

Report No.:

Test Time: 2020/11/18 09:23

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Contour 3.0

Lamp Catalog: 9N-B

Number of Lamps: 160

Luminous Width (mm): 8

Voltage: 24.0 V

Power: 4.92 W

Luminaire Description: RB0SCS2203.0B-9N

Lamp Description: 2835 BLUE

Luminous Length (mm): 500

Luminous Height (mm): 12

Current: 0.205 A

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 33 lm

Downward Ratio: 76%

Horizontal Diffuse Angle(10%,50%): H160.3,H107.8

Vertical Diffuse Angle(10%,50%): V270.1,V171.6

Luminaire Efficacy Rating (LER): 7

Max. Intensity: 8.82 cd

Total Rated Lamp Lumens: 33.0 lm

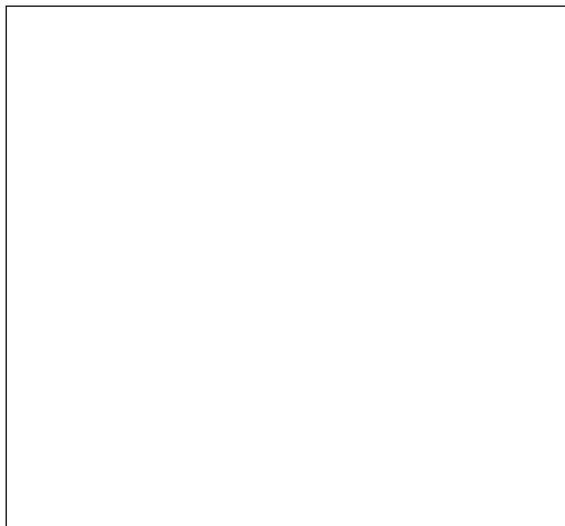
Efficiency: 100%

Upward Ratio: 24%

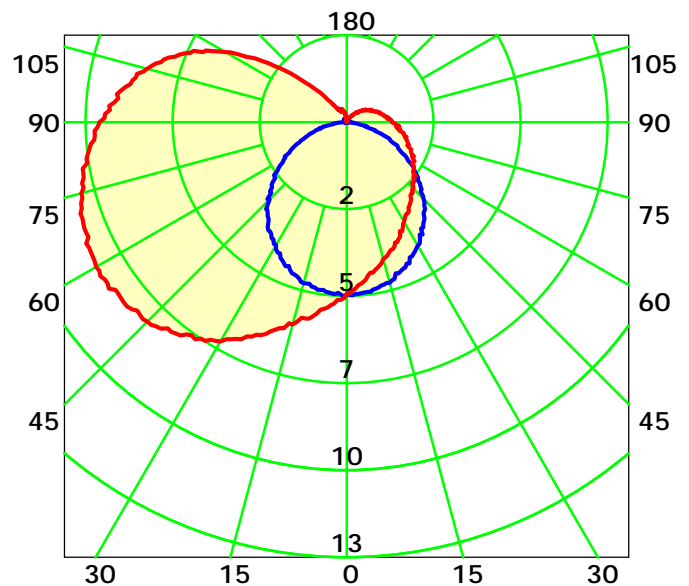
Central Intensity: 5.24 cd

Pos of Max. Intensity: H270 V58

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 139.7° Unit: cd

— C0-C180 — C90-C270

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

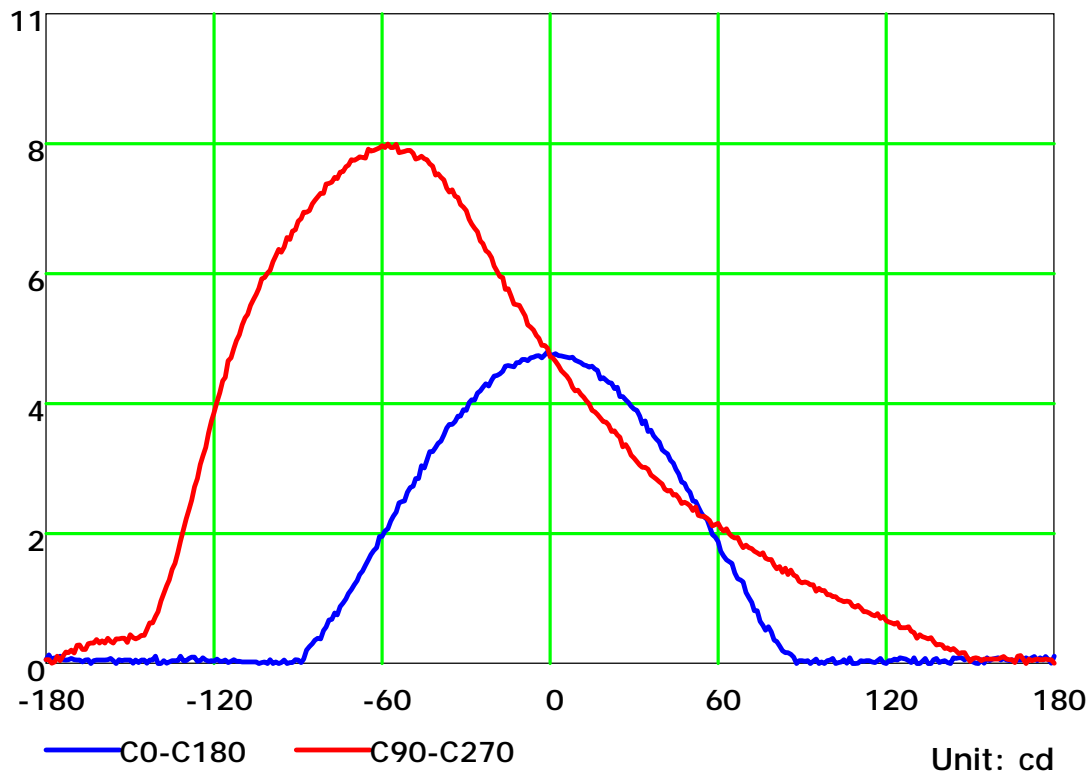
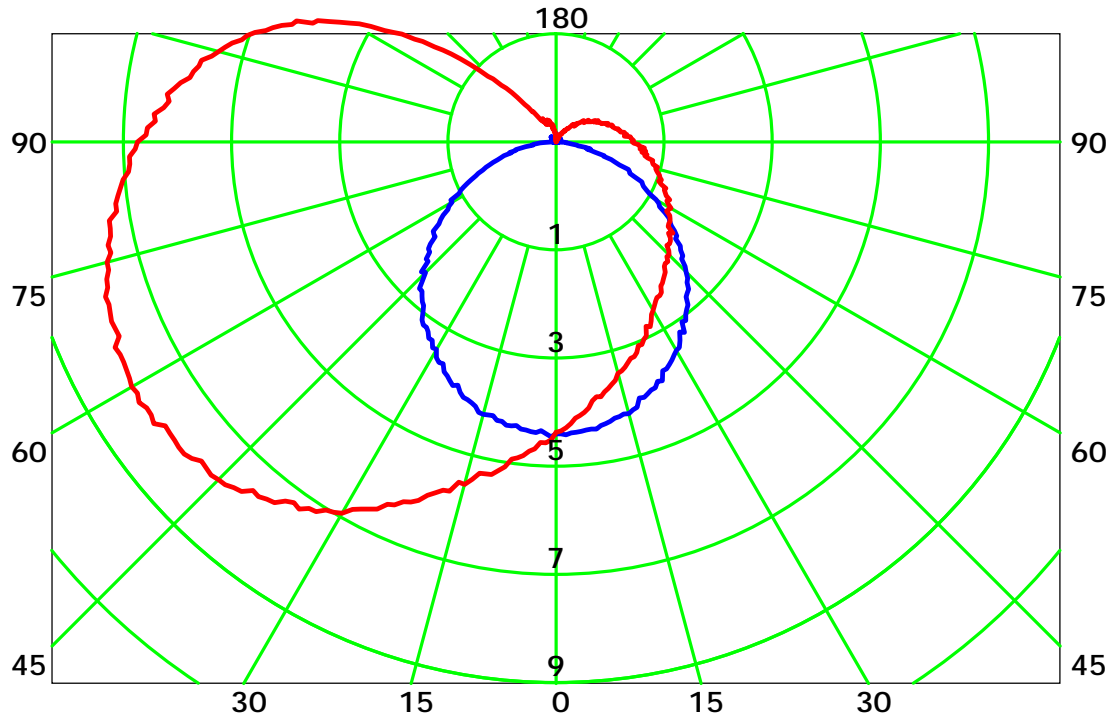
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

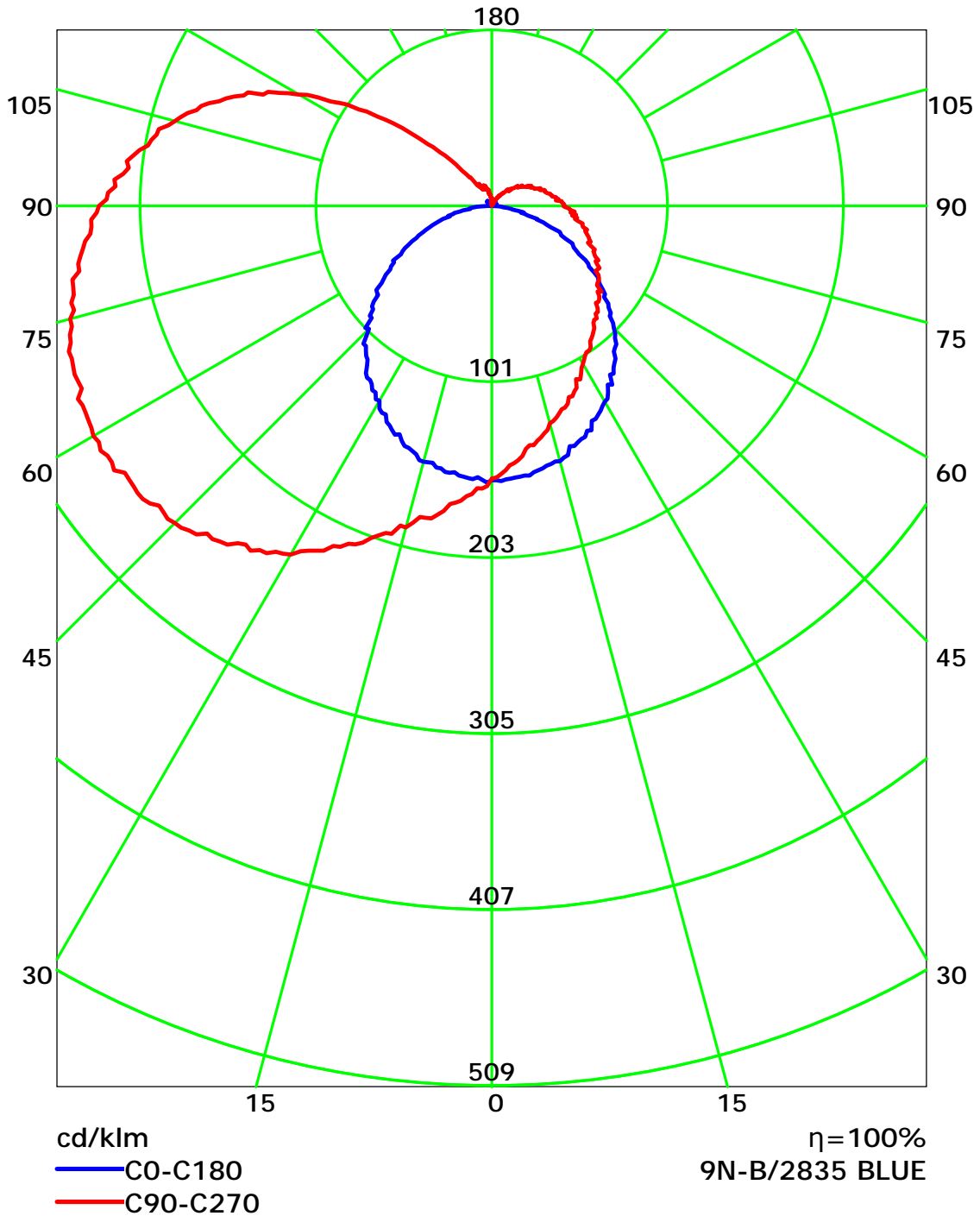
Luminous Intensity Distribution Curve



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:
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:

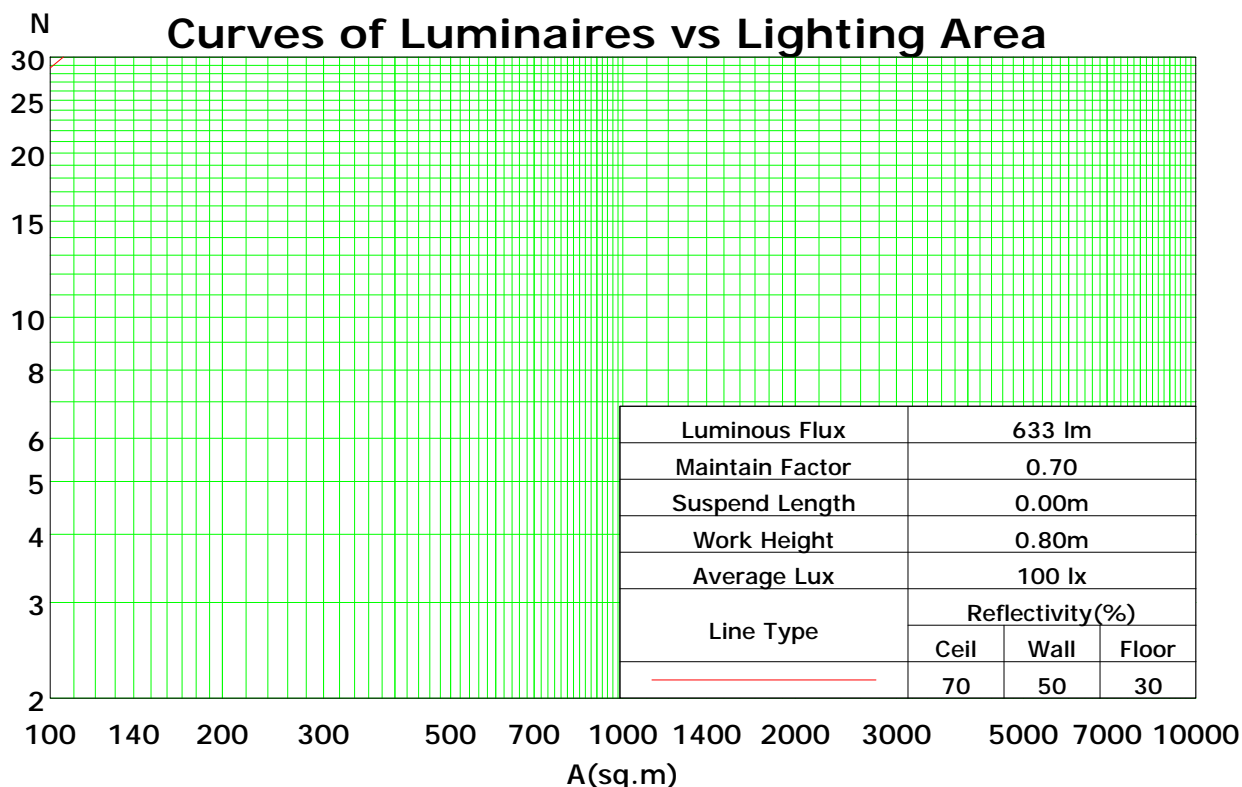
Coefficients Of Utilization - Zonal Cavity Method

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	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80	76
1	99	93	87	82	94	88	83	78	79	75	71	71	68	65	64	61	59	55
2	88	78	70	63	83	74	67	61	67	61	56	60	55	51	53	50	46	42
3	80	68	58	51	75	64	56	49	58	51	45	52	46	41	46	41	37	34
4	72	59	49	42	68	56	47	40	50	43	37	45	39	34	40	35	31	28
5	66	52	42	35	62	50	41	34	45	37	31	40	34	29	36	31	26	23
6	61	47	37	30	57	44	35	29	40	33	27	36	30	25	32	27	23	20
7	56	42	33	26	53	40	31	25	36	29	23	33	26	22	29	24	20	17
8	52	38	29	23	49	36	28	22	33	26	21	30	24	19	27	22	18	15
9	48	35	26	20	46	33	25	20	30	23	18	27	21	17	25	20	16	14
10	45	32	24	18	43	30	23	18	28	21	16	25	19	15	23	18	14	12

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.65

Spacing Criteria (Diagonal): 1.60



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

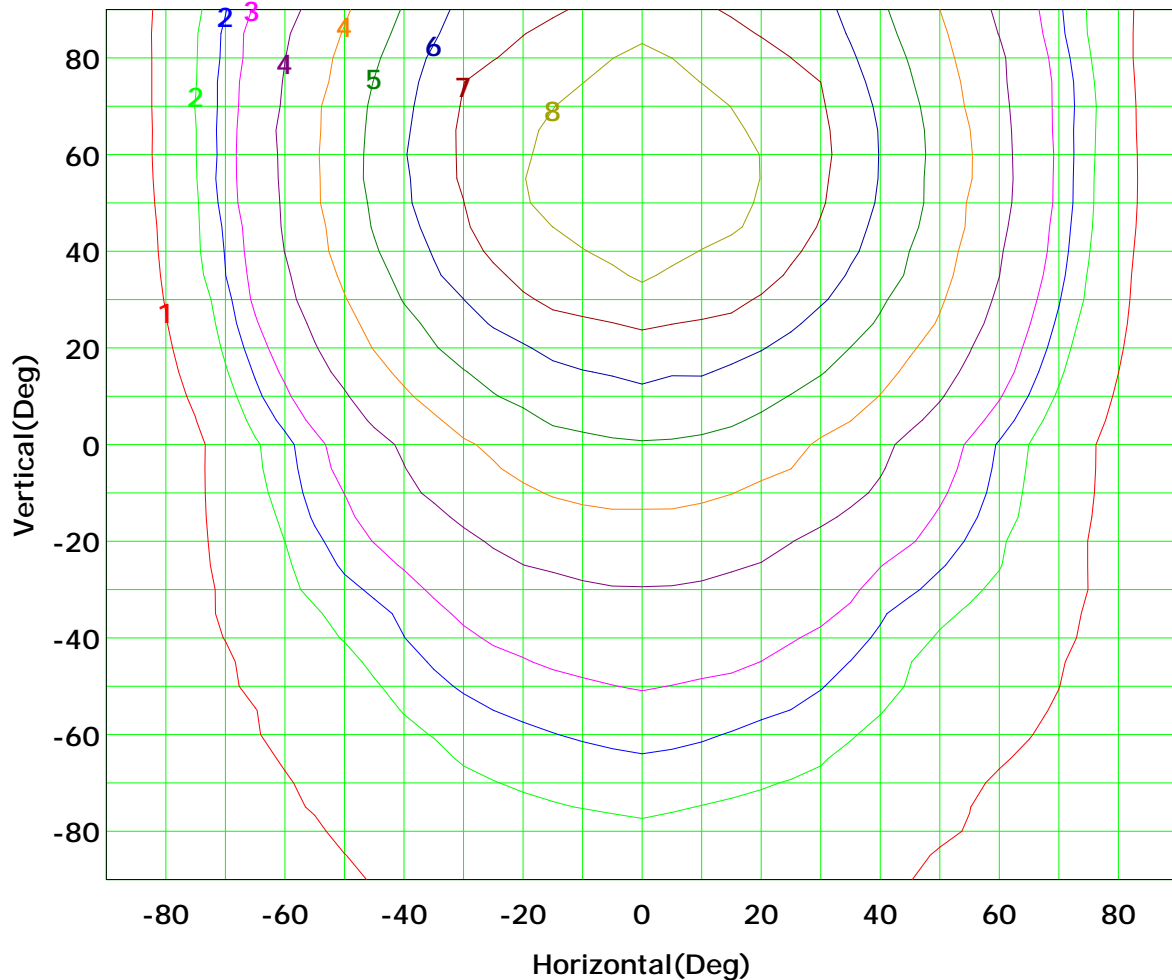
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



I_{max} (100%): 9 cd

(10%):	1 cd	(20%):	2 cd
(25%):	2 cd	(30%):	3 cd
(40%):	4 cd	(50%):	4 cd
(60%):	5 cd	(70%):	6 cd
(80%):	7 cd	(90%):	8 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

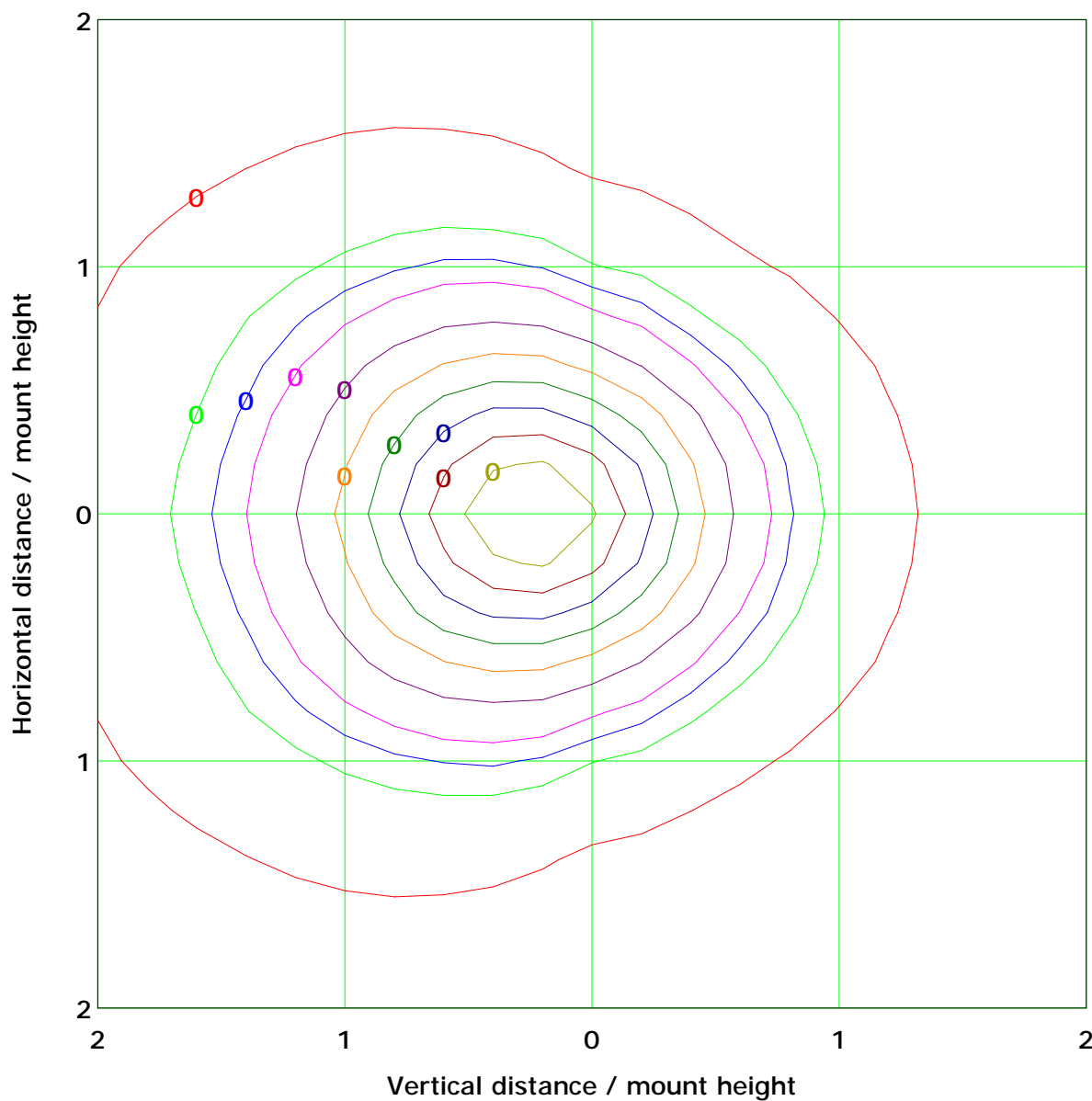
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



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

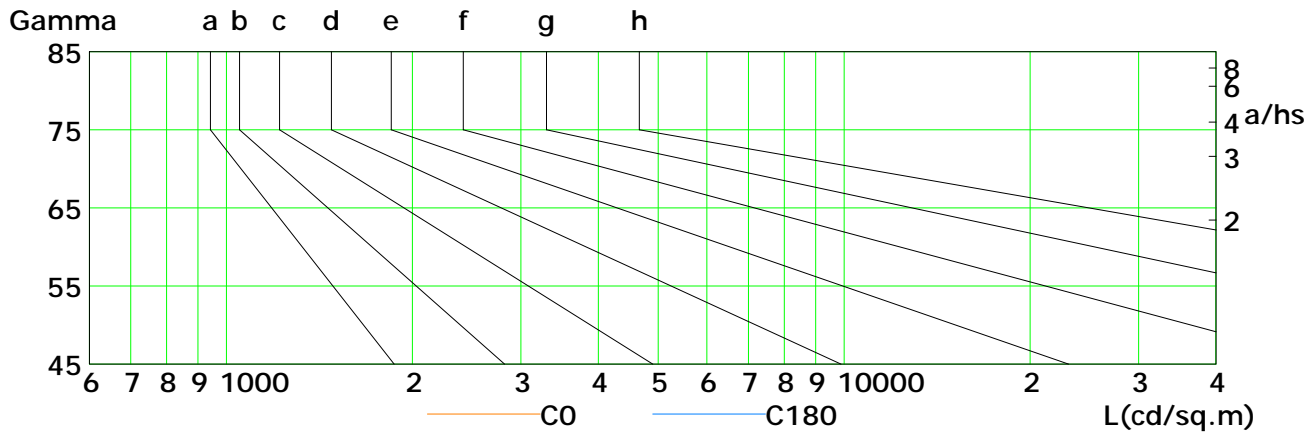
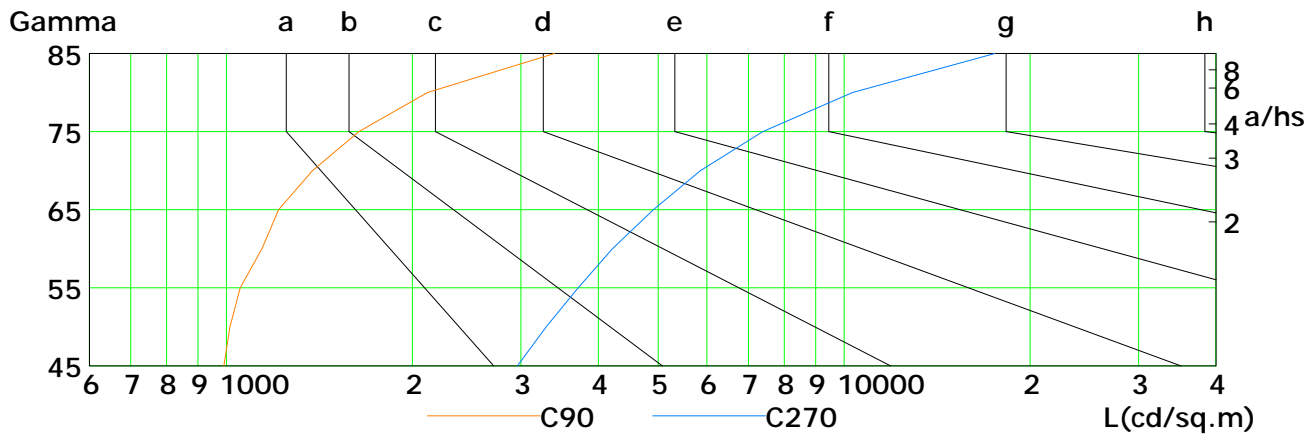
Humidity: 60%

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	467	406	345	288	238	173	105	61	30
C90	991	1013	1054	1143	1215	1378	1640	2116	3399
C180	470	417	356	300	247	191	142	94	54
C270	2959	3293	3713	4220	4911	5856	7394	10315	17557

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

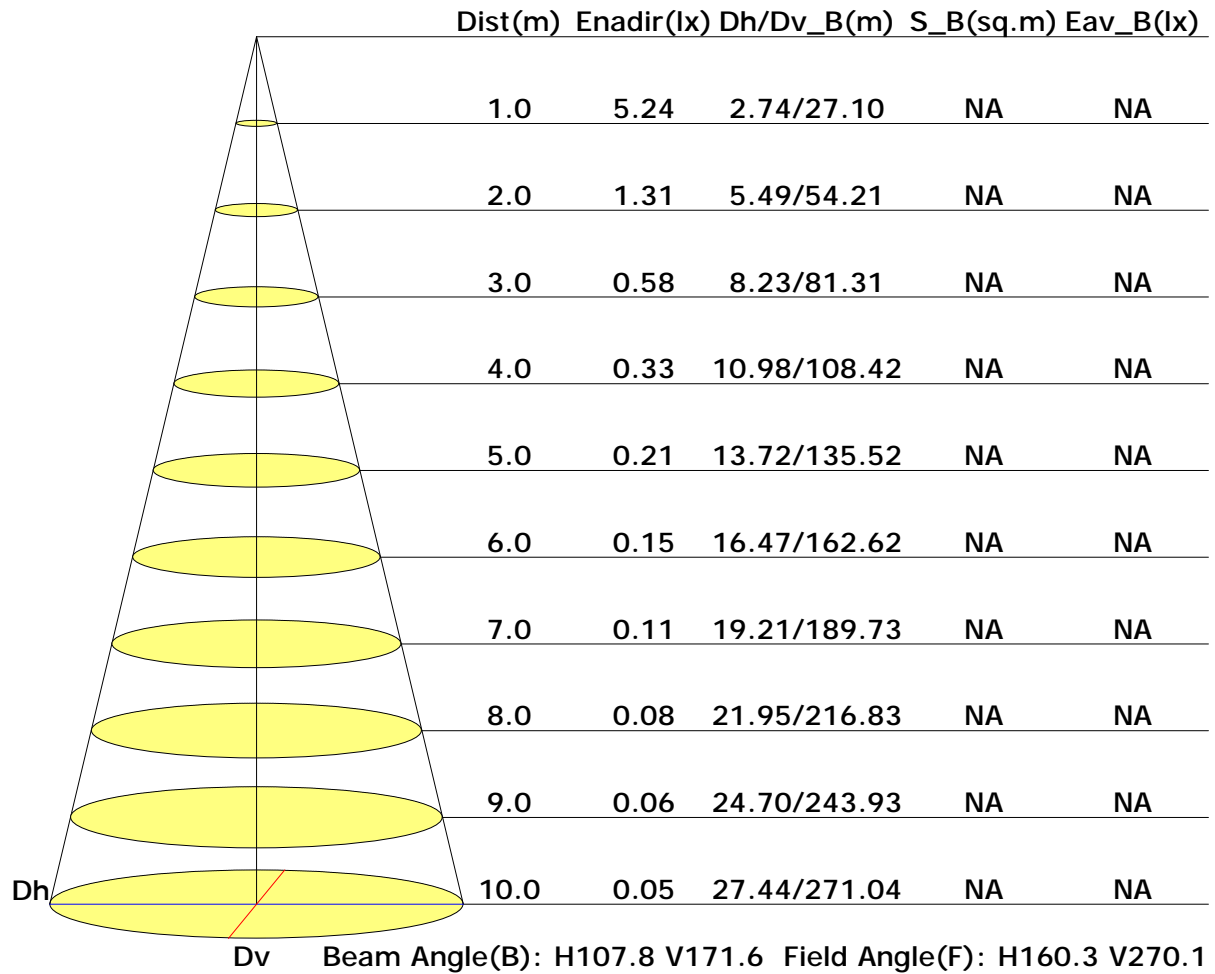
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Illuminance at a Distance



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

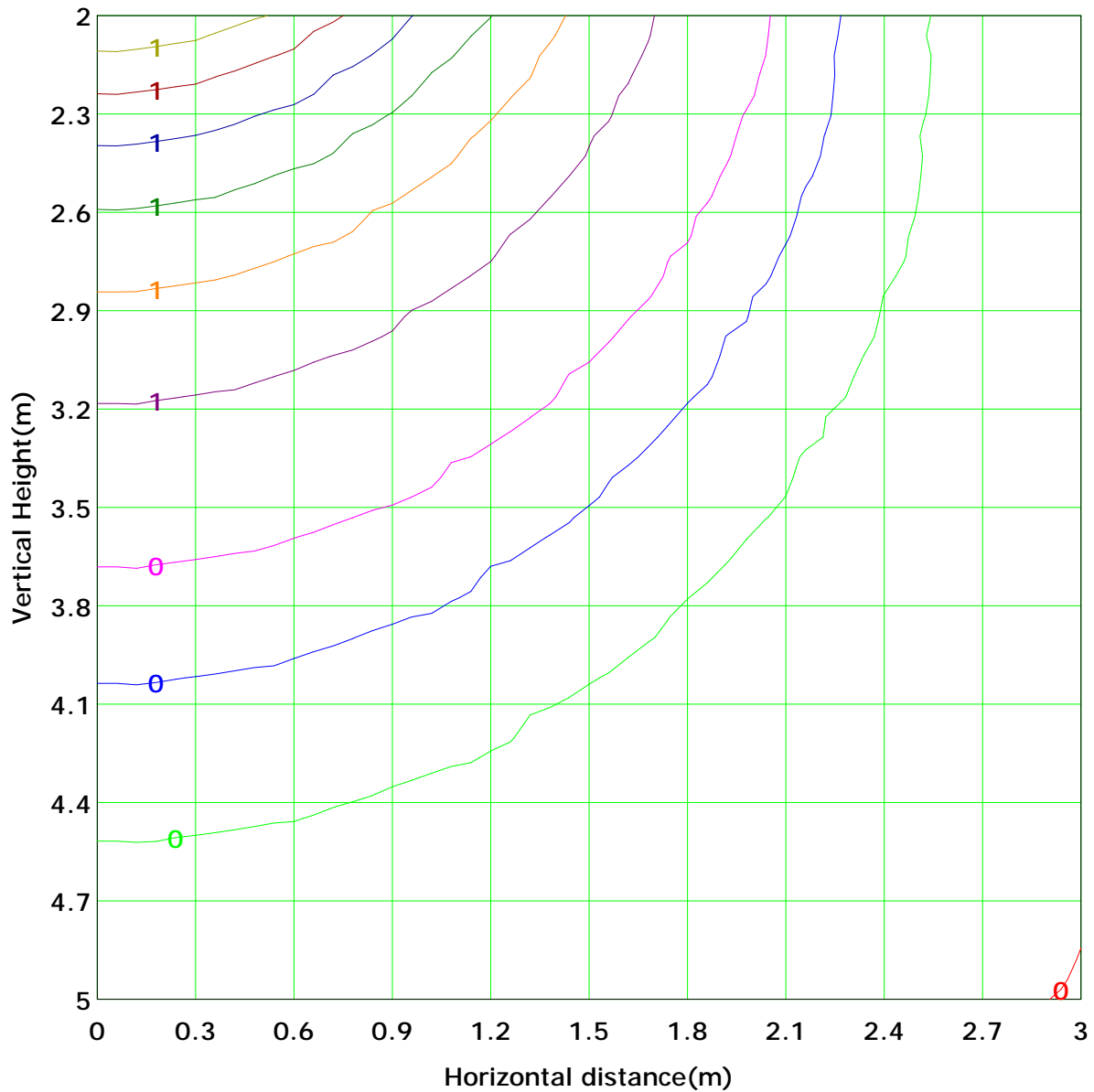
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 1.3 lx
(10%): 0.1 lx	(20%): 0.3 lx	(30%): 0.4 lx
(25%): 0.3 lx	(40%): 0.5 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 0.9 lx	(90%): 1.2 lx
(80%): 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:



Area Flux Table

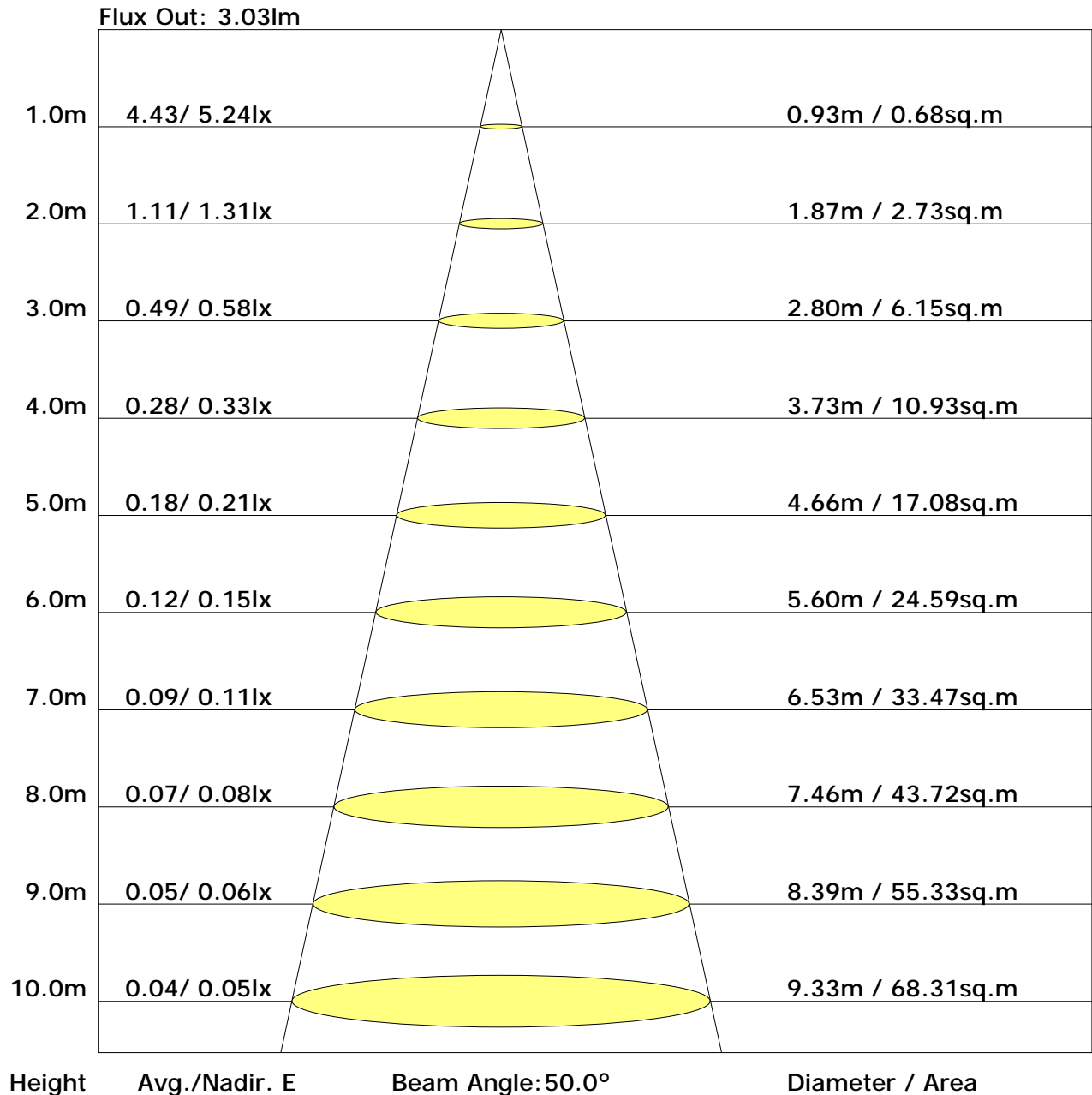
Unit: lm

		Vertical plane																					
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)	
Horizontal plane	-90	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	2.0	2.0
	-80	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	2.2	2.2
	-70	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.2	2.2
	-60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.2	2.2
	-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.3	2.3
	-40	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.2	2.2
	-30	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	2.1	2.1
	-20	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	1.9	1.9
	-10	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	1.7	1.7
	0	0.0	0.0	0.0	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	0.1	0.1	0.1	0.0	1.5	1.5
	10	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	0.1	0.1	0.1	0.1	0.0	1.3	1.3
	20	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	0.1	0.1	0.1	0.1	0.0	1.1	1.1
	30	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	0.1	0.1	0.1	0.1	0.0	1.0	1.0
	40	0.0	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	0.1	0.1	0.0	0.0	0.9	0.9
	50	0.0	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	0.1	0.0	0.0	0.0	0.8	0.7
	60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.6
	70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.5
	80	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4
	90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
Flux(T)	0.0	0.2	0.5	0.9	1.3	1.9	2.3	2.7	2.7	2.9	2.9	2.7	2.3	2.3	1.8	1.3	0.8	0.4	0.1	0.0	25		
Flux(E)	0.0	0.1	0.4	0.8	1.3	1.9	2.3	2.7	2.7	2.9	2.9	2.7	2.3	2.3	1.8	1.3	0.8	0.4	0.1	0.0		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:

The Average Illuminance Effective Figure



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	20.5	21.8	21.1	22.5	23.3	16.2	17.6	16.9	18.3	19.1
3H	22.4	23.6	23.1	24.3	25.2	18.4	19.6	19.1	20.3	21.2
4H	23.1	24.2	23.8	25.0	25.8	19.4	20.6	20.1	21.3	22.2
6H	23.5	24.6	24.3	25.4	26.3	20.4	21.5	21.1	22.2	23.1
8H	23.7	24.7	24.4	25.5	26.4	20.9	21.9	21.6	22.7	23.6
12H	23.8	24.8	24.5	25.5	26.5	21.3	22.3	22.0	23.1	24.0
X=4H Y=2H	21.7	22.9	22.4	23.6	24.5	16.8	18.0	17.5	18.7	19.6
3H	23.9	24.9	24.6	25.7	26.6	19.2	20.3	20.0	21.0	21.9
4H	24.8	25.8	25.5	26.5	27.4	20.4	21.4	21.2	22.1	23.1
6H	25.5	26.4	26.3	27.2	28.1	21.6	22.4	22.4	23.2	24.2
8H	25.8	26.6	26.5	27.4	28.3	22.2	22.9	22.9	23.7	24.7
12H	26.0	26.7	26.8	27.5	28.5	22.7	23.4	23.5	24.2	25.2
X=8H Y=4H	25.8	26.6	26.6	27.4	28.3	20.8	21.6	21.5	22.4	23.3
6H	26.9	27.6	27.7	28.4	29.3	22.1	22.8	22.9	23.7	24.6
8H	27.3	28.0	28.1	28.8	29.7	22.9	23.5	23.7	24.3	25.3
12H	27.7	28.3	28.5	29.1	30.1	23.6	24.1	24.4	25.0	26.0
X=12H Y=4H	26.1	26.8	26.9	27.6	28.6	20.8	21.5	21.6	22.3	23.3
6H	27.3	27.9	28.1	28.7	29.7	22.3	22.9	23.1	23.7	24.7
8H	27.9	28.5	28.7	29.3	30.3	23.0	23.6	23.8	24.4	25.4

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 = 1.50									
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	0.45	0.52	0.59	0.64	0.72	0.77	0.80	0.86	0.89	
	0.30		0.36	0.44	0.51	0.56	0.64	0.70	0.74	0.80	0.84	
	0.20		0.30	0.37	0.44	0.50	0.58	0.64	0.68	0.75	0.80	
0.50	0.50	0.20	0.41	0.48	0.54	0.58	0.65	0.69	0.73	0.77	0.80	
	0.30		0.34	0.40	0.47	0.51	0.58	0.64	0.67	0.73	0.76	
	0.20		0.28	0.35	0.41	0.46	0.53	0.59	0.63	0.69	0.73	
0.30	0.50	0.20	0.37	0.43	0.49	0.53	0.58	0.62	0.65	0.69	0.72	
	0.30		0.31	0.37	0.43	0.47	0.53	0.58	0.61	0.66	0.69	
	0.20		0.27	0.32	0.38	0.42	0.49	0.54	0.57	0.63	0.66	
0.00	0.00	0.00	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.56	
Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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	1.05	0.92	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.70	0.63	0.54	0.47	0.42	0.34	0.29
	0.20		0.75	0.68	0.62	0.57	0.49	0.43	0.39	0.32	0.28
0.50	0.50	0.20	0.96	0.84	0.73	0.66	0.55	0.49	0.41	0.34	0.28
	0.30		0.82	0.73	0.65	0.59	0.50	0.44	0.39	0.32	0.27
	0.20		0.71	0.64	0.58	0.53	0.46	0.41	0.36	0.30	0.26
0.30	0.50	0.20	0.89	0.77	0.67	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.76	0.68	0.60	0.55	0.47	0.41	0.36	0.30	0.25
	0.20		0.66	0.61	0.55	0.50	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.54	0.49	0.44	0.41	0.35	0.31	0.28	0.23	0.20
<p>Rating:5W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.40	0.42	0.42	0.43	0.44	0.44	0.45	0.45	0.45
	0.30		0.33	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.41
	0.20		0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38
0.50	0.50	0.20	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.43
	0.30		0.32	0.34	0.35	0.35	0.37	0.38	0.38	0.39	0.40
	0.20		0.27	0.29	0.30	0.31	0.32	0.33	0.34	0.36	0.37
0.30	0.50	0.20	0.37	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.41
	0.30		0.32	0.33	0.34	0.34	0.36	0.36	0.37	0.38	0.39
	0.20		0.27	0.28	0.29	0.30	0.32	0.33	0.34	0.35	0.36
0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	5.2	0.0	0.0	0.02	0.02
1.0-2.0	5.3	0.0	0.0	0.05	0.06
2.0-3.0	5.2	0.0	0.0	0.08	0.14
3.0-4.0	5.2	0.0	0.1	0.11	0.24
4.0-5.0	5.2	0.0	0.1	0.14	0.38
5.0-6.0	5.2	0.1	0.2	0.17	0.55
6.0-7.0	5.2	0.1	0.2	0.20	0.74
7.0-8.0	5.2	0.1	0.3	0.23	0.97
8.0-9.0	5.2	0.1	0.4	0.26	1.23
9.0-10.0	5.2	0.1	0.5	0.29	1.51
10.0-11.0	5.2	0.1	0.6	0.32	1.83
11.0-12.0	5.2	0.1	0.7	0.34	2.17
12.0-13.0	5.2	0.1	0.8	0.37	2.55
13.0-14.0	5.2	0.1	1.0	0.40	2.95
14.0-15.0	5.2	0.1	1.1	0.43	3.38
15.0-16.0	5.2	0.2	1.3	0.46	3.84
16.0-17.0	5.2	0.2	1.4	0.49	4.33
17.0-18.0	5.1	0.2	1.6	0.51	4.84
18.0-19.0	5.1	0.2	1.8	0.54	5.38
19.0-20.0	5.1	0.2	2.0	0.57	5.95
20.0-21.0	5.1	0.2	2.2	0.60	6.55
21.0-22.0	5.1	0.2	2.4	0.62	7.17
22.0-23.0	5.1	0.2	2.6	0.65	7.81
23.0-24.0	5.1	0.2	2.8	0.67	8.49
24.0-25.0	5.1	0.2	3.0	0.70	9.19
25.0-26.0	5.0	0.2	3.3	0.72	9.91
26.0-27.0	5.0	0.2	3.5	0.75	10.65
27.0-28.0	5.0	0.3	3.8	0.77	11.42
28.0-29.0	5.0	0.3	4.0	0.79	12.21
29.0-30.0	5.0	0.3	4.3	0.82	13.03
30.0-31.0	5.0	0.3	4.6	0.84	13.87
31.0-32.0	4.9	0.3	4.9	0.86	14.72
32.0-33.0	4.9	0.3	5.1	0.88	15.60
33.0-34.0	4.9	0.3	5.4	0.90	16.50
34.0-35.0	4.9	0.3	5.7	0.92	17.42
35.0-36.0	4.8	0.3	6.1	0.94	18.35

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	4.8	0.3	6.4	0.95	19.31
37.0-38.0	4.8	0.3	6.7	0.97	20.28
38.0-39.0	4.8	0.3	7.0	0.99	21.26
39.0-40.0	4.7	0.3	7.3	1.00	22.26
40.0-41.0	4.7	0.3	7.7	1.02	23.28
41.0-42.0	4.7	0.3	8.0	1.03	24.32
42.0-43.0	4.7	0.3	8.4	1.05	25.37
43.0-44.0	4.6	0.4	8.7	1.06	26.43
44.0-45.0	4.6	0.4	9.1	1.08	27.50
45.0-46.0	4.6	0.4	9.4	1.09	28.59
46.0-47.0	4.5	0.4	9.8	1.10	29.69
47.0-48.0	4.5	0.4	10.2	1.10	30.79
48.0-49.0	4.5	0.4	10.5	1.11	31.90
49.0-50.0	4.4	0.4	10.9	1.12	33.03
50.0-51.0	4.4	0.4	11.3	1.13	34.15
51.0-52.0	4.4	0.4	11.6	1.13	35.29
52.0-53.0	4.3	0.4	12.0	1.14	36.43
53.0-54.0	4.3	0.4	12.4	1.15	37.57
54.0-55.0	4.3	0.4	12.8	1.15	38.72
55.0-56.0	4.2	0.4	13.2	1.16	39.88
56.0-57.0	4.2	0.4	13.5	1.16	41.04
57.0-58.0	4.1	0.4	13.9	1.16	42.19
58.0-59.0	4.1	0.4	14.3	1.16	43.35
59.0-60.0	4.1	0.4	14.7	1.16	44.51
60.0-61.0	4.0	0.4	15.1	1.16	45.68
61.0-62.0	4.0	0.4	15.4	1.16	46.83
62.0-63.0	3.9	0.4	15.8	1.15	47.99
63.0-64.0	3.9	0.4	16.2	1.15	49.14
64.0-65.0	3.8	0.4	16.6	1.15	50.29
65.0-66.0	3.8	0.4	17.0	1.15	51.44
66.0-67.0	3.7	0.4	17.3	1.14	52.58
67.0-68.0	3.7	0.4	17.7	1.14	53.71
68.0-69.0	3.6	0.4	18.1	1.13	54.84
69.0-70.0	3.6	0.4	18.5	1.12	55.96
70.0-71.0	3.5	0.4	18.8	1.11	57.07
71.0-72.0	3.5	0.4	19.2	1.10	58.18

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	3.4	0.4	19.5	1.09	59.27
73.0-74.0	3.4	0.4	19.9	1.08	60.36
74.0-75.0	3.3	0.4	20.3	1.07	61.43
75.0-76.0	3.3	0.4	20.6	1.06	62.49
76.0-77.0	3.3	0.3	21.0	1.05	63.54
77.0-78.0	3.2	0.3	21.3	1.05	64.59
78.0-79.0	3.2	0.3	21.6	1.03	65.63
79.0-80.0	3.1	0.3	22.0	1.02	66.65
80.0-81.0	3.1	0.3	22.3	1.00	67.65
81.0-82.0	3.0	0.3	22.6	0.99	68.64
82.0-83.0	3.0	0.3	23.0	0.98	69.62
83.0-84.0	2.9	0.3	23.3	0.97	70.60
84.0-85.0	2.9	0.3	23.6	0.96	71.56
85.0-86.0	2.9	0.3	23.9	0.95	72.50
86.0-87.0	2.8	0.3	24.2	0.93	73.43
87.0-88.0	2.8	0.3	24.5	0.92	74.35
88.0-89.0	2.7	0.3	24.8	0.91	75.26
89.0-90.0	2.7	0.3	25.1	0.89	76.15
90.0-91.0	2.6	0.3	25.4	0.88	77.03
91.0-92.0	2.6	0.3	25.7	0.87	77.90
92.0-93.0	2.6	0.3	26.0	0.85	78.75
93.0-94.0	2.5	0.3	26.2	0.84	79.59
94.0-95.0	2.5	0.3	26.5	0.83	80.43
95.0-96.0	2.5	0.3	26.8	0.82	81.24
96.0-97.0	2.4	0.3	27.1	0.80	82.05
97.0-98.0	2.4	0.3	27.3	0.79	82.84
98.0-99.0	2.4	0.3	27.6	0.78	83.61
99.0-100.0	2.3	0.3	27.8	0.76	84.38
100.0-101.0	2.3	0.2	28.1	0.75	85.12
101.0-102.0	2.2	0.2	28.3	0.73	85.85
102.0-103.0	2.2	0.2	28.5	0.71	86.57
103.0-104.0	2.1	0.2	28.8	0.70	87.26
104.0-105.0	2.1	0.2	29.0	0.68	87.94
105.0-106.0	2.1	0.2	29.2	0.66	88.60
106.0-107.0	2.0	0.2	29.4	0.64	89.24
107.0-108.0	2.0	0.2	29.6	0.62	89.87

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.9	0.2	29.8	0.60	90.46
109.0-110.0	1.8	0.2	30.0	0.57	91.04
110.0-111.0	1.8	0.2	30.2	0.55	91.59
111.0-112.0	1.7	0.2	30.4	0.53	92.12
112.0-113.0	1.7	0.2	30.5	0.51	92.63
113.0-114.0	1.6	0.2	30.7	0.49	93.12
114.0-115.0	1.5	0.2	30.9	0.47	93.59
115.0-116.0	1.5	0.1	31.0	0.44	94.03
116.0-117.0	1.4	0.1	31.1	0.42	94.45
117.0-118.0	1.4	0.1	31.3	0.40	94.85
118.0-119.0	1.3	0.1	31.4	0.37	95.23
119.0-120.0	1.2	0.1	31.5	0.35	95.58
120.0-121.0	1.2	0.1	31.6	0.33	95.91
121.0-122.0	1.1	0.1	31.7	0.31	96.22
122.0-123.0	1.1	0.1	31.8	0.29	96.52
123.0-124.0	1.0	0.1	31.9	0.28	96.80
124.0-125.0	0.9	0.1	32.0	0.26	97.06
125.0-126.0	0.9	0.1	32.1	0.24	97.29
126.0-127.0	0.8	0.1	32.2	0.22	97.51
127.0-128.0	0.8	0.1	32.2	0.21	97.72
128.0-129.0	0.7	0.1	32.3	0.19	97.91
129.0-130.0	0.7	0.1	32.3	0.18	98.09
130.0-131.0	0.6	0.1	32.4	0.16	98.25
131.0-132.0	0.6	0.0	32.4	0.14	98.39
132.0-133.0	0.6	0.0	32.5	0.14	98.53
133.0-134.0	0.5	0.0	32.5	0.12	98.65
134.0-135.0	0.5	0.0	32.6	0.11	98.76
135.0-136.0	0.4	0.0	32.6	0.10	98.86
136.0-137.0	0.4	0.0	32.6	0.09	98.95
137.0-138.0	0.4	0.0	32.7	0.08	99.04
138.0-139.0	0.3	0.0	32.7	0.08	99.11
139.0-140.0	0.3	0.0	32.7	0.07	99.18
140.0-141.0	0.3	0.0	32.7	0.06	99.24
141.0-142.0	0.3	0.0	32.7	0.05	99.29
142.0-143.0	0.2	0.0	32.8	0.05	99.34
143.0-144.0	0.2	0.0	32.8	0.05	99.38

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.2	0.0	32.8	0.04	99.43
145.0-146.0	0.2	0.0	32.8	0.04	99.47
146.0-147.0	0.2	0.0	32.8	0.04	99.50
147.0-148.0	0.2	0.0	32.8	0.04	99.54
148.0-149.0	0.2	0.0	32.8	0.04	99.58
149.0-150.0	0.2	0.0	32.8	0.03	99.61
150.0-151.0	0.2	0.0	32.9	0.03	99.64
151.0-152.0	0.2	0.0	32.9	0.03	99.66
152.0-153.0	0.2	0.0	32.9	0.03	99.69
153.0-154.0	0.2	0.0	32.9	0.03	99.72
154.0-155.0	0.2	0.0	32.9	0.02	99.74
155.0-156.0	0.2	0.0	32.9	0.02	99.76
156.0-157.0	0.2	0.0	32.9	0.02	99.79
157.0-158.0	0.2	0.0	32.9	0.02	99.81
158.0-159.0	0.2	0.0	32.9	0.02	99.83
159.0-160.0	0.2	0.0	32.9	0.02	99.85
160.0-161.0	0.2	0.0	32.9	0.02	99.86
161.0-162.0	0.2	0.0	32.9	0.02	99.88
162.0-163.0	0.2	0.0	32.9	0.02	99.90
163.0-164.0	0.2	0.0	32.9	0.01	99.91
164.0-165.0	0.1	0.0	32.9	0.01	99.93
165.0-166.0	0.1	0.0	33.0	0.01	99.94
166.0-167.0	0.1	0.0	33.0	0.01	99.95
167.0-168.0	0.1	0.0	33.0	0.01	99.96
168.0-169.0	0.1	0.0	33.0	0.01	99.97
169.0-170.0	0.1	0.0	33.0	0.01	99.97
170.0-171.0	0.1	0.0	33.0	0.01	99.98
171.0-172.0	0.1	0.0	33.0	0.01	99.98
172.0-173.0	0.1	0.0	33.0	0.00	99.99
173.0-174.0	0.1	0.0	33.0	0.00	99.99
174.0-175.0	0.1	0.0	33.0	0.00	99.99
175.0-176.0	0.1	0.0	33.0	0.00	100.00
176.0-177.0	0.1	0.0	33.0	0.00	100.00
177.0-178.0	0.1	0.0	33.0	0.00	100.00
178.0-179.0	0.1	0.0	33.0	0.00	100.00
179.0-180.0	0.1	0.0	33.0	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: