

Report No.:

Test Time: 2020/11/18 11:32

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Contour 3.0

Luminaire Description: NEON+RB0VWS2203.0VW-9N-6100

Lamp Catalog: 9N-61

Number of Lamps: 140

Luminous Width (mm): 8

Voltage: 24.0 V

Power: 2.43 W

Lamp Description: 35272IN1 6100K

Luminous Length (mm): 500

Luminous Height (mm): 12

Current: 0.101 A

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 53.9 lm

Downward Ratio: 76%

Horizontal Diffuse Angle(10%,50%): H159.7,H107.2

Vertical Diffuse Angle(10%,50%): V273.2,V174.7

Luminaire Efficacy Rating (LER): 22

Max. Intensity: 14.06 cd

Total Rated Lamp Lumens: 53.9 lm

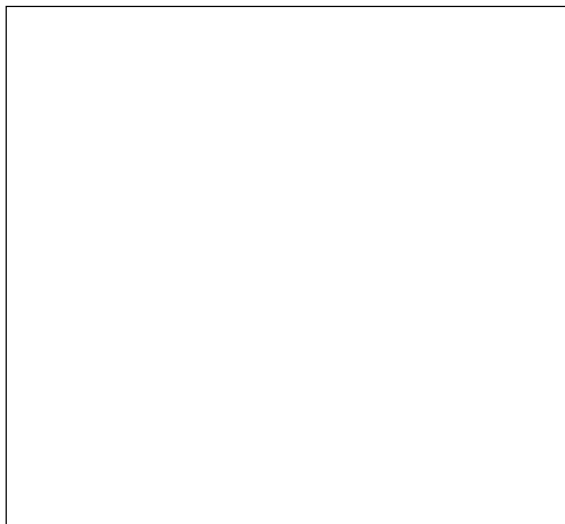
Efficiency: 100%

Upward Ratio: 24%

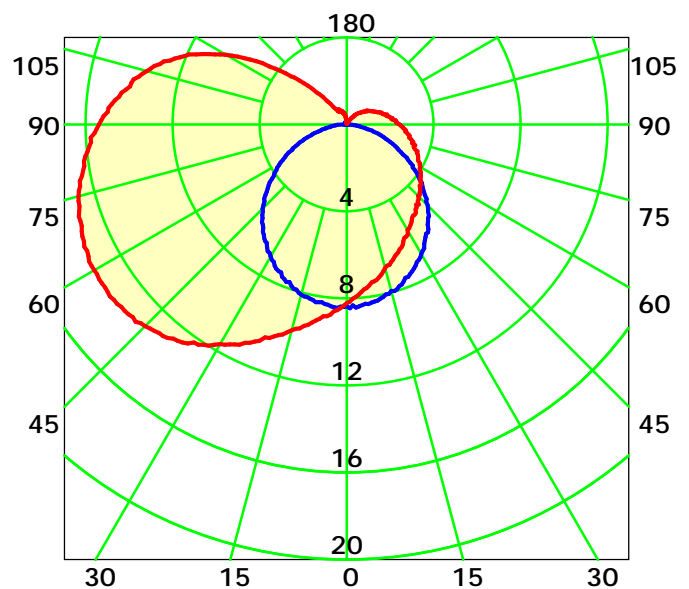
Central Intensity: 8.73 cd

Pos of Max. Intensity: H270 V54

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 140.9° 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

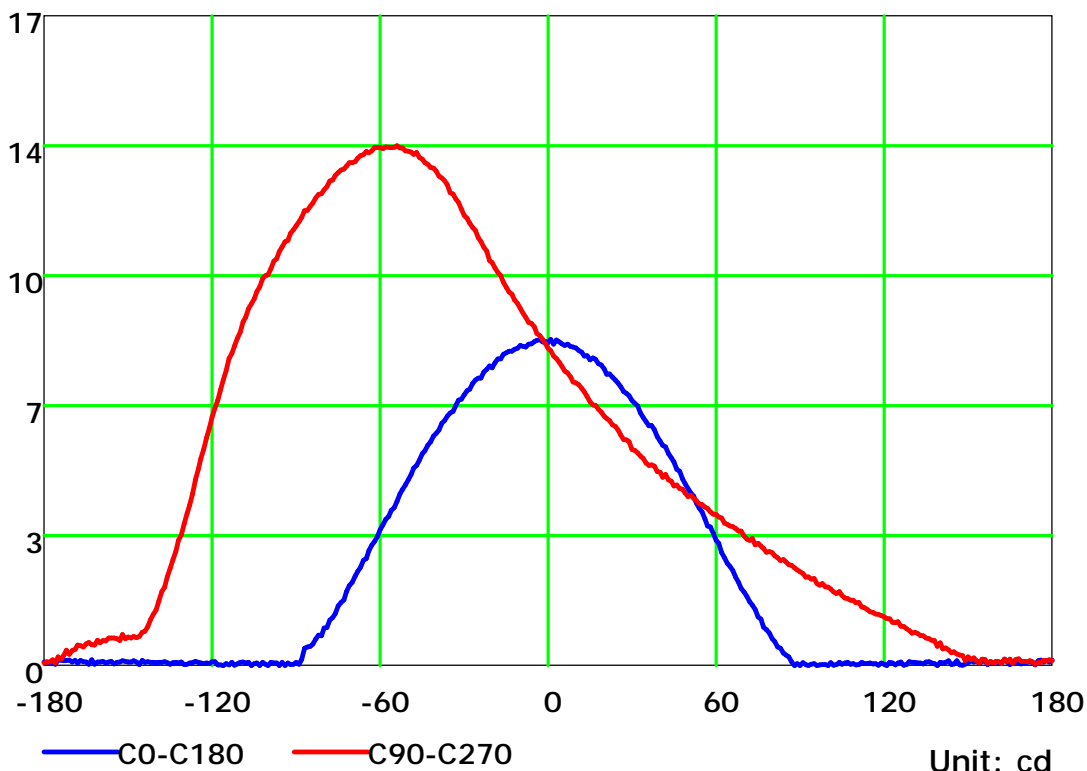
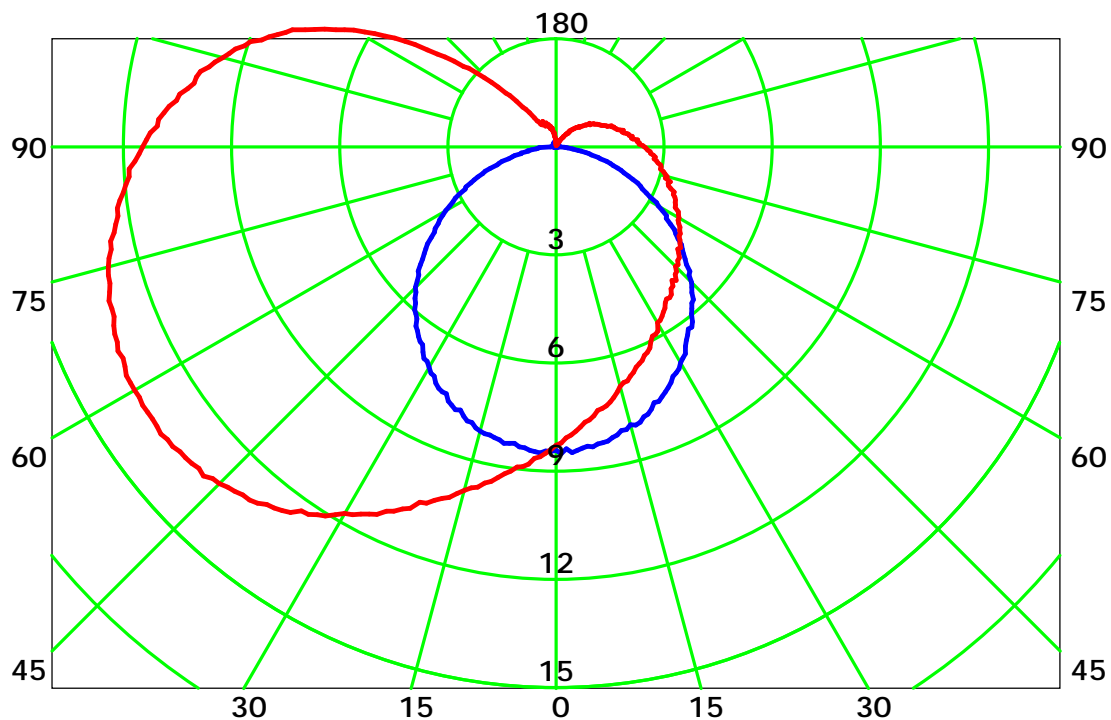
Test Device: GPM-1800B

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

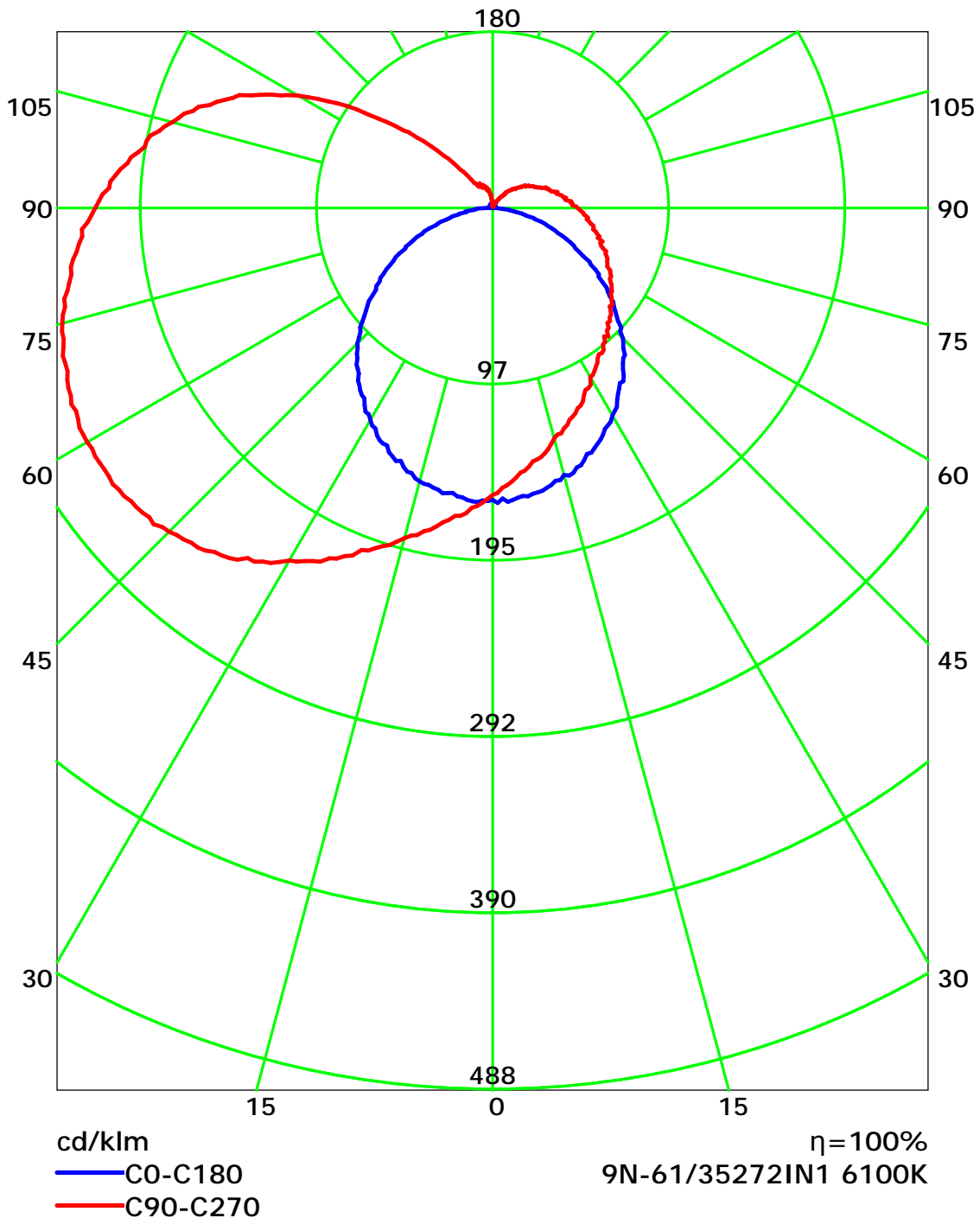
Distance: 9.028 m

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:

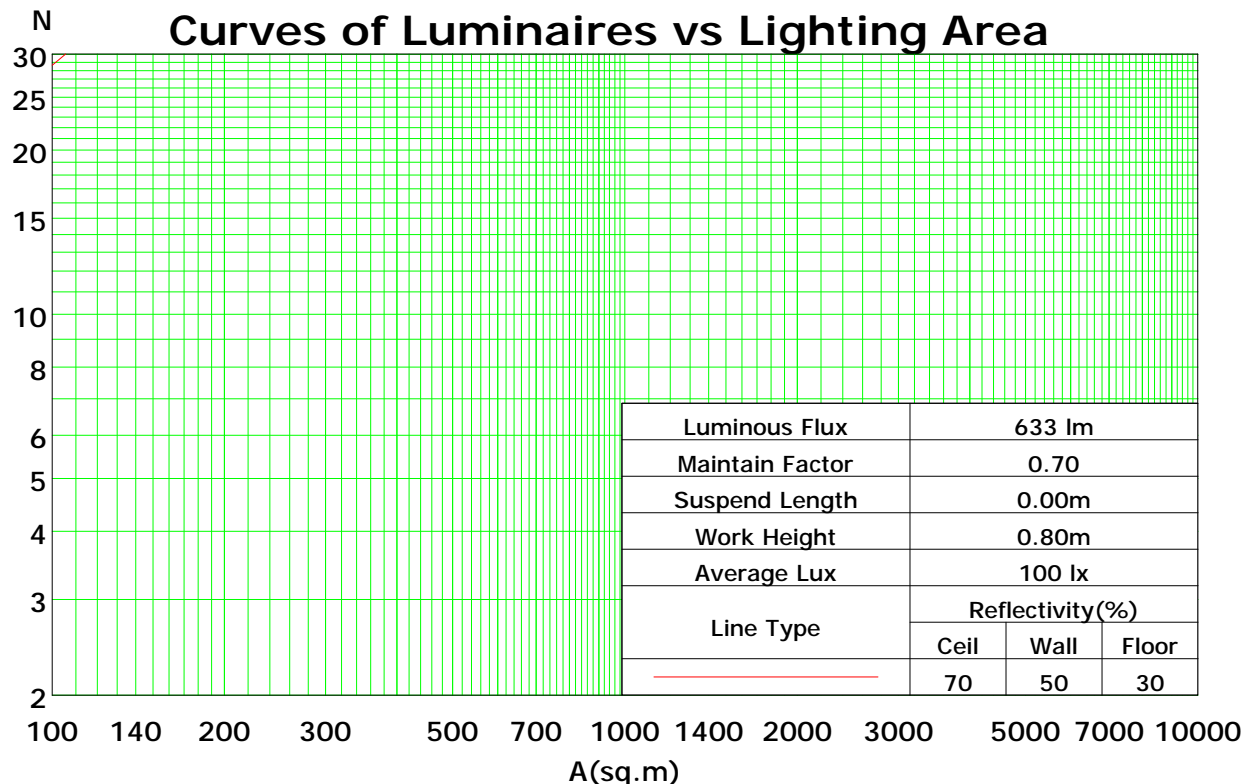
Coefficients Of Utilization - Zonal Cavity Method

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	89	79	70	63	83	75	67	61	67	61	56	60	55	51	54	50	46	43
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	51	43	37	45	39	34	41	35	31	28
5	66	52	42	35	62	50	41	34	45	37	31	40	34	29	36	31	26	24
6	61	47	37	30	57	44	36	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	49	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): 1.24

Spacing Criteria (90-270): 1.64

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

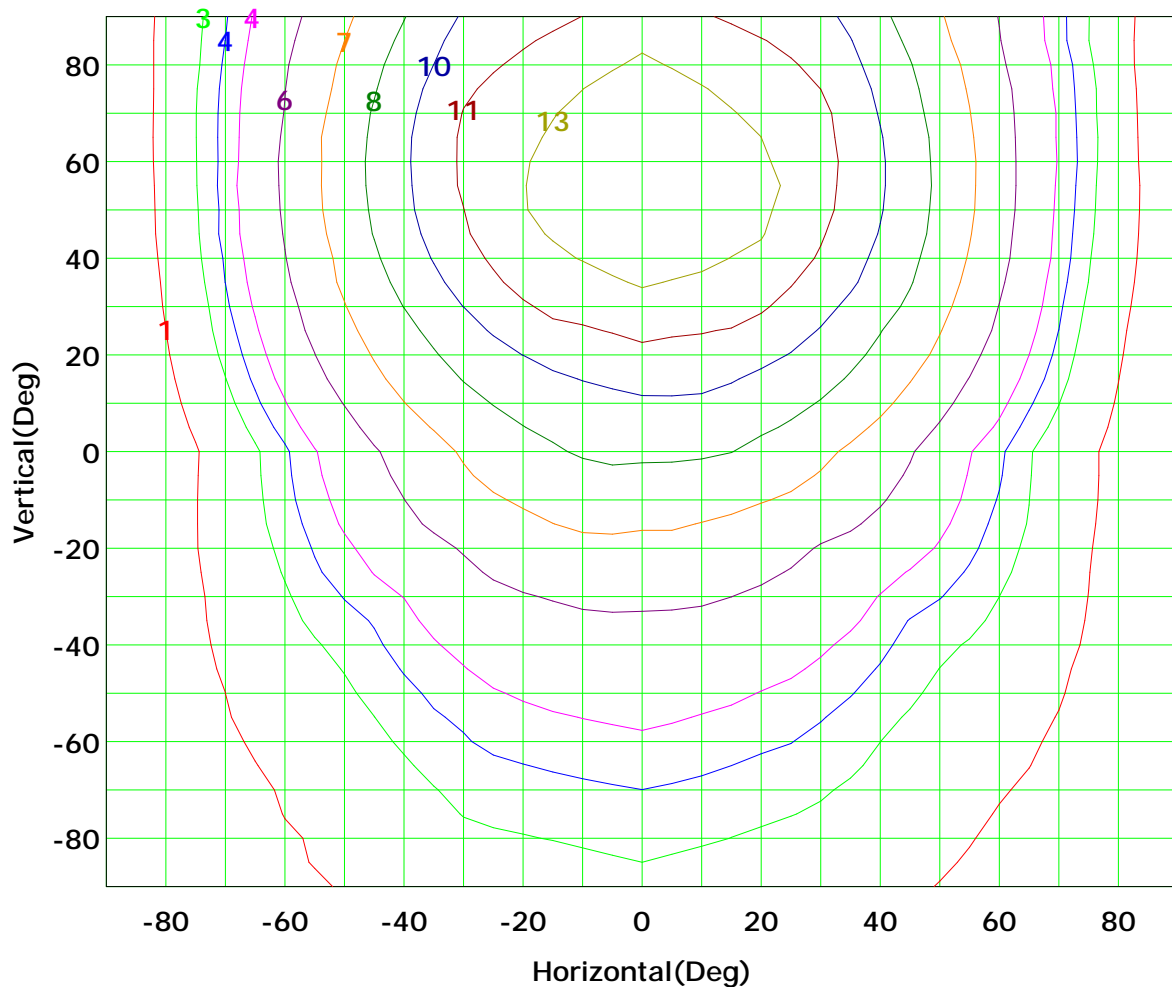
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



I_{max} (100%): 14 cd

(10%):	1 cd	(20%):	3 cd
(25%):	4 cd	(30%):	4 cd
(40%):	6 cd	(50%):	7 cd
(60%):	8 cd	(70%):	10 cd
(80%):	11 cd	(90%):	13 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

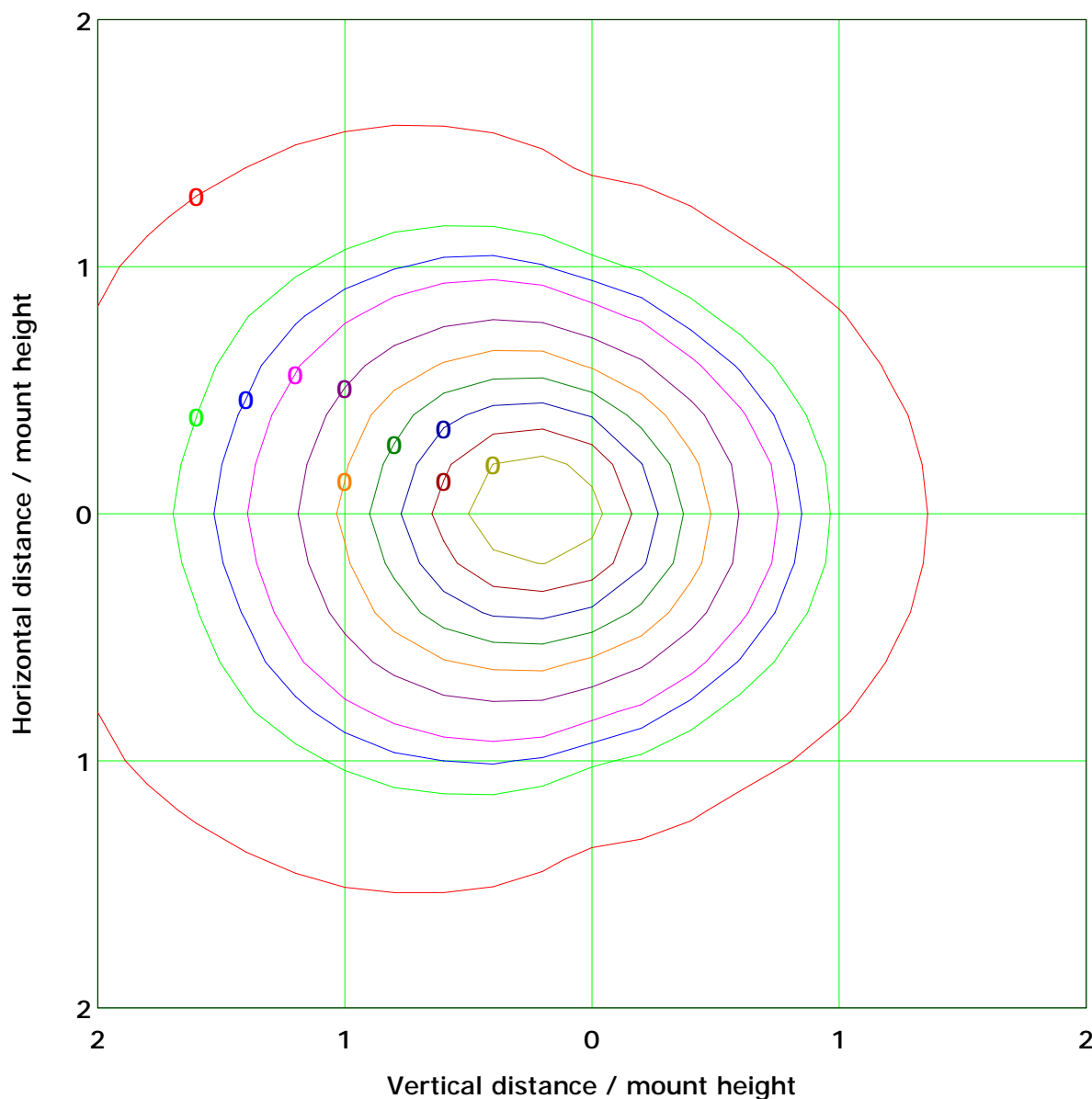
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.4 lx

(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.2 lx
(60%): 0.2 lx	(70%): 0.3 lx
(80%): 0.3 lx	(90%): 0.3 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%

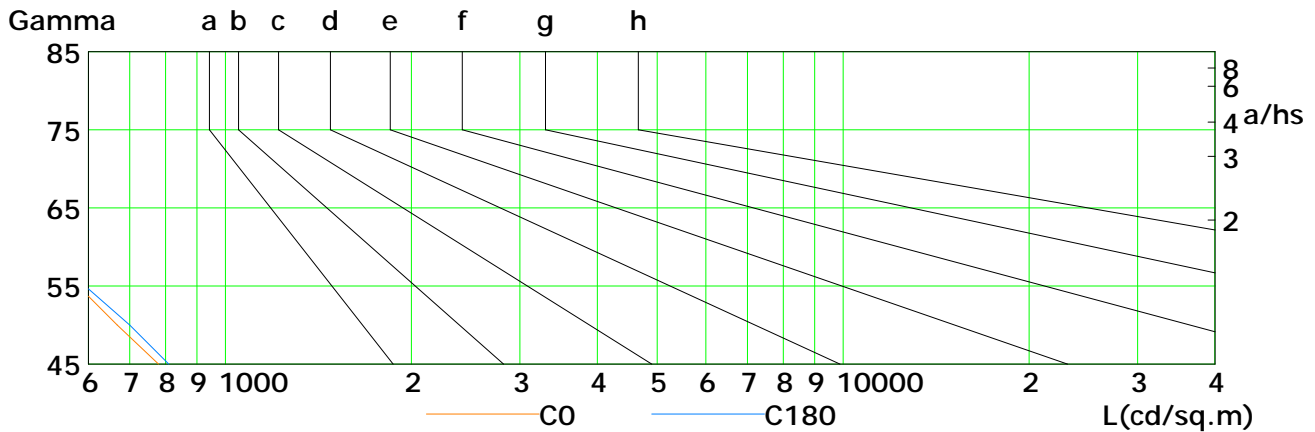
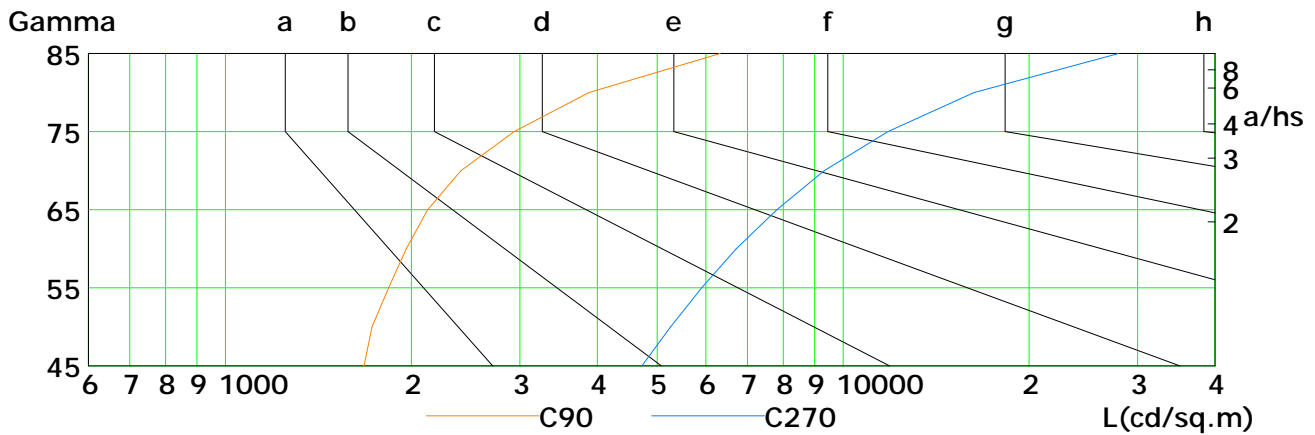
Inspector:



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	779	668	577	471	377	284	193	111	46
C90	1678	1728	1837	1963	2127	2407	2934	3878	6325
C180	810	700	592	510	405	321	236	154	82
C270	4727	5260	5904	6721	7820	9326	11817	16296	27957

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

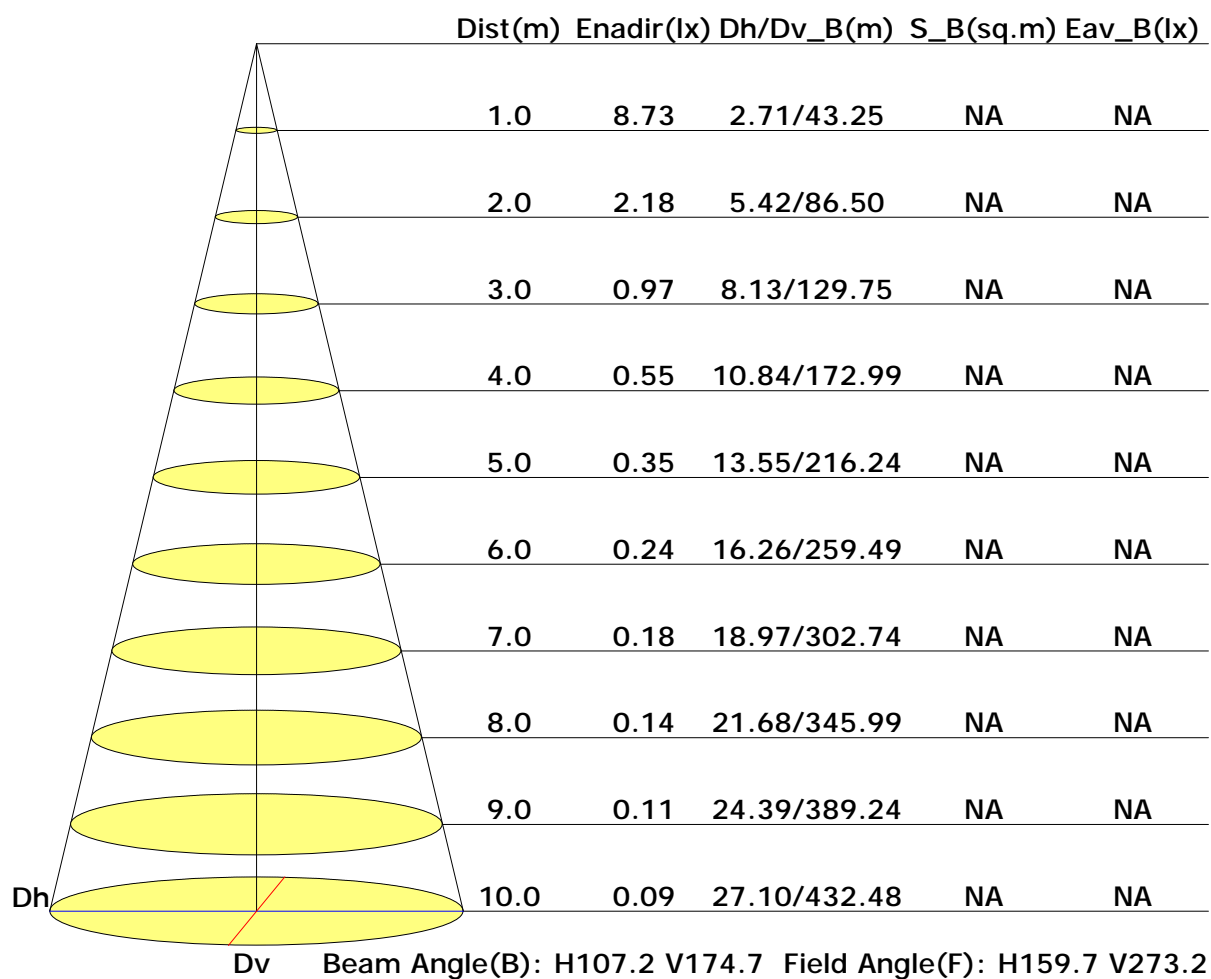
Test Device: GPM-1800B

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

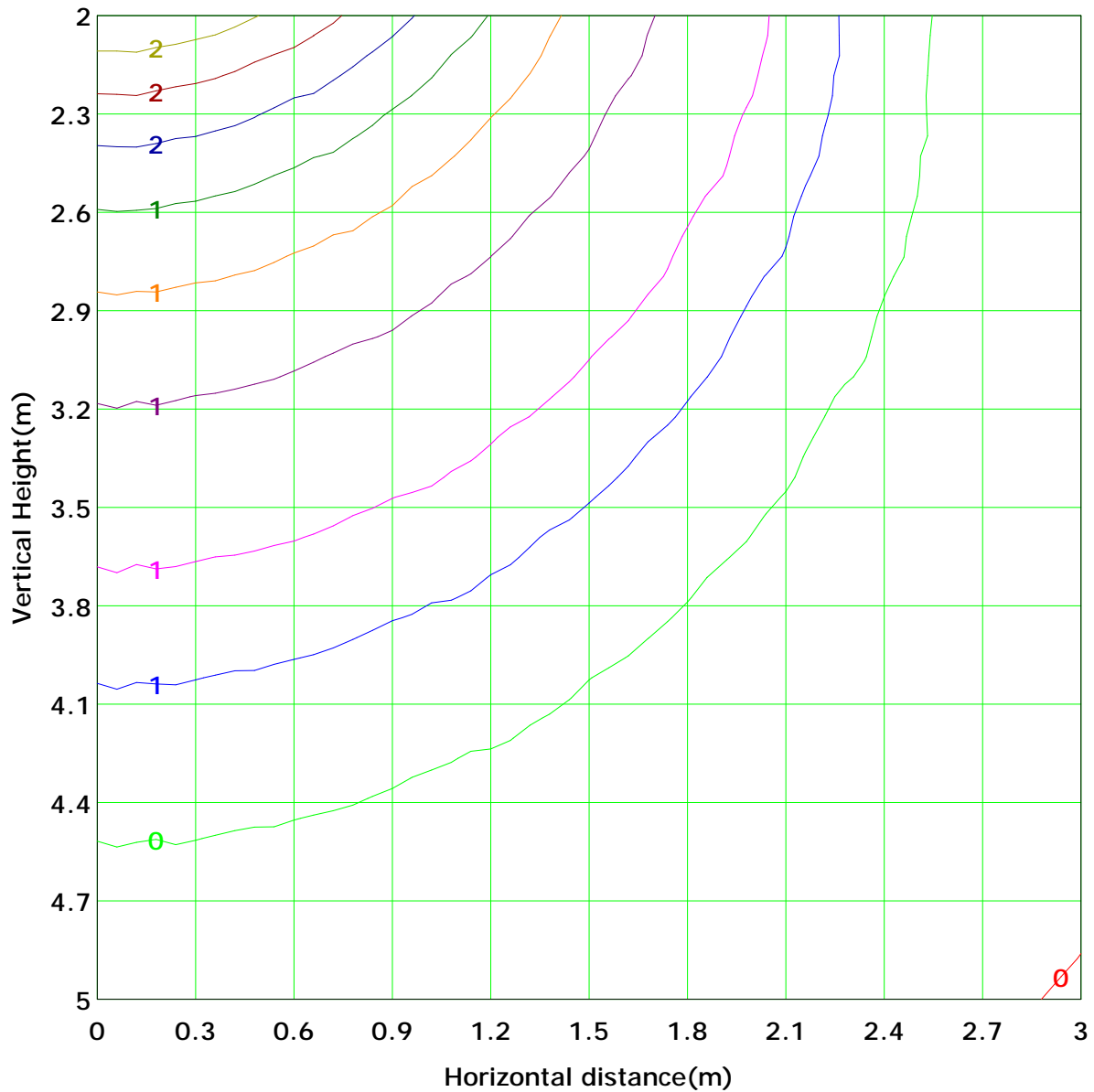
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 2.2 lx
(10%): 0.2 lx	(20%): 0.4 lx	(30%): 0.7 lx
(25%): 0.5 lx	(40%): 0.9 lx	(50%): 1.1 lx
(60%): 1.3 lx	(70%): 1.5 lx	(80%): 1.7 lx
(90%): 2.0 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	0.1	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	0.1	0.0	0.0
	-80	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	0.1	0.0	0.0
	-70	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	0.1	0.0	0.0
	-60	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	0.1	0.0	0.0
	-50	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	0.1	0.0	0.0
	-40	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	0.1	0.0	0.0
	-30	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	0.1	0.0	0.0
	-20	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	0.1	0.0	0.0
	-10	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	0.1	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	0.1	0.1	0.1	0.1	0.0	0.0
	10	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	0.1	0.0	0.0
	20	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	0.1	0.0	0.0
	30	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	0.1	0.0	0.0
	40	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	0.1	0.0	0.0
	50	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	0.1	0.0	0.0
	60	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	0.1	0.0	0.0
	70	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	0.1	0.0	0.0
	80	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	0.1	0.0	0.0
	90	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	0.1	0.0	0.0
	Flux(T)	0.0	0.3	0.8	1.4	2.2	3.1	3.1	3.8	4.4	4.7	4.7	4.3	3.8	3.0	2.2	1.4	0.7	0.2	0.0	41	
	Flux(E)	0.0	0.2	0.7	1.4	2.2	3.1	3.1	3.8	4.4	4.7	4.7	4.3	3.8	3.0	2.2	1.4	0.7	0.2	0.0		41

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

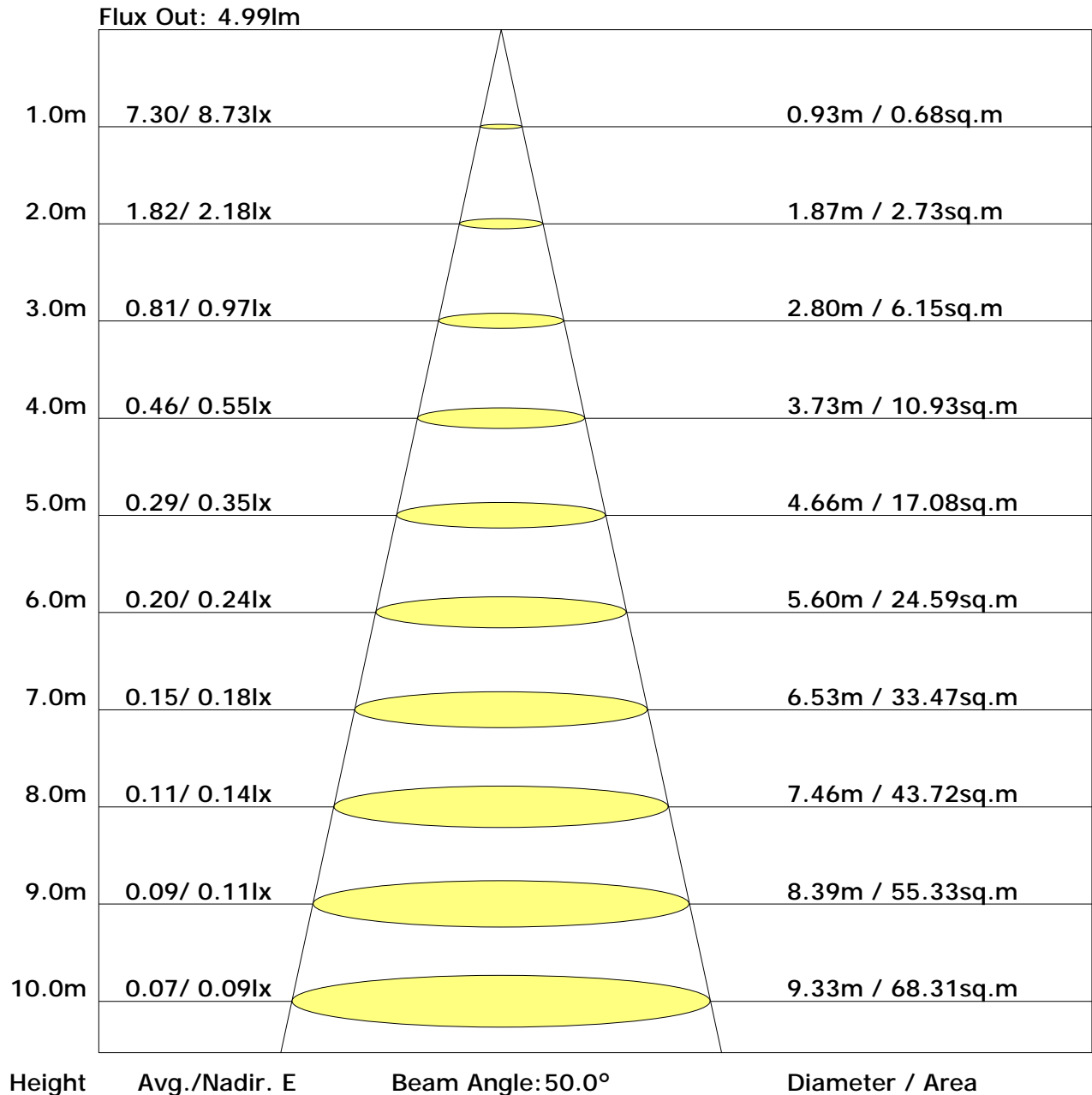
Distance: 9.028 m

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	20.4	21.8	21.1	22.5	23.3	16.7	18.1	17.4	18.8	19.6
3H	22.3	23.5	22.9	24.2	25.1	19.0	20.2	19.7	20.9	21.8
4H	23.0	24.1	23.7	24.9	25.7	20.0	21.2	20.7	21.9	22.8
6H	23.5	24.6	24.2	25.3	26.2	21.0	22.1	21.7	22.8	23.7
8H	23.6	24.7	24.3	25.4	26.3	21.4	22.5	22.2	23.3	24.1
12H	23.7	24.7	24.5	25.5	26.4	21.9	22.9	22.6	23.7	24.6
X=4H Y=2H	21.6	22.8	22.3	23.5	24.4	17.3	18.5	18.0	19.2	20.1
3H	23.8	24.8	24.5	25.5	26.4	19.8	20.8	20.5	21.6	22.5
4H	24.7	25.6	25.4	26.4	27.3	21.0	22.0	21.7	22.7	23.6
6H	25.4	26.3	26.2	27.0	28.0	22.2	23.0	22.9	23.8	24.7
8H	25.7	26.5	26.4	27.3	28.2	22.7	23.5	23.5	24.3	25.3
12H	25.9	26.6	26.6	27.4	28.3	23.3	24.0	24.1	24.8	25.8
X=8H Y=4H	25.7	26.5	26.4	27.3	28.2	21.4	22.1	22.1	22.9	23.9
6H	26.7	27.4	27.5	28.2	29.2	22.7	23.4	23.5	24.3	25.2
8H	27.2	27.8	28.0	28.6	29.6	23.5	24.1	24.3	24.9	25.9
12H	27.6	28.1	28.4	28.9	29.9	24.2	24.8	25.0	25.6	26.6
X=12H Y=4H	26.0	26.7	26.7	27.5	28.4	21.4	22.1	22.2	22.9	23.9
6H	27.1	27.8	27.9	28.6	29.6	22.9	23.5	23.7	24.3	25.3
8H	27.7	28.3	28.5	29.1	30.1	23.7	24.2	24.4	25.0	26.0

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	0.52	0.59	0.64	0.67	0.73	0.76	
	0.20		0.29	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	0.70	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	0.43	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	0.46	0.49	0.53	0.57	
Rating: 2W 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	0.91	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	0.41	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	0.96	0.84	0.73	0.66	0.55	0.49	0.41	0.33	0.28
	0.30		0.81	0.73	0.65	0.59	0.50	0.43	0.39	0.32	0.27
	0.20		0.71	0.64	0.58	0.53	0.46	0.40	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	0.46	0.40	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	0.40	0.35	0.31	0.28	0.23	0.20
Rating: 2W 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(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	0.41	0.42	0.43	0.44	0.44	0.44	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	0.33	0.34	0.35	0.37	0.37	0.38	0.39	0.40
	0.20		0.27	0.28	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		0.31	0.33	0.34	0.34	0.36	0.36	0.37	0.38	0.38
	0.20		0.27	0.28	0.29	0.30	0.31	0.33	0.33	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: 2W 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	8.6	0.0	0.0	0.02	0.02
1.0-2.0	8.6	0.0	0.0	0.05	0.06
2.0-3.0	8.6	0.0	0.1	0.08	0.14
3.0-4.0	8.6	0.1	0.1	0.11	0.25
4.0-5.0	8.6	0.1	0.2	0.14	0.38
5.0-6.0	8.6	0.1	0.3	0.17	0.55
6.0-7.0	8.6	0.1	0.4	0.20	0.75
7.0-8.0	8.6	0.1	0.5	0.23	0.98
8.0-9.0	8.6	0.1	0.7	0.26	1.24
9.0-10.0	8.6	0.2	0.8	0.29	1.52
10.0-11.0	8.6	0.2	1.0	0.32	1.84
11.0-12.0	8.6	0.2	1.2	0.35	2.19
12.0-13.0	8.5	0.2	1.4	0.38	2.56
13.0-14.0	8.5	0.2	1.6	0.41	2.97
14.0-15.0	8.5	0.2	1.8	0.43	3.40
15.0-16.0	8.5	0.2	2.1	0.46	3.87
16.0-17.0	8.5	0.3	2.3	0.49	4.36
17.0-18.0	8.5	0.3	2.6	0.52	4.87
18.0-19.0	8.5	0.3	2.9	0.55	5.42
19.0-20.0	8.4	0.3	3.2	0.57	5.99
20.0-21.0	8.4	0.3	3.6	0.60	6.59
21.0-22.0	8.4	0.3	3.9	0.62	7.22
22.0-23.0	8.4	0.4	4.2	0.65	7.87
23.0-24.0	8.3	0.4	4.6	0.68	8.54
24.0-25.0	8.3	0.4	5.0	0.70	9.24
25.0-26.0	8.3	0.4	5.4	0.73	9.97
26.0-27.0	8.3	0.4	5.8	0.75	10.72
27.0-28.0	8.2	0.4	6.2	0.77	11.49
28.0-29.0	8.2	0.4	6.6	0.80	12.29
29.0-30.0	8.2	0.4	7.1	0.82	13.11
30.0-31.0	8.1	0.5	7.5	0.84	13.95
31.0-32.0	8.1	0.5	8.0	0.86	14.81
32.0-33.0	8.1	0.5	8.5	0.88	15.69
33.0-34.0	8.0	0.5	9.0	0.90	16.59
34.0-35.0	8.0	0.5	9.4	0.92	17.51
35.0-36.0	8.0	0.5	10.0	0.94	18.45

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	7.9	0.5	10.5	0.96	19.41
37.0-38.0	7.9	0.5	11.0	0.98	20.39
38.0-39.0	7.8	0.5	11.5	0.99	21.38
39.0-40.0	7.8	0.5	12.1	1.01	22.39
40.0-41.0	7.8	0.6	12.6	1.03	23.42
41.0-42.0	7.7	0.6	13.2	1.04	24.46
42.0-43.0	7.7	0.6	13.8	1.05	25.51
43.0-44.0	7.6	0.6	14.3	1.07	26.58
44.0-45.0	7.6	0.6	14.9	1.08	27.65
45.0-46.0	7.5	0.6	15.5	1.09	28.74
46.0-47.0	7.5	0.6	16.1	1.10	29.84
47.0-48.0	7.4	0.6	16.7	1.11	30.96
48.0-49.0	7.4	0.6	17.3	1.12	32.08
49.0-50.0	7.3	0.6	17.9	1.13	33.20
50.0-51.0	7.2	0.6	18.5	1.13	34.34
51.0-52.0	7.2	0.6	19.1	1.14	35.48
52.0-53.0	7.1	0.6	19.8	1.15	36.63
53.0-54.0	7.0	0.6	20.4	1.15	37.77
54.0-55.0	7.0	0.6	21.0	1.15	38.93
55.0-56.0	6.9	0.6	21.6	1.16	40.09
56.0-57.0	6.8	0.6	22.2	1.16	41.25
57.0-58.0	6.8	0.6	22.9	1.16	42.41
58.0-59.0	6.7	0.6	23.5	1.16	43.57
59.0-60.0	6.6	0.6	24.1	1.16	44.74
60.0-61.0	6.6	0.6	24.8	1.16	45.90
61.0-62.0	6.5	0.6	25.4	1.16	47.06
62.0-63.0	6.4	0.6	26.0	1.16	48.21
63.0-64.0	6.3	0.6	26.6	1.15	49.37
64.0-65.0	6.3	0.6	27.2	1.15	50.51
65.0-66.0	6.2	0.6	27.9	1.14	51.66
66.0-67.0	6.1	0.6	28.5	1.14	52.80
67.0-68.0	6.0	0.6	29.1	1.13	53.93
68.0-69.0	6.0	0.6	29.7	1.13	55.06
69.0-70.0	5.9	0.6	30.3	1.12	56.18
70.0-71.0	5.8	0.6	30.9	1.11	57.29
71.0-72.0	5.7	0.6	31.5	1.10	58.39

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	5.6	0.6	32.1	1.10	59.49
73.0-74.0	5.6	0.6	32.7	1.09	60.57
74.0-75.0	5.5	0.6	33.3	1.08	61.65
75.0-76.0	5.4	0.6	33.8	1.06	62.71
76.0-77.0	5.3	0.6	34.4	1.05	63.76
77.0-78.0	5.2	0.6	35.0	1.04	64.80
78.0-79.0	5.2	0.6	35.5	1.03	65.83
79.0-80.0	5.1	0.5	36.1	1.02	66.84
80.0-81.0	5.0	0.5	36.6	1.00	67.84
81.0-82.0	4.9	0.5	37.1	0.99	68.83
82.0-83.0	4.9	0.5	37.7	0.98	69.81
83.0-84.0	4.8	0.5	38.2	0.97	70.78
84.0-85.0	4.7	0.5	38.7	0.95	71.73
85.0-86.0	4.6	0.5	39.2	0.94	72.67
86.0-87.0	4.6	0.5	39.7	0.93	73.60
87.0-88.0	4.5	0.5	40.2	0.91	74.52
88.0-89.0	4.4	0.5	40.7	0.90	75.41
89.0-90.0	4.4	0.5	41.2	0.89	76.30
90.0-91.0	4.3	0.5	41.6	0.88	77.17
91.0-92.0	4.2	0.5	42.1	0.86	78.04
92.0-93.0	4.2	0.5	42.6	0.85	78.89
93.0-94.0	4.1	0.5	43.0	0.83	79.72
94.0-95.0	4.1	0.4	43.4	0.82	80.54
95.0-96.0	4.0	0.4	43.9	0.81	81.36
96.0-97.0	3.9	0.4	44.3	0.80	82.15
97.0-98.0	3.9	0.4	44.7	0.78	82.94
98.0-99.0	3.8	0.4	45.2	0.77	83.71
99.0-100.0	3.8	0.4	45.6	0.75	84.46
100.0-101.0	3.7	0.4	46.0	0.74	85.20
101.0-102.0	3.6	0.4	46.3	0.72	85.92
102.0-103.0	3.6	0.4	46.7	0.71	86.63
103.0-104.0	3.5	0.4	47.1	0.69	87.32
104.0-105.0	3.4	0.4	47.5	0.67	87.99
105.0-106.0	3.3	0.4	47.8	0.65	88.64
106.0-107.0	3.3	0.3	48.2	0.63	89.28
107.0-108.0	3.2	0.3	48.5	0.61	89.89

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	3.1	0.3	48.8	0.59	90.49
109.0-110.0	3.0	0.3	49.1	0.57	91.05
110.0-111.0	2.9	0.3	49.4	0.55	91.60
111.0-112.0	2.8	0.3	49.7	0.53	92.12
112.0-113.0	2.7	0.3	50.0	0.51	92.63
113.0-114.0	2.6	0.3	50.2	0.48	93.11
114.0-115.0	2.5	0.2	50.5	0.46	93.57
115.0-116.0	2.4	0.2	50.7	0.44	94.01
116.0-117.0	2.3	0.2	50.9	0.42	94.43
117.0-118.0	2.2	0.2	51.1	0.39	94.82
118.0-119.0	2.1	0.2	51.3	0.37	95.19
119.0-120.0	2.0	0.2	51.5	0.35	95.55
120.0-121.0	1.9	0.2	51.7	0.33	95.88
121.0-122.0	1.8	0.2	51.9	0.31	96.19
122.0-123.0	1.7	0.2	52.0	0.29	96.48
123.0-124.0	1.6	0.1	52.2	0.27	96.75
124.0-125.0	1.5	0.1	52.3	0.25	97.01
125.0-126.0	1.4	0.1	52.5	0.24	97.24
126.0-127.0	1.3	0.1	52.6	0.22	97.46
127.0-128.0	1.3	0.1	52.7	0.20	97.66
128.0-129.0	1.2	0.1	52.8	0.19	97.85
129.0-130.0	1.1	0.1	52.9	0.17	98.03
130.0-131.0	1.0	0.1	53.0	0.16	98.19
131.0-132.0	1.0	0.1	53.0	0.15	98.34
132.0-133.0	0.9	0.1	53.1	0.14	98.47
133.0-134.0	0.8	0.1	53.2	0.13	98.60
134.0-135.0	0.8	0.1	53.2	0.12	98.71
135.0-136.0	0.7	0.1	53.3	0.11	98.82
136.0-137.0	0.7	0.1	53.4	0.09	98.91
137.0-138.0	0.6	0.0	53.4	0.09	99.00
138.0-139.0	0.6	0.0	53.4	0.08	99.08
139.0-140.0	0.5	0.0	53.5	0.07	99.15
140.0-141.0	0.5	0.0	53.5	0.06	99.21
141.0-142.0	0.5	0.0	53.5	0.06	99.27
142.0-143.0	0.4	0.0	53.6	0.05	99.32
143.0-144.0	0.4	0.0	53.6	0.05	99.37

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	0.4	0.0	53.6	0.04	99.41
145.0-146.0	0.4	0.0	53.6	0.04	99.45
146.0-147.0	0.3	0.0	53.7	0.04	99.49
147.0-148.0	0.3	0.0	53.7	0.04	99.53
148.0-149.0	0.3	0.0	53.7	0.03	99.56
149.0-150.0	0.3	0.0	53.7	0.03	99.60
150.0-151.0	0.3	0.0	53.7	0.03	99.63
151.0-152.0	0.3	0.0	53.8	0.03	99.66
152.0-153.0	0.3	0.0	53.8	0.03	99.69
153.0-154.0	0.3	0.0	53.8	0.03	99.72
154.0-155.0	0.3	0.0	53.8	0.02	99.74
155.0-156.0	0.3	0.0	53.8	0.03	99.77
156.0-157.0	0.3	0.0	53.8	0.02	99.79
157.0-158.0	0.3	0.0	53.8	0.02	99.81
158.0-159.0	0.3	0.0	53.8	0.02	99.83
159.0-160.0	0.3	0.0	53.9	0.02	99.85
160.0-161.0	0.3	0.0	53.9	0.02	99.87
161.0-162.0	0.3	0.0	53.9	0.02	99.88
162.0-163.0	0.3	0.0	53.9	0.02	99.90
163.0-164.0	0.2	0.0	53.9	0.01	99.91
164.0-165.0	0.2	0.0	53.9	0.01	99.92
165.0-166.0	0.2	0.0	53.9	0.01	99.94
166.0-167.0	0.2	0.0	53.9	0.01	99.95
167.0-168.0	0.2	0.0	53.9	0.01	99.96
168.0-169.0	0.2	0.0	53.9	0.01	99.97
169.0-170.0	0.2	0.0	53.9	0.01	99.97
170.0-171.0	0.2	0.0	53.9	0.01	99.98
171.0-172.0	0.2	0.0	53.9	0.01	99.98
172.0-173.0	0.2	0.0	53.9	0.00	99.99
173.0-174.0	0.1	0.0	53.9	0.00	99.99
174.0-175.0	0.1	0.0	53.9	0.00	100.00
175.0-176.0	0.1	0.0	53.9	0.00	100.00
176.0-177.0	0.1	0.0	53.9	0.00	100.00
177.0-178.0	0.1	0.0	53.9	0.00	100.00
178.0-179.0	0.1	0.0	53.9	0.00	100.00
179.0-180.0	0.1	0.0	53.9	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: