

Report No.:

Test Time: 2020/11/19 16:52

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Contour Plus 5.0

Luminaire Description: NEON+RB0SCS2205.0A-12N

Lamp Catalog: 12N-A

Number of Lamps: 160

Luminous Width (mm): 10

Voltage: 24.0 V

Power: 8.06 W

Lamp Description: 2835 AMBER

Luminous Length (mm): 500

Luminous Height (mm): 23

Current: 0.336 A

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 36.8 lm

Downward Ratio: 73%

Horizontal Diffuse Angle(10%,50%): H162.6,H109

Vertical Diffuse Angle(10%,50%): V299,V202.4

Luminaire Efficacy Rating (LER): 5

Max. Intensity: 8.6 cd

Total Rated Lamp Lumens: 36.8 lm

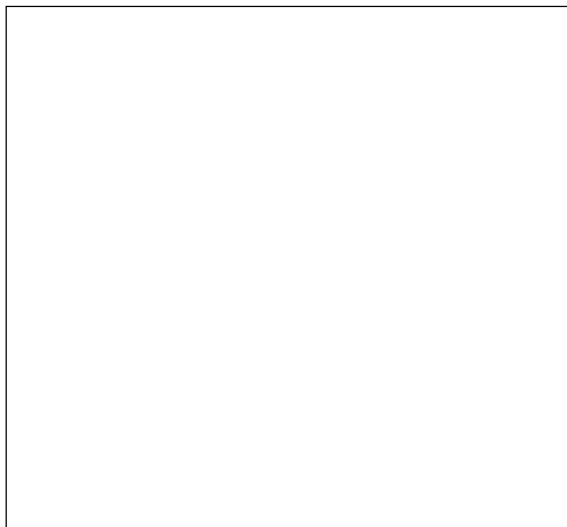
Efficiency: 100%

Upward Ratio: 27%

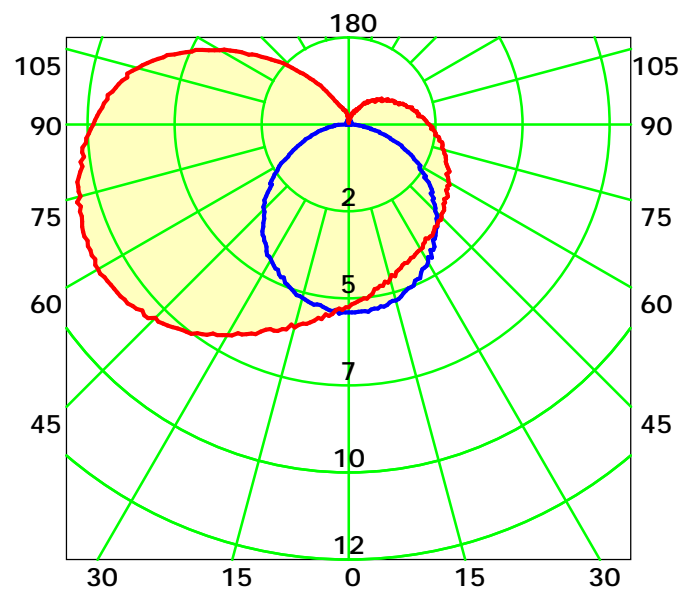
Central Intensity: 5.57 cd

Pos of Max. Intensity: H270 V59

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 155.7° 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

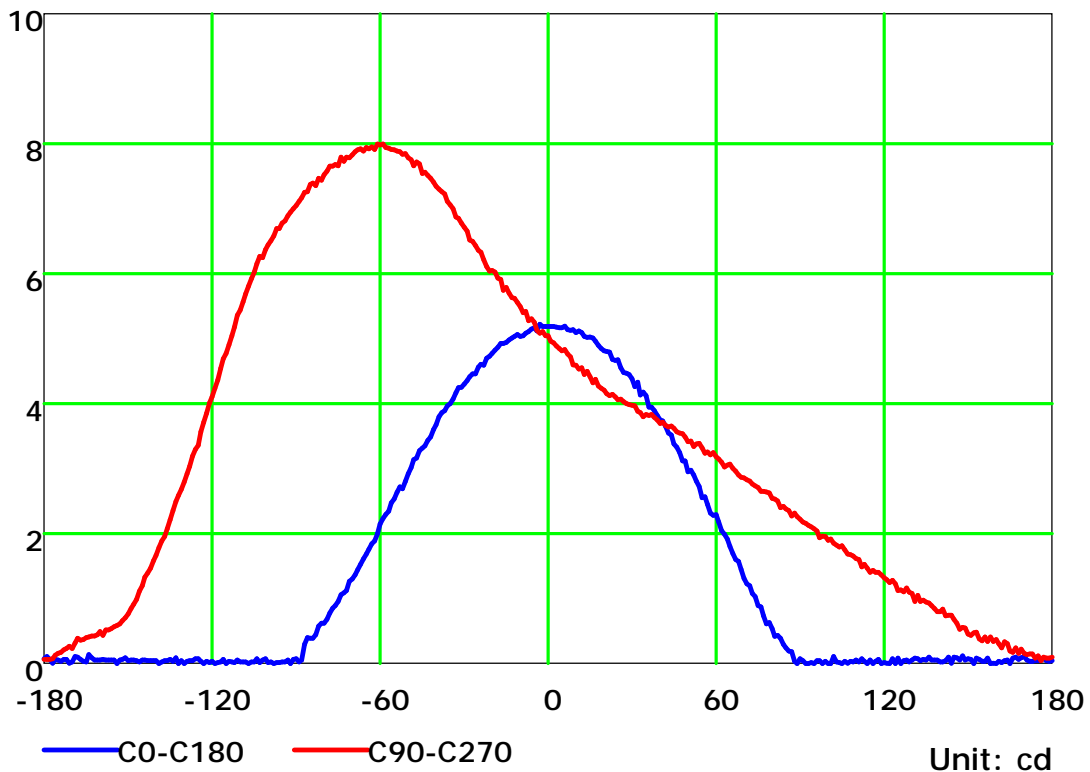
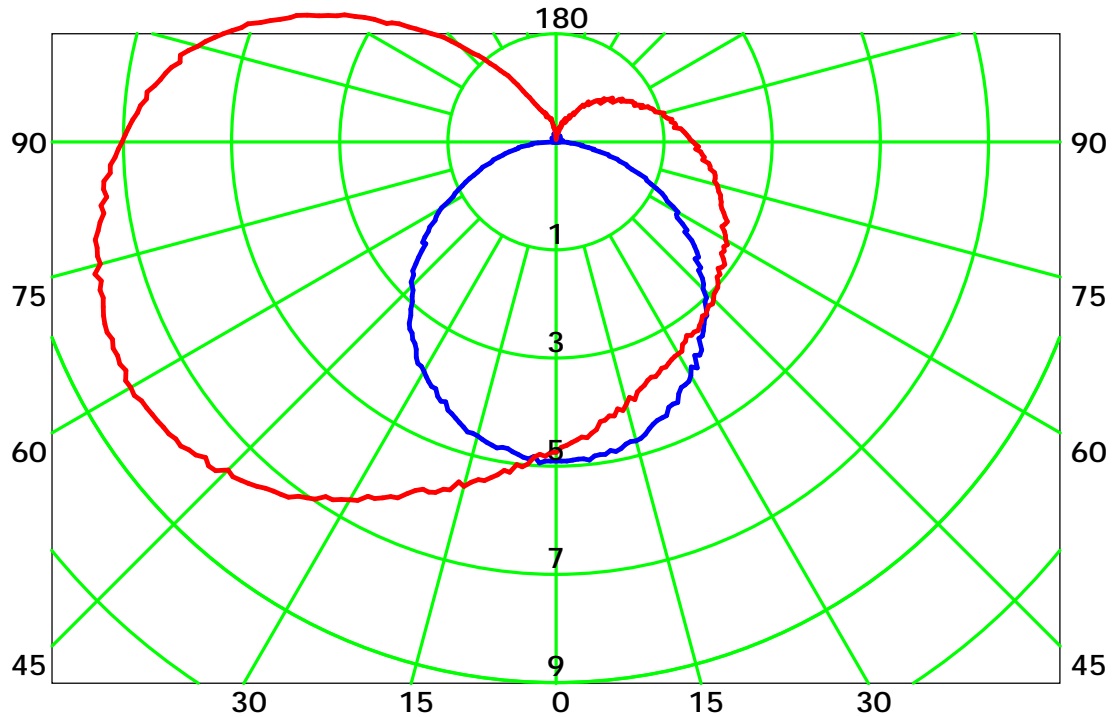
Distance: 9.028 m

Humidity: 60%

Inspector:



Luminous Intensity Distribution Curve

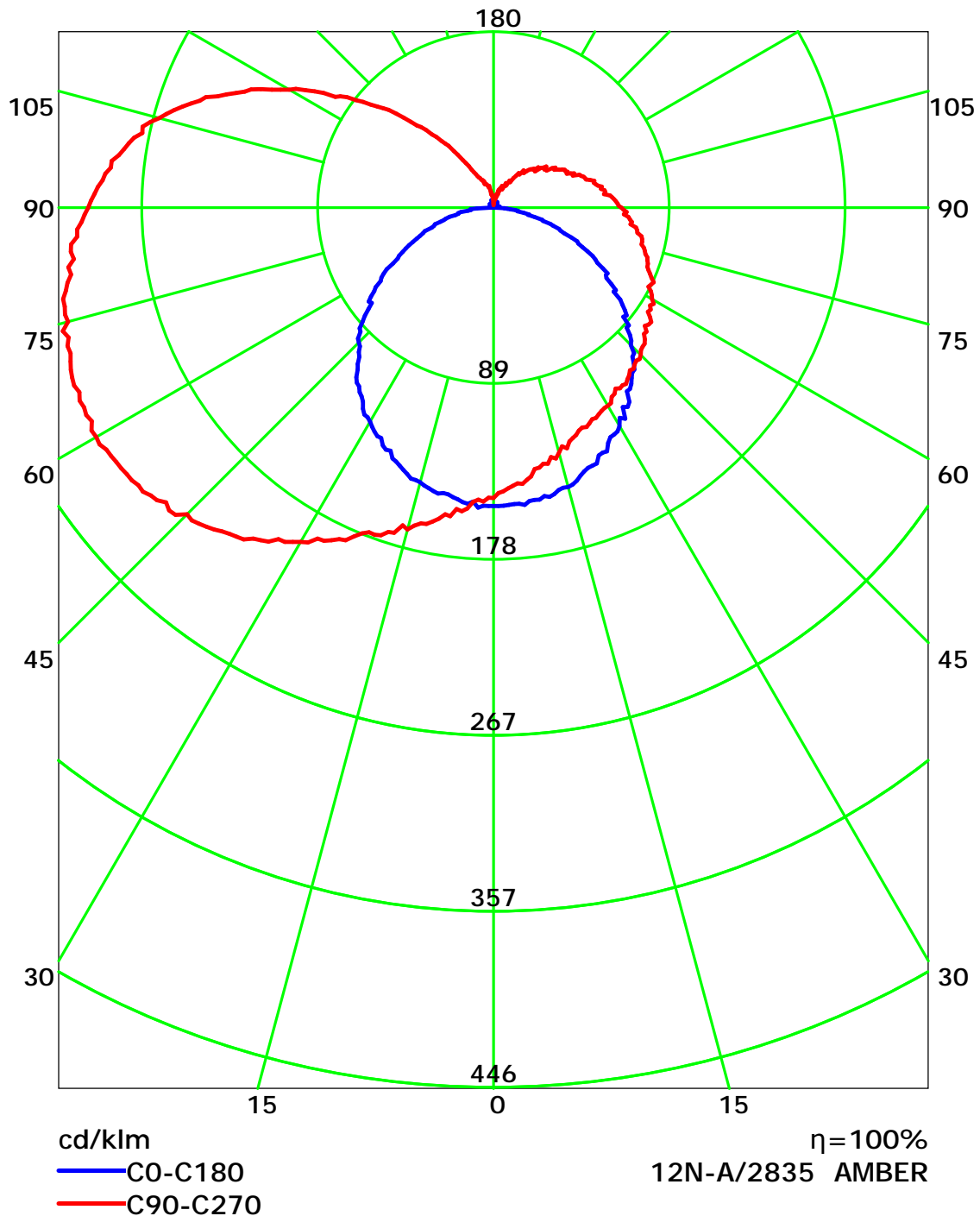


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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:

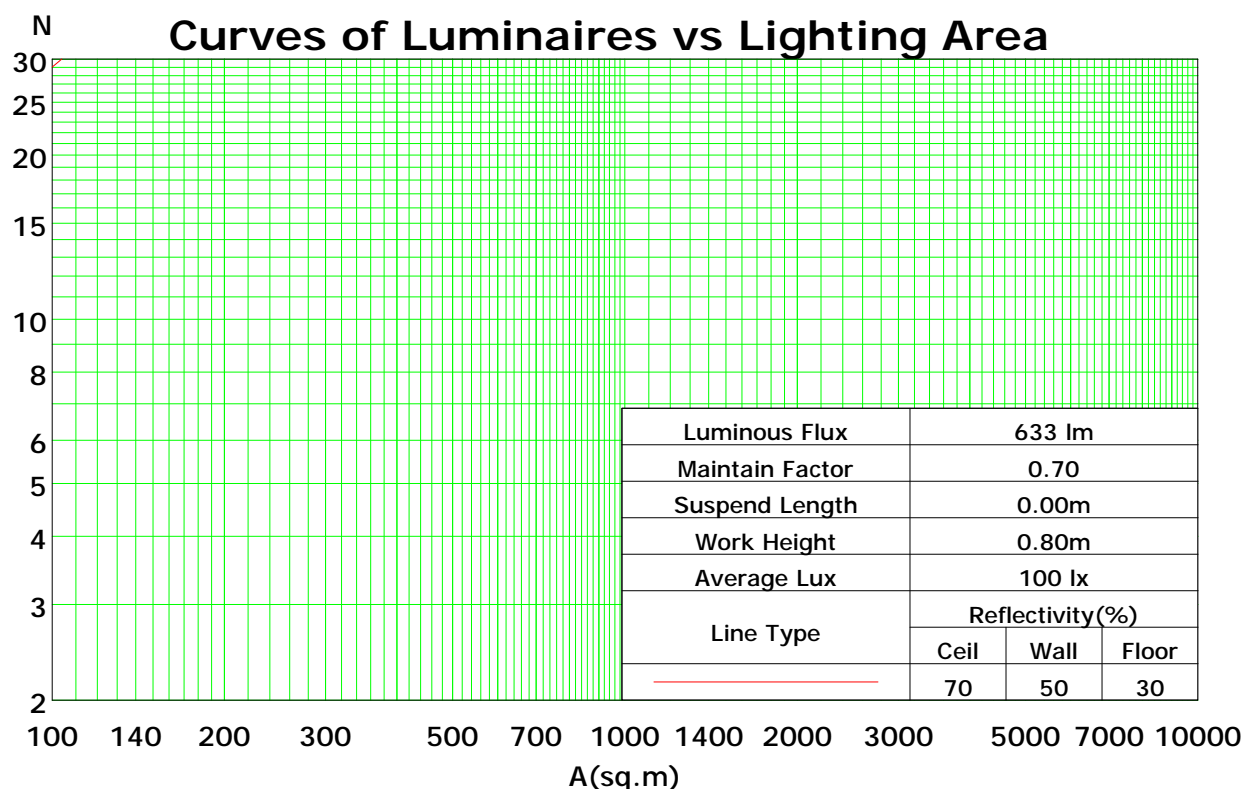
Coefficients Of Utilization - Zonal Cavity Method

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	107	107	107	107	96	96	96	86	86	86	77	77	77	73
1	98	92	86	81	93	87	82	77	78	73	70	69	66	63	61	59	56	52
2	88	78	70	63	82	74	66	60	65	59	54	58	53	49	51	47	44	40
3	79	67	58	50	74	63	55	48	56	49	44	50	44	40	44	39	36	32
4	72	58	49	41	67	55	46	40	49	42	36	44	38	33	39	34	29	26
5	66	52	42	35	61	49	40	33	44	36	30	39	33	28	34	29	25	22
6	60	46	37	30	56	44	35	28	39	32	26	35	29	24	31	26	21	19
7	56	41	32	26	52	39	31	25	35	28	23	32	25	21	28	23	19	16
8	52	37	29	23	48	36	27	22	32	25	20	29	23	18	26	20	17	14
9	48	34	26	20	45	32	25	19	29	22	18	26	20	16	24	19	15	13
10	45	31	23	18	42	30	22	17	27	20	16	24	19	15	22	17	13	11

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.66

Spacing Criteria (Diagonal): 1.59



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

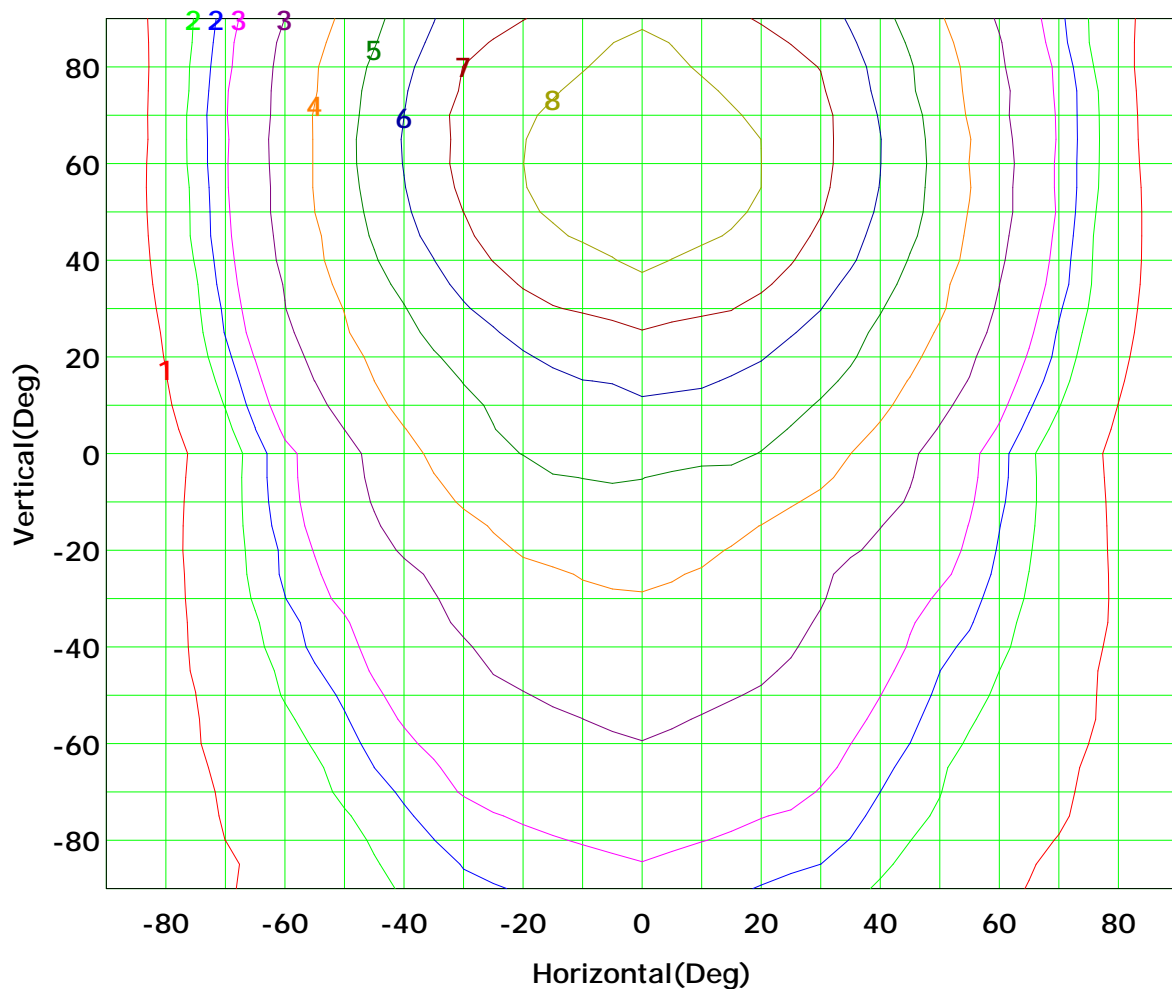
Test Device: GPM-1800B

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%):	3 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

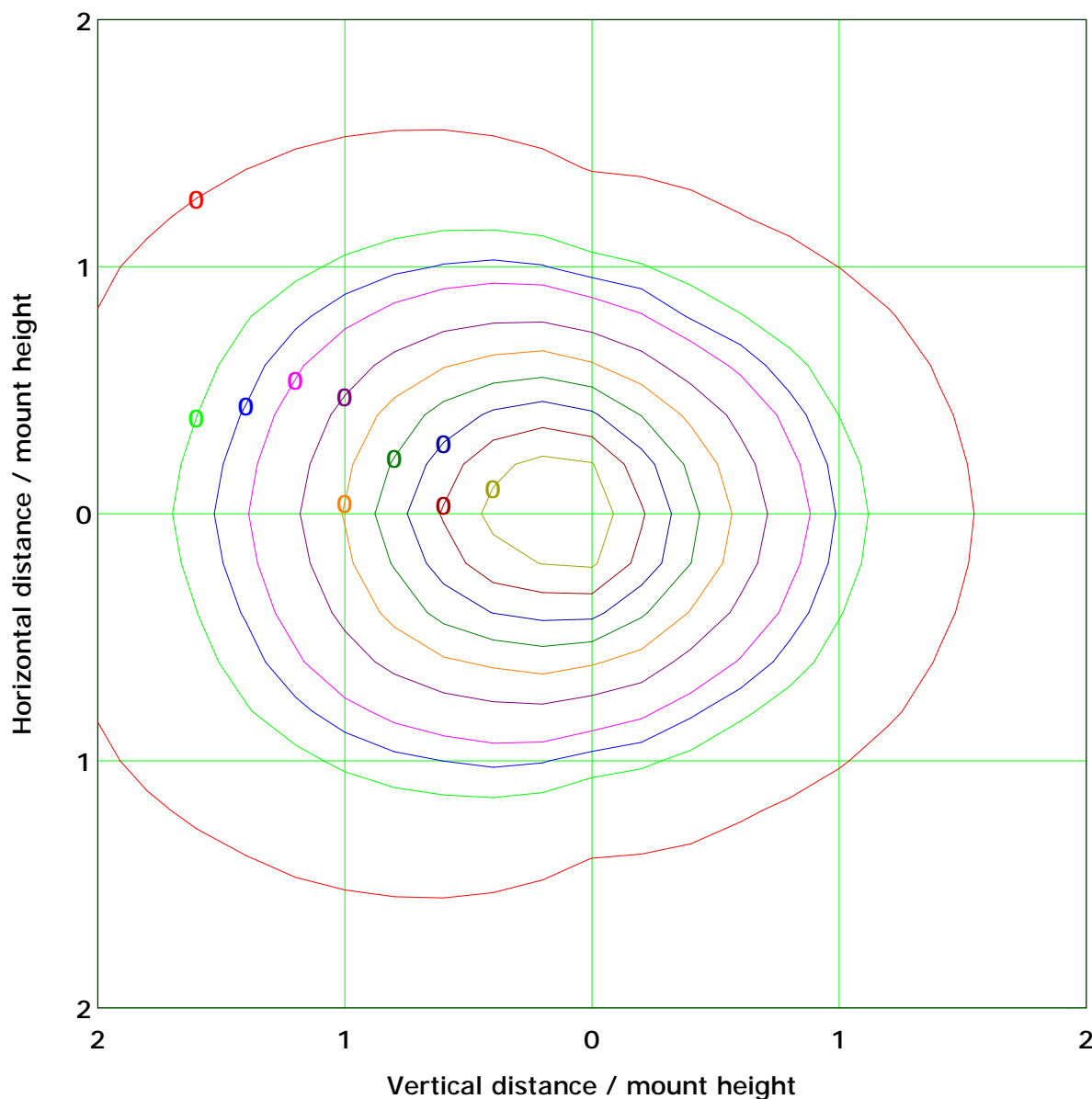
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.2 lx

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

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

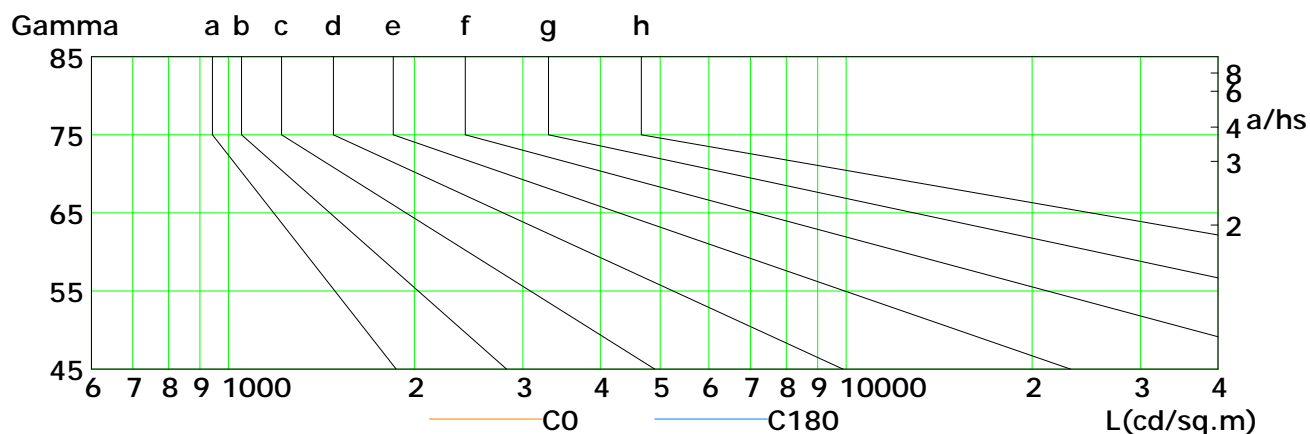
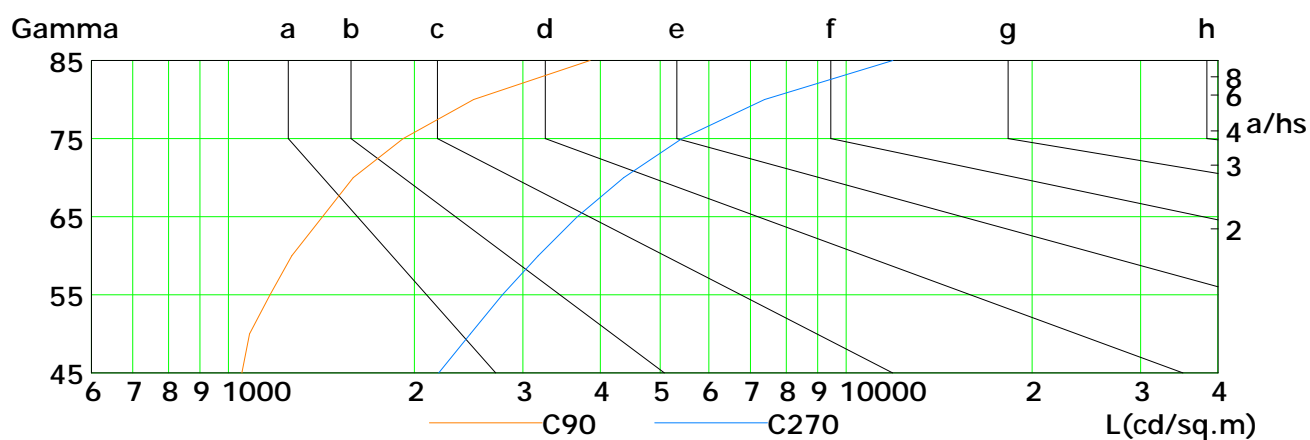
Humidity: 60%

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	311	264	223	197	155	113	77	48	22
C90	1052	1083	1168	1267	1421	1594	1919	2494	3850
C180	305	261	221	185	144	112	83	55	35
C270	2190	2466	2778	3175	3674	4366	5428	7381	11912

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

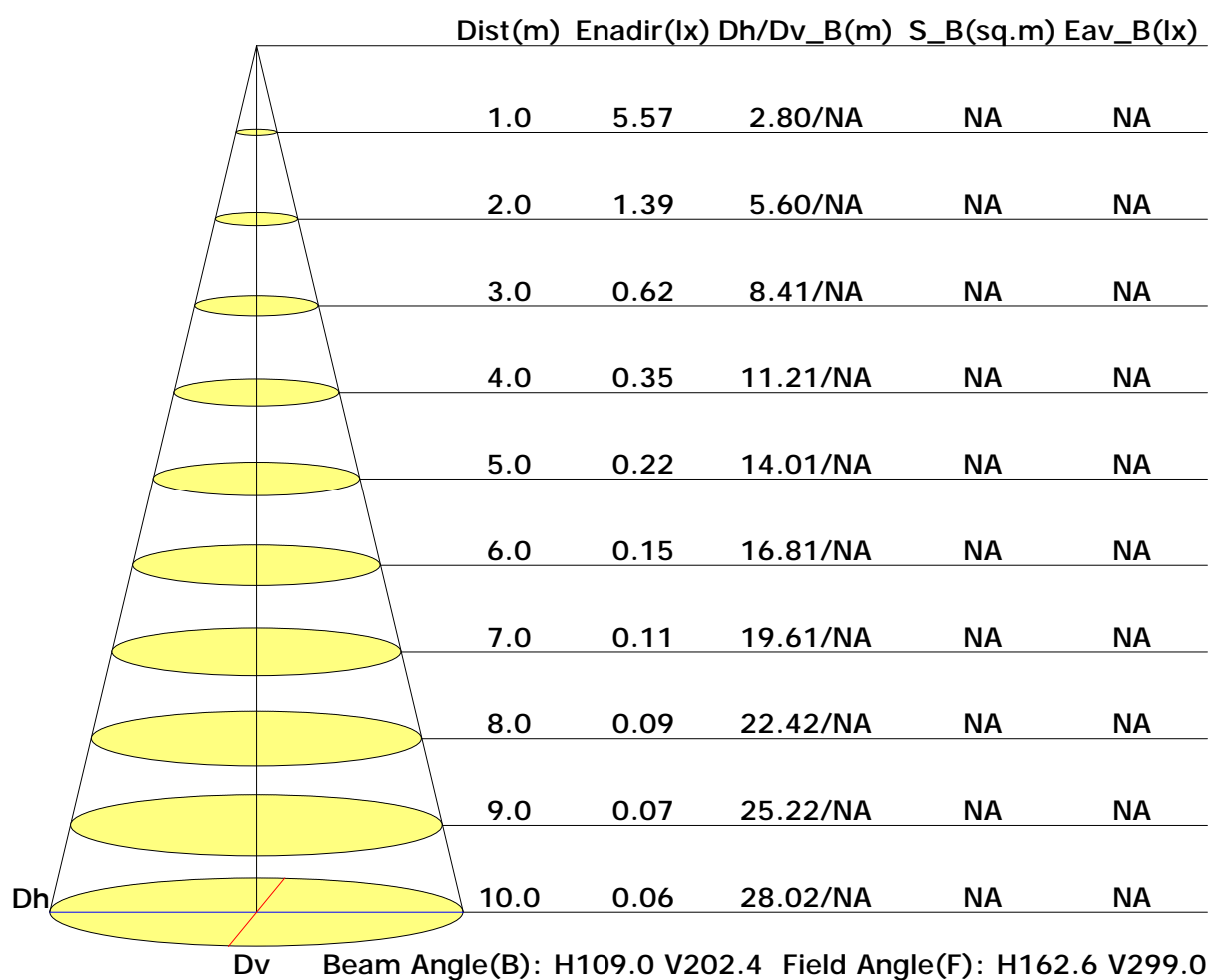
Test Device: GPM-1800B

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

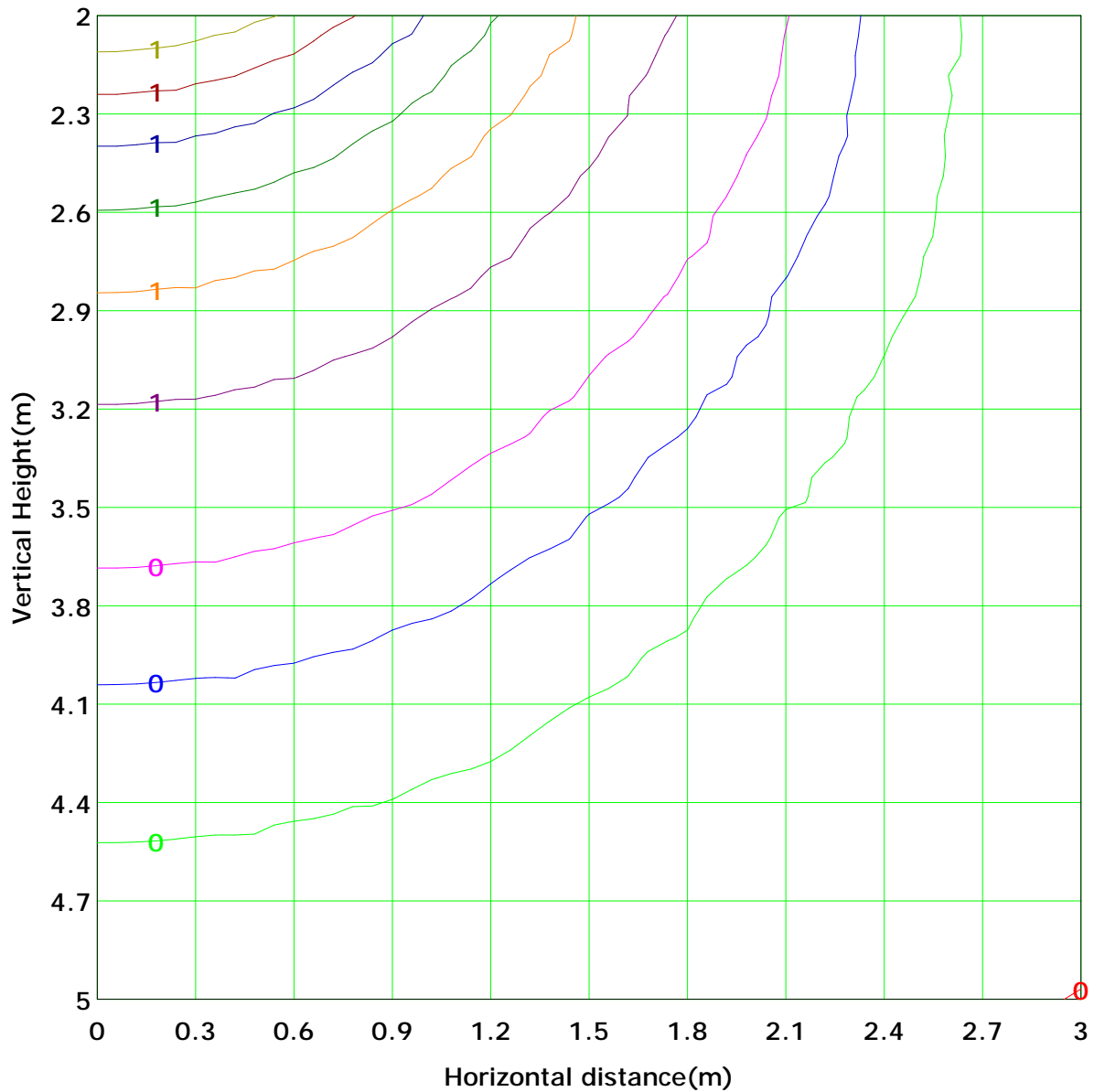
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 1.4 lx
(10%): 0.1 lx	(20%): 0.3 lx	(30%): 0.4 lx
(25%): 0.3 lx	(50%): 0.7 lx	(70%): 1.0 lx
(40%): 0.6 lx	(90%): 1.3 lx	
(60%): 0.8 lx		
(80%): 1.1 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

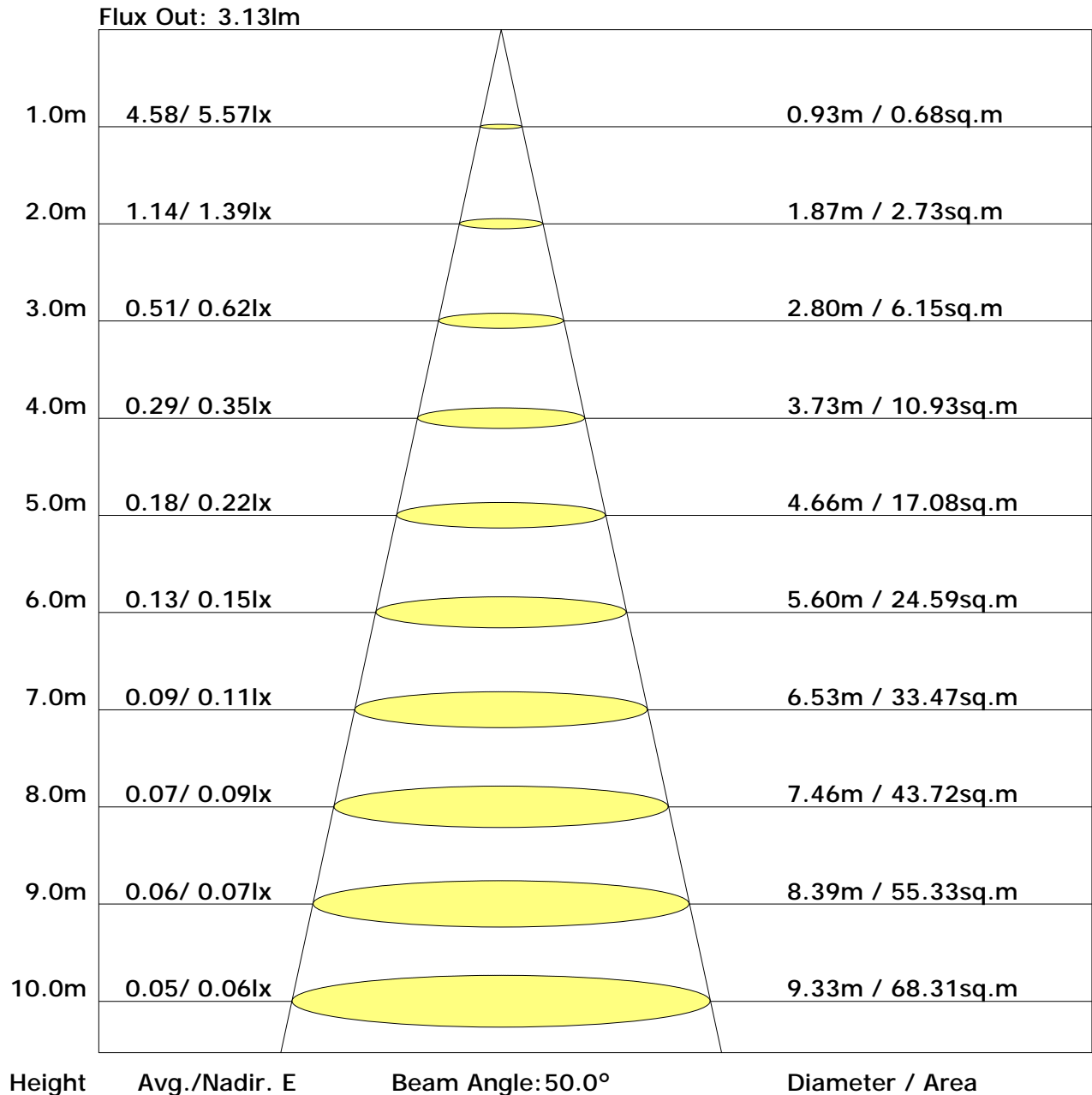
		Vertical plane																		Flux(T)		Flux(E)	
		Horizontal plane																					
Flux(T)	Flux(E)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)	
		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	27	
90		0.0	0.0	0.0	0.0	0.0	0.0	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	27		
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	0.0	0.7	0.7	
70		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	0.8	0.8	
60		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	0.9	0.9	
50		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	1.0	1.0	
40		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	1.1	1.1	
30		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	1.2	1.2	
20		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	1.3	1.3	
10		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	1.4	1.4	
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	1.5	1.5	
-10		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	1.7	1.7	
-20		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	1.8	1.8	
-30		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	2.0	2.0	
-40		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	2.1	2.1	
-50		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	2.2	2.2	
-60		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	2.2	2.2	
-70		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	2.2	2.2	
-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	0.0	2.1	2.0	
-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	2.1	2.0	

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	18.6	19.8	19.3	20.6	21.5	16.1	17.3	16.8	18.1	19.0
3H	20.6	21.8	21.3	22.5	23.4	18.4	19.6	19.1	20.3	21.2
4H	21.3	22.5	22.1	23.2	24.1	19.5	20.6	20.2	21.4	22.3
6H	21.9	22.9	22.6	23.7	24.6	20.5	21.6	21.3	22.4	23.3
8H	22.0	23.1	22.8	23.9	24.8	21.0	22.0	21.8	22.8	23.8
12H	22.2	23.2	22.9	23.9	24.9	21.5	22.5	22.3	23.3	24.2
X=4H Y=2H	19.6	20.7	20.3	21.5	22.4	16.6	17.8	17.4	18.5	19.5
3H	21.9	22.9	22.6	23.6	24.6	19.2	20.2	20.0	21.0	21.9
4H	22.8	23.7	23.6	24.5	25.5	20.5	21.4	21.3	22.2	23.2
6H	23.6	24.4	24.3	25.2	26.2	21.7	22.6	22.5	23.4	24.4
8H	23.9	24.6	24.6	25.4	26.4	22.3	23.1	23.1	23.9	24.9
12H	24.1	24.8	24.9	25.6	26.6	22.9	23.6	23.7	24.5	25.5
X=8H Y=4H	23.7	24.4	24.5	25.3	26.3	20.8	21.6	21.6	22.4	23.4
6H	24.7	25.4	25.5	26.2	27.2	22.3	23.0	23.1	23.8	24.8
8H	25.2	25.8	26.0	26.6	27.6	23.1	23.7	23.9	24.5	25.5
12H	25.6	26.1	26.4	27.0	28.0	23.8	24.4	24.7	25.2	26.3
X=12H Y=4H	23.9	24.6	24.7	25.4	26.4	20.9	21.6	21.7	22.4	23.4
6H	25.1	25.7	25.9	26.5	27.6	22.4	23.0	23.3	23.9	24.9
8H	25.7	26.2	26.5	27.1	28.1	23.3	23.8	24.1	24.7	25.7

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	0.44	0.51	0.58	0.63	0.70	0.76	0.79	0.84	0.88	
	0.30		0.35	0.43	0.50	0.55	0.63	0.68	0.73	0.79	0.83	
	0.20		0.29	0.36	0.43	0.49	0.57	0.63	0.67	0.74	0.78	
0.50	0.50	0.20	0.39	0.46	0.52	0.57	0.63	0.68	0.71	0.75	0.79	
	0.30		0.32	0.39	0.45	0.50	0.57	0.62	0.66	0.71	0.75	
	0.20		0.27	0.34	0.40	0.44	0.52	0.57	0.61	0.67	0.71	
0.30	0.50	0.20	0.36	0.41	0.47	0.51	0.56	0.60	0.63	0.67	0.70	
	0.30		0.30	0.35	0.41	0.45	0.51	0.56	0.59	0.64	0.67	
	0.20		0.25	0.31	0.36	0.41	0.47	0.52	0.55	0.60	0.64	
0.00	0.00	0.00	0.21	0.25	0.30	0.34	0.39	0.43	0.46	0.50	0.54	
Rating:8W 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	1.04	0.91	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.69	0.63	0.54	0.47	0.41	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	0.95	0.83	0.73	0.65	0.54	0.49	0.41	0.33	0.28
	0.30		0.81	0.72	0.64	0.58	0.50	0.43	0.38	0.32	0.27
	0.20		0.70	0.64	0.58	0.53	0.46	0.40	0.36	0.30	0.26
0.30	0.50	0.20	0.87	0.76	0.66	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.74	0.67	0.59	0.54	0.46	0.40	0.36	0.29	0.25
	0.20		0.65	0.60	0.54	0.49	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.52	0.48	0.43	0.40	0.34	0.30	0.27	0.23	0.20
<p>Rating:8W 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	0.43	0.44	0.45	0.46	0.47	0.47	0.47	0.48	0.48
	0.30		0.36	0.37	0.38	0.39	0.41	0.42	0.42	0.43	0.44
	0.20		0.31	0.32	0.33	0.34	0.36	0.37	0.38	0.40	0.41
0.50	0.50	0.20	0.41	0.43	0.43	0.44	0.45	0.45	0.45	0.46	0.46
	0.30		0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43
	0.20		0.30	0.31	0.32	0.33	0.35	0.36	0.37	0.39	0.40
0.30	0.50	0.20	0.40	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44
	0.30		0.34	0.36	0.36	0.37	0.38	0.39	0.40	0.41	0.41
	0.20		0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38
0.00	0.00	0.00	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Rating:8W 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	5.4	0.0	0.0	0.01	0.01
1.0-2.0	5.4	0.0	0.0	0.04	0.06
2.0-3.0	5.4	0.0	0.0	0.07	0.13
3.0-4.0	5.4	0.0	0.1	0.10	0.23
4.0-5.0	5.4	0.0	0.1	0.13	0.35
5.0-6.0	5.4	0.1	0.2	0.15	0.51
6.0-7.0	5.4	0.1	0.3	0.18	0.69
7.0-8.0	5.4	0.1	0.3	0.21	0.90
8.0-9.0	5.4	0.1	0.4	0.24	1.14
9.0-10.0	5.4	0.1	0.5	0.27	1.40
10.0-11.0	5.4	0.1	0.6	0.29	1.69
11.0-12.0	5.4	0.1	0.7	0.32	2.01
12.0-13.0	5.4	0.1	0.9	0.35	2.36
13.0-14.0	5.3	0.1	1.0	0.37	2.73
14.0-15.0	5.3	0.1	1.2	0.40	3.13
15.0-16.0	5.3	0.2	1.3	0.43	3.55
16.0-17.0	5.3	0.2	1.5	0.45	4.01
17.0-18.0	5.3	0.2	1.6	0.48	4.48
18.0-19.0	5.3	0.2	1.8	0.50	4.98
19.0-20.0	5.3	0.2	2.0	0.53	5.51
20.0-21.0	5.3	0.2	2.2	0.55	6.06
21.0-22.0	5.3	0.2	2.4	0.57	6.63
22.0-23.0	5.2	0.2	2.7	0.60	7.23
23.0-24.0	5.2	0.2	2.9	0.62	7.85
24.0-25.0	5.2	0.2	3.1	0.65	8.50
25.0-26.0	5.2	0.2	3.4	0.67	9.17
26.0-27.0	5.2	0.3	3.6	0.69	9.86
27.0-28.0	5.2	0.3	3.9	0.71	10.57
28.0-29.0	5.2	0.3	4.2	0.73	11.30
29.0-30.0	5.2	0.3	4.4	0.76	12.06
30.0-31.0	5.1	0.3	4.7	0.78	12.83
31.0-32.0	5.1	0.3	5.0	0.80	13.63
32.0-33.0	5.1	0.3	5.3	0.82	14.45
33.0-34.0	5.1	0.3	5.6	0.84	15.28
34.0-35.0	5.1	0.3	5.9	0.85	16.14
35.0-36.0	5.0	0.3	6.3	0.87	17.01

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	5.0	0.3	6.6	0.89	17.90
37.0-38.0	5.0	0.3	6.9	0.91	18.82
38.0-39.0	5.0	0.3	7.3	0.93	19.74
39.0-40.0	5.0	0.3	7.6	0.94	20.69
40.0-41.0	5.0	0.4	8.0	0.96	21.64
41.0-42.0	4.9	0.4	8.3	0.97	22.62
42.0-43.0	4.9	0.4	8.7	0.99	23.60
43.0-44.0	4.9	0.4	9.1	1.00	24.61
44.0-45.0	4.9	0.4	9.4	1.01	25.62
45.0-46.0	4.8	0.4	9.8	1.03	26.64
46.0-47.0	4.8	0.4	10.2	1.04	27.68
47.0-48.0	4.8	0.4	10.6	1.05	28.73
48.0-49.0	4.7	0.4	11.0	1.06	29.79
49.0-50.0	4.7	0.4	11.3	1.06	30.85
50.0-51.0	4.7	0.4	11.7	1.08	31.93
51.0-52.0	4.6	0.4	12.1	1.08	33.01
52.0-53.0	4.6	0.4	12.5	1.09	34.10
53.0-54.0	4.6	0.4	12.9	1.10	35.20
54.0-55.0	4.6	0.4	13.4	1.11	36.30
55.0-56.0	4.5	0.4	13.8	1.11	37.41
56.0-57.0	4.5	0.4	14.2	1.11	38.52
57.0-58.0	4.4	0.4	14.6	1.12	39.64
58.0-59.0	4.4	0.4	15.0	1.12	40.76
59.0-60.0	4.4	0.4	15.4	1.12	41.88
60.0-61.0	4.3	0.4	15.8	1.13	43.01
61.0-62.0	4.3	0.4	16.2	1.12	44.13
62.0-63.0	4.2	0.4	16.6	1.12	45.25
63.0-64.0	4.2	0.4	17.1	1.12	46.37
64.0-65.0	4.2	0.4	17.5	1.12	47.49
65.0-66.0	4.1	0.4	17.9	1.12	48.60
66.0-67.0	4.1	0.4	18.3	1.11	49.72
67.0-68.0	4.0	0.4	18.7	1.11	50.82
68.0-69.0	4.0	0.4	19.1	1.10	51.93
69.0-70.0	3.9	0.4	19.5	1.09	53.02
70.0-71.0	3.9	0.4	19.9	1.09	54.11
71.0-72.0	3.8	0.4	20.3	1.09	55.20

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	3.8	0.4	20.7	1.08	56.28
73.0-74.0	3.7	0.4	21.1	1.07	57.35
74.0-75.0	3.7	0.4	21.5	1.06	58.41
75.0-76.0	3.6	0.4	21.9	1.05	59.46
76.0-77.0	3.6	0.4	22.3	1.04	60.50
77.0-78.0	3.6	0.4	22.6	1.04	61.54
78.0-79.0	3.5	0.4	23.0	1.03	62.57
79.0-80.0	3.5	0.4	23.4	1.01	63.58
80.0-81.0	3.4	0.4	23.8	1.00	64.58
81.0-82.0	3.4	0.4	24.1	1.00	65.57
82.0-83.0	3.3	0.4	24.5	0.99	66.56
83.0-84.0	3.3	0.4	24.8	0.97	67.53
84.0-85.0	3.2	0.4	25.2	0.96	68.49
85.0-86.0	3.2	0.3	25.5	0.95	69.44
86.0-87.0	3.2	0.3	25.9	0.94	70.38
87.0-88.0	3.1	0.3	26.2	0.92	71.31
88.0-89.0	3.1	0.3	26.6	0.91	72.22
89.0-90.0	3.0	0.3	26.9	0.90	73.12
90.0-91.0	3.0	0.3	27.2	0.89	74.01
91.0-92.0	3.0	0.3	27.5	0.88	74.89
92.0-93.0	2.9	0.3	27.9	0.87	75.76
93.0-94.0	2.9	0.3	28.2	0.86	76.62
94.0-95.0	2.8	0.3	28.5	0.85	77.47
95.0-96.0	2.8	0.3	28.8	0.84	78.30
96.0-97.0	2.8	0.3	29.1	0.82	79.13
97.0-98.0	2.7	0.3	29.4	0.81	79.94
98.0-99.0	2.7	0.3	29.7	0.80	80.73
99.0-100.0	2.7	0.3	30.0	0.78	81.52
100.0-101.0	2.6	0.3	30.3	0.77	82.29
101.0-102.0	2.6	0.3	30.5	0.75	83.04
102.0-103.0	2.5	0.3	30.8	0.74	83.77
103.0-104.0	2.5	0.3	31.1	0.72	84.49
104.0-105.0	2.4	0.3	31.3	0.70	85.19
105.0-106.0	2.4	0.3	31.6	0.68	85.87
106.0-107.0	2.3	0.2	31.8	0.66	86.54
107.0-108.0	2.3	0.2	32.1	0.64	87.18

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 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	2.2	0.2	32.3	0.62	87.80
109.0-110.0	2.2	0.2	32.5	0.61	88.41
110.0-111.0	2.1	0.2	32.7	0.59	89.00
111.0-112.0	2.1	0.2	32.9	0.57	89.57
112.0-113.0	2.0	0.2	33.1	0.55	90.11
113.0-114.0	1.9	0.2	33.3	0.52	90.64
114.0-115.0	1.9	0.2	33.5	0.50	91.14
115.0-116.0	1.8	0.2	33.7	0.49	91.63
116.0-117.0	1.8	0.2	33.9	0.47	92.10
117.0-118.0	1.7	0.2	34.0	0.45	92.55
118.0-119.0	1.7	0.2	34.2	0.43	92.99
119.0-120.0	1.6	0.2	34.4	0.41	93.40
120.0-121.0	1.5	0.1	34.5	0.39	93.80
121.0-122.0	1.5	0.1	34.6	0.38	94.18
122.0-123.0	1.4	0.1	34.8	0.36	94.54
123.0-124.0	1.4	0.1	34.9	0.35	94.89
124.0-125.0	1.3	0.1	35.0	0.33	95.22
125.0-126.0	1.3	0.1	35.1	0.32	95.53
126.0-127.0	1.2	0.1	35.3	0.30	95.83
127.0-128.0	1.2	0.1	35.4	0.28	96.11
128.0-129.0	1.1	0.1	35.5	0.27	96.38
129.0-130.0	1.1	0.1	35.5	0.25	96.63
130.0-131.0	1.0	0.1	35.6	0.24	96.87
131.0-132.0	1.0	0.1	35.7	0.23	97.10
132.0-133.0	1.0	0.1	35.8	0.21	97.31
133.0-134.0	0.9	0.1	35.9	0.20	97.51
134.0-135.0	0.9	0.1	35.9	0.19	97.70
135.0-136.0	0.8	0.1	36.0	0.18	97.88
136.0-137.0	0.8	0.1	36.1	0.17	98.04
137.0-138.0	0.8	0.1	36.1	0.16	98.20
138.0-139.0	0.7	0.1	36.2	0.15	98.35
139.0-140.0	0.7	0.0	36.2	0.14	98.48
140.0-141.0	0.7	0.0	36.3	0.13	98.61
141.0-142.0	0.6	0.0	36.3	0.12	98.73
142.0-143.0	0.6	0.0	36.4	0.11	98.84
143.0-144.0	0.6	0.0	36.4	0.10	98.94

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	0.5	0.0	36.4	0.09	99.03
145.0-146.0	0.5	0.0	36.5	0.09	99.12
146.0-147.0	0.5	0.0	36.5	0.08	99.20
147.0-148.0	0.4	0.0	36.5	0.07	99.27
148.0-149.0	0.4	0.0	36.5	0.07	99.33
149.0-150.0	0.4	0.0	36.6	0.06	99.40
150.0-151.0	0.4	0.0	36.6	0.06	99.45
151.0-152.0	0.4	0.0	36.6	0.05	99.50
152.0-153.0	0.3	0.0	36.6	0.05	99.55
153.0-154.0	0.3	0.0	36.6	0.04	99.59
154.0-155.0	0.3	0.0	36.7	0.04	99.64
155.0-156.0	0.3	0.0	36.7	0.04	99.67
156.0-157.0	0.3	0.0	36.7	0.04	99.71
157.0-158.0	0.3	0.0	36.7	0.03	99.74
158.0-159.0	0.3	0.0	36.7	0.03	99.77
159.0-160.0	0.3	0.0	36.7	0.03	99.80
160.0-161.0	0.3	0.0	36.7	0.03	99.83
161.0-162.0	0.2	0.0	36.7	0.02	99.85
162.0-163.0	0.2	0.0	36.7	0.02	99.87
163.0-164.0	0.2	0.0	36.7	0.02	99.89
164.0-165.0	0.2	0.0	36.8	0.02	99.91
165.0-166.0	0.2	0.0	36.8	0.01	99.92
166.0-167.0	0.2	0.0	36.8	0.01	99.94
167.0-168.0	0.2	0.0	36.8	0.01	99.95
168.0-169.0	0.2	0.0	36.8	0.01	99.96
169.0-170.0	0.2	0.0	36.8	0.01	99.97
170.0-171.0	0.1	0.0	36.8	0.01	99.98
171.0-172.0	0.1	0.0	36.8	0.01	99.98
172.0-173.0	0.1	0.0	36.8	0.01	99.99
173.0-174.0	0.1	0.0	36.8	0.00	99.99
174.0-175.0	0.1	0.0	36.8	0.00	99.99
175.0-176.0	0.1	0.0	36.8	0.00	100.00
176.0-177.0	0.1	0.0	36.8	0.00	100.00
177.0-178.0	0.1	0.0	36.8	0.00	100.00
178.0-179.0	0.1	0.0	36.8	0.00	100.00
179.0-180.0	0.1	0.0	36.8	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: