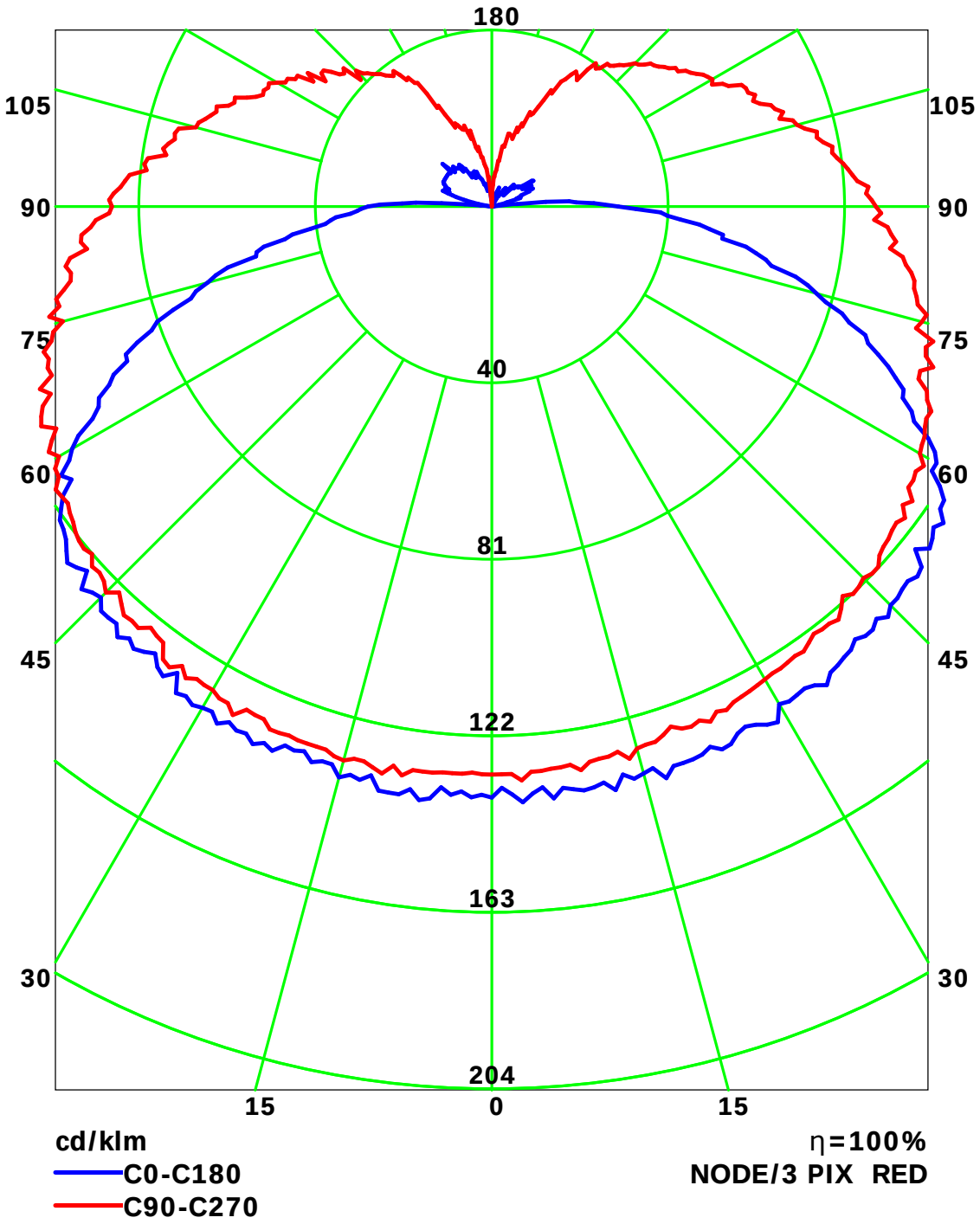
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

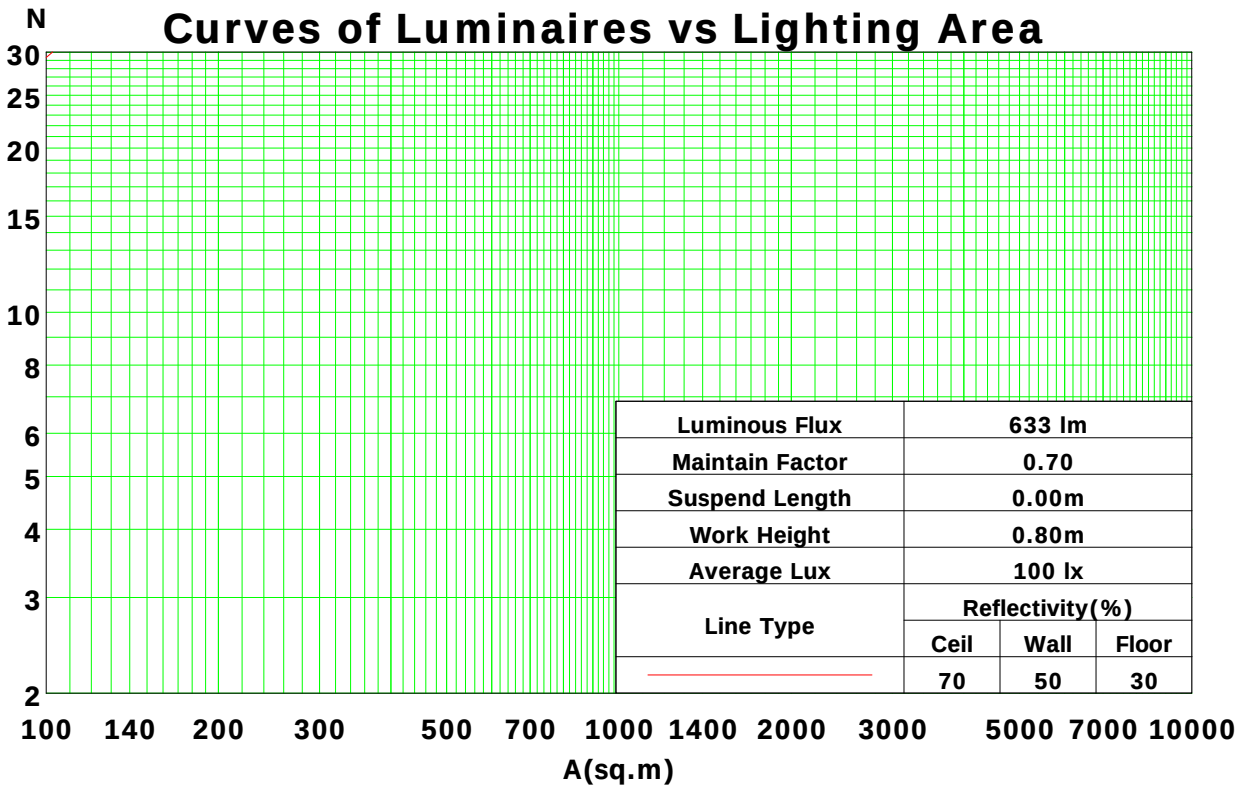
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	112	112	112	112	106	106	106	106	95	95	95	84	84	84	75	75	75	70
1	98	91	86	80	92	86	81	76	76	72	68	67	64	61	59	57	54	50
2	87	77	69	62	82	73	65	59	64	58	53	57	52	48	49	46	42	38
3	79	66	57	50	73	63	54	47	55	48	43	49	43	38	42	38	34	30
4	71	58	48	41	67	55	46	39	48	41	35	42	36	32	37	32	28	25
5	65	51	41	34	61	48	39	33	43	35	30	38	31	27	33	28	24	21
6	60	46	36	29	56	43	34	28	38	31	25	34	28	23	29	24	20	18
7	55	41	32	25	51	39	30	24	34	27	22	30	24	20	27	22	18	15
8	51	37	28	22	48	35	27	21	31	24	19	28	22	17	24	19	16	13
9	47	34	25	20	45	32	24	19	29	22	17	25	20	15	22	18	14	12
10	44	31	23	17	42	29	22	17	26	20	15	23	18	14	21	16	12	10

Spacing Criteria (0-180): 1.48
Spacing Criteria (90-270): 1.48
Spacing Criteria (Diagonal): 1.64

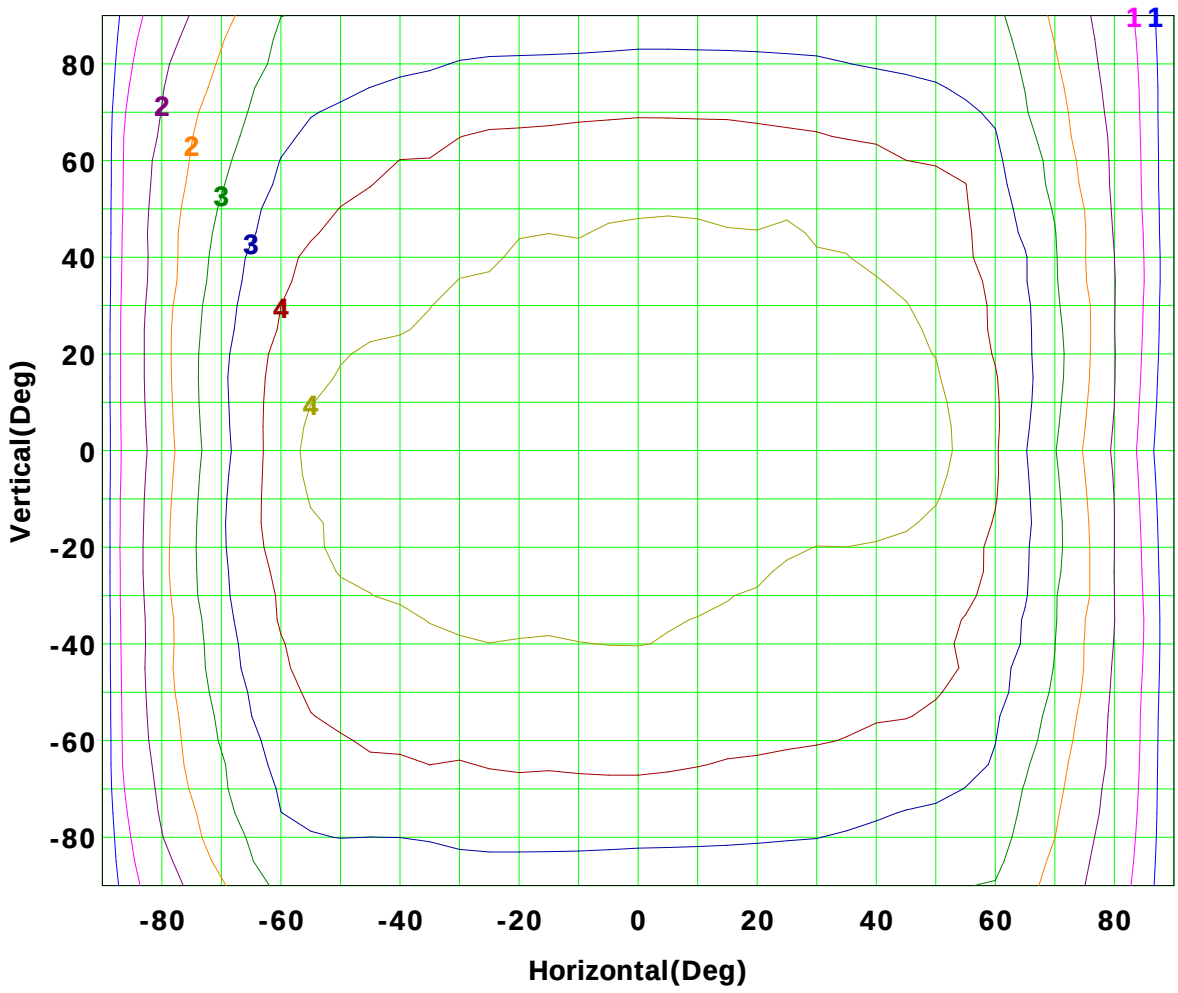
Curves of Luminaires vs Lighting Area



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)



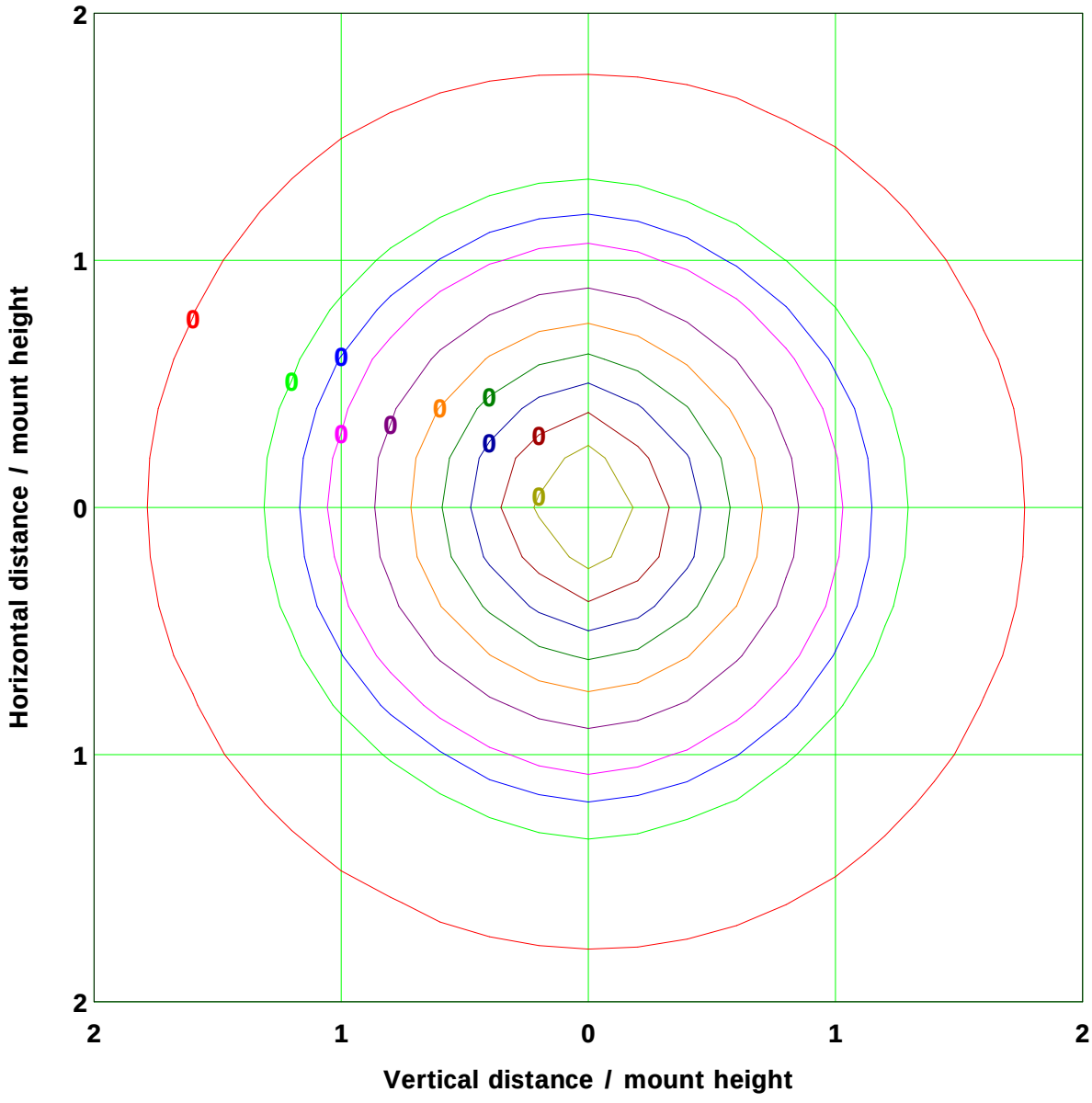
Imax (100%): 4 cd

(10%):	0 cd	(20%):	1 cd
(25%):	1 cd	(30%):	1 cd
(40%):	2 cd	(50%):	2 cd
(60%):	3 cd	(70%):	3 cd
(80%):	4 cd	(90%):	4 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

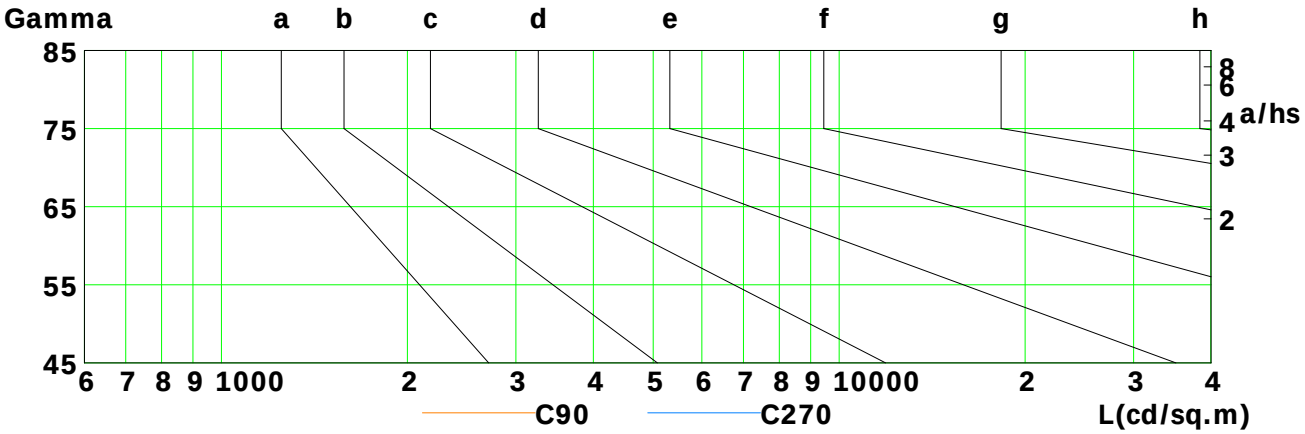
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.1 lx
(80%): 0.1 lx	(90%): 0.2 lx

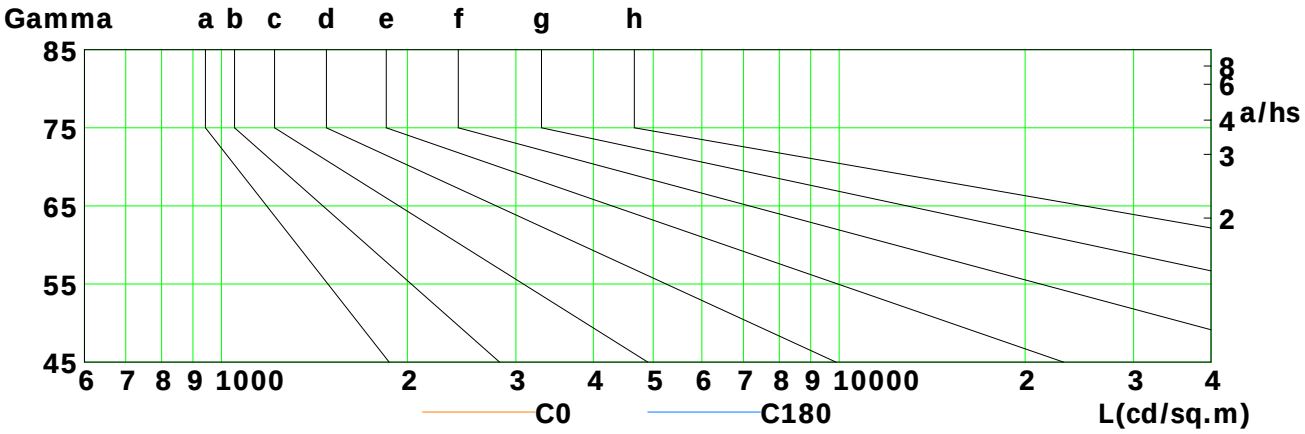
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



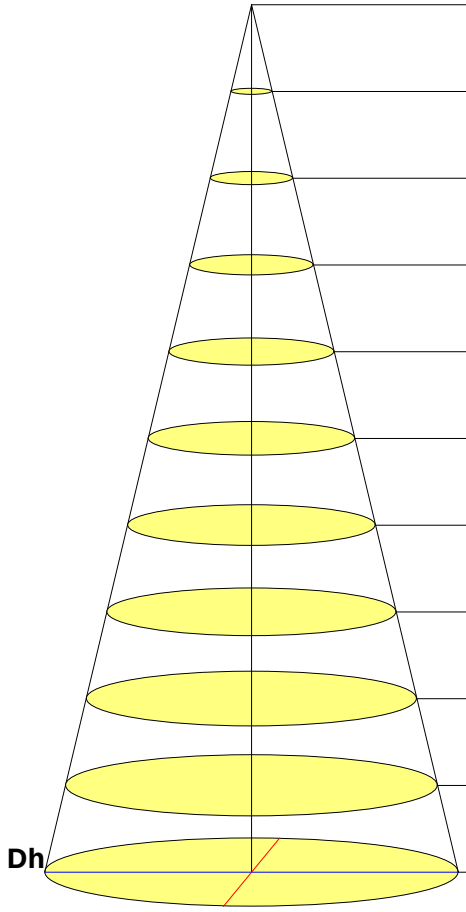


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	173	172	169	159	143	129	112	93	77
C90	280	290	307	319	342	369	397	448	515
C180	170	170	161	150	133	117	98	81	60
C270	291	299	309	322	350	371	396	446	523

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



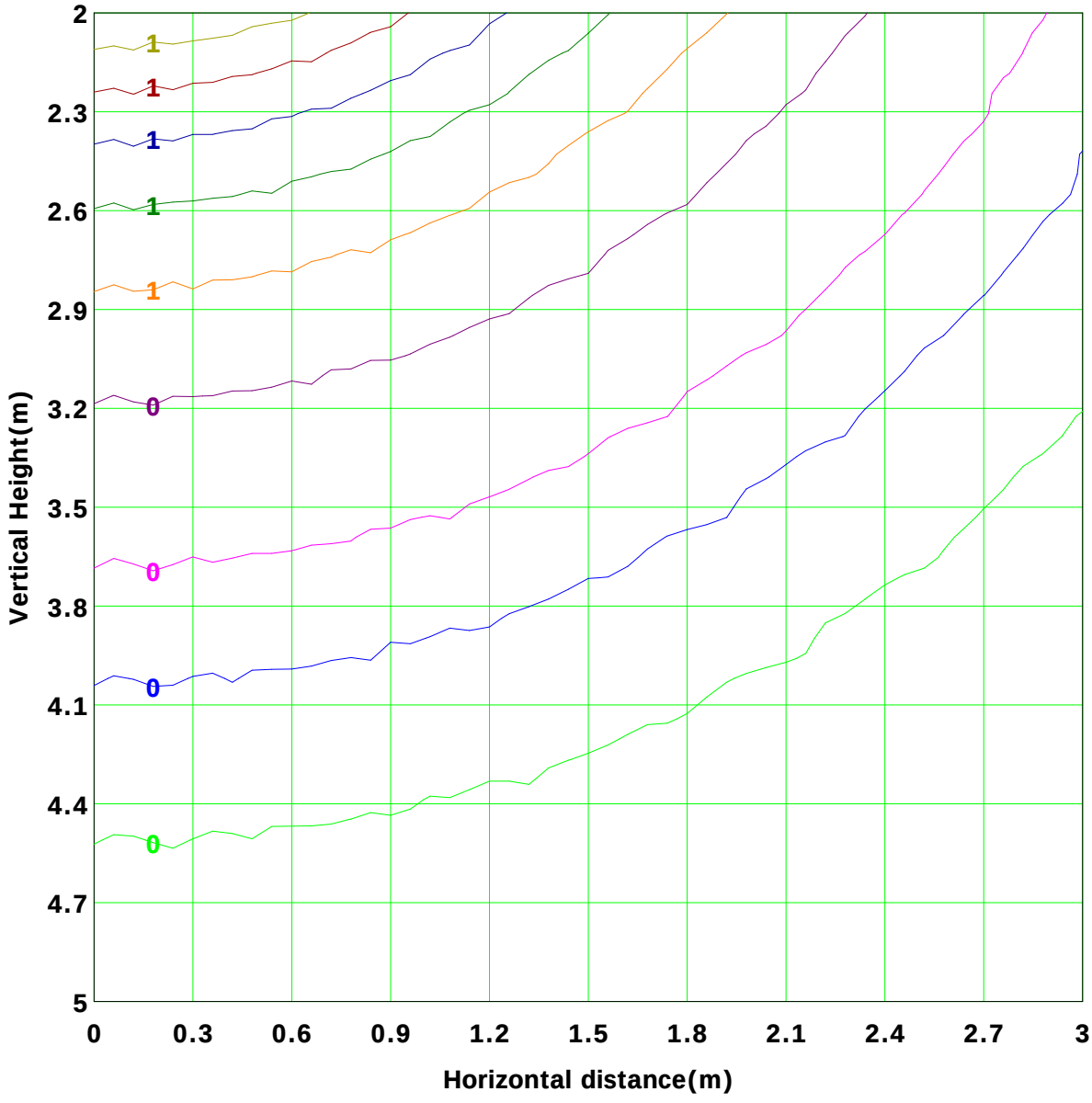
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	4.34	8.07/NA	NA	NA
2.0	1.09	16.13/NA	NA	NA
3.0	0.48	24.20/NA	NA	NA
4.0	0.27	32.27/NA	NA	NA
5.0	0.17	40.33/NA	NA	NA
6.0	0.12	48.40/NA	NA	NA
7.0	0.09	56.47/NA	NA	NA
8.0	0.07	64.53/NA	NA	NA
9.0	0.05	72.60/NA	NA	NA
10.0	0.04	80.67/NA	NA	NA

Beam Angle(B): H152.1 V221.4 Field Angle(F): H188.4 V336.1

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: 1.1 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.3 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.7 lx	(70%): 0.8 lx
(80%): 0.9 lx	(90%): 1.0 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:

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Area Flux Table

Unit: lm

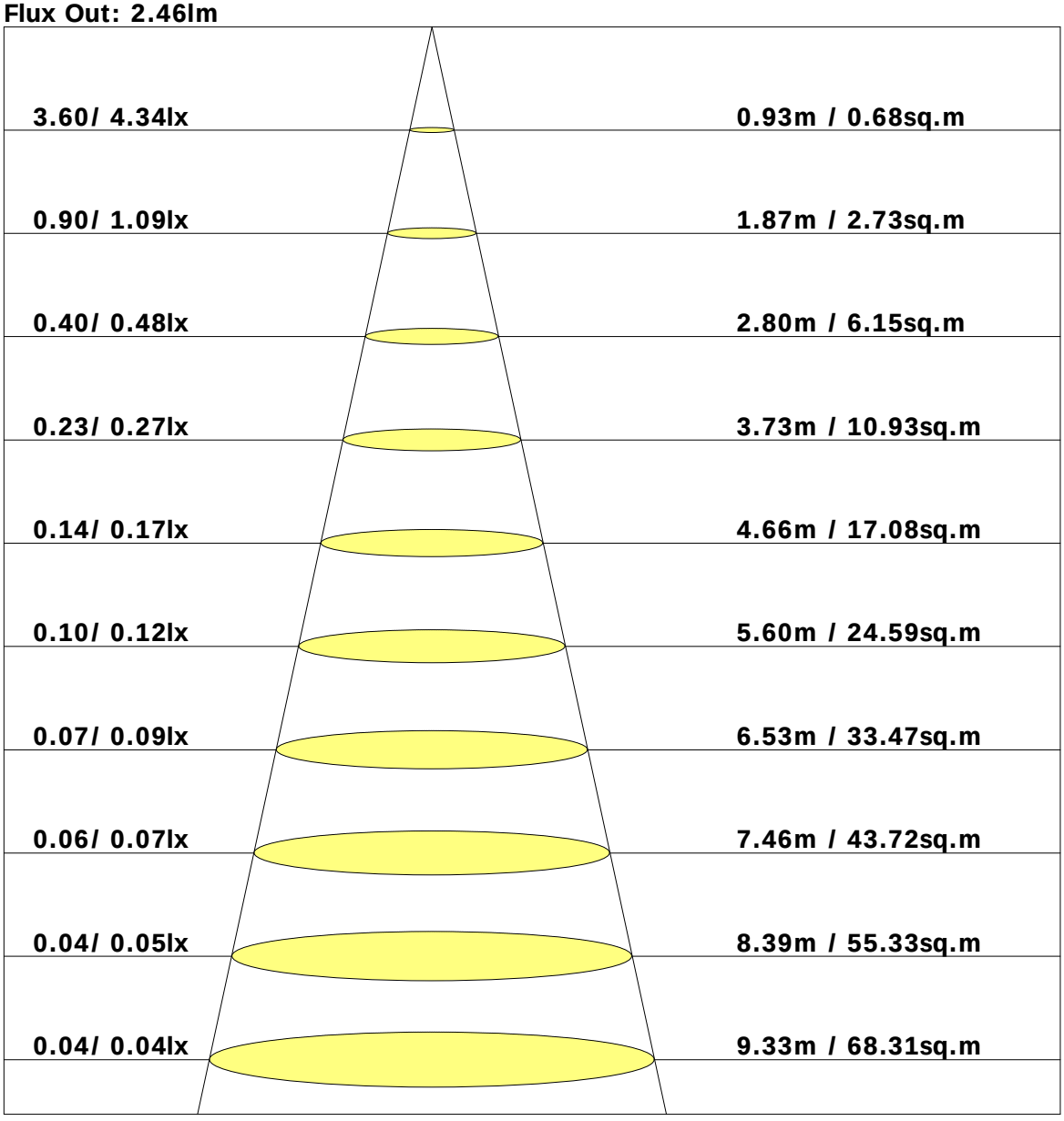
Vertical plane \ Horizontal plane	-90 – -80	-80 – -70	-70 – -60	-60 – -50	-50 – -40	-40 – -30	-30 – -20	-20 – -10	-10 – 0	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80	80 – 90	Flux(T)	Flux(E)
-90 – -80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0	1.0
-80 – -70	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	1.1	1.1
-70 – -60	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	1.2	1.2
-60 – -50	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	1.2	1.2
-50 – -40	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	1.3	1.3
-40 – -30	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	1.3	1.3
-30 – -20	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
-20 – -10	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
-10 – 0	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
0 – 10	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
10 – 20	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
20 – 30	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	1.3	1.3
30 – 40	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	1.3	1.3
40 – 50	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	1.3	1.3
50 – 60	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	1.2	1.2
60 – 70	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	1.2	1.2
70 – 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	1.1	1.1
80 – 90	0.0	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	0.0	0.0	0.0	1.0	1.0
Flux(T)	0.1	0.3	0.7	1.1	1.4	1.7	1.9	2.0	2.1	2.1	2.0	1.9	1.7	1.4	1.1	0.7	0.3	0.1	22	
Flux(E)	0.1	0.3	0.7	1.1	1.4	1.7	1.9	2.0	2.1	2.1	2.0	1.9	1.7	1.4	1.1	0.7	0.3	0.1		22

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: 2.46lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	3.60/ 4.34lx		0.93m / 0.68sq.m
2.0m	0.90/ 1.09lx		1.87m / 2.73sq.m
3.0m	0.40/ 0.48lx		2.80m / 6.15sq.m
4.0m	0.23/ 0.27lx		3.73m / 10.93sq.m
5.0m	0.14/ 0.17lx		4.66m / 17.08sq.m
6.0m	0.10/ 0.12lx		5.60m / 24.59sq.m
7.0m	0.07/ 0.09lx		6.53m / 33.47sq.m
8.0m	0.06/ 0.07lx		7.46m / 43.72sq.m
9.0m	0.04/ 0.05lx		8.39m / 55.33sq.m
10.0m	0.04/ 0.04lx		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	16.9	18.2	17.7	19.0	19.9	15.4	16.6	16.1	17.4	18.3
3H	19.5	20.7	20.3	21.4	22.4	17.9	19.0	18.6	19.8	20.8
4H	20.6	21.7	21.4	22.5	23.5	19.1	20.2	19.8	21.0	21.9
6H	21.6	22.6	22.3	23.4	24.4	20.3	21.3	21.0	22.1	23.1
8H	22.0	23.0	22.8	23.8	24.8	20.8	21.8	21.6	22.6	23.6
12H	22.4	23.3	23.1	24.1	25.1	21.4	22.3	22.2	23.1	24.1
X=4H Y=2H	17.5	18.6	18.2	19.4	20.3	16.3	17.4	17.1	18.2	19.2
3H	20.3	21.3	21.1	22.1	23.1	19.0	19.9	19.8	20.8	21.8
4H	21.6	22.5	22.4	23.3	24.3	20.3	21.2	21.1	22.1	23.1
6H	22.8	23.6	23.6	24.4	25.4	21.7	22.5	22.5	23.3	24.4
8H	23.3	24.0	24.1	24.9	25.9	22.3	23.1	23.2	23.9	25.0
12H	23.8	24.5	24.6	25.3	26.4	23.0	23.6	23.8	24.5	25.6
X=8H Y=4H	22.0	22.8	22.8	23.6	24.7	21.0	21.7	21.8	22.6	23.6
6H	23.4	24.1	24.3	25.0	26.0	22.5	23.2	23.4	24.1	25.1
8H	24.1	24.7	25.0	25.6	26.7	23.3	23.9	24.2	24.8	25.8
12H	24.8	25.3	25.7	26.2	27.3	24.1	24.6	25.0	25.5	26.6
X=12H Y=4H	22.1	22.8	22.9	23.7	24.7	21.1	21.8	22.0	22.7	23.7
6H	23.6	24.2	24.5	25.1	26.1	22.8	23.4	23.6	24.2	25.3
8H	24.4	24.9	25.3	25.8	26.9	23.6	24.2	24.5	25.0	26.1

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: 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	0.52	0.58	0.63	0.70	0.75	0.79	0.84	0.87
	0.30		NA	0.43	0.50	0.55	0.63	0.68	0.72	0.78	0.82
	0.20		NA	0.37	0.43	0.49	0.57	0.63	0.67	0.74	0.78
0.50	0.50	0.20	NA	0.46	0.52	0.56	0.62	0.67	0.70	0.75	0.78
	0.30		NA	0.39	0.45	0.50	0.56	0.61	0.65	0.70	0.74
	0.20		NA	0.34	0.40	0.44	0.51	0.57	0.61	0.66	0.70
0.30	0.50	0.20	NA	0.41	0.46	0.50	0.55	0.59	0.62	0.66	0.69
	0.30		NA	0.35	0.40	0.45	0.50	0.55	0.58	0.62	0.66
	0.20		NA	0.31	0.36	0.40	0.46	0.51	0.54	0.59	0.63
0.00	0.00	0.00	NA	0.25	0.29	0.33	0.38	0.42	0.44	0.49	0.52

Rating:2W 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	0.89	0.78	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.76	0.68	0.62	0.53	0.46	0.41	0.33	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	0.58	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.58	0.52	0.44	0.39	0.35	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	0.70	0.46	0.41	0.38	0.33	0.29	0.26	0.22	0.19

Rating:2W 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	0.47	0.48	0.48	0.49	0.50	0.50	0.50	0.51
	0.30		NA	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47
	0.20		NA	0.35	0.36	0.37	0.38	0.40	0.41	0.43	0.44
0.50	0.50	0.20	NA	0.45	0.46	0.47	0.47	0.48	0.48	0.48	0.48
	0.30		NA	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.45
	0.20		NA	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.42
0.30	0.50	0.20	NA	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.46
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.42	0.43	0.44
	0.20		NA	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41
0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

Rating:2W 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	4.2	0.0	0.0	0.01	0.01
1.0-2.0	4.2	0.0	0.0	0.04	0.05
2.0-3.0	4.2	0.0	0.0	0.06	0.11
3.0-4.0	4.2	0.0	0.1	0.09	0.20
4.0-5.0	4.2	0.0	0.1	0.11	0.32
5.0-6.0	4.2	0.0	0.1	0.14	0.46
6.0-7.0	4.2	0.1	0.2	0.16	0.62
7.0-8.0	4.2	0.1	0.3	0.19	0.81
8.0-9.0	4.2	0.1	0.3	0.22	1.03
9.0-10.0	4.2	0.1	0.4	0.24	1.27
10.0-11.0	4.2	0.1	0.5	0.27	1.53
11.0-12.0	4.2	0.1	0.6	0.29	1.82
12.0-13.0	4.2	0.1	0.7	0.31	2.14
13.0-14.0	4.2	0.1	0.8	0.34	2.48
14.0-15.0	4.2	0.1	0.9	0.36	2.84
15.0-16.0	4.2	0.1	1.0	0.39	3.22
16.0-17.0	4.2	0.1	1.2	0.41	3.64
17.0-18.0	4.2	0.1	1.3	0.44	4.07
18.0-19.0	4.2	0.1	1.4	0.46	4.53
19.0-20.0	4.2	0.2	1.6	0.48	5.01
20.0-21.0	4.2	0.2	1.7	0.50	5.51
21.0-22.0	4.2	0.2	1.9	0.53	6.04
22.0-23.0	4.2	0.2	2.1	0.55	6.59
23.0-24.0	4.2	0.2	2.3	0.57	7.17
24.0-25.0	4.1	0.2	2.5	0.60	7.76
25.0-26.0	4.1	0.2	2.7	0.61	8.38
26.0-27.0	4.1	0.2	2.9	0.64	9.02
27.0-28.0	4.1	0.2	3.1	0.66	9.68
28.0-29.0	4.1	0.2	3.3	0.68	10.36
29.0-30.0	4.1	0.2	3.5	0.70	11.06
30.0-31.0	4.1	0.2	3.7	0.72	11.79
31.0-32.0	4.1	0.2	4.0	0.74	12.53
32.0-33.0	4.1	0.2	4.2	0.76	13.29
33.0-34.0	4.1	0.2	4.5	0.78	14.07
34.0-35.0	4.1	0.3	4.7	0.80	14.87
35.0-36.0	4.1	0.3	5.0	0.82	15.69

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	4.1	0.3	5.2	0.84	16.53
37.0-38.0	4.0	0.3	5.5	0.85	17.38
38.0-39.0	4.0	0.3	5.8	0.87	18.25
39.0-40.0	4.0	0.3	6.1	0.89	19.14
40.0-41.0	4.0	0.3	6.4	0.91	20.04
41.0-42.0	4.0	0.3	6.6	0.92	20.97
42.0-43.0	4.0	0.3	6.9	0.94	21.90
43.0-44.0	4.0	0.3	7.2	0.95	22.85
44.0-45.0	4.0	0.3	7.5	0.97	23.82
45.0-46.0	4.0	0.3	7.9	0.98	24.80
46.0-47.0	4.0	0.3	8.2	0.99	25.79
47.0-48.0	3.9	0.3	8.5	1.01	26.80
48.0-49.0	3.9	0.3	8.8	1.02	27.82
49.0-50.0	3.9	0.3	9.1	1.03	28.85
50.0-51.0	3.9	0.3	9.5	1.04	29.89
51.0-52.0	3.9	0.3	9.8	1.05	30.95
52.0-53.0	3.9	0.3	10.1	1.06	32.01
53.0-54.0	3.9	0.3	10.5	1.07	33.09
54.0-55.0	3.8	0.3	10.8	1.08	34.17
55.0-56.0	3.8	0.3	11.2	1.09	35.26
56.0-57.0	3.8	0.3	11.5	1.09	36.35
57.0-58.0	3.8	0.3	11.9	1.10	37.45
58.0-59.0	3.7	0.3	12.2	1.10	38.55
59.0-60.0	3.7	0.4	12.6	1.11	39.66
60.0-61.0	3.7	0.4	12.9	1.11	40.76
61.0-62.0	3.6	0.4	13.3	1.11	41.87
62.0-63.0	3.6	0.4	13.6	1.11	42.98
63.0-64.0	3.6	0.4	14.0	1.11	44.08
64.0-65.0	3.5	0.4	14.3	1.11	45.19
65.0-66.0	3.5	0.4	14.7	1.11	46.30
66.0-67.0	3.5	0.4	15.0	1.11	47.41
67.0-68.0	3.4	0.3	15.4	1.10	48.51
68.0-69.0	3.4	0.3	15.7	1.10	49.60
69.0-70.0	3.4	0.3	16.1	1.09	50.69
70.0-71.0	3.3	0.3	16.4	1.09	51.78
71.0-72.0	3.3	0.3	16.8	1.08	52.86

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	3.2	0.3	17.1	1.07	53.93
73.0-74.0	3.2	0.3	17.4	1.06	54.99
74.0-75.0	3.1	0.3	17.8	1.05	56.04
75.0-76.0	3.1	0.3	18.1	1.04	57.08
76.0-77.0	3.1	0.3	18.4	1.03	58.11
77.0-78.0	3.0	0.3	18.7	1.02	59.13
78.0-79.0	3.0	0.3	19.1	1.01	60.14
79.0-80.0	2.9	0.3	19.4	0.99	61.13
80.0-81.0	2.9	0.3	19.7	0.98	62.12
81.0-82.0	2.8	0.3	20.0	0.97	63.08
82.0-83.0	2.8	0.3	20.3	0.95	64.04
83.0-84.0	2.7	0.3	20.6	0.94	64.98
84.0-85.0	2.7	0.3	20.9	0.93	65.91
85.0-86.0	2.7	0.3	21.2	0.92	66.82
86.0-87.0	2.6	0.3	21.5	0.90	67.73
87.0-88.0	2.6	0.3	21.7	0.89	68.62
88.0-89.0	2.5	0.3	22.0	0.87	69.49
89.0-90.0	2.5	0.3	22.3	0.86	70.35
90.0-91.0	2.4	0.3	22.6	0.84	71.19
91.0-92.0	2.4	0.3	22.8	0.83	72.02
92.0-93.0	2.4	0.3	23.1	0.81	72.83
93.0-94.0	2.3	0.3	23.3	0.80	73.63
94.0-95.0	2.3	0.2	23.6	0.78	74.41
95.0-96.0	2.2	0.2	23.8	0.76	75.16
96.0-97.0	2.2	0.2	24.1	0.74	75.90
97.0-98.0	2.1	0.2	24.3	0.73	76.63
98.0-99.0	2.1	0.2	24.5	0.71	77.34
99.0-100.0	2.1	0.2	24.7	0.70	78.04
100.0-101.0	2.0	0.2	25.0	0.70	78.74
101.0-102.0	2.0	0.2	25.2	0.69	79.42
102.0-103.0	2.0	0.2	25.4	0.68	80.10
103.0-104.0	2.0	0.2	25.6	0.67	80.77
104.0-105.0	2.0	0.2	25.8	0.66	81.43
105.0-106.0	1.9	0.2	26.0	0.65	82.07
106.0-107.0	1.9	0.2	26.2	0.64	82.71
107.0-108.0	1.9	0.2	26.4	0.63	83.34

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	1.9	0.2	26.6	0.62	83.95
109.0-110.0	1.8	0.2	26.8	0.60	84.56
110.0-111.0	1.8	0.2	27.0	0.59	85.15
111.0-112.0	1.8	0.2	27.2	0.58	85.73
112.0-113.0	1.8	0.2	27.3	0.57	86.30
113.0-114.0	1.8	0.2	27.5	0.56	86.86
114.0-115.0	1.7	0.2	27.7	0.55	87.40
115.0-116.0	1.7	0.2	27.9	0.53	87.93
116.0-117.0	1.7	0.2	28.0	0.52	88.45
117.0-118.0	1.7	0.2	28.2	0.51	88.96
118.0-119.0	1.6	0.2	28.3	0.49	89.45
119.0-120.0	1.6	0.2	28.5	0.48	89.93
120.0-121.0	1.6	0.1	28.6	0.46	90.39
121.0-122.0	1.5	0.1	28.8	0.45	90.85
122.0-123.0	1.5	0.1	28.9	0.44	91.29
123.0-124.0	1.5	0.1	29.1	0.43	91.71
124.0-125.0	1.4	0.1	29.2	0.41	92.13
125.0-126.0	1.4	0.1	29.3	0.40	92.53
126.0-127.0	1.4	0.1	29.4	0.39	92.91
127.0-128.0	1.4	0.1	29.6	0.37	93.29
128.0-129.0	1.4	0.1	29.7	0.37	93.65
129.0-130.0	1.3	0.1	29.8	0.35	94.01
130.0-131.0	1.3	0.1	29.9	0.34	94.34
131.0-132.0	1.3	0.1	30.0	0.33	94.67
132.0-133.0	1.2	0.1	30.1	0.32	94.99
133.0-134.0	1.2	0.1	30.2	0.30	95.29
134.0-135.0	1.2	0.1	30.3	0.29	95.58
135.0-136.0	1.2	0.1	30.4	0.28	95.86
136.0-137.0	1.1	0.1	30.5	0.27	96.13
137.0-138.0	1.1	0.1	30.5	0.26	96.39
138.0-139.0	1.1	0.1	30.6	0.25	96.63
139.0-140.0	1.1	0.1	30.7	0.24	96.87
140.0-141.0	1.0	0.1	30.8	0.23	97.10
141.0-142.0	1.0	0.1	30.8	0.22	97.32
142.0-143.0	1.0	0.1	30.9	0.21	97.53
143.0-144.0	1.0	0.1	31.0	0.20	97.73

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	0.9	0.1	31.0	0.19	97.92
145.0-146.0	0.9	0.1	31.1	0.18	98.09
146.0-147.0	0.9	0.1	31.1	0.16	98.26
147.0-148.0	0.8	0.0	31.2	0.15	98.41
148.0-149.0	0.8	0.0	31.2	0.14	98.56
149.0-150.0	0.8	0.0	31.3	0.13	98.69
150.0-151.0	0.7	0.0	31.3	0.12	98.81
151.0-152.0	0.7	0.0	31.4	0.11	98.93
152.0-153.0	0.7	0.0	31.4	0.10	99.03
153.0-154.0	0.6	0.0	31.4	0.10	99.13
154.0-155.0	0.6	0.0	31.4	0.09	99.22
155.0-156.0	0.6	0.0	31.5	0.08	99.31
156.0-157.0	0.6	0.0	31.5	0.08	99.38
157.0-158.0	0.6	0.0	31.5	0.07	99.46
158.0-159.0	0.5	0.0	31.5	0.07	99.53
159.0-160.0	0.5	0.0	31.6	0.06	99.59
160.0-161.0	0.5	0.0	31.6	0.06	99.64
161.0-162.0	0.5	0.0	31.6	0.05	99.70
162.0-163.0	0.5	0.0	31.6	0.05	99.74
163.0-164.0	0.4	0.0	31.6	0.04	99.79
164.0-165.0	0.4	0.0	31.6	0.04	99.83
165.0-166.0	0.4	0.0	31.6	0.03	99.86
166.0-167.0	0.4	0.0	31.7	0.03	99.89
167.0-168.0	0.3	0.0	31.7	0.02	99.91
168.0-169.0	0.3	0.0	31.7	0.02	99.93
169.0-170.0	0.3	0.0	31.7	0.02	99.95
170.0-171.0	0.2	0.0	31.7	0.01	99.96
171.0-172.0	0.2	0.0	31.7	0.01	99.97
172.0-173.0	0.2	0.0	31.7	0.01	99.98
173.0-174.0	0.2	0.0	31.7	0.01	99.99
174.0-175.0	0.1	0.0	31.7	0.00	99.99
175.0-176.0	0.1	0.0	31.7	0.00	99.99
176.0-177.0	0.1	0.0	31.7	0.00	100.00
177.0-178.0	0.1	0.0	31.7	0.00	100.00
178.0-179.0	0.1	0.0	31.7	0.00	100.00
179.0-180.0	0.1	0.0	31.7	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: