

Report No.:

Test Time: 2020/12/30 16:20

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: CHANNEL

Lamp Catalog: RIBBONLYTE

Number of Lamps: 1 ROW

Luminous Width (mm): 18.8

Voltage: 24.0 V

Power: 5.20 W

Luminaire Description: AS16

Lamp Description: RB90SWS2203.030

Luminous Length (mm): 500

Luminous Height (mm): 18.8

Current: 0.217 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 158.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H160.9,H110.8

Vertical Diffuse Angle(10%,50%): V156.9,V109.8

Luminaire Efficacy Rating (LER): 30

Max. Intensity: 56.98 cd

Total Rated Lamp Lumens: 158.6 lm

Efficiency: 100%

Upward Ratio: 1%

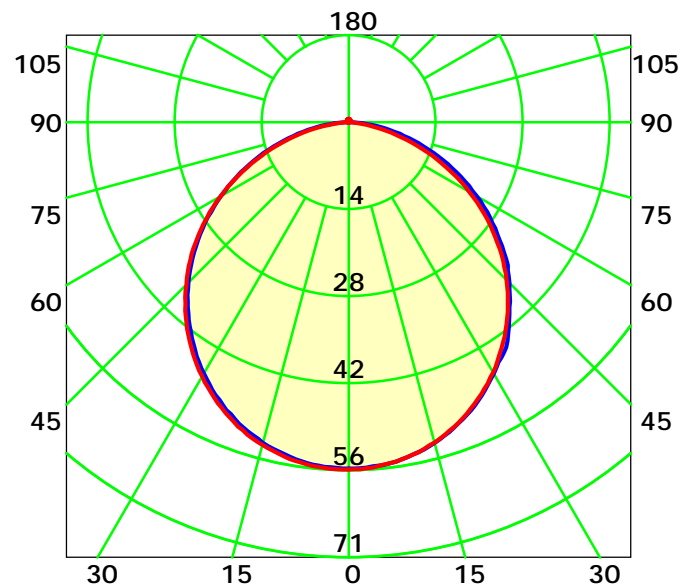
Central Intensity: 56.7 cd

Pos of Max. Intensity: H150 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 110.3° 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

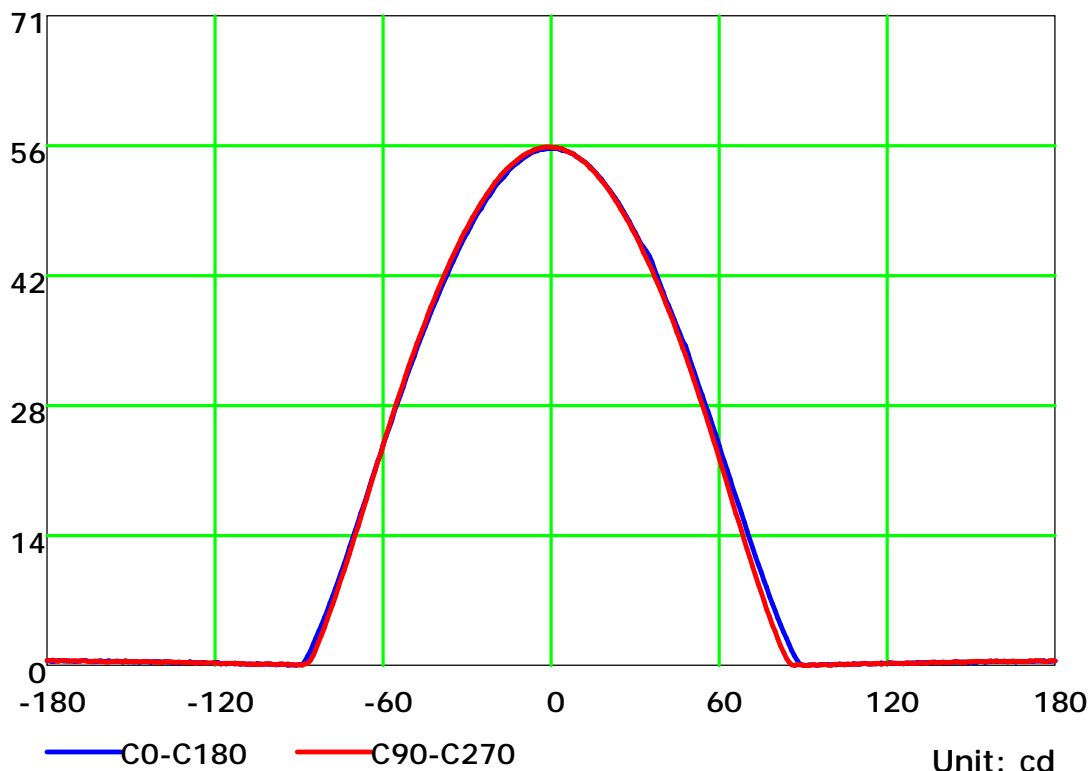
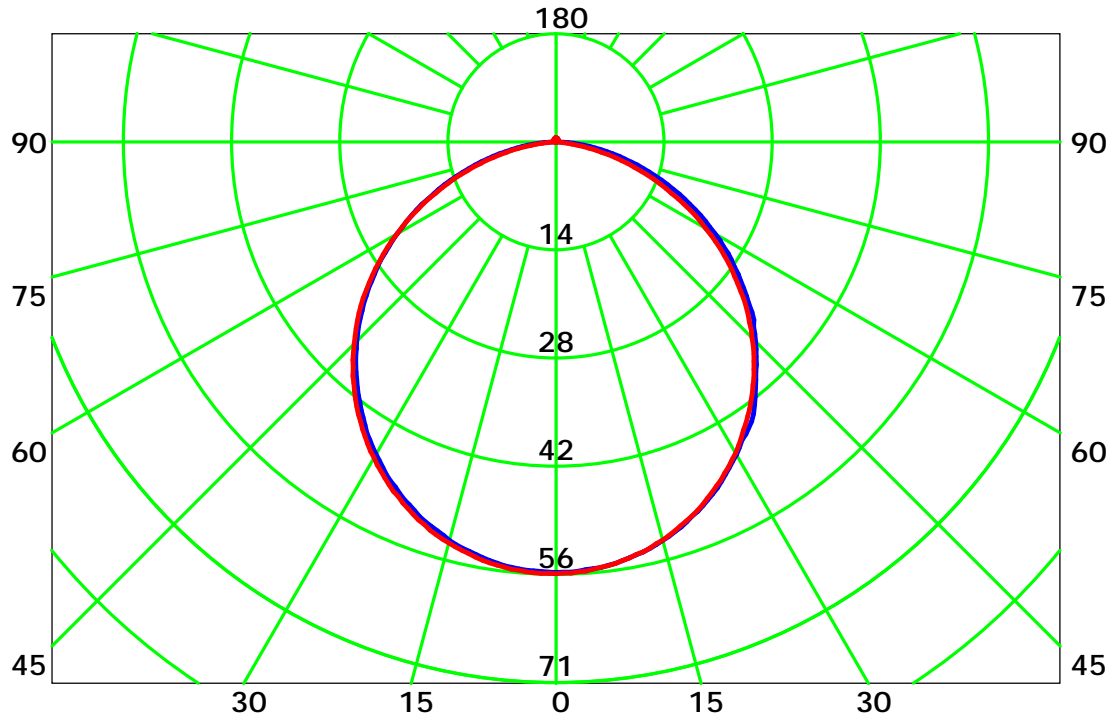
Distance: 9.028 m

Humidity: 60%

Inspector:



Luminous Intensity Distribution Curve

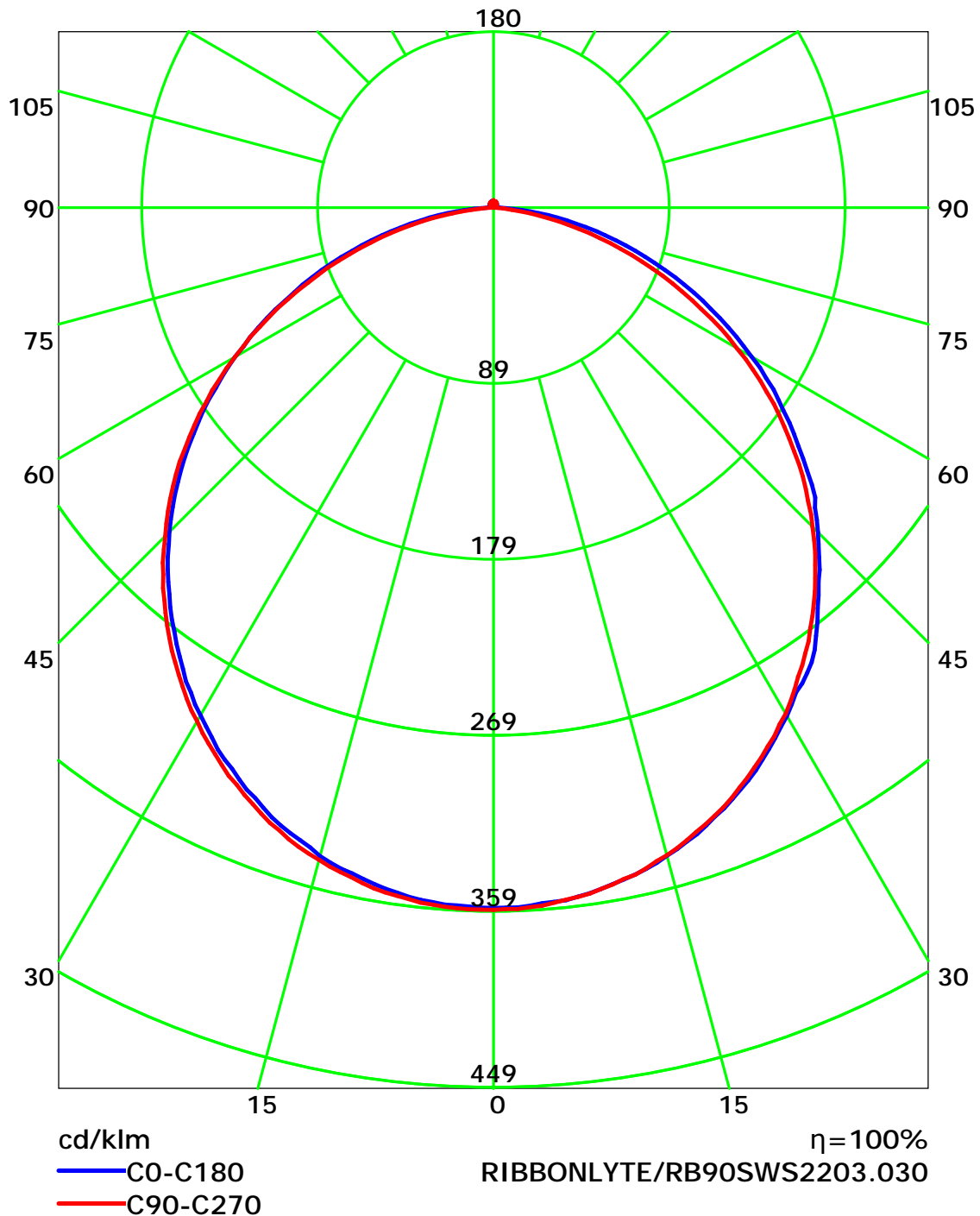


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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:

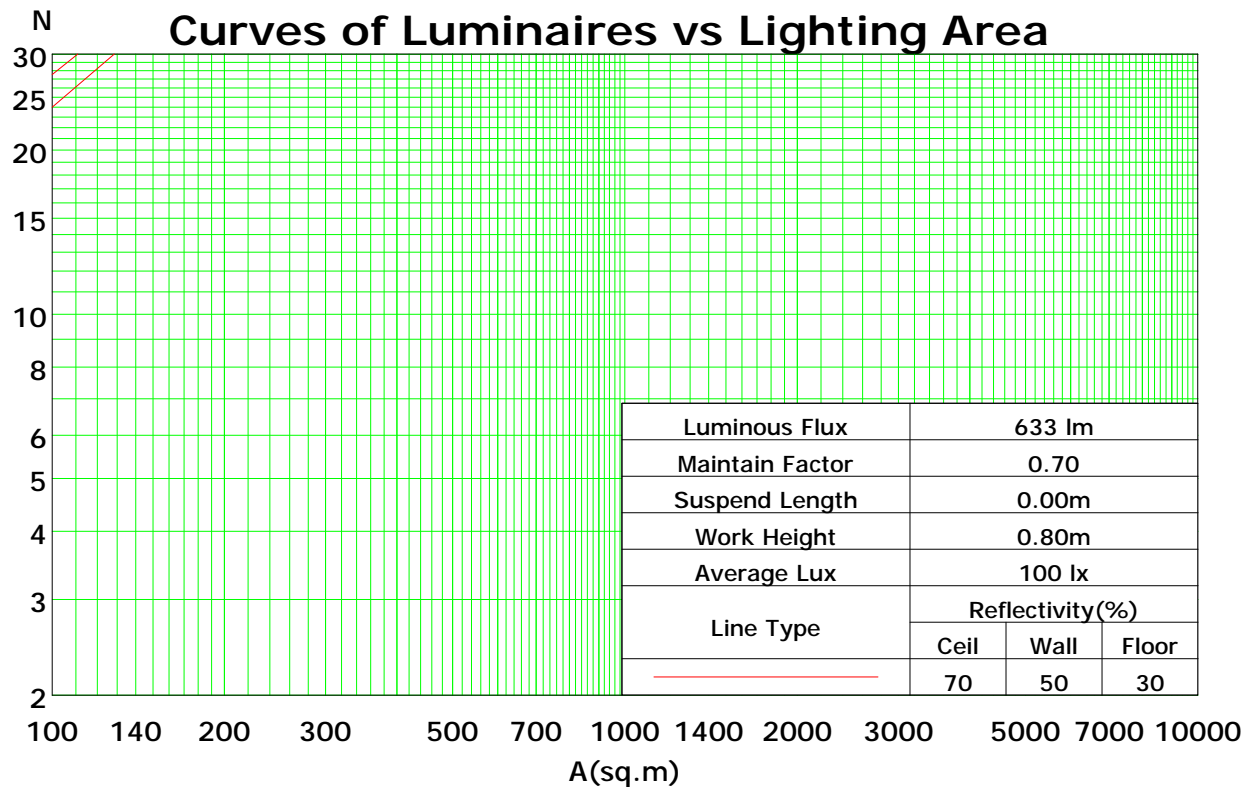
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	95	97	94	91	93	91	88	90	88	86	84
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	72	67	62	70	65	61	59
4	83	71	62	56	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	53	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	30	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	30	26	24

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.25

Spacing Criteria (Diagonal): 1.37



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

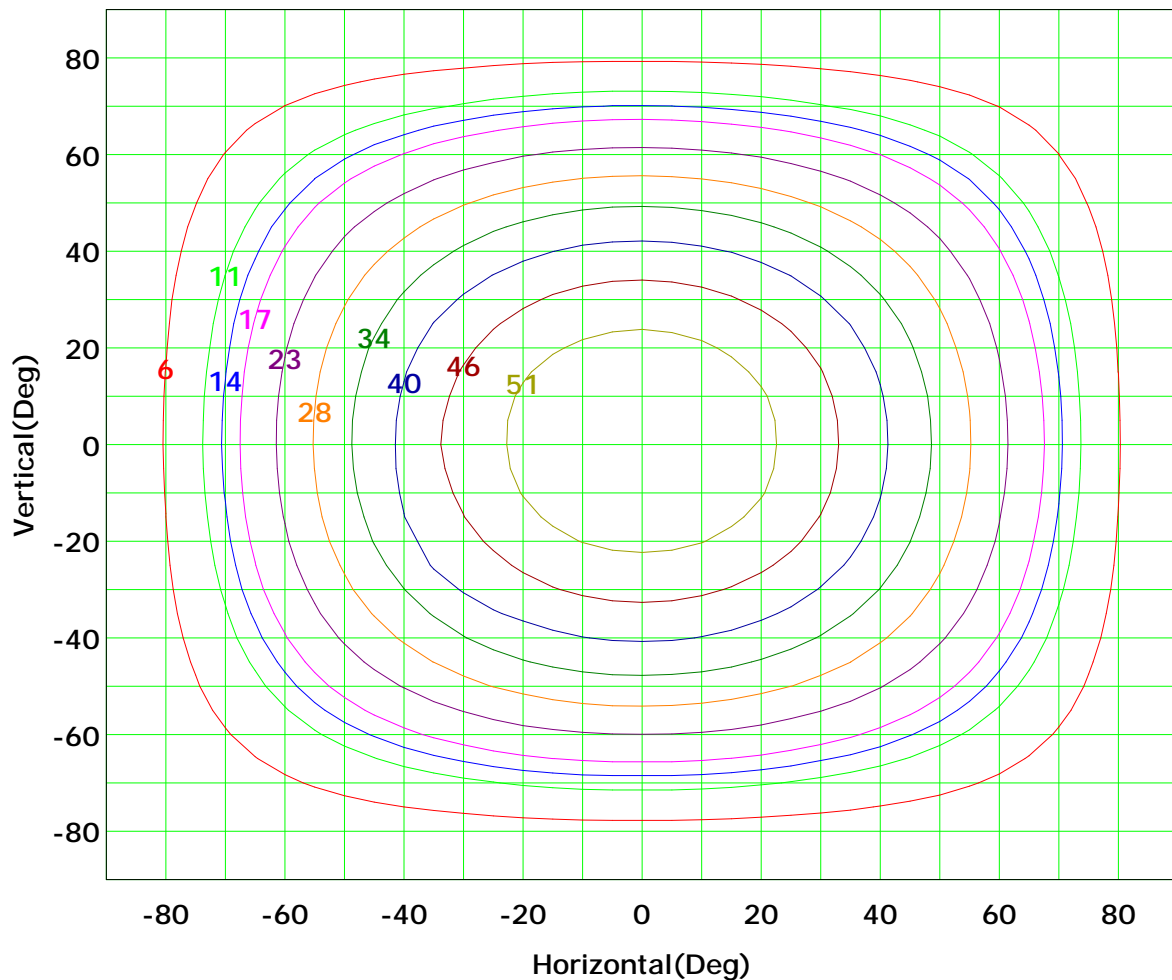
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



I_{max} (100%): 57 cd

(10%):	6 cd	(20%):	11 cd
(25%):	14 cd	(30%):	17 cd
(40%):	23 cd	(50%):	28 cd
(60%):	34 cd	(70%):	40 cd
(80%):	46 cd	(90%):	51 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

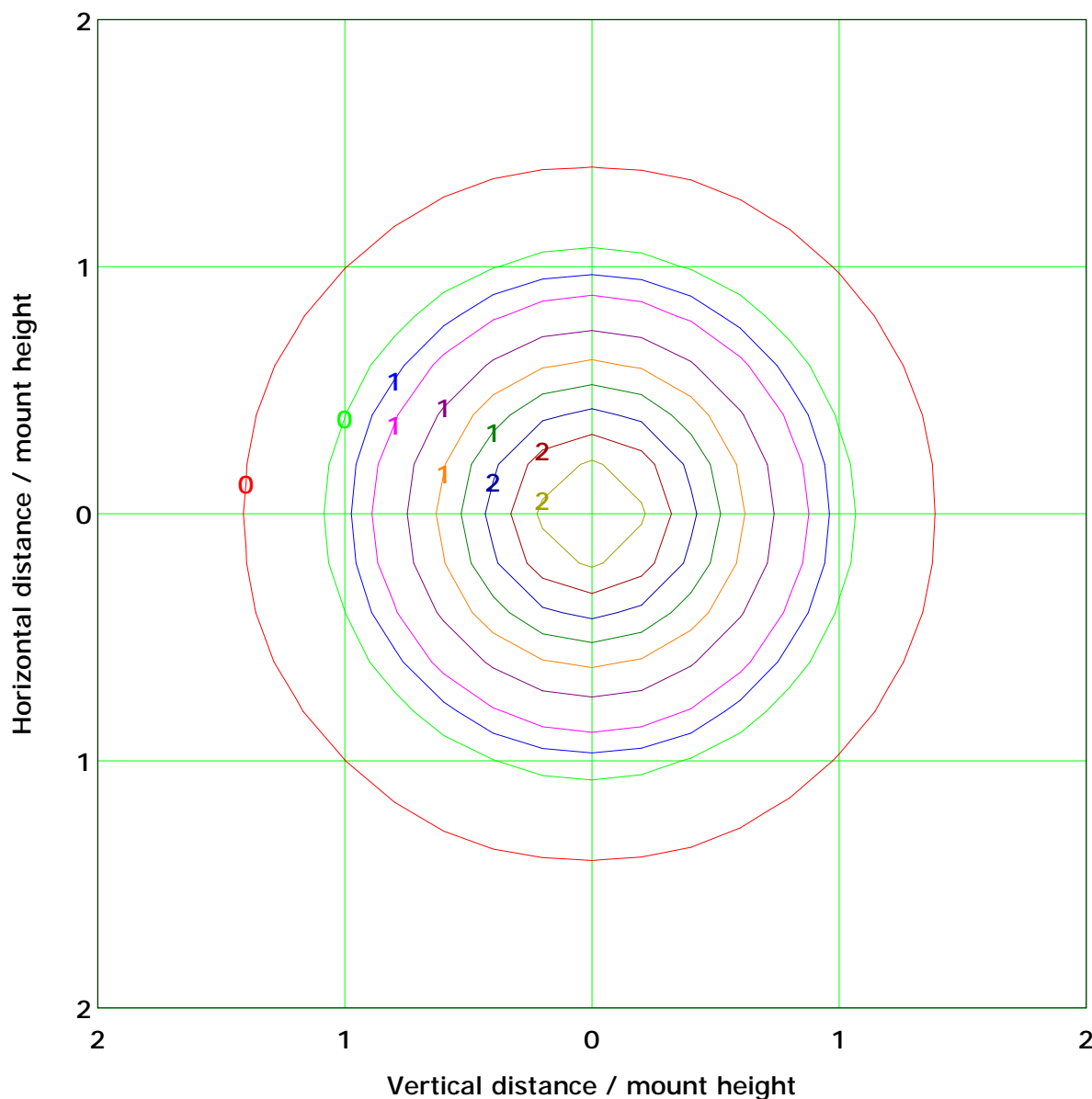
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 2.3 lx

(10%): 0.2 lx	(20%): 0.5 lx
(25%): 0.6 lx	(30%): 0.7 lx
(40%): 0.9 lx	(50%): 1.1 lx
(60%): 1.4 lx	(70%): 1.6 lx
(80%): 1.8 lx	(90%): 2.1 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

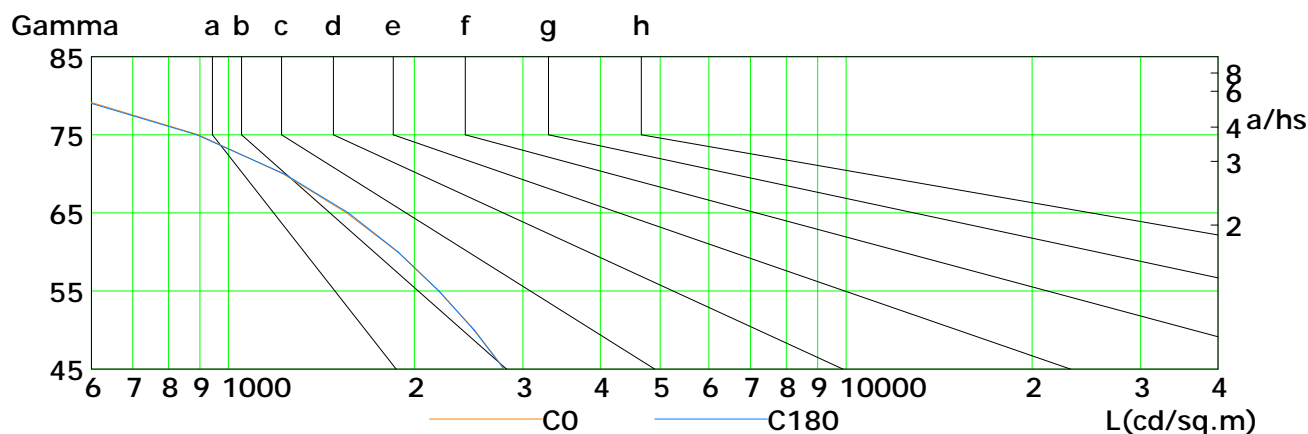
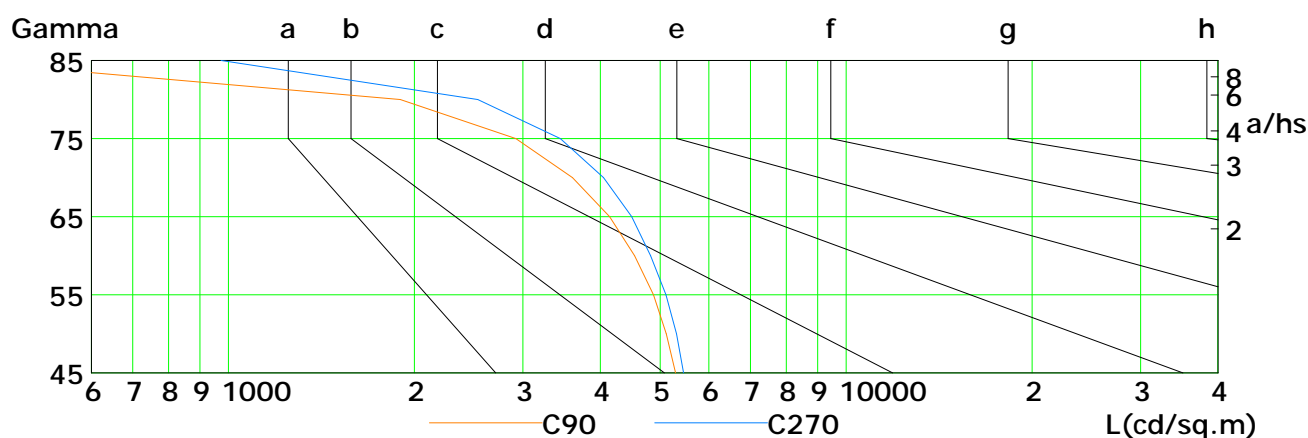
Humidity: 60%

Inspector:

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	2798	2505	2191	1880	1555	1227	894	553	232
C90	5297	5118	4878	4548	4142	3606	2920	1899	359
C180	2795	2497	2194	1883	1564	1231	889	546	232
C270	5455	5319	5113	4828	4496	4051	3446	2535	973

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

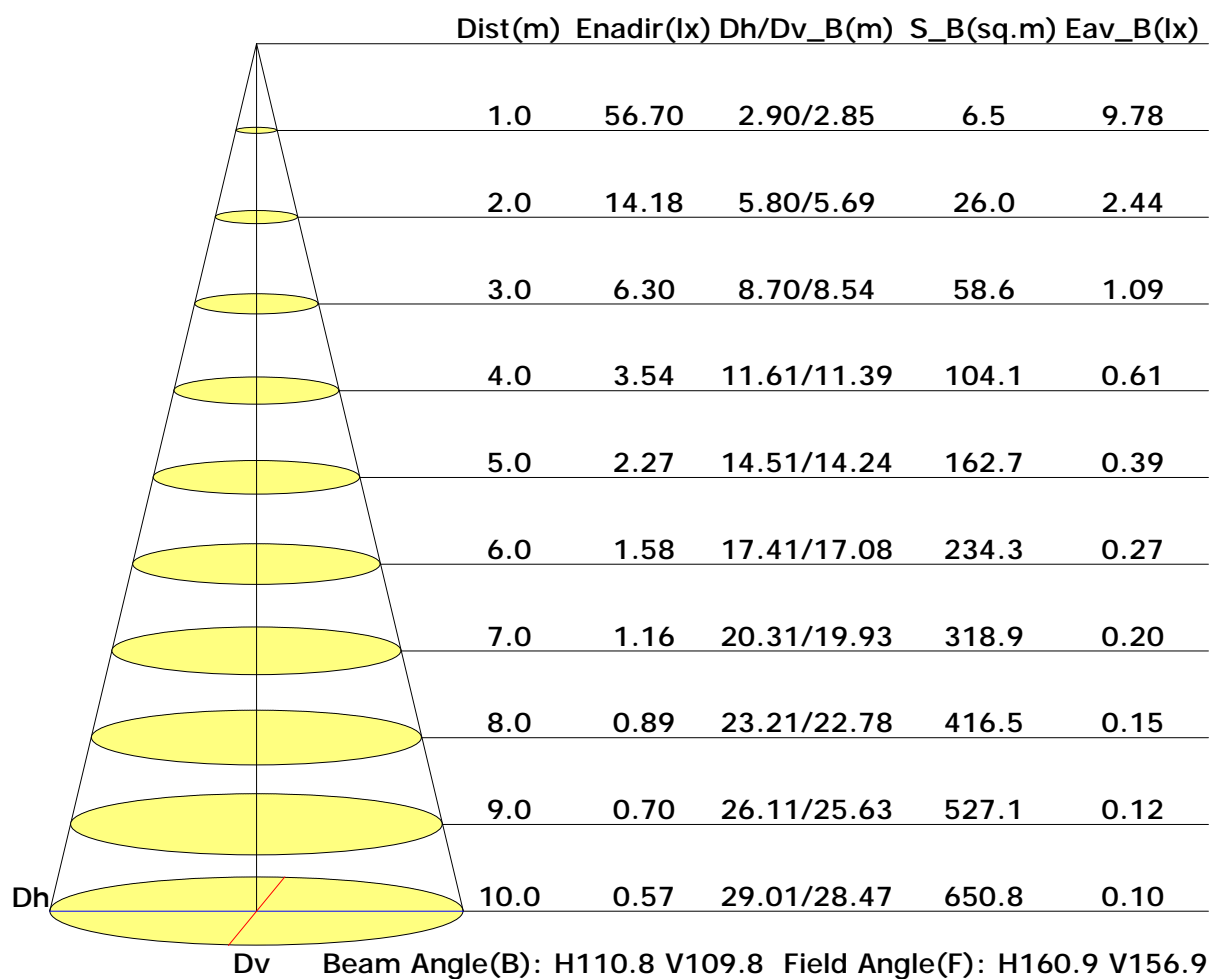
Test Device: GPM-1800B

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

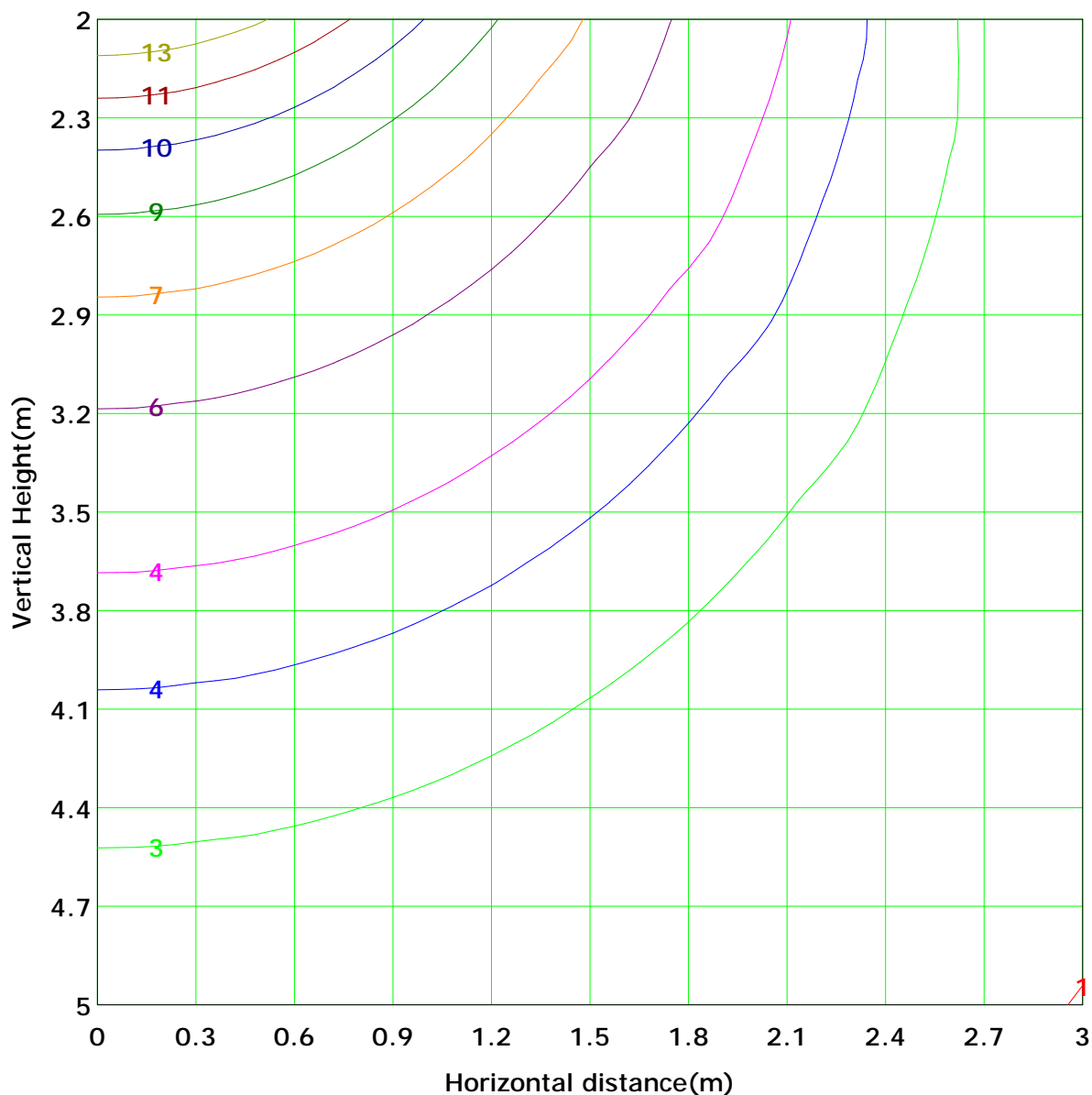
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 14.2 lx
(10%): 1.4 lx	(20%): 2.8 lx	
(25%): 3.5 lx	(30%): 4.3 lx	
(40%): 5.7 lx	(50%): 7.1 lx	
(60%): 8.5 lx	(70%): 9.9 lx	
(80%): 11.3 lx	(90%): 12.8 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	0.9	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	2.6	2.5
	-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	5.2	5.1
	-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	8.4	8.3
	-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	11.6	11.5
	-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	14.6	14.5
	-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	16.8	16.7
	-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	18.1	17.9
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	17.9
	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	16.9	16.7
	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	14.6	14.5
	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	11.7	11.6
	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	8.4	8.3
	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	5.3	5.1
	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	2.6	2.5
	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	0.9	0.7
	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	157	155
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157	155
	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	157	155

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

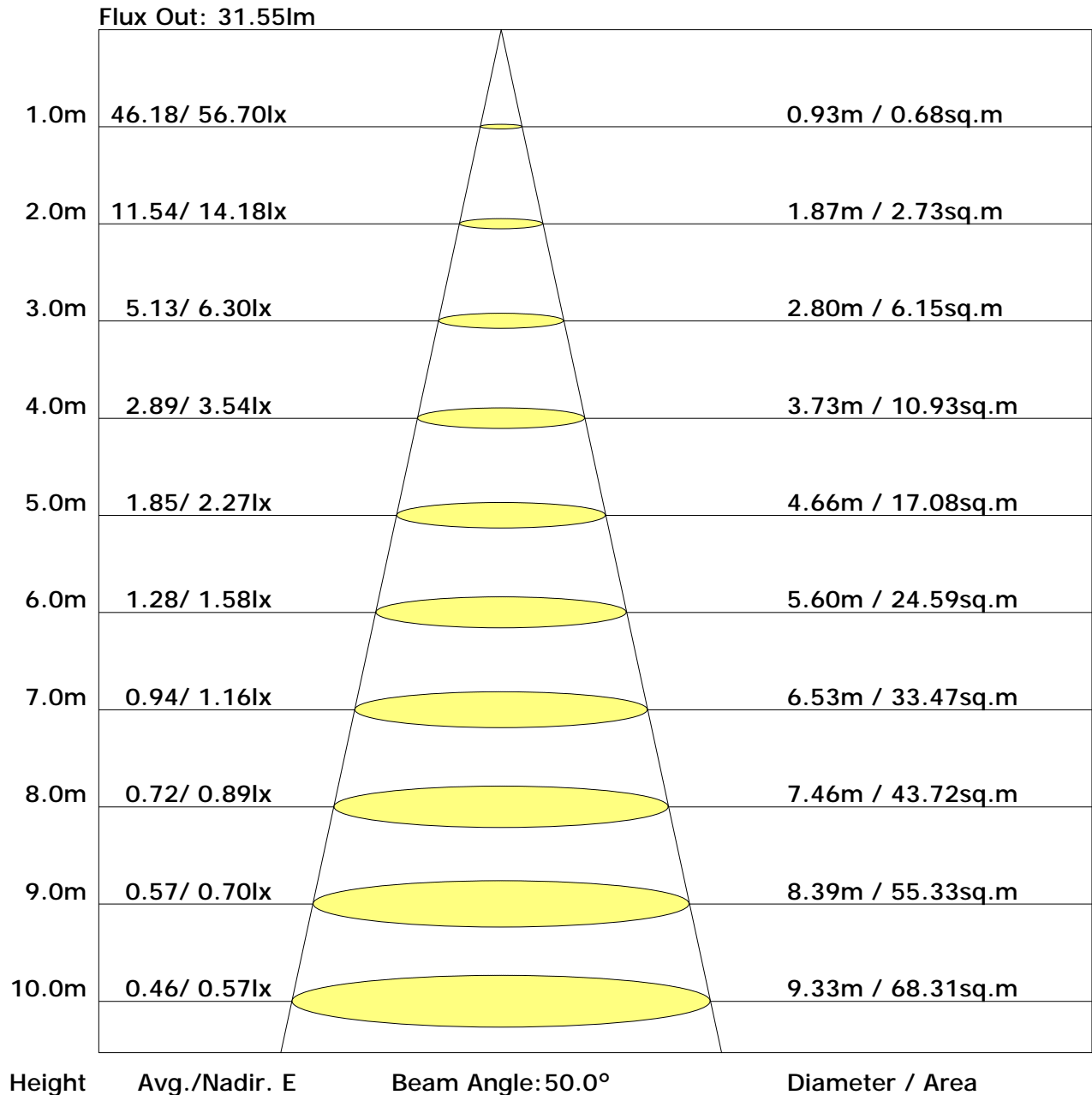
Distance: 9.028 m

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	22.8	24.4	23.2	24.8	25.1	20.9	22.4	21.2	22.8	23.1
3H	24.5	26.0	24.9	26.3	26.7	22.0	23.4	22.4	23.8	24.2
4H	25.2	26.5	25.6	26.9	27.3	22.3	23.6	22.7	24.0	24.4
6H	25.6	26.8	26.0	27.2	27.6	22.4	23.6	22.8	24.0	24.5
8H	25.7	26.9	26.1	27.3	27.7	22.4	23.6	22.8	24.0	24.4
12H	25.8	26.9	26.2	27.3	27.8	22.4	23.5	22.8	23.9	24.4
X=4H Y=2H	23.1	24.5	23.5	24.9	25.3	21.5	22.8	21.9	23.2	23.6
3H	25.0	26.1	25.4	26.5	27.0	22.8	23.9	23.2	24.3	24.7
4H	25.7	26.7	26.1	27.1	27.6	23.1	24.1	23.6	24.6	25.0
6H	26.2	27.1	26.7	27.5	28.0	23.3	24.2	23.8	24.6	25.1
8H	26.3	27.2	26.8	27.6	28.1	23.3	24.1	23.8	24.6	25.1
12H	26.4	27.2	26.9	27.7	28.1	23.3	24.0	23.8	24.5	25.0
X=8H Y=4H	25.8	26.6	26.2	27.0	27.5	23.3	24.2	23.8	24.6	25.1
6H	26.3	27.0	26.8	27.5	28.0	23.5	24.2	24.0	24.7	25.2
8H	26.5	27.1	27.0	27.6	28.1	23.5	24.1	24.1	24.7	25.2
12H	26.6	27.1	27.1	27.6	28.2	23.5	24.1	24.0	24.6	25.2
X=12H Y=4H	25.7	26.5	26.2	27.0	27.5	23.4	24.1	23.9	24.6	25.1
6H	26.3	26.9	26.8	27.4	27.9	23.6	24.2	24.1	24.6	25.2
8H	26.5	27.0	27.0	27.5	28.1	23.6	24.1	24.1	24.6	25.2

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	0.57	0.67	0.75	0.80	0.88	0.93	0.96	1.01	1.03
	0.30		0.49	0.60	0.68	0.73	0.81	0.87	0.91	0.97	1.00
	0.20		0.44	0.54	0.62	0.68	0.76	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.48	0.59	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.43	0.53	0.61	0.67	0.75	0.80	0.85	0.90	0.94
0.30	0.50	0.20	0.54	0.63	0.70	0.75	0.81	0.86	0.89	0.93	0.95
	0.30		0.47	0.57	0.64	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.43	0.53	0.60	0.66	0.73	0.78	0.82	0.87	0.91
0.00	0.00	0.00	0.41	0.50	0.57	0.62	0.70	0.75	0.78	0.83	0.86
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	0.99	0.81	0.69	0.60	0.47	0.39	0.33	0.26	0.21
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.95	0.78	0.66	0.57	0.45	0.41	0.32	0.24	0.20
	0.30		0.80	0.67	0.58	0.51	0.41	0.35	0.30	0.23	0.19
	0.20		0.70	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.92	0.75	0.63	0.55	0.43	0.36	0.30	0.23	0.19
	0.30		0.79	0.66	0.56	0.50	0.40	0.33	0.28	0.22	0.18
	0.20		0.69	0.59	0.51	0.45	0.37	0.31	0.27	0.21	0.17
0.00	0.00	0.00	0.58	0.49	0.42	0.37	0.29	0.24	0.21	0.16	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	0.19	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	0.17	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	0.20
	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: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	56.8	0.1	0.1	0.03	0.03
1.0-2.0	56.8	0.2	0.2	0.10	0.14
2.0-3.0	56.8	0.3	0.5	0.17	0.31
3.0-4.0	56.7	0.4	0.9	0.24	0.55
4.0-5.0	56.6	0.5	1.4	0.31	0.86
5.0-6.0	56.5	0.6	2.0	0.37	1.23
6.0-7.0	56.4	0.7	2.7	0.44	1.67
7.0-8.0	56.2	0.8	3.5	0.51	2.18
8.0-9.0	56.1	0.9	4.4	0.57	2.75
9.0-10.0	55.9	1.0	5.4	0.64	3.39
10.0-11.0	55.7	1.1	6.5	0.70	4.09
11.0-12.0	55.4	1.2	7.7	0.76	4.86
12.0-13.0	55.2	1.3	9.0	0.83	5.68
13.0-14.0	54.9	1.4	10.4	0.89	6.57
14.0-15.0	54.6	1.5	11.9	0.95	7.51
15.0-16.0	54.3	1.6	13.5	1.00	8.52
16.0-17.0	54.0	1.7	15.2	1.06	9.58
17.0-18.0	53.6	1.8	17.0	1.12	10.69
18.0-19.0	53.3	1.9	18.8	1.17	11.86
19.0-20.0	52.9	1.9	20.7	1.22	13.08
20.0-21.0	52.4	2.0	22.8	1.27	14.35
21.0-22.0	52.0	2.1	24.8	1.32	15.67
22.0-23.0	51.6	2.2	27.0	1.36	17.03
23.0-24.0	51.1	2.2	29.2	1.41	18.44
24.0-25.0	50.6	2.3	31.5	1.45	19.89
25.0-26.0	50.1	2.4	33.9	1.49	21.38
26.0-27.0	49.6	2.4	36.3	1.53	22.92
27.0-28.0	49.0	2.5	38.8	1.57	24.48
28.0-29.0	48.5	2.5	41.4	1.60	26.08
29.0-30.0	47.9	2.6	43.9	1.63	27.71
30.0-31.0	47.4	2.6	46.6	1.66	29.38
31.0-32.0	46.7	2.7	49.3	1.69	31.06
32.0-33.0	46.1	2.7	52.0	1.71	32.78
33.0-34.0	45.5	2.8	54.7	1.74	34.52
34.0-35.0	44.9	2.8	57.5	1.76	36.27
35.0-36.0	44.2	2.8	60.3	1.78	38.05

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	43.5	2.8	63.2	1.79	39.84
37.0-38.0	42.9	2.9	66.0	1.80	41.65
38.0-39.0	42.2	2.9	68.9	1.82	43.46
39.0-40.0	41.5	2.9	71.8	1.82	45.28
40.0-41.0	40.7	2.9	74.7	1.83	47.11
41.0-42.0	40.0	2.9	77.6	1.83	48.95
42.0-43.0	39.2	2.9	80.5	1.83	50.78
43.0-44.0	38.4	2.9	83.4	1.83	52.61
44.0-45.0	37.6	2.9	86.3	1.82	54.43
45.0-46.0	36.8	2.9	89.2	1.82	56.25
46.0-47.0	36.0	2.9	92.1	1.81	58.05
47.0-48.0	35.2	2.8	94.9	1.79	59.84
48.0-49.0	34.3	2.8	97.7	1.78	61.62
49.0-50.0	33.5	2.8	100.5	1.76	63.38
50.0-51.0	32.6	2.8	103.3	1.74	65.13
51.0-52.0	31.7	2.7	106.0	1.72	66.84
52.0-53.0	30.8	2.7	108.7	1.69	68.54
53.0-54.0	29.9	2.6	111.3	1.66	70.20
54.0-55.0	29.1	2.6	113.9	1.64	71.84
55.0-56.0	28.1	2.5	116.5	1.60	73.44
56.0-57.0	27.2	2.5	118.9	1.57	75.01
57.0-58.0	26.3	2.4	121.4	1.53	76.54
58.0-59.0	25.4	2.4	123.8	1.49	78.04
59.0-60.0	24.4	2.3	126.1	1.45	79.49
60.0-61.0	23.4	2.2	128.3	1.41	80.90
61.0-62.0	22.5	2.2	130.5	1.37	82.27
62.0-63.0	21.5	2.1	132.5	1.32	83.59
63.0-64.0	20.5	2.0	134.6	1.27	84.86
64.0-65.0	19.5	1.9	136.5	1.22	86.08
65.0-66.0	18.6	1.9	138.3	1.17	87.24
66.0-67.0	17.6	1.8	140.1	1.11	88.36
67.0-68.0	16.6	1.7	141.8	1.06	89.42
68.0-69.0	15.6	1.6	143.4	1.01	90.43
69.0-70.0	14.7	1.5	144.9	0.95	91.38
70.0-71.0	13.7	1.4	146.3	0.89	92.27
71.0-72.0	12.7	1.3	147.6	0.83	93.10

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	11.8	1.2	148.9	0.78	93.88
73.0-74.0	10.8	1.1	150.0	0.72	94.60
74.0-75.0	9.9	1.0	151.1	0.66	95.26
75.0-76.0	9.0	1.0	152.0	0.60	95.86
76.0-77.0	8.1	0.9	152.9	0.54	96.40
77.0-78.0	7.2	0.8	153.6	0.49	96.89
78.0-79.0	6.3	0.7	154.3	0.43	97.32
79.0-80.0	5.5	0.6	154.9	0.37	97.69
80.0-81.0	4.7	0.5	155.4	0.32	98.01
81.0-82.0	3.9	0.4	155.8	0.27	98.28
82.0-83.0	3.1	0.3	156.2	0.21	98.49
83.0-84.0	2.4	0.3	156.4	0.16	98.66
84.0-85.0	1.7	0.2	156.6	0.12	98.77
85.0-86.0	1.1	0.1	156.7	0.07	98.85
86.0-87.0	0.6	0.1	156.8	0.04	98.89
87.0-88.0	0.3	0.0	156.8	0.02	98.91
88.0-89.0	0.1	0.0	156.9	0.01	98.92
89.0-90.0	0.1	0.0	156.9	0.01	98.92
90.0-91.0	0.1	0.0	156.9	0.01	98.93
91.0-92.0	0.1	0.0	156.9	0.01	98.93
92.0-93.0	0.1	0.0	156.9	0.01	98.94
93.0-94.0	0.1	0.0	156.9	0.01	98.95
94.0-95.0	0.1	0.0	156.9	0.01	98.95
95.0-96.0	0.1	0.0	156.9	0.01	98.96
96.0-97.0	0.1	0.0	156.9	0.01	98.97
97.0-98.0	0.1	0.0	157.0	0.01	98.98
98.0-99.0	0.1	0.0	157.0	0.01	98.99
99.0-100.0	0.1	0.0	157.0	0.01	99.00
100.0-101.0	0.1	0.0	157.0	0.01	99.01
101.0-102.0	0.1	0.0	157.0	0.01	99.02
102.0-103.0	0.2	0.0	157.0	0.01	99.03
103.0-104.0	0.2	0.0	157.1	0.01	99.04
104.0-105.0	0.2	0.0	157.1	0.01	99.05
105.0-106.0	0.2	0.0	157.1	0.01	99.06
106.0-107.0	0.2	0.0	157.1	0.01	99.07
107.0-108.0	0.2	0.0	157.1	0.01	99.08

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	157.1	0.01	99.09
109.0-110.0	0.2	0.0	157.2	0.01	99.11
110.0-111.0	0.2	0.0	157.2	0.01	99.12
111.0-112.0	0.2	0.0	157.2	0.01	99.13
112.0-113.0	0.2	0.0	157.2	0.01	99.15
113.0-114.0	0.2	0.0	157.2	0.01	99.16
114.0-115.0	0.2	0.0	157.3	0.01	99.18
115.0-116.0	0.2	0.0	157.3	0.01	99.19
116.0-117.0	0.2	0.0	157.3	0.02	99.21
117.0-118.0	0.2	0.0	157.3	0.01	99.22
118.0-119.0	0.2	0.0	157.4	0.01	99.24
119.0-120.0	0.3	0.0	157.4	0.02	99.25
120.0-121.0	0.3	0.0	157.4	0.02	99.27
121.0-122.0	0.3	0.0	157.4	0.02	99.28
122.0-123.0	0.3	0.0	157.5	0.02	99.30
123.0-124.0	0.3	0.0	157.5	0.02	99.32
124.0-125.0	0.3	0.0	157.5	0.02	99.33
125.0-126.0	0.3	0.0	157.5	0.02	99.35
126.0-127.0	0.3	0.0	157.6	0.02	99.37
127.0-128.0	0.3	0.0	157.6	0.02	99.38
128.0-129.0	0.3	0.0	157.6	0.02	99.40
129.0-130.0	0.3	0.0	157.7	0.02	99.42
130.0-131.0	0.3	0.0	157.7	0.02	99.43
131.0-132.0	0.3	0.0	157.7	0.02	99.45
132.0-133.0	0.3	0.0	157.7	0.02	99.47
133.0-134.0	0.3	0.0	157.8	0.02	99.48
134.0-135.0	0.4	0.0	157.8	0.02	99.50
135.0-136.0	0.4	0.0	157.8	0.02	99.52
136.0-137.0	0.4	0.0	157.8	0.02	99.54
137.0-138.0	0.4	0.0	157.9	0.02	99.55
138.0-139.0	0.4	0.0	157.9	0.02	99.57
139.0-140.0	0.4	0.0	157.9	0.02	99.59
140.0-141.0	0.4	0.0	158.0	0.02	99.61
141.0-142.0	0.4	0.0	158.0	0.02	99.62
142.0-143.0	0.4	0.0	158.0	0.02	99.64
143.0-144.0	0.4	0.0	158.0	0.02	99.66

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	158.1	0.02	99.67
145.0-146.0	0.4	0.0	158.1	0.02	99.69
146.0-147.0	0.4	0.0	158.1	0.02	99.71
147.0-148.0	0.4	0.0	158.1	0.02	99.72
148.0-149.0	0.4	0.0	158.2	0.02	99.74
149.0-150.0	0.4	0.0	158.2	0.01	99.75
150.0-151.0	0.4	0.0	158.2	0.01	99.77
151.0-152.0	0.4	0.0	158.2	0.01	99.78
152.0-153.0	0.4	0.0	158.3	0.01	99.79
153.0-154.0	0.4	0.0	158.3	0.01	99.81
154.0-155.0	0.4	0.0	158.3	0.01	99.82
155.0-156.0	0.4	0.0	158.3	0.01	99.83
156.0-157.0	0.5	0.0	158.3	0.01	99.85
157.0-158.0	0.5	0.0	158.4	0.01	99.86
158.0-159.0	0.5	0.0	158.4	0.01	99.87
159.0-160.0	0.5	0.0	158.4	0.01	99.88
160.0-161.0	0.5	0.0	158.4	0.01	99.89
161.0-162.0	0.5	0.0	158.4	0.01	99.90
162.0-163.0	0.5	0.0	158.4	0.01	99.91
163.0-164.0	0.5	0.0	158.5	0.01	99.92
164.0-165.0	0.5	0.0	158.5	0.01	99.93
165.0-166.0	0.5	0.0	158.5	0.01	99.94
166.0-167.0	0.5	0.0	158.5	0.01	99.95
167.0-168.0	0.5	0.0	158.5	0.01	99.96
168.0-169.0	0.5	0.0	158.5	0.01	99.96
169.0-170.0	0.5	0.0	158.5	0.01	99.97
170.0-171.0	0.5	0.0	158.5	0.01	99.97
171.0-172.0	0.5	0.0	158.5	0.01	99.98
172.0-173.0	0.5	0.0	158.6	0.00	99.98
173.0-174.0	0.5	0.0	158.6	0.00	99.99
174.0-175.0	0.5	0.0	158.6	0.00	99.99
175.0-176.0	0.5	0.0	158.6	0.00	100.00
176.0-177.0	0.5	0.0	158.6	0.00	100.00
177.0-178.0	0.5	0.0	158.6	0.00	100.00
178.0-179.0	0.5	0.0	158.6	0.00	100.00
179.0-180.0	0.5	0.0	158.6	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: