ACOLYTE
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Report No.: **Test Time: 2021/2/5 18:00**

Luminaire Property

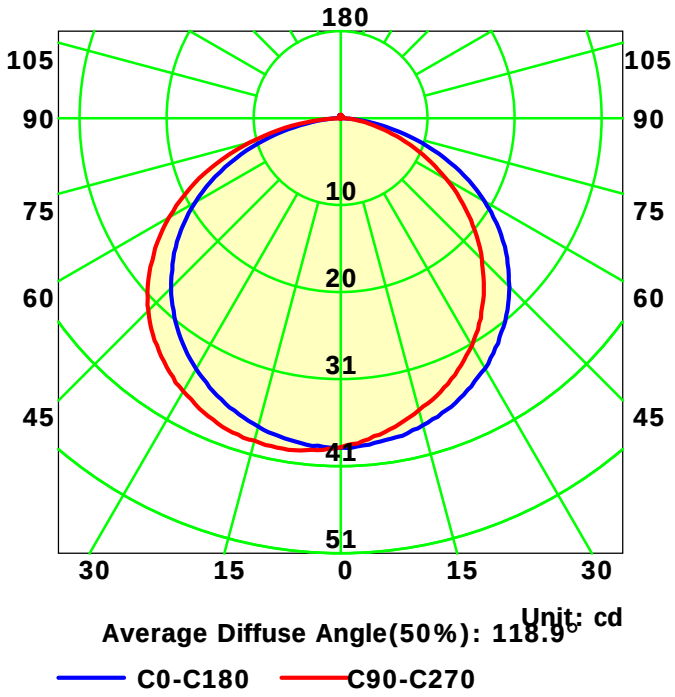
Luminaire Manufacturer:
Luminaire Category: FLEXBACKLYTE
Luminaire Description: FBL242022RGB30-BLUE
Lamp Catalog: 5050 RGBW 4IN1
Number of Lamps: 144 5050RGBW
Luminous Length (mm): 304
Luminous Width (mm): 304
Luminous Height (mm): 2
Voltage: 24.0 V
Current: 0.230 A
Power: 5.52 W
Power Factor: 1.000

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 121.7 lm
Measurement Flux: 121.7 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H162.6,H120.8
Vertical Diffuse Angle(10%,50%): V160.9,V117
Luminaire Efficacy Rating (LER): 22
Central Intensity: 39.18 cd
Max. Intensity: 39.96 cd
Pos of Max. Intensity: H270 V9

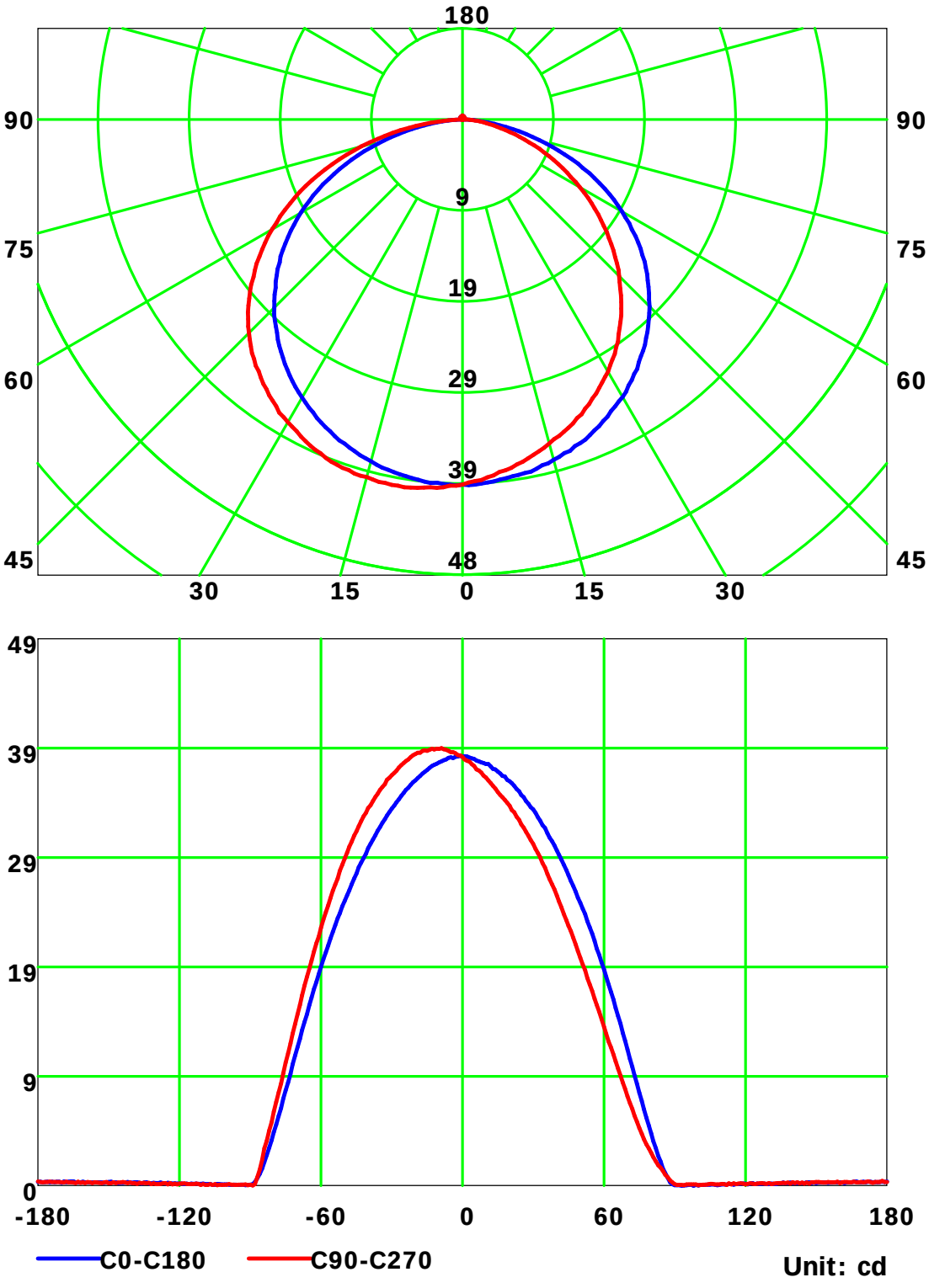
Picture Of Luminaire

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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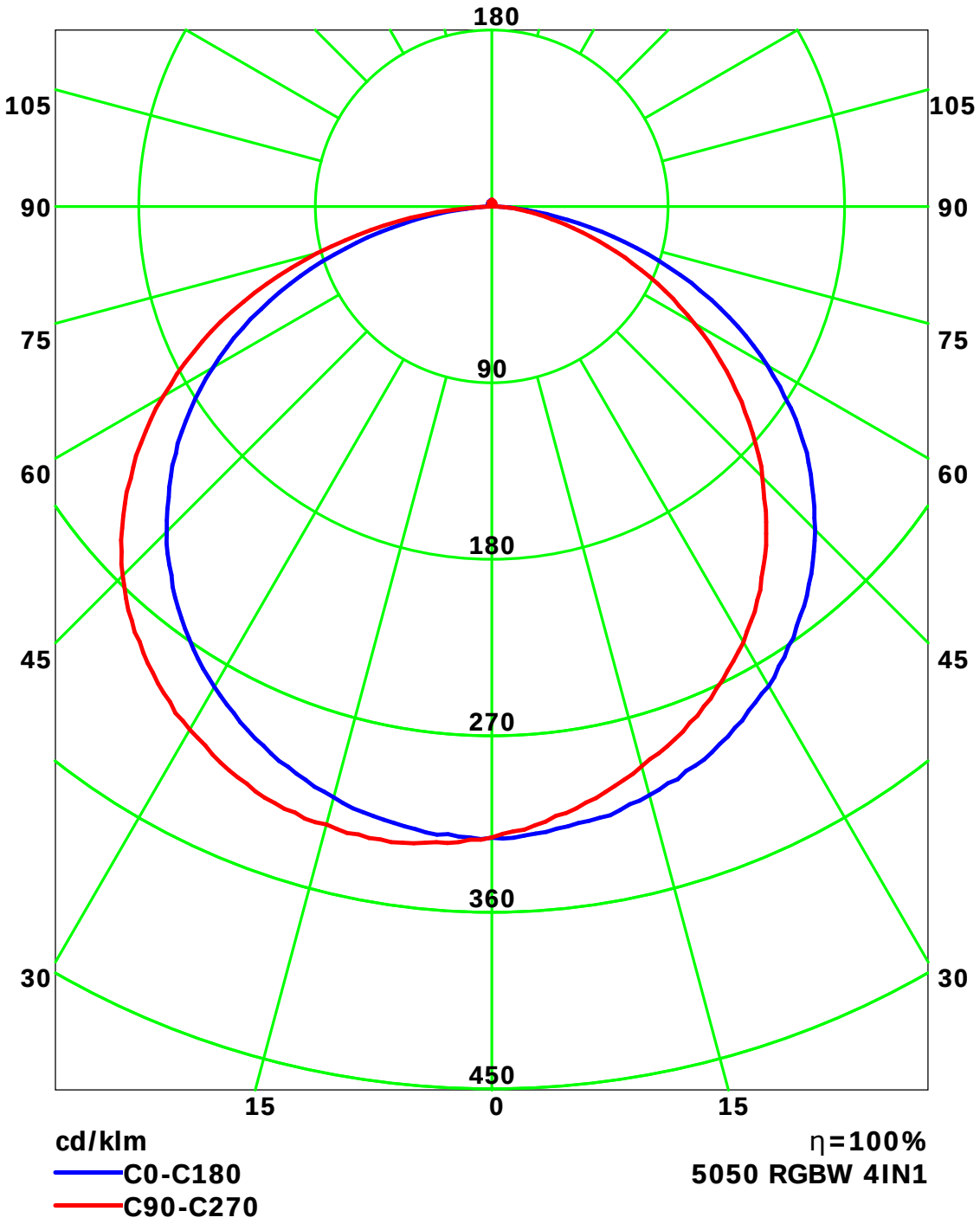
Inspector:

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
Test Device: GPM-1800B
Distance: 9.028 m
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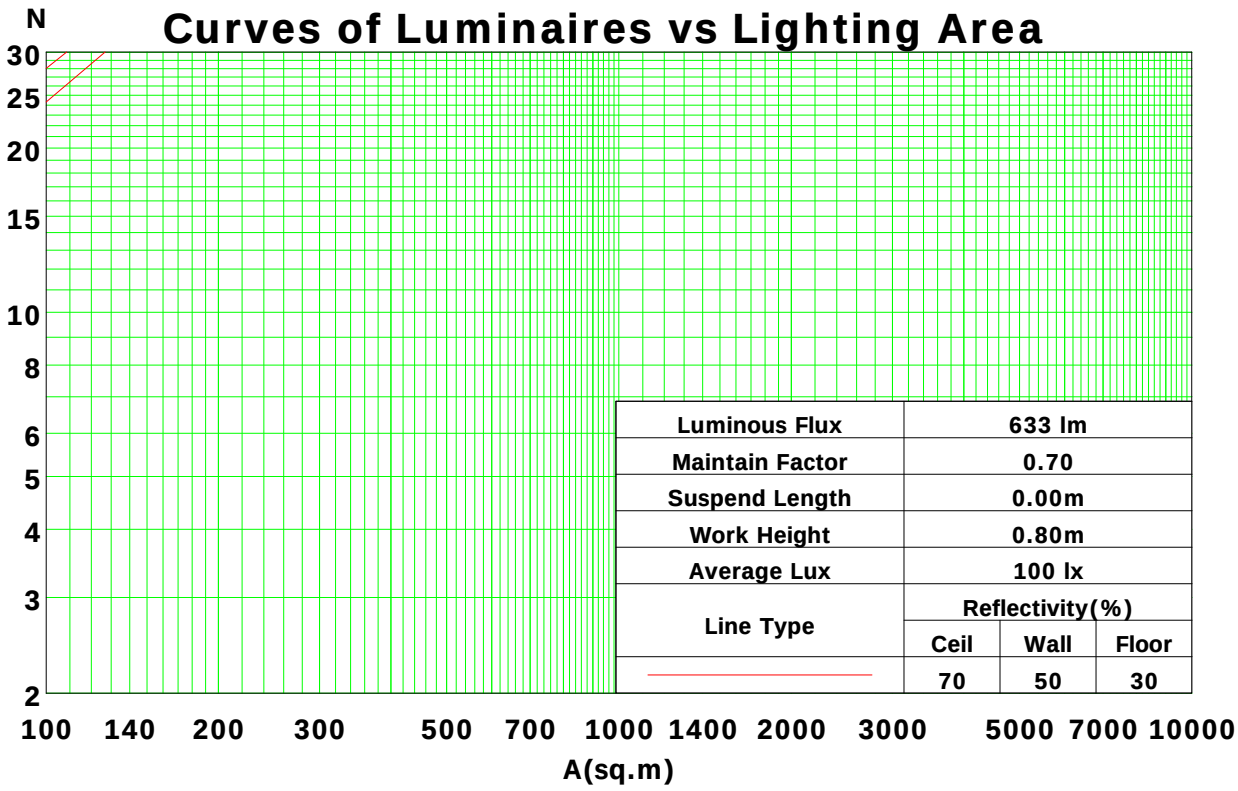
Inspector:

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	103	99	95	105	101	97	94	97	93	90	93	90	87	89	87	85	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	56	51	60	55	51	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	55	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.31
Spacing Criteria (90-270): 1.30
Spacing Criteria (Diagonal): 1.44

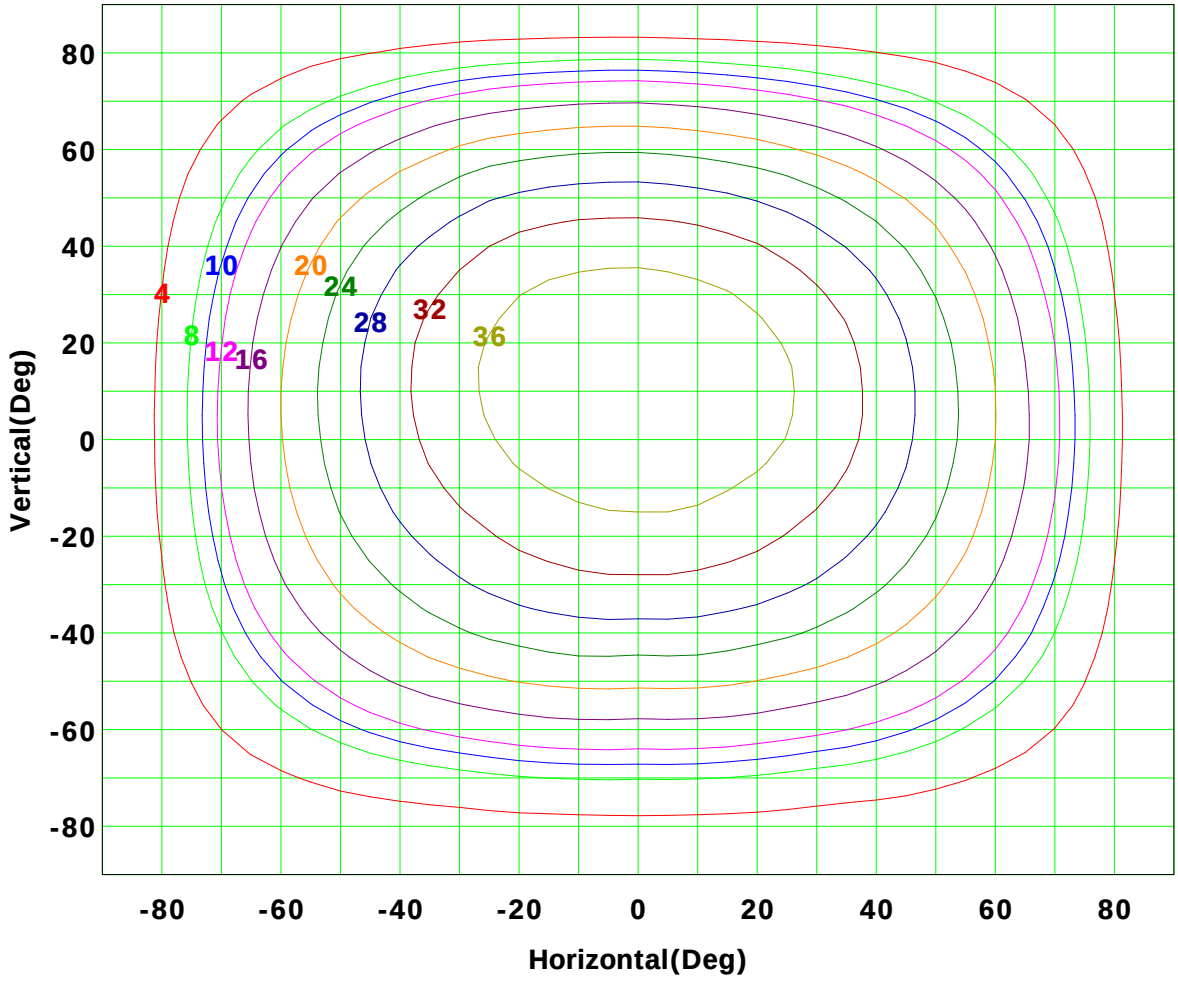
Curves of Luminaires vs Lighting Area



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)



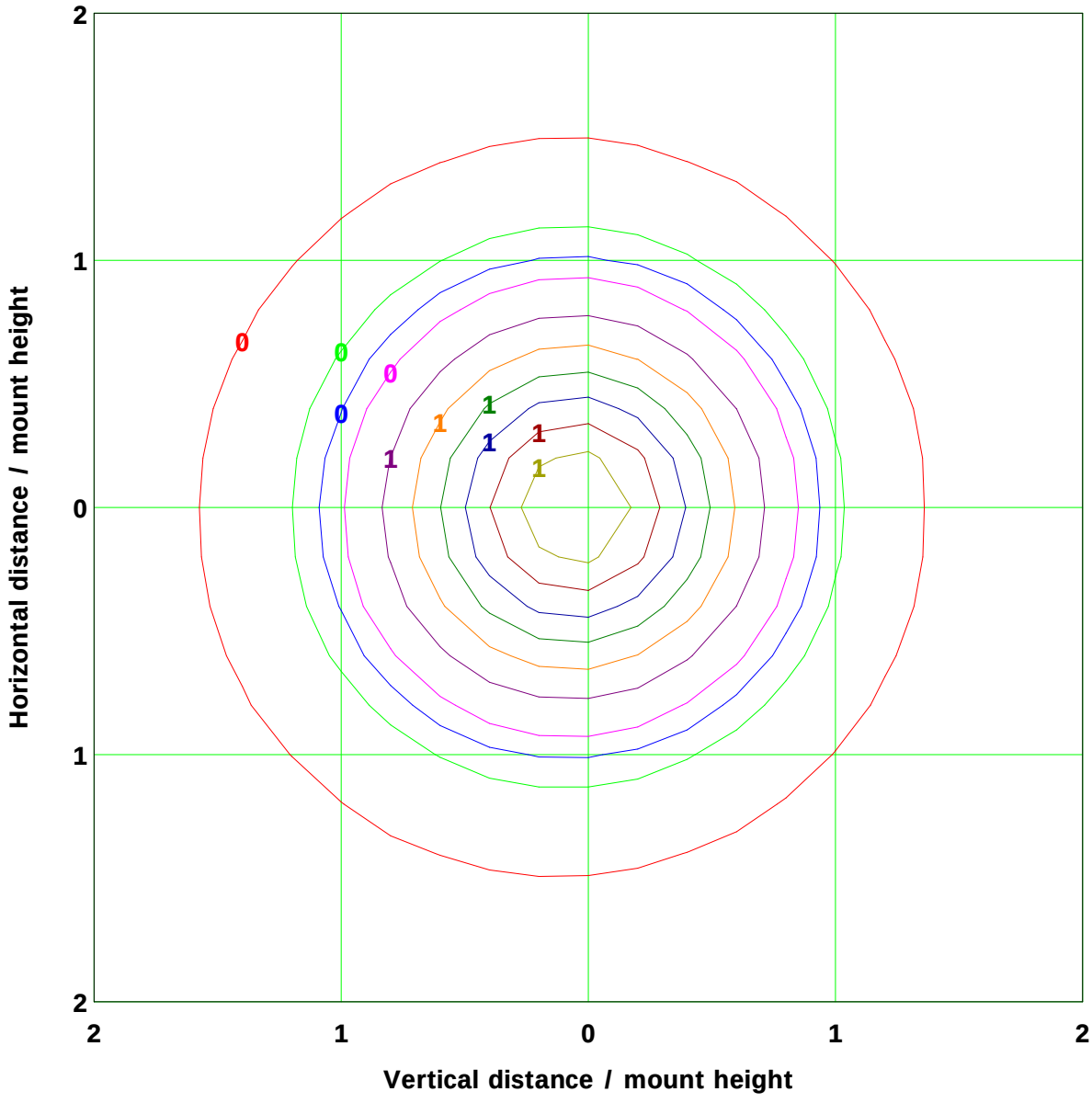
Imax (100%): 40 cd

(10%):	4 cd	(20%):	8 cd
(25%):	10 cd	(30%):	12 cd
(40%):	16 cd	(50%):	20 cd
(60%):	24 cd	(70%):	28 cd
(80%):	32 cd	(90%):	36 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%): 1.6 lx

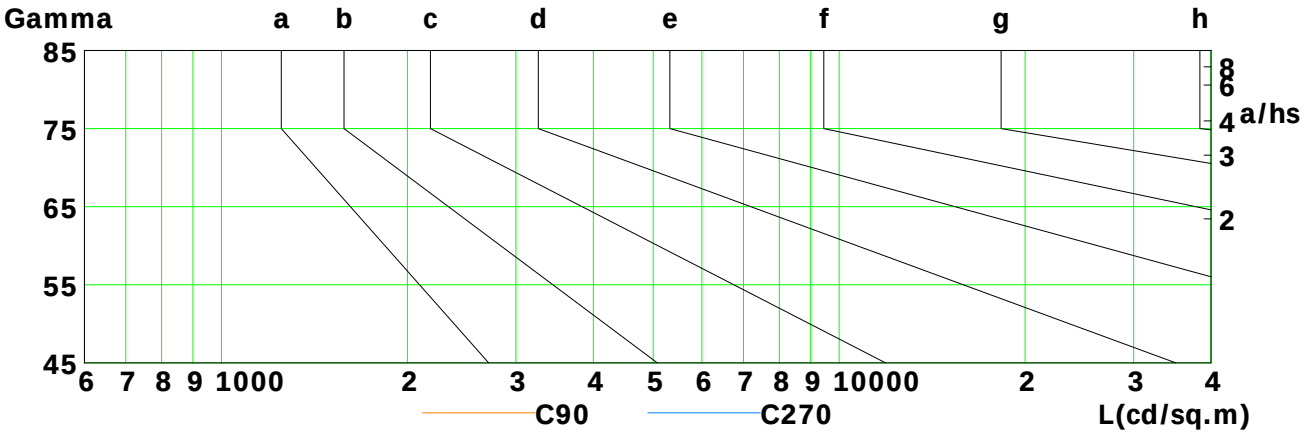
(10%): 0.2 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.5 lx
(40%): 0.6 lx	(50%): 0.8 lx
(60%): 0.9 lx	(70%): 1.1 lx
(80%): 1.3 lx	(90%): 1.4 lx

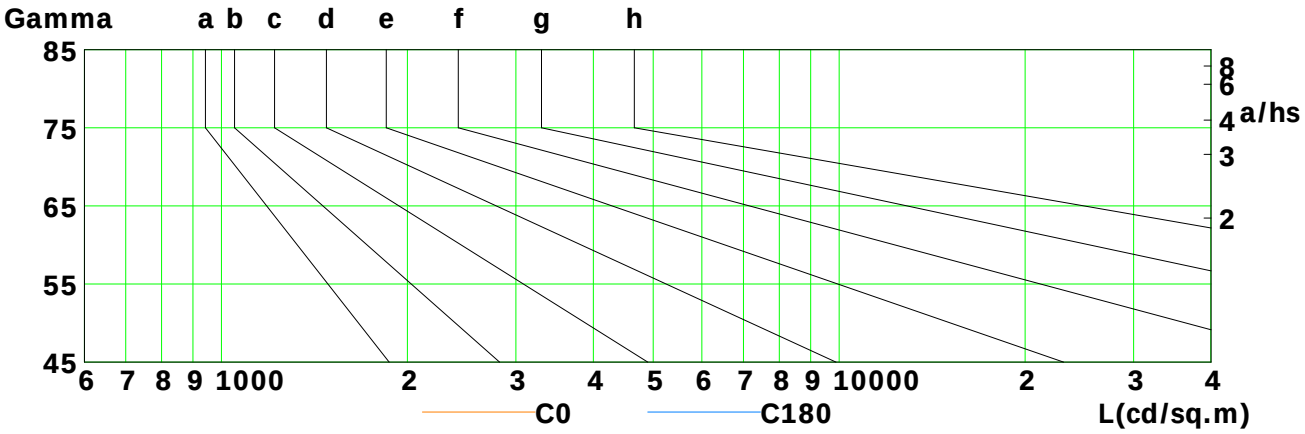
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



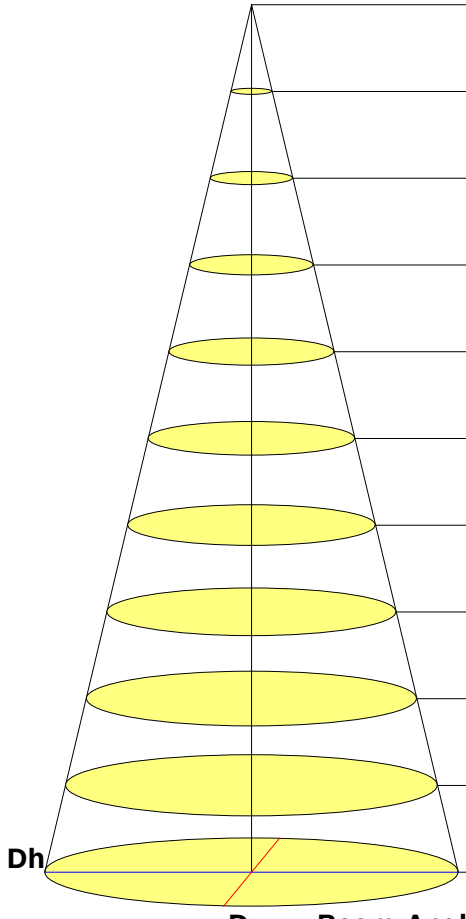


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	431	432	430	423	410	387	347	287	185
C90	361	348	332	311	287	254	215	181	159
C180	434	434	433	428	417	393	356	295	182
C270	492	499	504	504	501	487	459	407	278

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



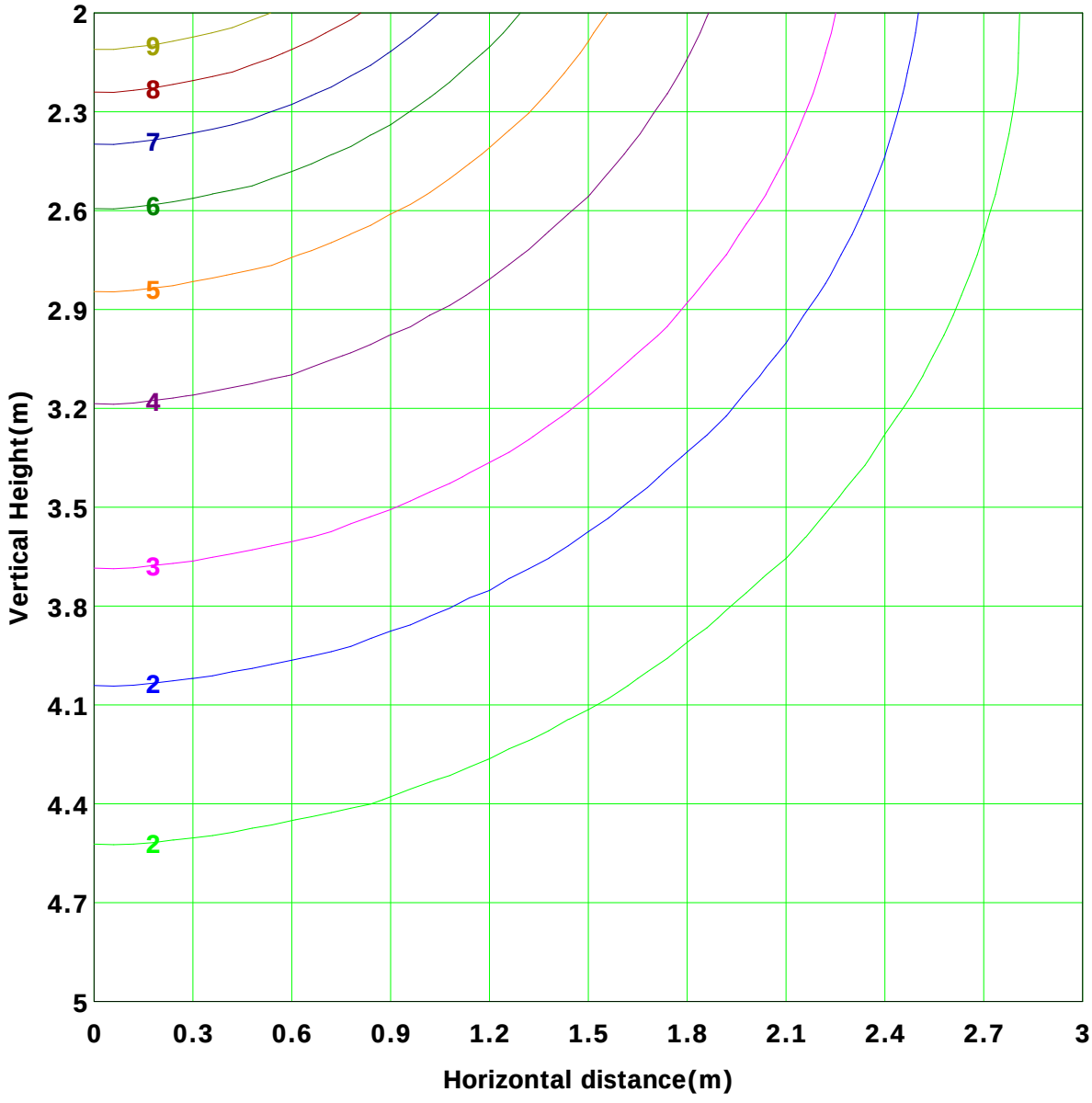
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	39.18	3.52/3.26	9.8	5.11
2.0	9.80	7.04/6.52	39.2	1.28
3.0	4.35	10.56/9.78	88.3	0.57
4.0	2.45	14.08/13.05	156.9	0.32
5.0	1.57	17.59/16.31	245.2	0.20
6.0	1.09	21.11/19.57	353.1	0.14
7.0	0.80	24.63/22.83	480.6	0.10
8.0	0.61	28.15/26.09	627.8	0.08
9.0	0.48	31.67/29.35	794.5	0.06
10.0	0.39	35.19/32.61	980.9	0.05

Beam Angle(B): H120.8 V117.0 Field Angle(F): H162.6 V160.9

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: 9.8 lx

(10%): 1.0 lx	(20%): 2.0 lx
(25%): 2.4 lx	(30%): 2.9 lx
(40%): 3.9 lx	(50%): 4.9 lx
(60%): 5.9 lx	(70%): 6.9 lx
(80%): 7.8 lx	(90%): 8.8 lx

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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Area Flux Table

Unit: lm

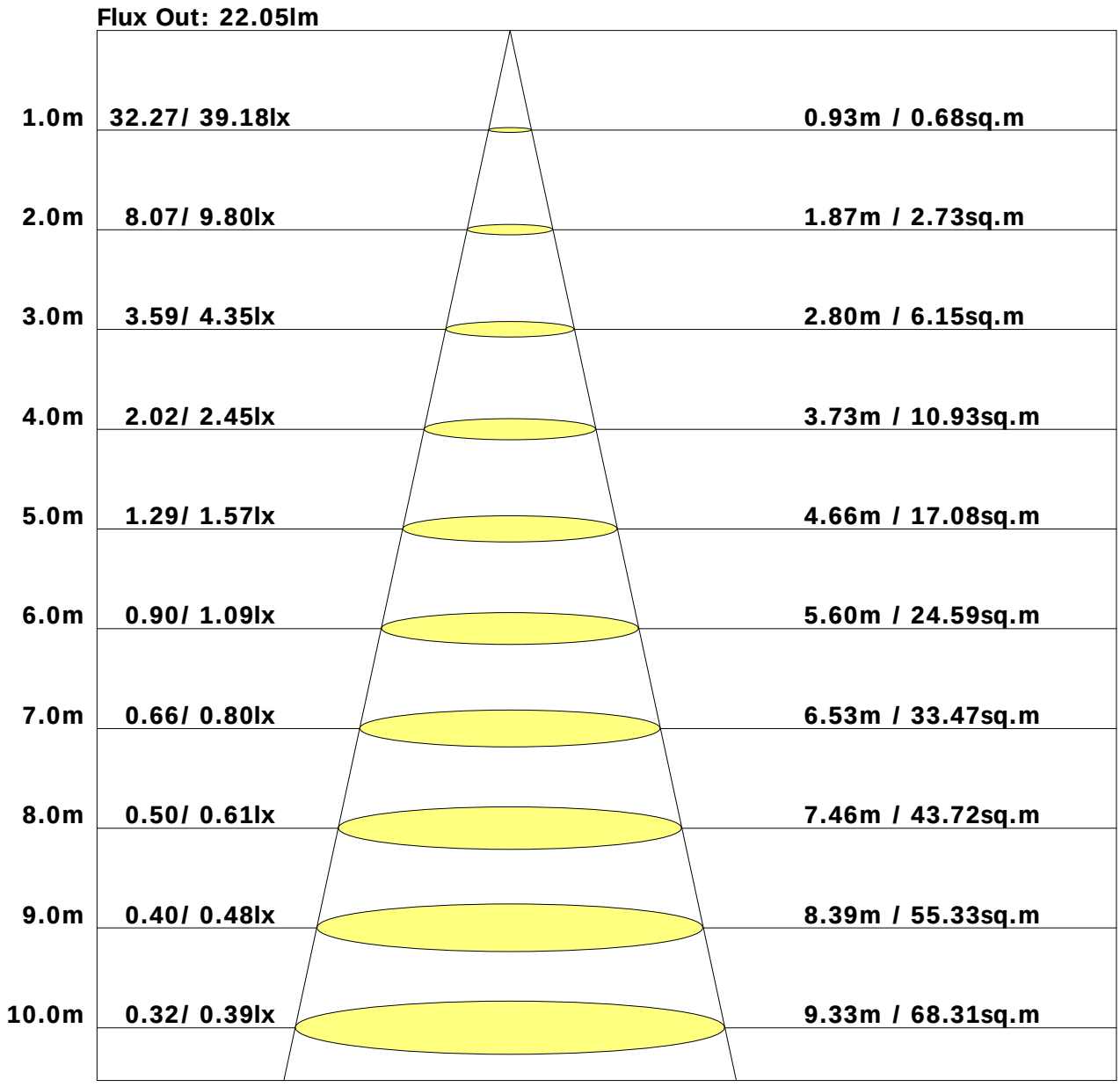
Vertical plane (rows) / Horizontal plane (columns)

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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		0.6	0.3
-80	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0		2.8	2.7
-70	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		5.1	5.0
-60	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.7	0.8	0.8	0.8	0.7	0.5	0.4	0.2	0.1	0.0	0.0		7.1	7.1
-50	0.0	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.0	0.0		8.7	8.7
-40	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.8	0.6	0.4	0.2	0.1	0.0		9.8	9.8
-30	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0		10.6	10.5
-20	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0		10.9	10.9
-10	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0		10.9	10.9
0	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0		10.6	10.6
10	0.0	0.1	0.2	0.4	0.6	0.8	0.9	1.0	1.1	1.1	1.0	0.9	0.8	0.6	0.4	0.2	0.1	0.0		10.0	10.0
20	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.1	0.0		9.1	9.1
30	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.2	0.0	0.0		8.0	8.0
40	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0		6.6	6.5
50	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0		4.9	4.8
60	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0		3.1	3.0
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0		1.4	1.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.4	0.0
90																					
Flux(T)	0.1	0.7	2.2	4.3	6.7	9.0	11.0	12.5	13.3	13.4	12.7	11.2	9.2	6.8	4.3	2.2	0.7	0.1		120	
Flux(E)	0.0	0.6	2.1	4.2	6.6	8.9	10.9	12.4	13.2	13.3	12.6	11.1	9.1	6.7	4.3	2.1	0.6	0.0			119

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



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	16.7	18.4	17.1	18.7	19.1	15.0	16.6	15.4	17.0	17.3
3H	18.6	20.1	19.0	20.4	20.8	16.5	18.0	16.9	18.3	18.7
4H	19.2	20.6	19.6	21.0	21.4	17.0	18.4	17.4	18.7	19.1
6H	19.7	21.0	20.1	21.3	21.8	17.3	18.6	17.7	18.9	19.4
8H	19.8	21.0	20.2	21.4	21.9	17.4	18.6	17.8	19.0	19.4
12H	19.8	21.0	20.3	21.4	21.9	17.4	18.6	17.9	19.0	19.5
X=4H Y=2H	17.4	18.8	17.8	19.2	19.6	15.7	17.1	16.1	17.5	17.9
3H	19.5	20.6	19.9	21.1	21.5	17.3	18.5	17.8	18.9	19.4
4H	20.2	21.3	20.7	21.7	22.2	17.9	19.0	18.4	19.4	19.9
6H	20.8	21.7	21.3	22.2	22.6	18.3	19.2	18.8	19.7	20.2
8H	20.9	21.8	21.4	22.3	22.7	18.4	19.3	18.9	19.8	20.3
12H	21.0	21.8	21.5	22.3	22.8	18.5	19.3	19.0	19.8	20.3
X=8H Y=4H	20.6	21.4	21.0	21.9	22.4	18.2	19.1	18.7	19.6	20.0
6H	21.2	21.9	21.7	22.4	22.9	18.7	19.4	19.2	19.9	20.4
8H	21.4	22.1	21.9	22.6	23.1	18.9	19.5	19.4	20.0	20.5
12H	21.5	22.1	22.1	22.6	23.2	19.0	19.6	19.5	20.1	20.7
X=12H Y=4H	20.6	21.4	21.1	21.9	22.4	18.3	19.0	18.7	19.5	20.0
6H	21.3	21.9	21.8	22.4	23.0	18.8	19.4	19.3	19.9	20.4
8H	21.5	22.1	22.0	22.6	23.2	19.0	19.5	19.5	20.0	20.6

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 = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.58	0.67	0.75	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.51	0.59	0.67	0.73	0.81	0.87	0.91	0.96	1.00
	0.20		0.45	0.53	0.62	0.68	0.76	0.82	0.86	0.92	0.97
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.50	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.45	0.53	0.61	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.55	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.49	0.57	0.64	0.69	0.77	0.81	0.85	0.89	0.92
	0.20		0.44	0.52	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.42	0.49	0.57	0.62	0.69	0.74	0.78	0.82	0.85

Rating:6W 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
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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 = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.97	0.82	0.69	0.60	0.48	0.40	0.34	0.27	0.21
	0.30		0.81	0.70	0.61	0.53	0.44	0.37	0.32	0.25	0.20
	0.20		0.69	0.61	0.54	0.48	0.40	0.34	0.29	0.24	0.20
0.50	0.50	0.20	0.93	0.79	0.66	0.58	0.46	0.41	0.32	0.25	0.20
	0.30		0.79	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20
	0.20		0.68	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.90	0.76	0.64	0.55	0.44	0.36	0.31	0.24	0.19
	0.30		0.77	0.67	0.57	0.50	0.40	0.34	0.29	0.23	0.19
	0.20		0.67	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.57	0.50	0.42	0.37	0.30	0.25	0.22	0.17	0.14

Rating:6W 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 = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.17	0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:6W 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	39.2	0.0	0.0	0.03	0.03
1.0-2.0	39.1	0.1	0.1	0.09	0.12
2.0-3.0	39.1	0.2	0.3	0.15	0.28
3.0-4.0	39.1	0.3	0.6	0.21	0.49
4.0-5.0	39.0	0.3	0.9	0.28	0.77
5.0-6.0	39.0	0.4	1.3	0.34	1.10
6.0-7.0	38.9	0.5	1.8	0.40	1.50
7.0-8.0	38.8	0.6	2.4	0.46	1.96
8.0-9.0	38.7	0.6	3.0	0.52	2.47
9.0-10.0	38.6	0.7	3.7	0.57	3.05
10.0-11.0	38.5	0.8	4.5	0.63	3.68
11.0-12.0	38.4	0.8	5.3	0.69	4.37
12.0-13.0	38.2	0.9	6.2	0.75	5.12
13.0-14.0	38.1	1.0	7.2	0.80	5.92
14.0-15.0	37.9	1.0	8.2	0.86	6.77
15.0-16.0	37.8	1.1	9.3	0.91	7.68
16.0-17.0	37.6	1.2	10.5	0.96	8.65
17.0-18.0	37.5	1.2	11.8	1.02	9.66
18.0-19.0	37.3	1.3	13.1	1.07	10.73
19.0-20.0	37.1	1.4	14.4	1.12	11.85
20.0-21.0	36.9	1.4	15.8	1.16	13.01
21.0-22.0	36.6	1.5	17.3	1.21	14.22
22.0-23.0	36.4	1.5	18.8	1.26	15.48
23.0-24.0	36.2	1.6	20.4	1.30	16.78
24.0-25.0	36.0	1.6	22.0	1.34	18.12
25.0-26.0	35.7	1.7	23.7	1.38	19.51
26.0-27.0	35.4	1.7	25.5	1.42	20.93
27.0-28.0	35.1	1.8	27.2	1.46	22.39
28.0-29.0	34.8	1.8	29.1	1.50	23.89
29.0-30.0	34.5	1.9	30.9	1.53	25.42
30.0-31.0	34.2	1.9	32.8	1.57	26.99
31.0-32.0	33.9	1.9	34.8	1.60	28.59
32.0-33.0	33.6	2.0	36.8	1.63	30.21
33.0-34.0	33.2	2.0	38.8	1.65	31.87
34.0-35.0	32.9	2.0	40.8	1.68	33.55
35.0-36.0	32.5	2.1	42.9	1.70	35.25

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	32.1	2.1	45.0	1.72	36.97
37.0-38.0	31.7	2.1	47.1	1.74	38.71
38.0-39.0	31.4	2.1	49.2	1.76	40.47
39.0-40.0	31.0	2.2	51.4	1.77	42.25
40.0-41.0	30.5	2.2	53.6	1.79	44.03
41.0-42.0	30.1	2.2	55.8	1.80	45.83
42.0-43.0	29.6	2.2	58.0	1.80	47.63
43.0-44.0	29.1	2.2	60.2	1.81	49.44
44.0-45.0	28.7	2.2	62.4	1.81	51.25
45.0-46.0	28.2	2.2	64.6	1.81	53.06
46.0-47.0	27.7	2.2	66.8	1.81	54.87
47.0-48.0	27.2	2.2	69.0	1.81	56.68
48.0-49.0	26.6	2.2	71.1	1.80	58.48
49.0-50.0	26.1	2.2	73.3	1.79	60.26
50.0-51.0	25.5	2.2	75.5	1.78	62.04
51.0-52.0	25.0	2.1	77.6	1.76	63.80
52.0-53.0	24.4	2.1	79.7	1.74	65.55
53.0-54.0	23.8	2.1	81.8	1.72	67.27
54.0-55.0	23.2	2.1	83.9	1.70	68.97
55.0-56.0	22.6	2.0	86.0	1.68	70.65
56.0-57.0	21.9	2.0	88.0	1.65	72.30
57.0-58.0	21.3	2.0	89.9	1.62	73.91
58.0-59.0	20.6	1.9	91.9	1.58	75.50
59.0-60.0	19.9	1.9	93.7	1.55	77.05
60.0-61.0	19.2	1.8	95.6	1.51	78.56
61.0-62.0	18.5	1.8	97.4	1.47	80.02
62.0-63.0	17.8	1.7	99.1	1.43	81.45
63.0-64.0	17.1	1.7	100.8	1.38	82.83
64.0-65.0	16.4	1.6	102.4	1.33	84.16
65.0-66.0	15.6	1.6	104.0	1.28	85.44
66.0-67.0	14.8	1.5	105.4	1.23	86.67
67.0-68.0	14.1	1.4	106.9	1.17	87.84
68.0-69.0	13.3	1.4	108.2	1.12	88.96
69.0-70.0	12.5	1.3	109.5	1.06	90.02
70.0-71.0	11.8	1.2	110.7	1.00	91.01
71.0-72.0	11.0	1.1	111.9	0.94	91.95

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	10.2	1.1	112.9	0.88	92.83
73.0-74.0	9.4	1.0	113.9	0.82	93.65
74.0-75.0	8.7	0.9	114.9	0.75	94.40
75.0-76.0	7.9	0.8	115.7	0.69	95.09
76.0-77.0	7.2	0.8	116.5	0.63	95.72
77.0-78.0	6.5	0.7	117.2	0.57	96.29
78.0-79.0	5.8	0.6	117.8	0.51	96.80
79.0-80.0	5.1	0.5	118.3	0.45	97.25
80.0-81.0	4.4	0.5	118.8	0.39	97.65
81.0-82.0	3.8	0.4	119.2	0.34	97.98
82.0-83.0	3.1	0.3	119.6	0.28	98.26
83.0-84.0	2.6	0.3	119.8	0.23	98.49
84.0-85.0	2.0	0.2	120.1	0.18	98.67
85.0-86.0	1.5	0.2	120.2	0.13	98.81
86.0-87.0	1.0	0.1	120.3	0.09	98.89
87.0-88.0	0.6	0.1	120.4	0.05	98.94
88.0-89.0	0.3	0.0	120.4	0.02	98.97
89.0-90.0	0.1	0.0	120.4	0.01	98.98
90.0-91.0	0.1	0.0	120.4	0.01	98.99
91.0-92.0	0.1	0.0	120.4	0.01	99.00
92.0-93.0	0.1	0.0	120.5	0.01	99.00
93.0-94.0	0.1	0.0	120.5	0.01	99.01
94.0-95.0	0.1	0.0	120.5	0.01	99.02
95.0-96.0	0.1	0.0	120.5	0.01	99.02
96.0-97.0	0.1	0.0	120.5	0.01	99.03
97.0-98.0	0.1	0.0	120.5	0.01	99.04
98.0-99.0	0.1	0.0	120.5	0.01	99.05
99.0-100.0	0.1	0.0	120.5	0.01	99.06
100.0-101.0	0.1	0.0	120.5	0.01	99.07
101.0-102.0	0.1	0.0	120.6	0.01	99.08
102.0-103.0	0.1	0.0	120.6	0.01	99.09
103.0-104.0	0.1	0.0	120.6	0.01	99.10
104.0-105.0	0.1	0.0	120.6	0.01	99.11
105.0-106.0	0.1	0.0	120.6	0.01	99.12
106.0-107.0	0.1	0.0	120.6	0.01	99.13
107.0-108.0	0.1	0.0	120.6	0.01	99.15

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	0.1	0.0	120.6	0.01	99.16
109.0-110.0	0.1	0.0	120.7	0.01	99.17
110.0-111.0	0.2	0.0	120.7	0.01	99.18
111.0-112.0	0.2	0.0	120.7	0.01	99.20
112.0-113.0	0.2	0.0	120.7	0.01	99.21
113.0-114.0	0.2	0.0	120.7	0.01	99.23
114.0-115.0	0.2	0.0	120.7	0.01	99.24
115.0-116.0	0.2	0.0	120.8	0.01	99.25
116.0-117.0	0.2	0.0	120.8	0.01	99.27
117.0-118.0	0.2	0.0	120.8	0.01	99.28
118.0-119.0	0.2	0.0	120.8	0.02	99.30
119.0-120.0	0.2	0.0	120.8	0.01	99.31
120.0-121.0	0.2	0.0	120.9	0.02	99.33
121.0-122.0	0.2	0.0	120.9	0.02	99.34
122.0-123.0	0.2	0.0	120.9	0.02	99.36
123.0-124.0	0.2	0.0	120.9	0.02	99.37
124.0-125.0	0.2	0.0	120.9	0.02	99.39
125.0-126.0	0.2	0.0	120.9	0.02	99.41
126.0-127.0	0.2	0.0	121.0	0.02	99.42
127.0-128.0	0.2	0.0	121.0	0.02	99.44
128.0-129.0	0.2	0.0	121.0	0.02	99.46
129.0-130.0	0.2	0.0	121.0	0.01	99.47
130.0-131.0	0.2	0.0	121.0	0.01	99.49
131.0-132.0	0.2	0.0	121.1	0.02	99.50
132.0-133.0	0.2	0.0	121.1	0.02	99.52
133.0-134.0	0.2	0.0	121.1	0.02	99.53
134.0-135.0	0.3	0.0	121.1	0.02	99.55
135.0-136.0	0.3	0.0	121.1	0.02	99.56
136.0-137.0	0.3	0.0	121.2	0.02	99.58
137.0-138.0	0.3	0.0	121.2	0.02	99.60
138.0-139.0	0.3	0.0	121.2	0.02	99.61
139.0-140.0	0.3	0.0	121.2	0.02	99.63
140.0-141.0	0.3	0.0	121.2	0.02	99.64
141.0-142.0	0.3	0.0	121.3	0.02	99.66
142.0-143.0	0.3	0.0	121.3	0.02	99.67
143.0-144.0	0.3	0.0	121.3	0.02	99.69

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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.3	0.0	121.3	0.02	99.71
145.0-146.0	0.3	0.0	121.3	0.01	99.72
146.0-147.0	0.3	0.0	121.3	0.01	99.73
147.0-148.0	0.3	0.0	121.4	0.01	99.75
148.0-149.0	0.3	0.0	121.4	0.01	99.76
149.0-150.0	0.3	0.0	121.4	0.01	99.78
150.0-151.0	0.3	0.0	121.4	0.01	99.79
151.0-152.0	0.3	0.0	121.4	0.01	99.80
152.0-153.0	0.3	0.0	121.4	0.01	99.82
153.0-154.0	0.3	0.0	121.5	0.01	99.83
154.0-155.0	0.3	0.0	121.5	0.01	99.84
155.0-156.0	0.3	0.0	121.5	0.01	99.85
156.0-157.0	0.3	0.0	121.5	0.01	99.86
157.0-158.0	0.3	0.0	121.5	0.01	99.87
158.0-159.0	0.3	0.0	121.5	0.01	99.88
159.0-160.0	0.3	0.0	121.5	0.01	99.89
160.0-161.0	0.3	0.0	121.6	0.01	99.90
161.0-162.0	0.3	0.0	121.6	0.01	99.91
162.0-163.0	0.3	0.0	121.6	0.01	99.92
163.0-164.0	0.3	0.0	121.6	0.01	99.93
164.0-165.0	0.3	0.0	121.6	0.01	99.94
165.0-166.0	0.3	0.0	121.6	0.01	99.95
166.0-167.0	0.4	0.0	121.6	0.01	99.95
167.0-168.0	0.3	0.0	121.6	0.01	99.96
168.0-169.0	0.3	0.0	121.6	0.01	99.97
169.0-170.0	0.4	0.0	121.6	0.01	99.97
170.0-171.0	0.3	0.0	121.6	0.01	99.98
171.0-172.0	0.3	0.0	121.6	0.00	99.98
172.0-173.0	0.3	0.0	121.7	0.00	99.99
173.0-174.0	0.3	0.0	121.7	0.00	99.99
174.0-175.0	0.3	0.0	121.7	0.00	99.99
175.0-176.0	0.3	0.0	121.7	0.00	100.00
176.0-177.0	0.4	0.0	121.7	0.00	100.00
177.0-178.0	0.4	0.0	121.7	0.00	100.00
178.0-179.0	0.4	0.0	121.7	0.00	100.00
179.0-180.0	0.4	0.0	121.7	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: