

Report No.:

Test Time: 2020/12/29 14:16

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: CHANNEL

Lamp Catalog: RIBBONLYTE

Number of Lamps: 1 ROW

Luminous Width (mm): 23.5

Voltage: 24.0 V

Power: 5.23 W

Luminaire Description: AR23

Lamp Description: RB90SWS2203.030

Luminous Length (mm): 500

Luminous Height (mm): 19

Current: 0.218 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 232.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H153.8,H94.3

Vertical Diffuse Angle(10%,50%): V154.7,V86.4

Luminaire Efficacy Rating (LER): 44

Max. Intensity: 103.13 cd

Total Rated Lamp Lumens: 232.6 lm

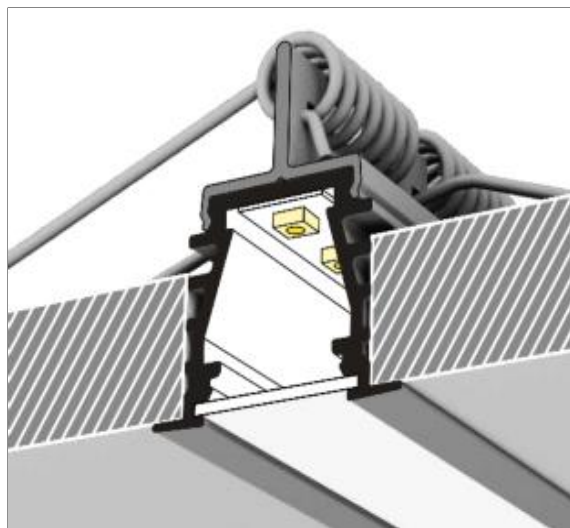
Efficiency: 100%

Upward Ratio: 1%

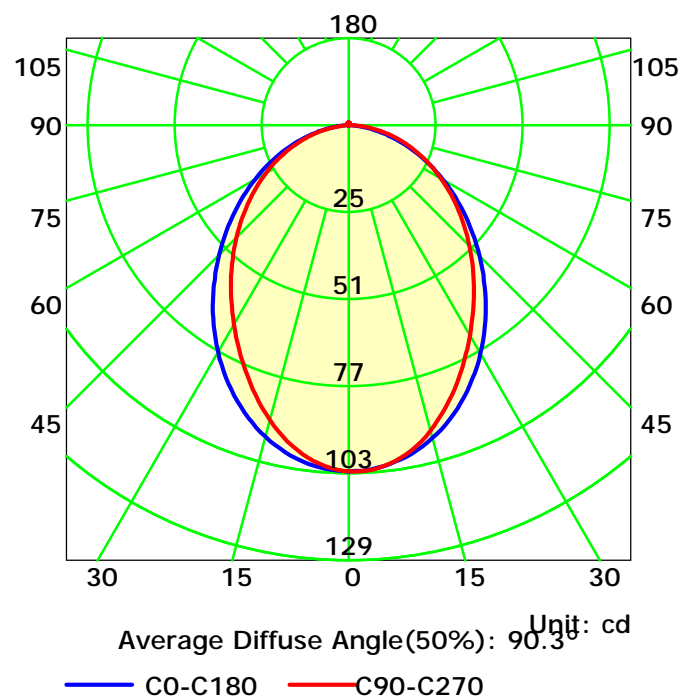
Central Intensity: 102.98 cd

Pos of Max. Intensity: H120 V1

Picture Of Luminaire



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

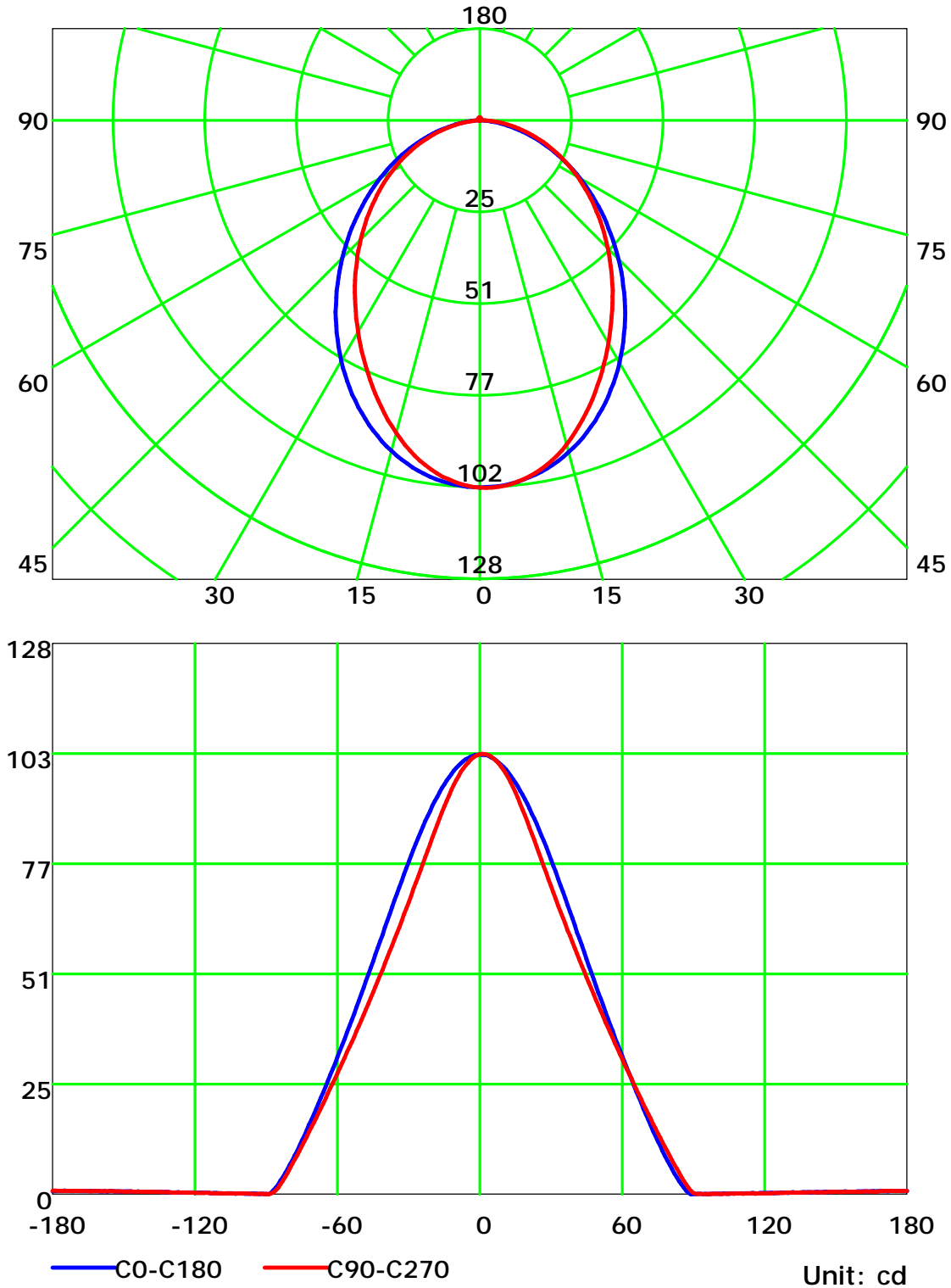
Distance: 9.028 m

Humidity: 60%

Inspector:



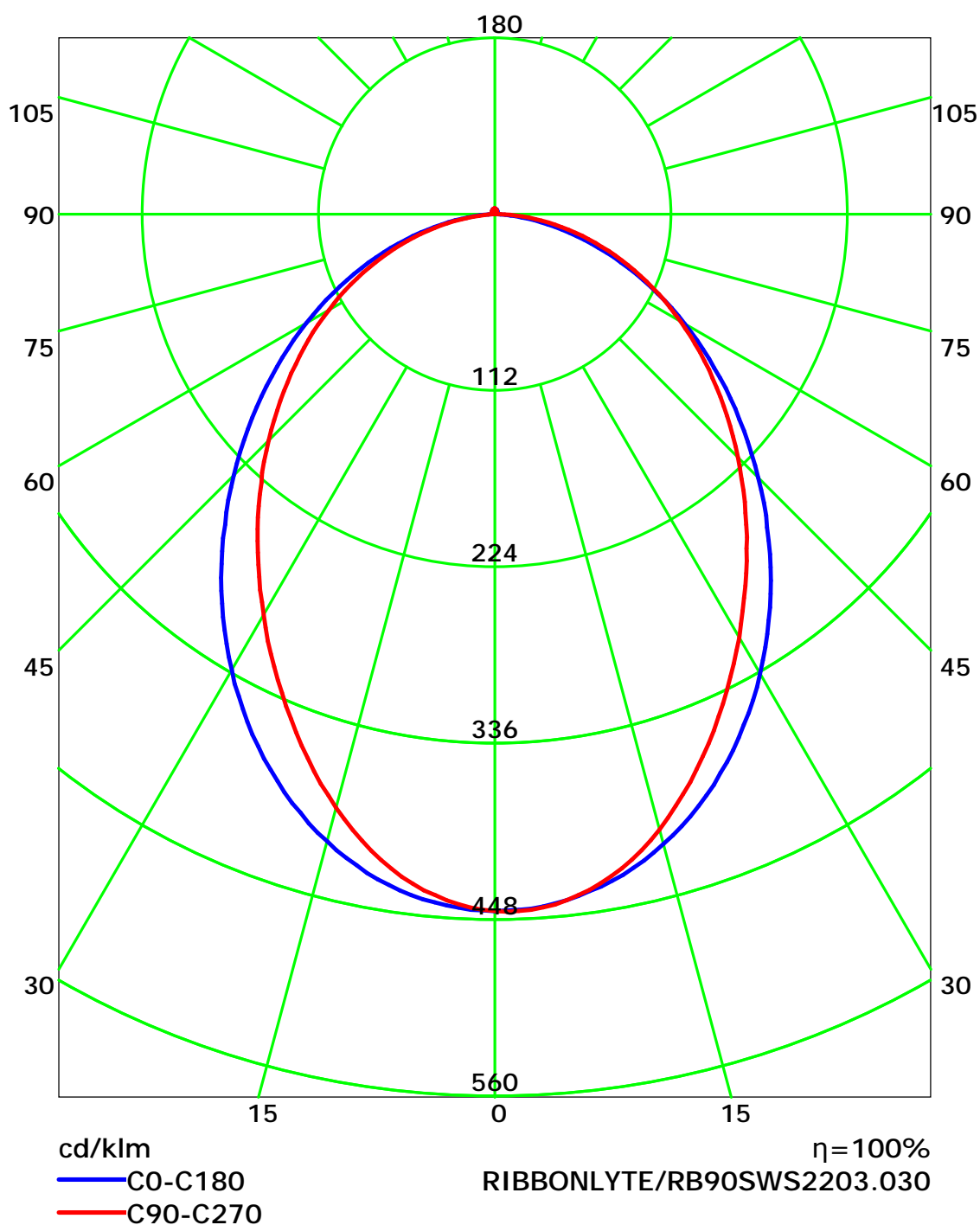
Luminous Intensity Distribution Curve



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:

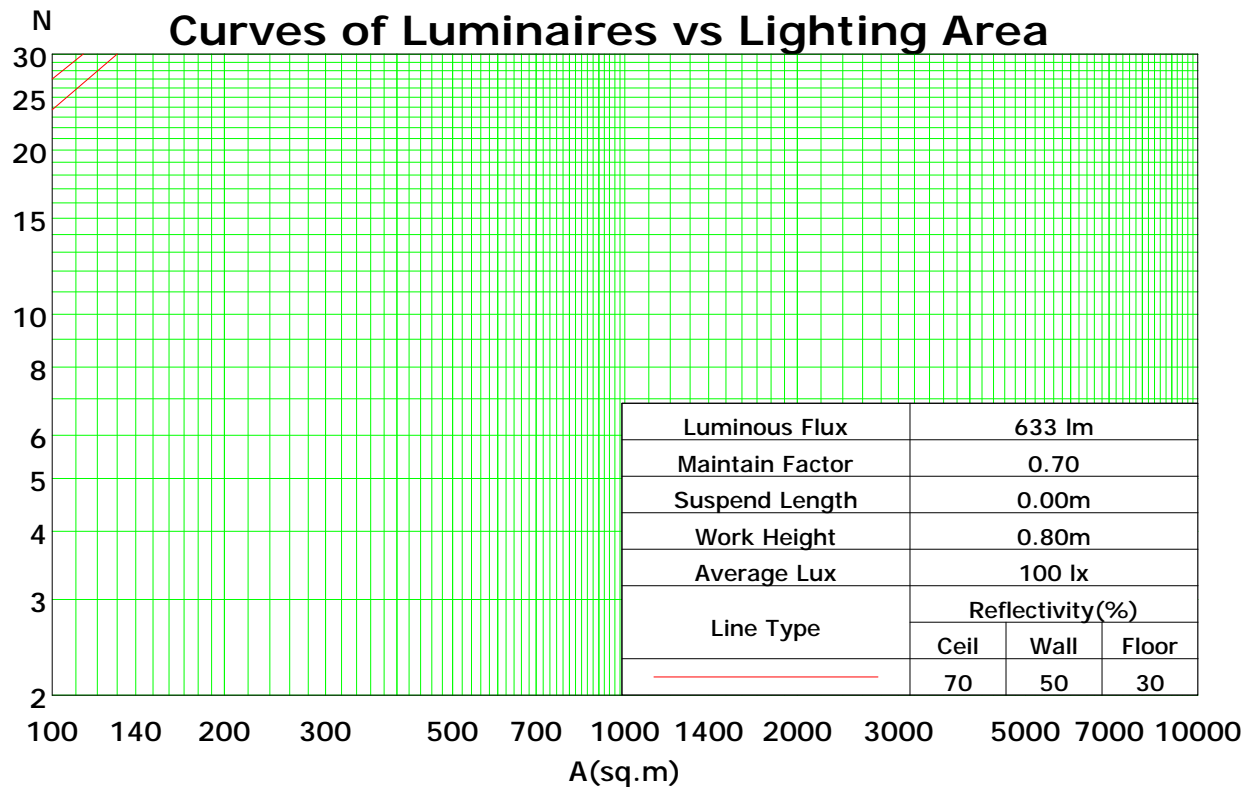
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	105	101	97	106	102	99	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	74	67	89	80	72	67	77	70	65	74	69	64	71	67	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	55	64	59	55	52
5	78	65	57	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	49	41	35	47	40	35	46	39	35	45	39	34	33
9	58	45	37	32	57	45	37	32	44	37	32	42	36	31	41	36	31	29
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	39	33	29	27

Spacing Criteria (0-180): 1.14

Spacing Criteria (90-270): 1.05

Spacing Criteria (Diagonal): 1.20



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

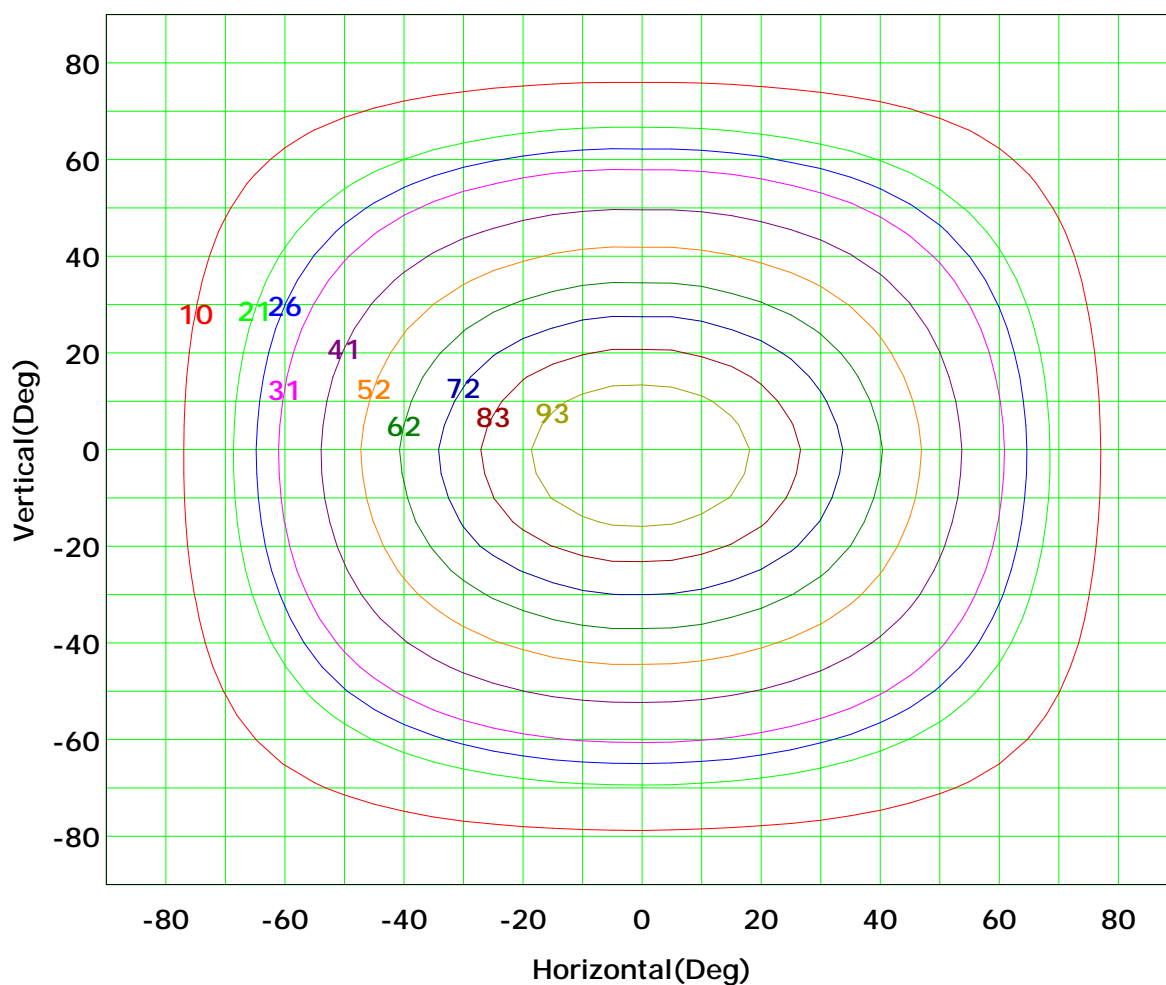
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



I_{max} (100%): 103 cd

(10%):	10 cd	(20%):	21 cd
(25%):	26 cd	(30%):	31 cd
(40%):	41 cd	(50%):	52 cd
(60%):	62 cd	(70%):	72 cd
(80%):	83 cd	(90%):	93 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

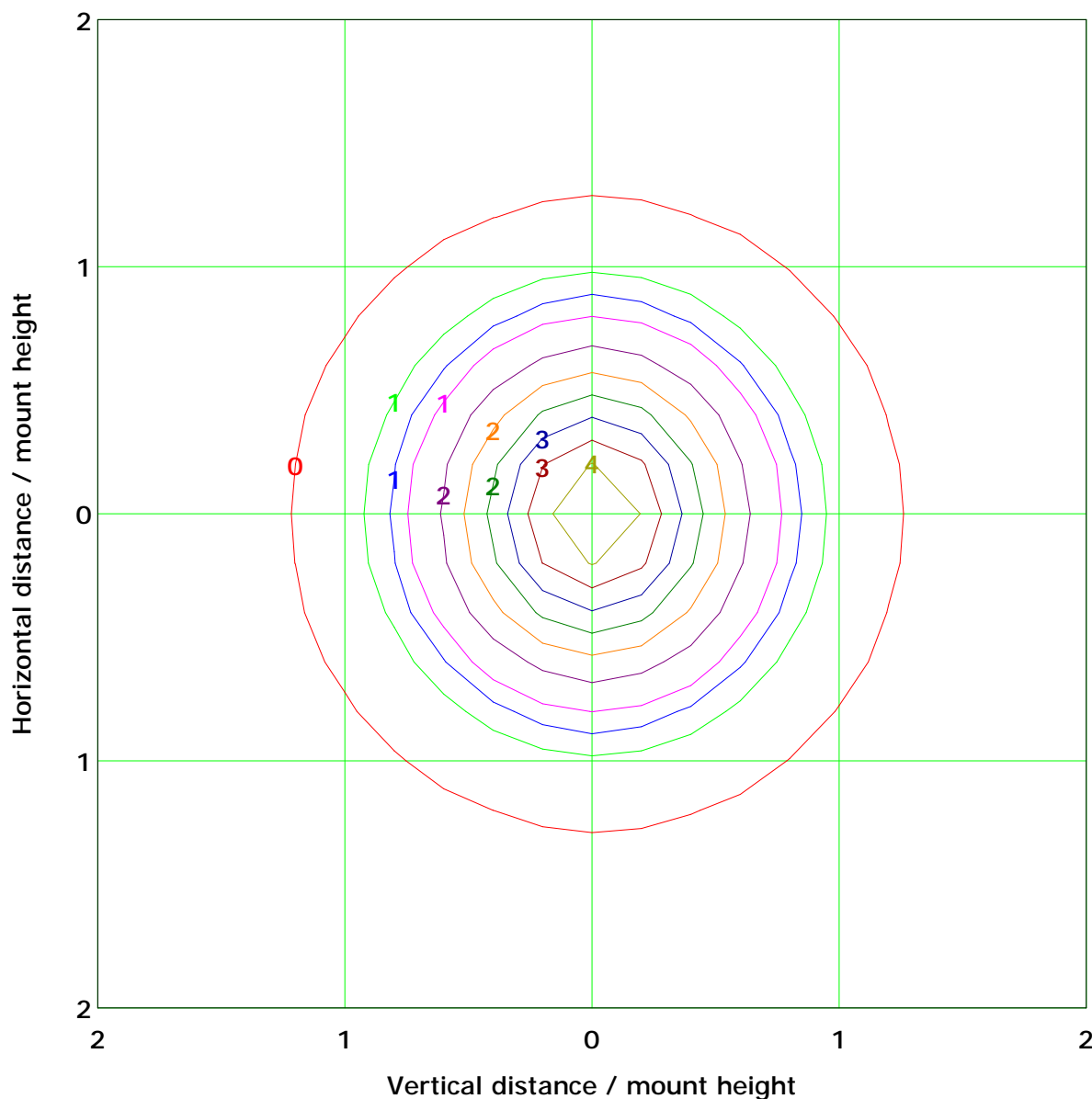
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 4.1 lx

(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.0 lx	(30%): 1.2 lx
(40%): 1.6 lx	(50%): 2.1 lx
(60%): 2.5 lx	(70%): 2.9 lx
(80%): 3.3 lx	(90%): 3.7 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

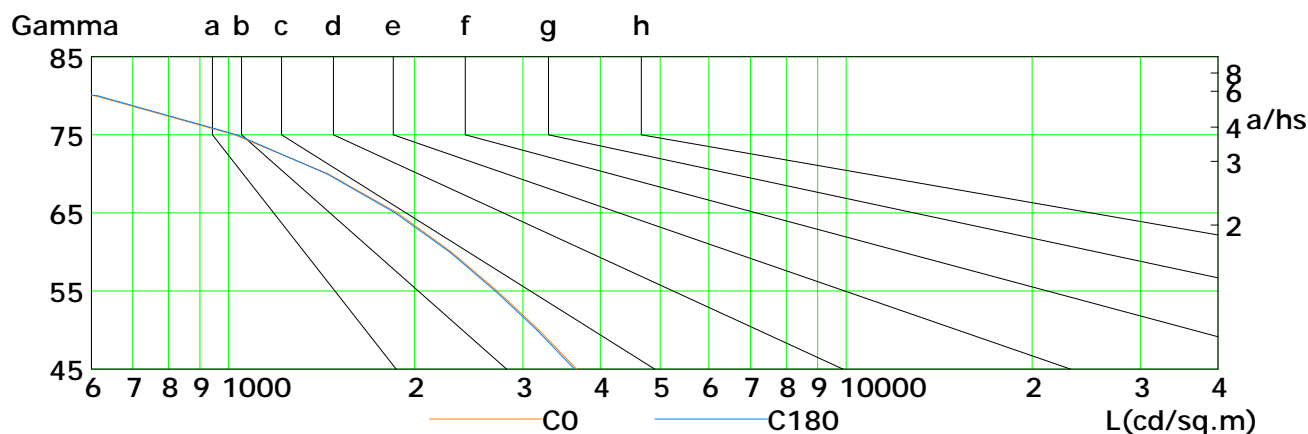
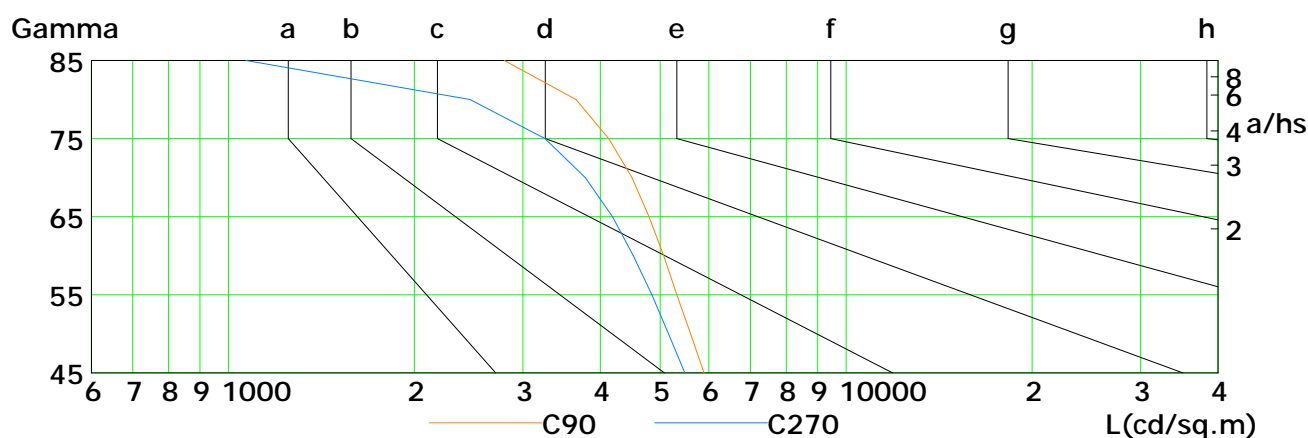
Humidity: 60%

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	3665	3181	2727	2295	1878	1450	1024	608	226
C90	5894	5601	5323	5066	4798	4504	4127	3653	2798
C180	3634	3162	2707	2283	1864	1445	1032	614	222
C270	5487	5158	4847	4524	4190	3783	3257	2464	1069

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

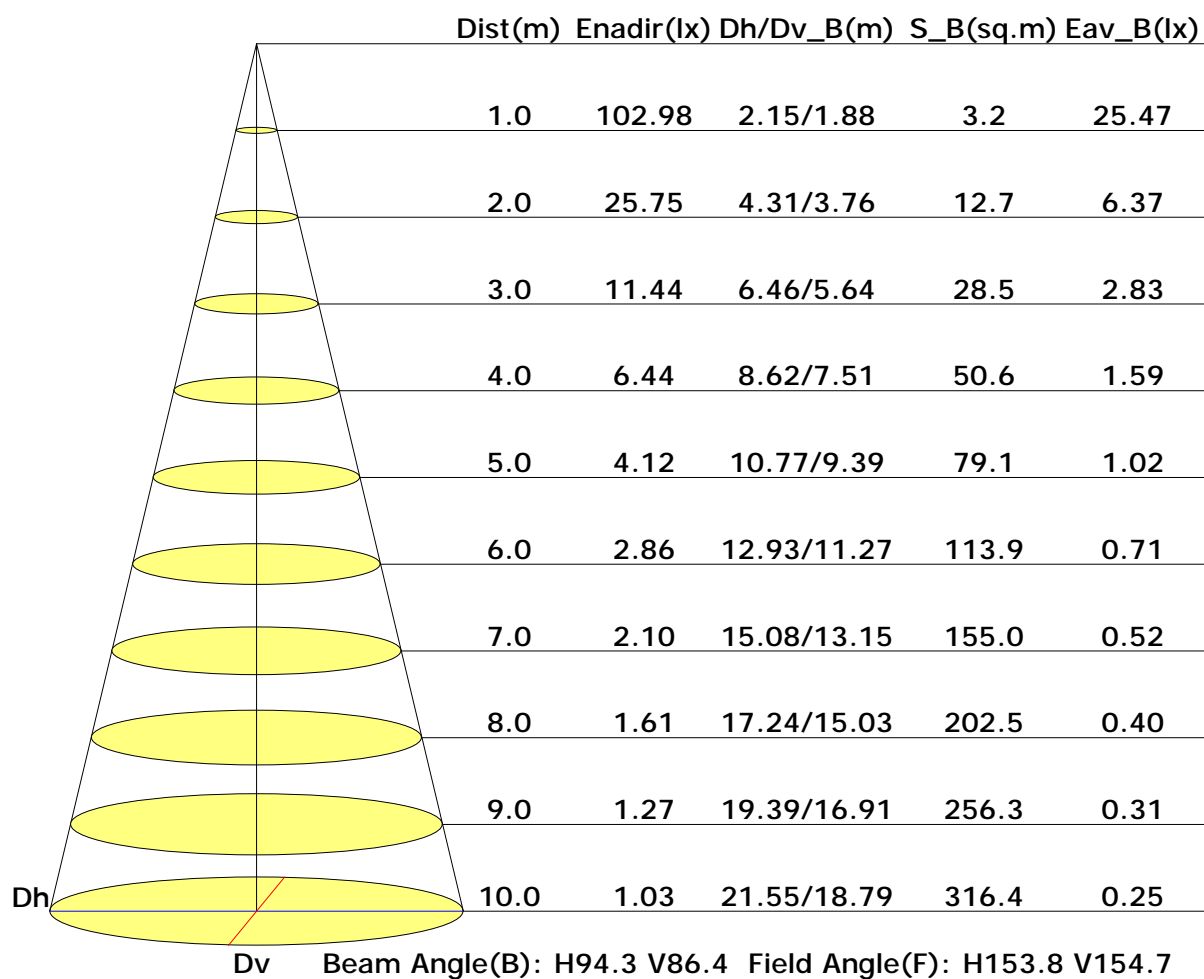
Test Device: GPM-1800B

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

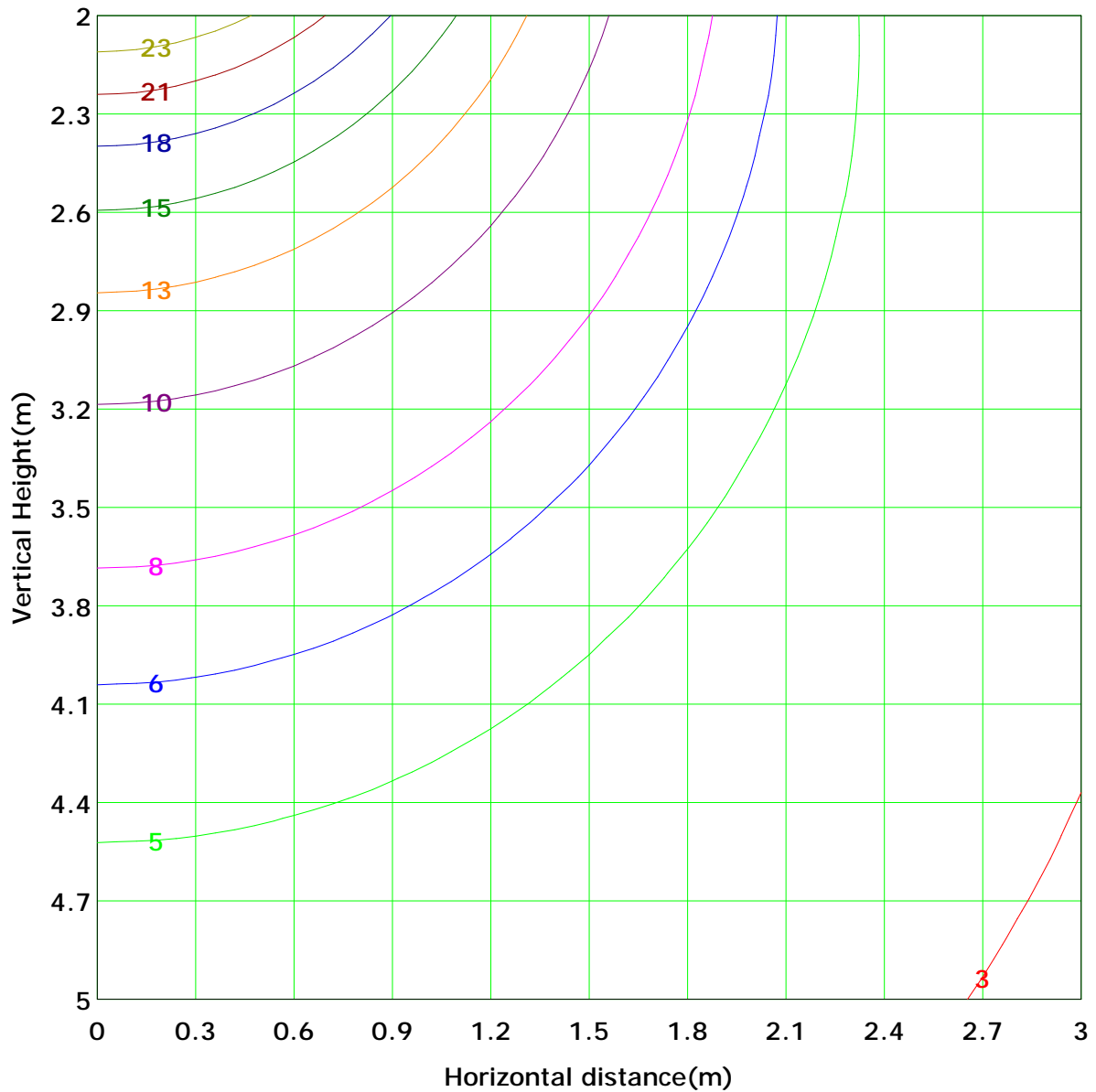
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 25.7 lx
(10%): 2.6 lx	(20%): 5.1 lx	(30%): 7.7 lx
(25%): 6.4 lx	(40%): 10.3 lx	(50%): 12.9 lx
(60%): 15.4 lx	(70%): 18.0 lx	(90%): 23.2 lx
(80%): 20.6 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-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	0.0	1.1	0.6
	-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	3.4	3.0
	-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	7.0	6.7
	-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	11.6	11.3
	-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	16.7	16.4
	-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	21.6	21.3
	-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	25.5	25.2
	-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	27.7	27.4
	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	27.8	27.4
	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	25.7	25.3
	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	21.8	21.5
	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	16.9	16.6
	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	11.7	11.4
	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	7.1	6.7
	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	3.4	3.1
	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	1.1	0.6
	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	0.1	0.0
	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	230	224
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

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

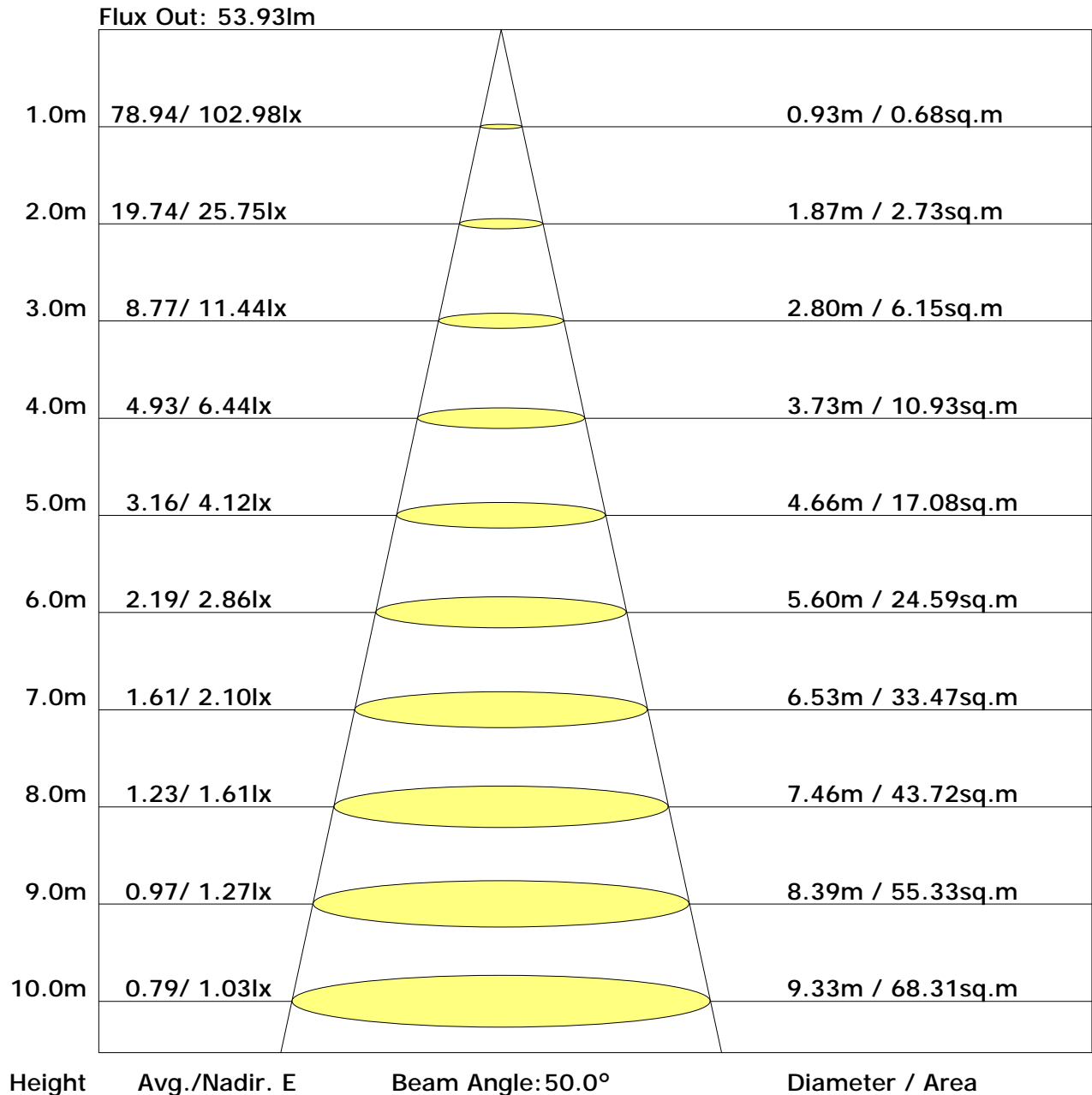
Distance: 9.028 m

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	21.7	23.2	22.1	23.6	23.9	20.1	21.7	20.5	22.0	22.3
3H	23.3	24.7	23.7	25.0	25.4	21.5	22.9	21.9	23.2	23.6
4H	23.8	25.1	24.2	25.5	25.9	21.9	23.2	22.4	23.6	24.0
6H	24.2	25.4	24.6	25.8	26.2	22.2	23.4	22.7	23.8	24.2
8H	24.3	25.4	24.7	25.8	26.2	22.3	23.4	22.7	23.9	24.3
12H	24.3	25.4	24.7	25.8	26.3	22.3	23.4	22.8	23.8	24.3
X=4H Y=2H	22.0	23.3	22.4	23.7	24.1	20.7	22.0	21.1	22.4	22.8
3H	23.7	24.8	24.2	25.3	25.7	22.3	23.4	22.7	23.8	24.2
4H	24.4	25.4	24.8	25.8	26.3	22.8	23.8	23.3	24.3	24.7
6H	24.8	25.7	25.3	26.1	26.6	23.2	24.1	23.7	24.5	25.0
8H	24.9	25.7	25.4	26.2	26.7	23.3	24.1	23.8	24.6	25.1
12H	25.0	25.7	25.5	26.2	26.7	23.3	24.1	23.8	24.6	25.1
X=8H Y=4H	24.5	25.3	24.9	25.7	26.2	23.1	23.9	23.6	24.4	24.8
6H	24.9	25.6	25.5	26.1	26.6	23.5	24.2	24.1	24.7	25.2
8H	25.1	25.7	25.6	26.2	26.7	23.7	24.3	24.2	24.8	25.3
12H	25.2	25.7	25.7	26.2	26.8	23.7	24.3	24.3	24.8	25.4
X=12H Y=4H	24.5	25.2	25.0	25.7	26.2	23.1	23.8	23.6	24.3	24.8
6H	24.9	25.5	25.5	26.0	26.6	23.6	24.2	24.1	24.7	25.2
8H	25.1	25.6	25.6	26.1	26.7	23.7	24.3	24.3	24.8	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 = 1.25								
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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.53	0.63	0.70	0.76	0.83	0.89	0.92	0.98	1.01
	0.20		0.48	0.58	0.65	0.71	0.79	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.59	0.68	0.75	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.52	0.62	0.69	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.57	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.51	0.61	0.67	0.72	0.79	0.83	0.87	0.91	0.94
	0.20		0.47	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92
0.00	0.00	0.00	0.45	0.54	0.60	0.65	0.72	0.76	0.80	0.84	0.87
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 = 1.25									
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	0.94	0.77	0.66	0.57	0.45	0.38	0.32	0.25	0.20	
	0.30		0.78	0.66	0.57	0.50	0.41	0.34	0.30	0.23	0.19	
	0.20		0.67	0.58	0.51	0.45	0.37	0.32	0.28	0.22	0.18	
0.50	0.50	0.20	0.90	0.74	0.63	0.54	0.43	0.39	0.30	0.23	0.19	
	0.30		0.76	0.64	0.55	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.66	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.87	0.71	0.60	0.52	0.41	0.34	0.29	0.22	0.18	
	0.30		0.75	0.62	0.54	0.47	0.38	0.32	0.27	0.21	0.17	
	0.20		0.65	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17	
0.00	0.00	0.00	0.55	0.46	0.39	0.34	0.28	0.23	0.20	0.15	0.13	
<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 = 1.25								
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	0.18	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	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	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: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	103.0	0.1	0.1	0.04	0.04
1.0-2.0	102.9	0.3	0.4	0.13	0.17
2.0-3.0	102.7	0.5	0.9	0.21	0.38
3.0-4.0	102.5	0.7	1.6	0.30	0.68
4.0-5.0	102.2	0.9	2.5	0.38	1.05
5.0-6.0	101.8	1.1	3.5	0.46	1.51
6.0-7.0	101.3	1.3	4.8	0.54	2.05
7.0-8.0	100.7	1.4	6.2	0.62	2.67
8.0-9.0	100.1	1.6	7.8	0.70	3.37
9.0-10.0	99.4	1.8	9.6	0.77	4.15
10.0-11.0	98.6	2.0	11.6	0.85	4.99
11.0-12.0	97.8	2.1	13.7	0.92	5.91
12.0-13.0	96.9	2.3	16.0	0.99	6.90
13.0-14.0	95.9	2.5	18.5	1.06	7.96
14.0-15.0	94.9	2.6	21.1	1.12	9.08
15.0-16.0	93.8	2.7	23.9	1.18	10.26
16.0-17.0	92.6	2.9	26.7	1.24	11.50
17.0-18.0	91.4	3.0	29.8	1.30	12.80
18.0-19.0	90.2	3.1	32.9	1.35	14.14
19.0-20.0	88.9	3.3	36.2	1.40	15.54
20.0-21.0	87.6	3.4	39.5	1.45	16.99
21.0-22.0	86.3	3.5	43.0	1.49	18.48
22.0-23.0	84.9	3.6	46.5	1.53	20.01
23.0-24.0	83.5	3.7	50.2	1.57	21.58
24.0-25.0	82.1	3.7	53.9	1.60	23.19
25.0-26.0	80.6	3.8	57.7	1.64	24.83
26.0-27.0	79.2	3.9	61.6	1.67	26.49
27.0-28.0	77.7	3.9	65.5	1.69	28.18
28.0-29.0	76.2	4.0	69.5	1.71	29.90
29.0-30.0	74.7	4.0	73.6	1.73	31.63
30.0-31.0	73.2	4.1	77.6	1.75	33.38
31.0-32.0	71.7	4.1	81.7	1.77	35.15
32.0-33.0	70.2	4.1	85.9	1.78	36.93
33.0-34.0	68.7	4.2	90.0	1.79	38.71
34.0-35.0	67.2	4.2	94.2	1.79	40.51
35.0-36.0	65.7	4.2	98.4	1.80	42.31

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	64.2	4.2	102.6	1.80	44.11
37.0-38.0	62.7	4.2	106.8	1.80	45.91
38.0-39.0	61.2	4.2	110.9	1.80	47.71
39.0-40.0	59.7	4.2	115.1	1.79	49.50
40.0-41.0	58.2	4.1	119.3	1.78	51.28
41.0-42.0	56.7	4.1	123.4	1.77	53.05
42.0-43.0	55.3	4.1	127.5	1.76	54.81
43.0-44.0	53.8	4.1	131.5	1.75	56.56
44.0-45.0	52.4	4.0	135.6	1.73	58.29
45.0-46.0	50.9	4.0	139.5	1.71	60.00
46.0-47.0	49.5	3.9	143.5	1.69	61.69
47.0-48.0	48.0	3.9	147.4	1.67	63.36
48.0-49.0	46.6	3.8	151.2	1.65	65.01
49.0-50.0	45.2	3.8	155.0	1.62	66.63
50.0-51.0	43.8	3.7	158.7	1.60	68.23
51.0-52.0	42.5	3.6	162.3	1.57	69.79
52.0-53.0	41.1	3.6	165.9	1.54	71.33
53.0-54.0	39.7	3.5	169.4	1.51	72.84
54.0-55.0	38.4	3.4	172.8	1.47	74.31
55.0-56.0	37.0	3.3	176.2	1.44	75.75
56.0-57.0	35.7	3.3	179.4	1.40	77.16
57.0-58.0	34.4	3.2	182.6	1.37	78.52
58.0-59.0	33.1	3.1	185.7	1.33	79.85
59.0-60.0	31.8	3.0	188.7	1.29	81.15
60.0-61.0	30.5	2.9	191.6	1.25	82.40
61.0-62.0	29.2	2.8	194.4	1.21	83.61
62.0-63.0	27.9	2.7	197.2	1.17	84.78
63.0-64.0	26.7	2.6	199.8	1.13	85.90
64.0-65.0	25.4	2.5	202.3	1.08	86.98
65.0-66.0	24.2	2.4	204.7	1.04	88.02
66.0-67.0	22.9	2.3	207.0	0.99	89.01
67.0-68.0	21.7	2.2	209.2	0.94	89.96
68.0-69.0	20.5	2.1	211.3	0.90	90.85
69.0-70.0	19.2	2.0	213.3	0.85	91.70
70.0-71.0	18.1	1.9	215.1	0.80	92.51
71.0-72.0	16.9	1.8	216.9	0.75	93.26

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	15.7	1.6	218.5	0.71	93.97
73.0-74.0	14.5	1.5	220.0	0.66	94.62
74.0-75.0	13.4	1.4	221.5	0.61	95.23
75.0-76.0	12.3	1.3	222.8	0.56	95.79
76.0-77.0	11.1	1.2	224.0	0.51	96.30
77.0-78.0	10.0	1.1	225.0	0.46	96.76
78.0-79.0	9.0	1.0	226.0	0.42	97.18
79.0-80.0	7.9	0.9	226.8	0.37	97.55
80.0-81.0	6.9	0.7	227.6	0.32	97.87
81.0-82.0	5.9	0.6	228.2	0.27	98.14
82.0-83.0	4.9	0.5	228.8	0.23	98.37
83.0-84.0	4.0	0.4	229.2	0.19	98.56
84.0-85.0	3.1	0.3	229.5	0.14	98.70
85.0-86.0	2.2	0.2	229.8	0.10	98.80
86.0-87.0	1.5	0.2	229.9	0.07	98.87
87.0-88.0	0.9	0.1	230.0	0.04	98.92
88.0-89.0	0.5	0.1	230.1	0.02	98.94
89.0-90.0	0.2	0.0	230.1	0.01	98.95
90.0-91.0	0.1	0.0	230.1	0.01	98.96
91.0-92.0	0.1	0.0	230.1	0.01	98.96
92.0-93.0	0.1	0.0	230.2	0.01	98.97
93.0-94.0	0.1	0.0	230.2	0.01	98.98
94.0-95.0	0.1	0.0	230.2	0.01	98.98
95.0-96.0	0.1	0.0	230.2	0.01	98.99
96.0-97.0	0.1	0.0	230.2	0.01	98.99
97.0-98.0	0.1	0.0	230.2	0.01	99.00
98.0-99.0	0.2	0.0	230.2	0.01	99.01
99.0-100.0	0.2	0.0	230.3	0.01	99.02
100.0-101.0	0.2	0.0	230.3	0.01	99.03
101.0-102.0	0.2	0.0	230.3	0.01	99.03
102.0-103.0	0.2	0.0	230.3	0.01	99.04
103.0-104.0	0.2	0.0	230.4	0.01	99.05
104.0-105.0	0.2	0.0	230.4	0.01	99.06
105.0-106.0	0.2	0.0	230.4	0.01	99.07
106.0-107.0	0.2	0.0	230.4	0.01	99.08
107.0-108.0	0.2	0.0	230.4	0.01	99.09

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	0.2	0.0	230.5	0.01	99.10
109.0-110.0	0.3	0.0	230.5	0.01	99.12
110.0-111.0	0.3	0.0	230.5	0.01	99.13
111.0-112.0	0.3	0.0	230.6	0.01	99.14
112.0-113.0	0.3	0.0	230.6	0.01	99.15
113.0-114.0	0.3	0.0	230.6	0.01	99.16
114.0-115.0	0.3	0.0	230.6	0.01	99.18
115.0-116.0	0.3	0.0	230.7	0.01	99.19
116.0-117.0	0.3	0.0	230.7	0.01	99.20
117.0-118.0	0.3	0.0	230.7	0.01	99.22
118.0-119.0	0.3	0.0	230.8	0.01	99.23
119.0-120.0	0.3	0.0	230.8	0.01	99.25
120.0-121.0	0.4	0.0	230.8	0.01	99.26
121.0-122.0	0.4	0.0	230.9	0.02	99.28
122.0-123.0	0.4	0.0	230.9	0.02	99.29
123.0-124.0	0.4	0.0	230.9	0.01	99.31
124.0-125.0	0.4	0.0	231.0	0.02	99.32
125.0-126.0	0.4	0.0	231.0	0.02	99.34
126.0-127.0	0.4	0.0	231.1	0.02	99.35
127.0-128.0	0.4	0.0	231.1	0.02	99.37
128.0-129.0	0.4	0.0	231.1	0.02	99.39
129.0-130.0	0.4	0.0	231.2	0.02	99.40
130.0-131.0	0.5	0.0	231.2	0.02	99.42
131.0-132.0	0.5	0.0	231.2	0.02	99.44
132.0-133.0	0.5	0.0	231.3	0.02	99.45
133.0-134.0	0.5	0.0	231.3	0.02	99.47
134.0-135.0	0.5	0.0	231.4	0.02	99.49
135.0-136.0	0.5	0.0	231.4	0.02	99.50
136.0-137.0	0.5	0.0	231.4	0.02	99.52
137.0-138.0	0.5	0.0	231.5	0.02	99.54
138.0-139.0	0.6	0.0	231.5	0.02	99.56
139.0-140.0	0.6	0.0	231.6	0.02	99.57
140.0-141.0	0.6	0.0	231.6	0.02	99.59
141.0-142.0	0.6	0.0	231.6	0.02	99.61
142.0-143.0	0.6	0.0	231.7	0.02	99.62
143.0-144.0	0.6	0.0	231.7	0.02	99.64

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	0.6	0.0	231.8	0.02	99.66
145.0-146.0	0.6	0.0	231.8	0.02	99.67
146.0-147.0	0.6	0.0	231.8	0.02	99.69
147.0-148.0	0.6	0.0	231.9	0.02	99.70
148.0-149.0	0.6	0.0	231.9	0.02	99.72
149.0-150.0	0.7	0.0	231.9	0.02	99.74
150.0-151.0	0.7	0.0	232.0	0.02	99.75
151.0-152.0	0.7	0.0	232.0	0.02	99.77
152.0-153.0	0.7	0.0	232.0	0.01	99.78
153.0-154.0	0.7	0.0	232.1	0.01	99.80
154.0-155.0	0.7	0.0	232.1	0.01	99.81
155.0-156.0	0.7	0.0	232.1	0.01	99.82
156.0-157.0	0.7	0.0	232.2	0.01	99.84
157.0-158.0	0.7	0.0	232.2	0.01	99.85
158.0-159.0	0.7	0.0	232.2	0.01	99.86
159.0-160.0	0.7	0.0	232.3	0.01	99.87
160.0-161.0	0.7	0.0	232.3	0.01	99.89
161.0-162.0	0.8	0.0	232.3	0.01	99.90
162.0-163.0	0.8	0.0	232.3	0.01	99.91
163.0-164.0	0.8	0.0	232.4	0.01	99.92
164.0-165.0	0.8	0.0	232.4	0.01	99.93
165.0-166.0	0.8	0.0	232.4	0.01	99.94
166.0-167.0	0.8	0.0	232.4	0.01	99.94
167.0-168.0	0.8	0.0	232.4	0.01	99.95
168.0-169.0	0.8	0.0	232.5	0.01	99.96
169.0-170.0	0.8	0.0	232.5	0.01	99.97
170.0-171.0	0.8	0.0	232.5	0.01	99.97
171.0-172.0	0.8	0.0	232.5	0.01	99.98
172.0-173.0	0.8	0.0	232.5	0.00	99.98
173.0-174.0	0.8	0.0	232.5	0.00	99.99
174.0-175.0	0.8	0.0	232.5	0.00	99.99
175.0-176.0	0.8	0.0	232.5	0.00	99.99
176.0-177.0	0.8	0.0	232.5	0.00	100.00
177.0-178.0	0.8	0.0	232.6	0.00	100.00
178.0-179.0	0.8	0.0	232.6	0.00	100.00
179.0-180.0	0.8	0.0	232.6	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: