ACOLYTE
https://www.genledbrands.com/
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Fax:(+1) 210 360 1454

Report No.: **Test Time: 2021/1/18 10:39**

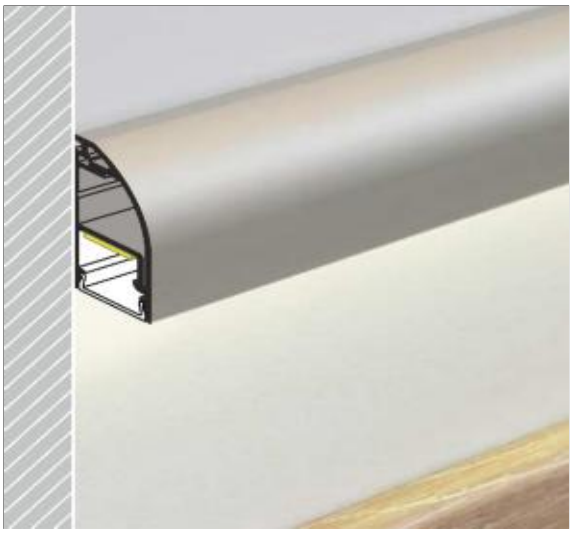
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: CHANNEL
Luminaire Description: AW10
Lamp Description: RB90SWS2203.030
Number of Lamps: 1 ROW
Luminous Length (mm): 500
Luminous Width (mm): 15.4
Luminous Height (mm): 32
Voltage: 24.0 V
Current: 0.216 A
Power: 5.17 W
Power Factor: 1.000

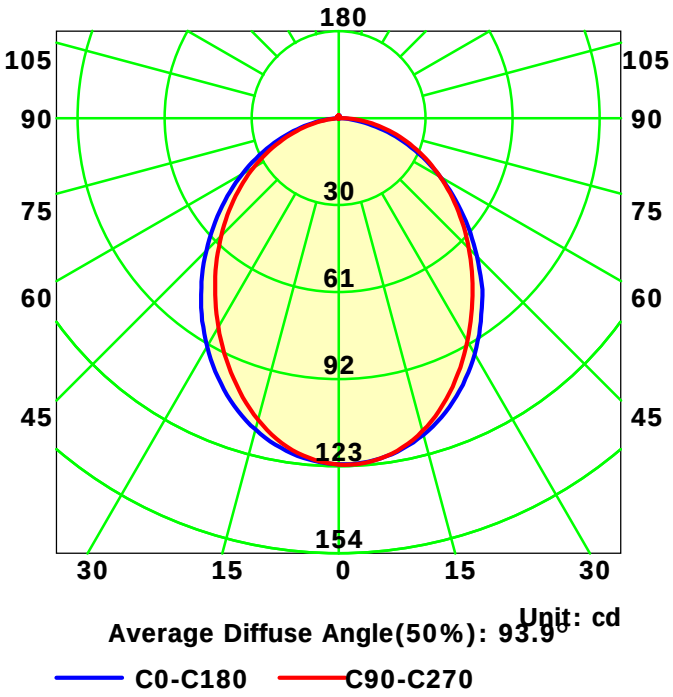
Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 291.6 lm
Measurement Flux: 291.6 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H155,H96.9
Vertical Diffuse Angle(10%,50%): V156.2,V90.9
Luminaire Efficacy Rating (LER): 56
Central Intensity: 123.25 cd
Max. Intensity: 123.45 cd
Pos of Max. Intensity: H150 V1

Picture Of Luminaire

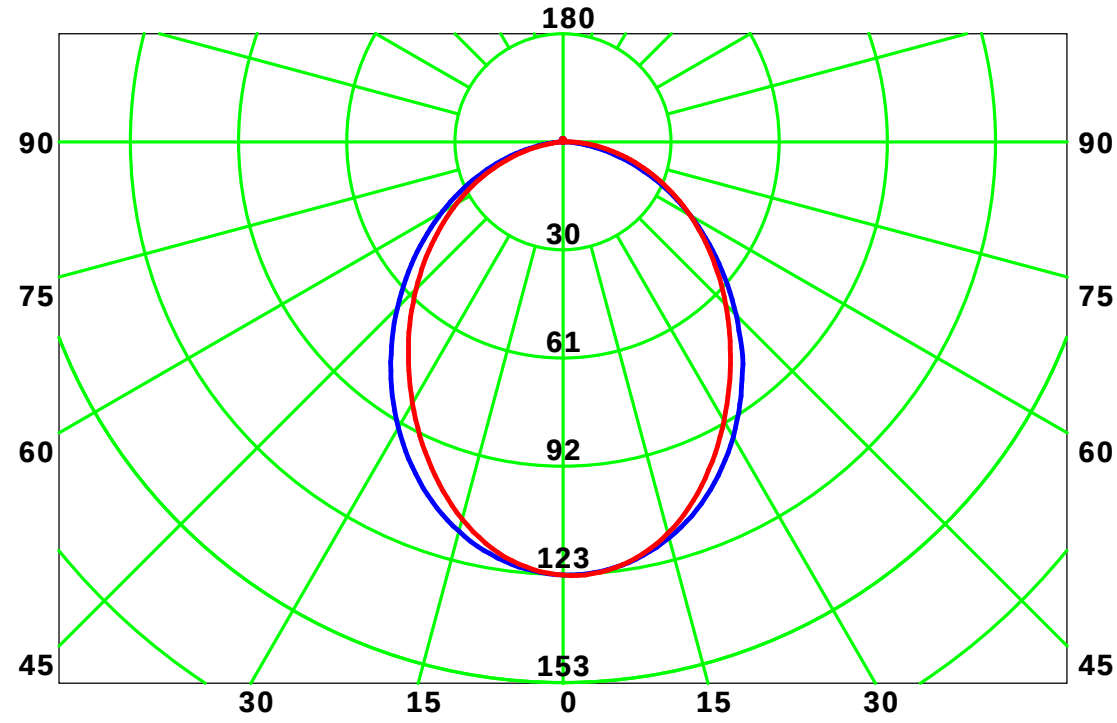


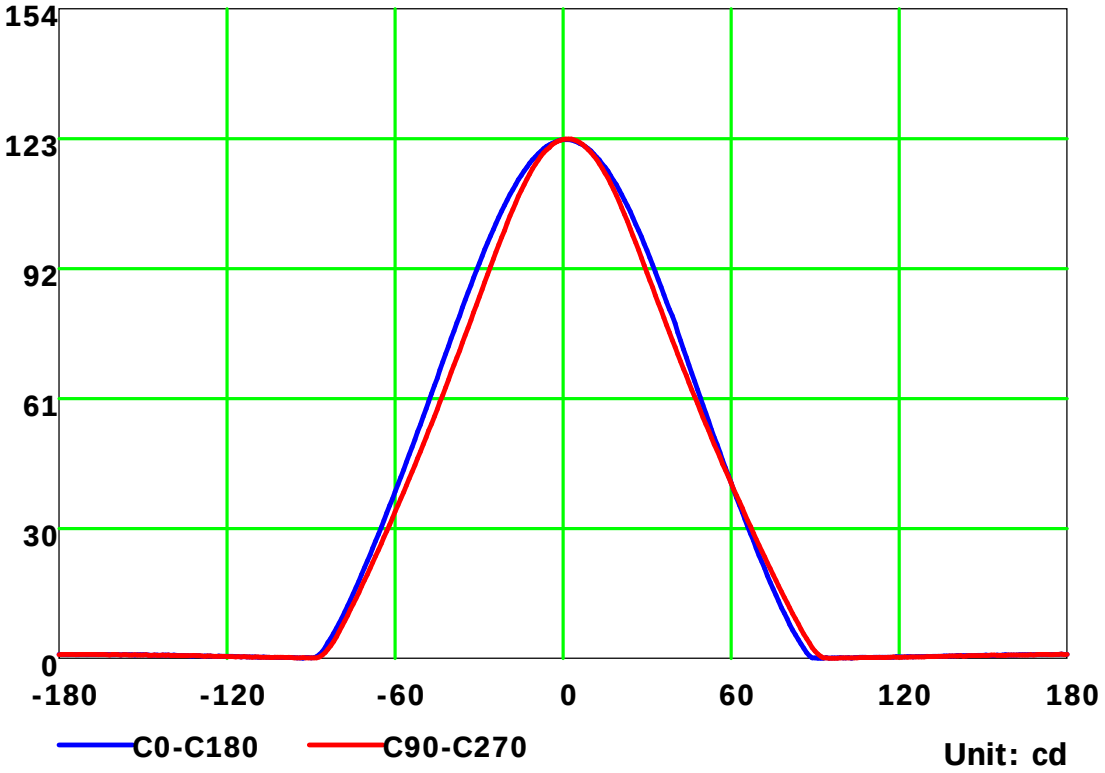
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 9.028 m
Temperature: 25
Humidity: 60%
Operator: Nick
Inspector:

Luminous Intensity Distribution Curve





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Temperature: 25
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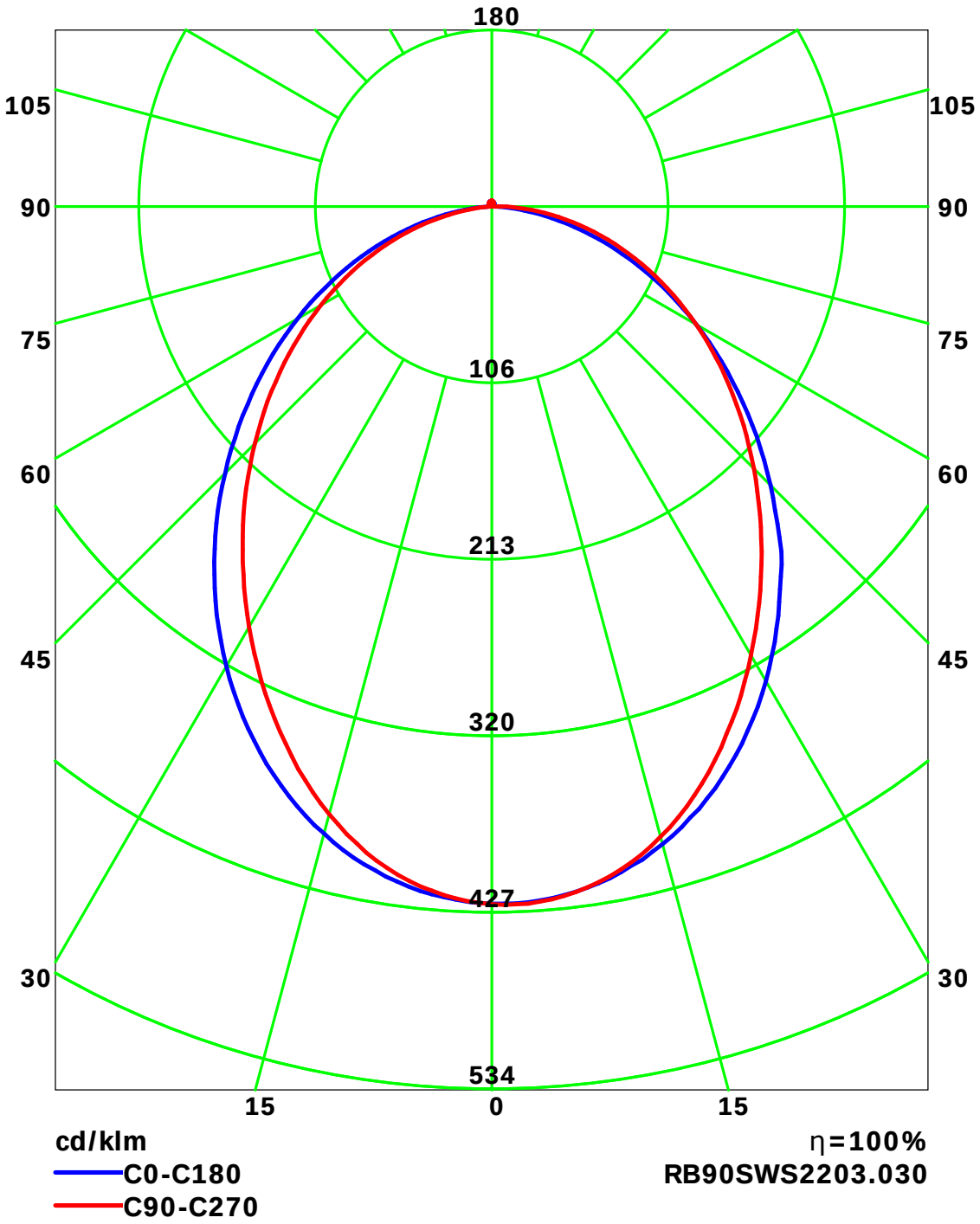
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

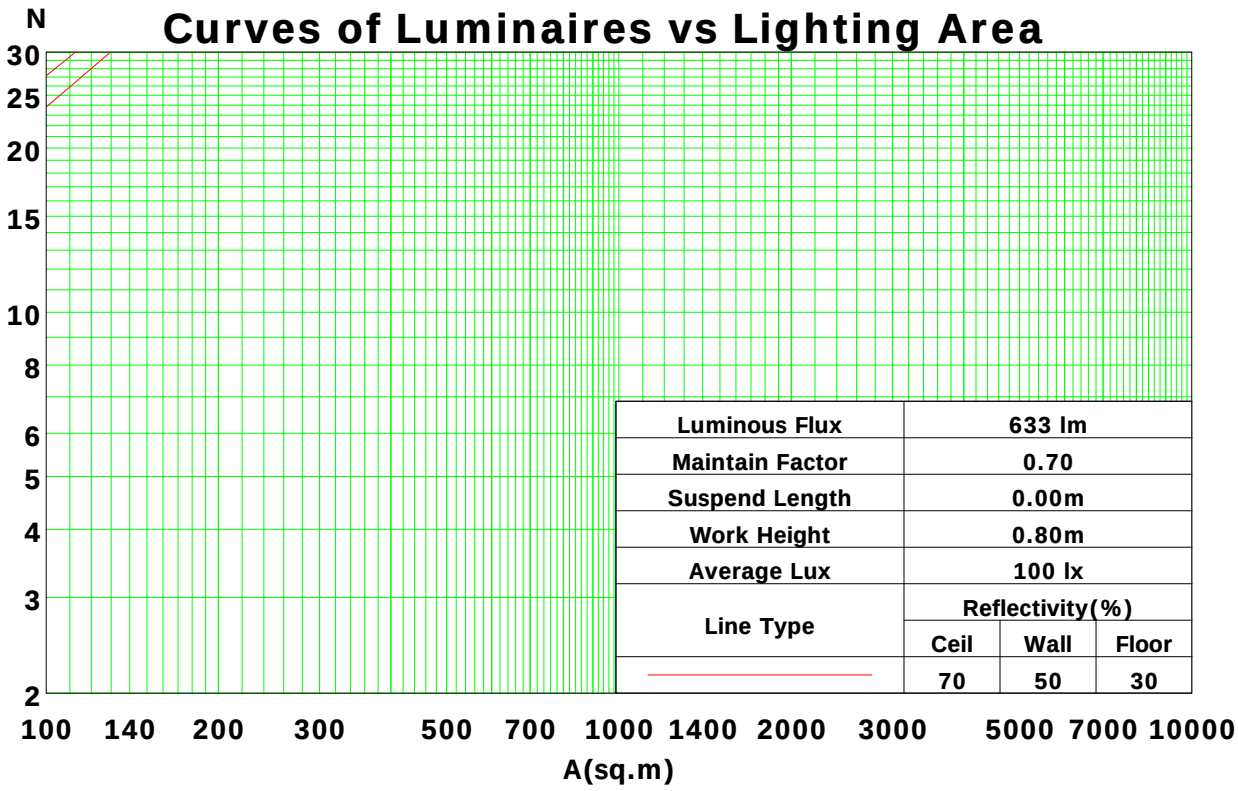
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	52
5	77	65	56	50	75	64	55	49	61	54	49	59	53	48	57	52	47	45
6	72	59	50	44	70	58	49	43	56	48	43	54	47	43	52	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

Spacing Criteria (0-180): 1.16
Spacing Criteria (90-270): 1.09
Spacing Criteria (Diagonal): 1.24

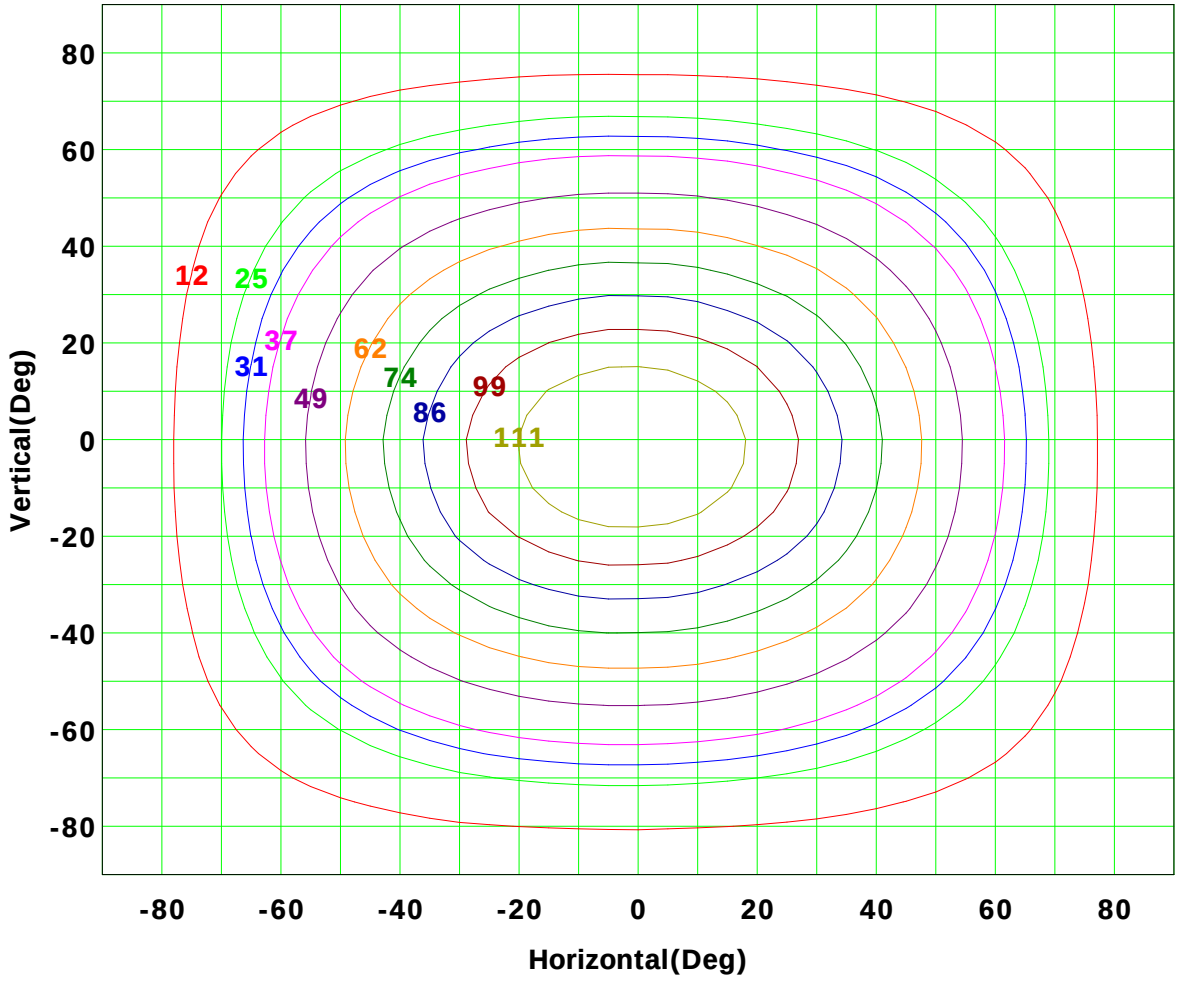
Curves of Luminaires vs Lighting Area



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)



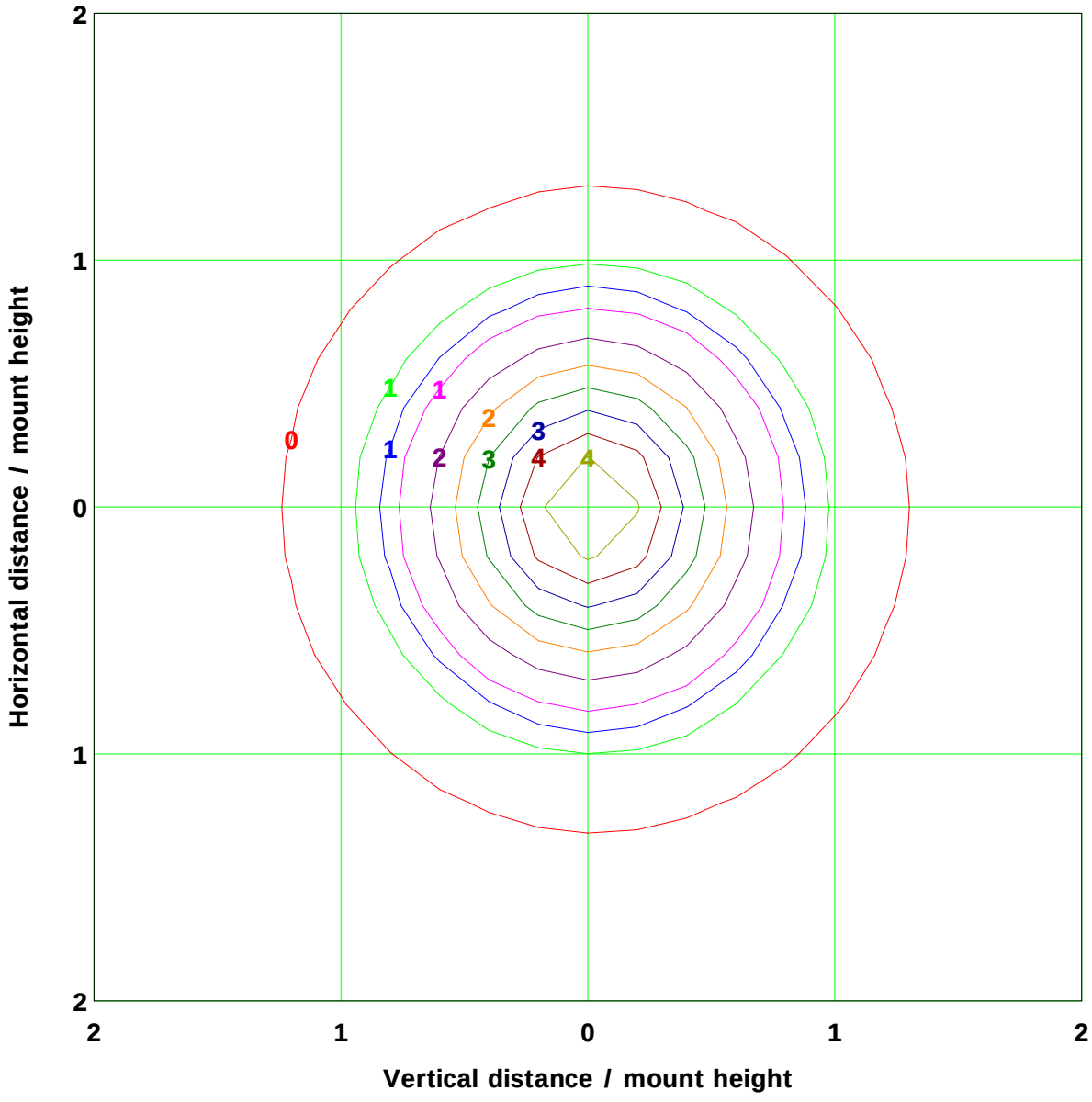
Imax (100%): 123 cd

(10%):	12 cd	(20%):	25 cd
(25%):	31 cd	(30%):	37 cd
(40%):	49 cd	(50%):	62 cd
(60%):	74 cd	(70%):	86 cd
(80%):	99 cd	(90%):	111 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%): 4.9 lx

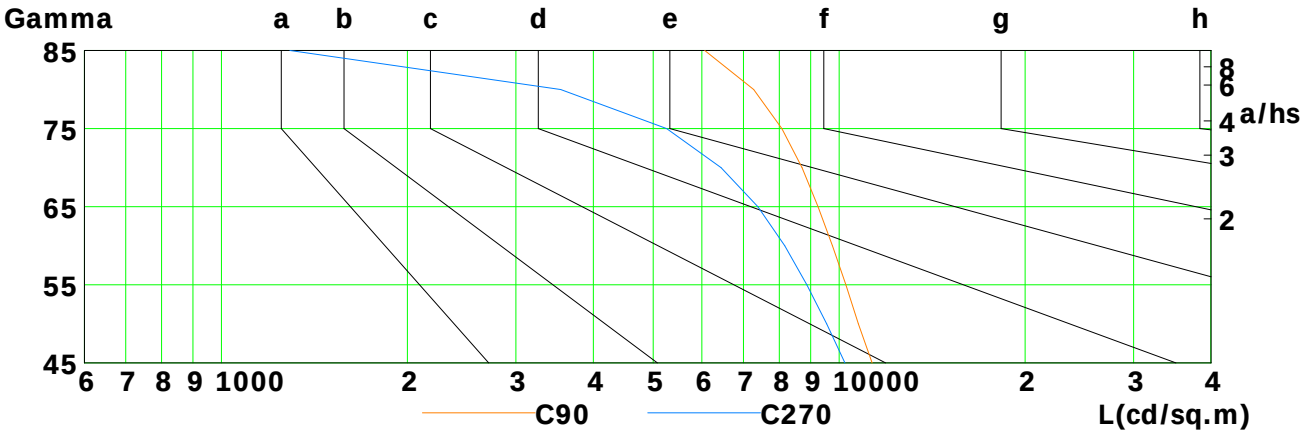
(10%): 0.5 lx	(20%): 1.0 lx
(25%): 1.2 lx	(30%): 1.5 lx
(40%): 2.0 lx	(50%): 2.5 lx
(60%): 3.0 lx	(70%): 3.5 lx
(80%): 3.9 lx	(90%): 4.4 lx

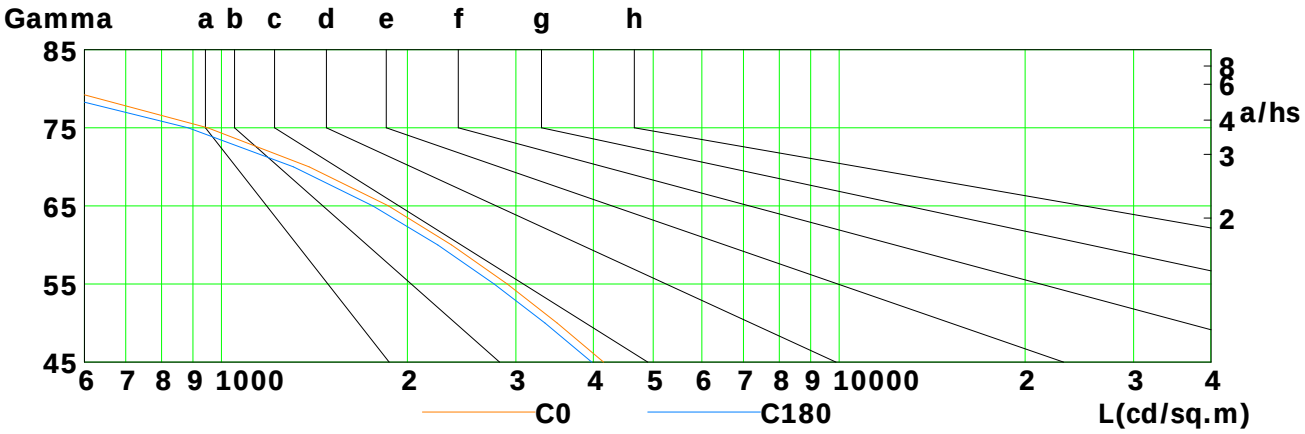
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



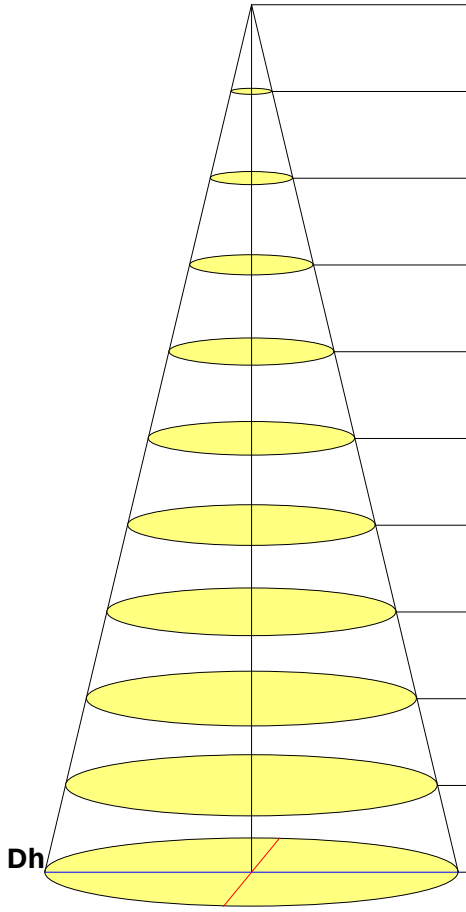


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4160	3495	2902	2360	1864	1387	951	553	213
C90	11312	10753	10257	9753	9249	8709	8085	7276	6058
C180	3976	3341	2766	2240	1758	1308	883	492	162
C270	10222	9553	8865	8165	7390	6446	5261	3545	1291

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



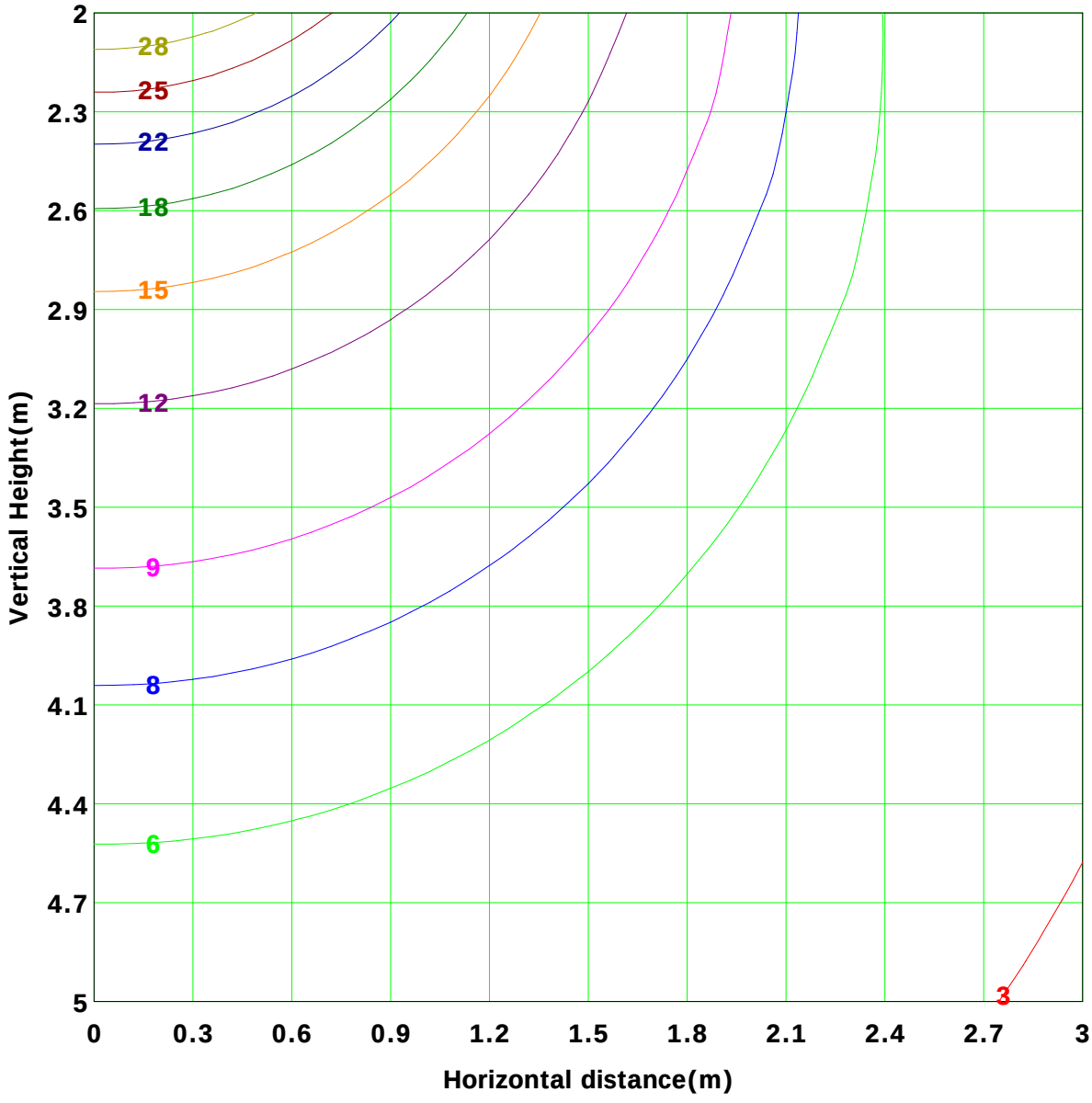
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	123.25	2.26/2.03	3.6	28.67
2.0	30.81	4.52/4.06	14.5	7.17
3.0	13.69	6.78/6.09	32.7	3.19
4.0	7.70	9.03/8.12	58.1	1.79
5.0	4.93	11.29/10.16	90.8	1.15
6.0	3.42	13.55/12.19	130.7	0.80
7.0	2.52	15.81/14.22	177.9	0.59
8.0	1.93	18.07/16.25	232.4	0.45
9.0	1.52	20.33/18.28	294.1	0.35
10.0	1.23	22.59/20.31	363.1	0.29

Beam Angle(B): H96.9 V90.9 Field Angle(F): H155.0 V156.2

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: 30.8 lx

(10%): 3.1 lx	(20%): 6.2 lx
(25%): 7.7 lx	(30%): 9.2 lx
(40%): 12.3 lx	(50%): 15.4 lx
(60%): 18.5 lx	(70%): 21.6 lx
(80%): 24.6 lx	(90%): 27.7 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:

GEN LED acolyte Architectural Lighting Solutions

Area Flux Table

Unit: lm

Vertical plane (columns) / Horizontal plane (rows)

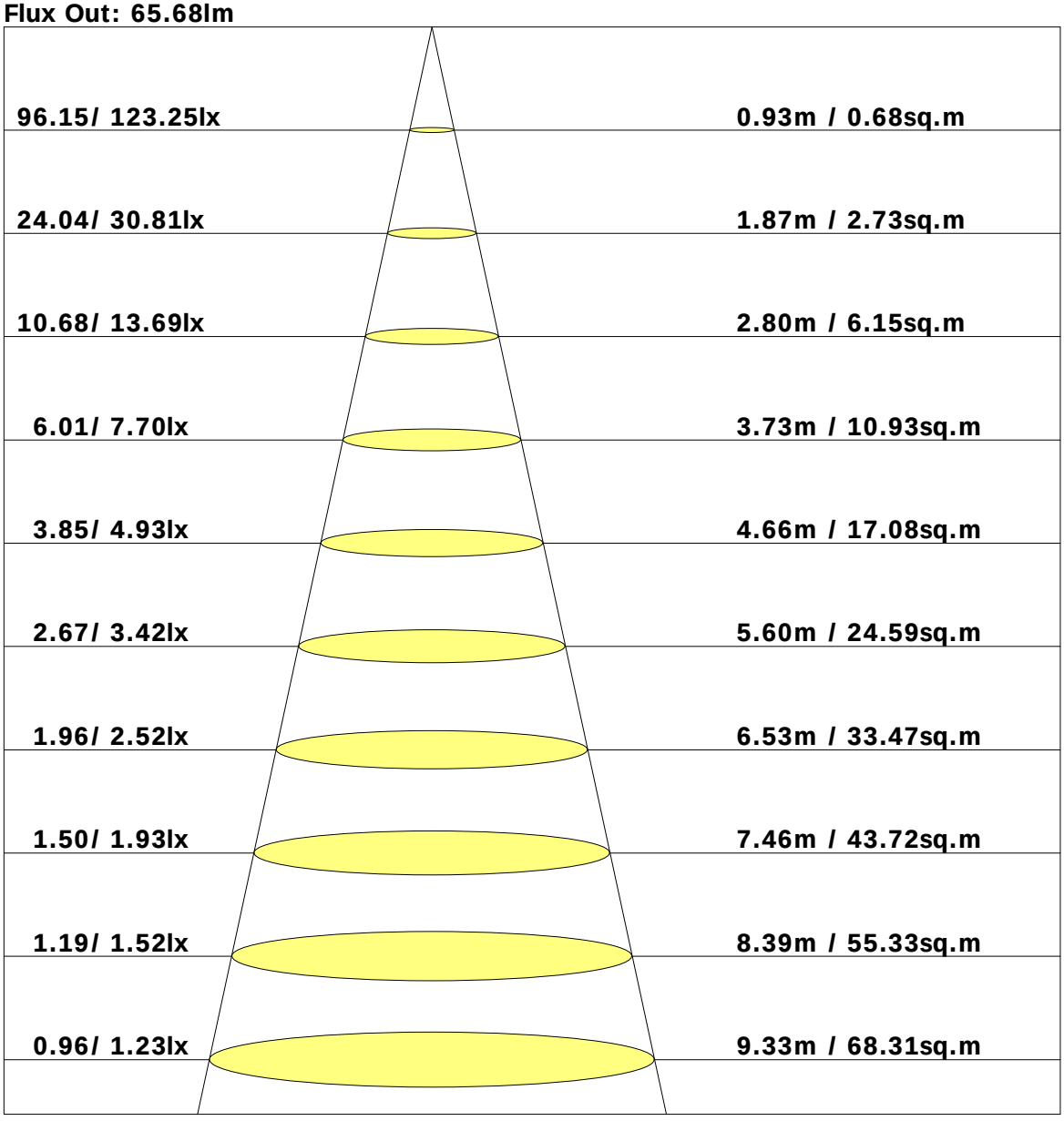
Horizontal plane	Flux(E)	90 / Flux(T)	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-90	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.8	1.3	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-70	3.8	4.2	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0	0.0
-60	8.3	8.6	0.0	0.2	0.3	0.4	0.5	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-50	14.0	14.4	0.1	0.3	0.5	0.7	0.9	1.1	1.2	1.4	1.4	1.4	1.3	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-40	20.3	20.7	0.1	0.4	0.7	1.0	1.2	1.5	1.8	2.0	2.1	2.1	1.9	1.7	1.4	1.1	0.8	0.5	0.2	0.0
-30	26.4	26.8	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.6	2.8	2.8	2.5	2.2	1.8	1.4	1.0	0.7	0.3	0.0
-20	31.2	31.6	0.2	0.6	1.0	1.4	1.8	2.3	2.8	3.1	3.3	3.3	3.0	2.6	2.1	1.7	1.2	0.8	0.4	0.1
-10	34.0	34.4	0.2	0.6	1.0	1.5	2.0	2.5	3.0	3.4	3.7	3.6	3.3	2.8	2.3	1.8	1.3	0.8	0.4	0.1
0	34.3	34.6	0.2	0.6	1.0	1.5	2.0	2.5	3.0	3.5	3.7	3.6	3.3	2.9	2.3	1.8	1.3	0.8	0.4	0.1
10	31.8	32.2	0.2	0.6	1.0	1.4	1.9	2.3	2.8	3.2	3.4	3.4	3.1	2.7	2.2	1.7	1.2	0.8	0.4	0.1
20	27.2	27.6	0.2	0.5	0.9	1.2	1.6	2.0	2.4	2.7	2.9	2.8	2.6	2.3	1.9	1.5	1.1	0.7	0.3	0.1
30	21.2	21.6	0.1	0.4	0.7	1.0	1.3	1.6	1.9	2.1	2.2	2.2	2.0	1.8	1.5	1.2	0.9	0.5	0.3	0.0
40	14.7	15.1	0.1	0.3	0.5	0.7	0.9	1.1	1.3	1.4	1.5	1.5	1.4	1.2	1.1	0.8	0.6	0.4	0.2	0.0
50	8.8	9.2	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.9	0.8	0.8	0.6	0.5	0.4	0.2	0.1	0.0
60	4.1	4.5	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0
70	0.9	1.4	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
80	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90 / Flux(T)		288	1.8	5.2	9.0	13.0	17.1	21.2	25.1	28.3	29.8	29.5	27.3	23.8	19.7	15.4	11.2	7.1	3.3	0.5
Flux(E)	282		0.1	4.3	8.7	12.8	17.0	21.1	25.1	28.2	29.8	29.5	27.3	23.8	19.6	15.3	11.0	6.7	1.6	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

Flux Out: 65.68lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	96.15/ 123.25lx		0.93m / 0.68sq.m
2.0m	24.04/ 30.81lx		1.87m / 2.73sq.m
3.0m	10.68/ 13.69lx		2.80m / 6.15sq.m
4.0m	6.01/ 7.70lx		3.73m / 10.93sq.m
5.0m	3.85/ 4.93lx		4.66m / 17.08sq.m
6.0m	2.67/ 3.42lx		5.60m / 24.59sq.m
7.0m	1.96/ 2.52lx		6.53m / 33.47sq.m
8.0m	1.50/ 1.93lx		7.46m / 43.72sq.m
9.0m	1.19/ 1.52lx		8.39m / 55.33sq.m
10.0m	0.96/ 1.23lx		9.33m / 68.31sq.m

C Plane (°):0.0-360.0: 30.0
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	22.0	23.6	22.4	23.9	24.3	19.7	21.3	20.1	21.6	21.9
3H	23.7	25.1	24.0	25.4	25.8	21.0	22.4	21.4	22.8	23.2
4H	24.2	25.5	24.6	25.9	26.3	21.5	22.8	21.9	23.2	23.6
6H	24.6	25.8	25.0	26.2	26.6	21.8	23.0	22.2	23.4	23.8
8H	24.7	25.8	25.1	26.3	26.7	21.8	23.0	22.3	23.4	23.8
12H	24.7	25.8	25.2	26.2	26.7	21.9	23.0	22.3	23.4	23.8
X=4H Y=2H	22.2	23.6	22.7	23.9	24.3	20.3	21.7	20.8	22.0	22.4
3H	24.0	25.1	24.4	25.5	25.9	21.8	22.9	22.3	23.4	23.8
4H	24.6	25.6	25.1	26.1	26.5	22.4	23.4	22.8	23.8	24.3
6H	25.1	26.0	25.6	26.4	26.9	22.8	23.6	23.2	24.1	24.6
8H	25.2	26.0	25.7	26.5	27.0	22.9	23.7	23.3	24.1	24.6
12H	25.3	26.0	25.8	26.5	27.0	22.9	23.6	23.4	24.1	24.6
X=8H Y=4H	24.7	25.5	25.2	26.0	26.4	22.6	23.4	23.1	23.9	24.4
6H	25.2	25.8	25.7	26.4	26.9	23.1	23.8	23.6	24.3	24.8
8H	25.3	25.9	25.8	26.4	27.0	23.2	23.8	23.8	24.4	24.9
12H	25.4	25.9	25.9	26.4	27.0	23.3	23.9	23.9	24.4	25.0
X=12H Y=4H	24.7	25.4	25.2	25.9	26.4	22.7	23.4	23.2	23.9	24.4
6H	25.2	25.8	25.7	26.2	26.8	23.1	23.7	23.7	24.2	24.8
8H	25.3	25.9	25.8	26.4	26.9	23.3	23.8	23.8	24.4	24.9

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	0.93	0.97	1.01	1.04
	0.30		0.52	0.62	0.70	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.47	0.57	0.64	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.85	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.73	0.81	0.85	0.89	0.94	0.97
	0.20		0.46	0.56	0.63	0.69	0.76	0.82	0.86	0.91	0.94
0.30	0.50	0.20	0.56	0.66	0.72	0.76	0.82	0.87	0.89	0.93	0.95
	0.30		0.50	0.60	0.67	0.71	0.78	0.83	0.86	0.91	0.93
	0.20		0.46	0.56	0.62	0.67	0.75	0.80	0.83	0.88	0.91
0.00	0.00	0.00	0.44	0.53	0.60	0.64	0.71	0.76	0.79	0.84	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

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(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	0.95	0.78	0.66	0.58	0.46	0.38	0.33	0.25	0.21
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.19
0.50	0.50	0.20	0.91	0.75	0.63	0.55	0.44	0.40	0.31	0.24	0.19
	0.30		0.77	0.65	0.56	0.49	0.40	0.33	0.29	0.23	0.19
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.21	0.18
0.30	0.50	0.20	0.88	0.72	0.61	0.53	0.42	0.34	0.29	0.23	0.18
	0.30		0.75	0.63	0.54	0.48	0.38	0.32	0.28	0.22	0.18
	0.20		0.66	0.56	0.49	0.44	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.55	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13

Rating:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.18	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

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	123.3	0.1	0.1	0.04	0.04
1.0-2.0	123.2	0.4	0.5	0.12	0.16
2.0-3.0	123.0	0.6	1.1	0.20	0.36
3.0-4.0	122.8	0.8	1.9	0.28	0.65
4.0-5.0	122.5	1.1	2.9	0.36	1.01
5.0-6.0	122.1	1.3	4.2	0.44	1.45
6.0-7.0	121.6	1.5	5.7	0.52	1.96
7.0-8.0	121.0	1.7	7.5	0.59	2.56
8.0-9.0	120.4	2.0	9.4	0.67	3.23
9.0-10.0	119.7	2.2	11.6	0.74	3.97
10.0-11.0	118.9	2.4	14.0	0.82	4.79
11.0-12.0	118.1	2.6	16.5	0.89	5.67
12.0-13.0	117.2	2.8	19.3	0.95	6.63
13.0-14.0	116.2	3.0	22.3	1.02	7.65
14.0-15.0	115.1	3.2	25.5	1.08	8.73
15.0-16.0	114.0	3.3	28.8	1.15	9.87
16.0-17.0	112.8	3.5	32.3	1.20	11.08
17.0-18.0	111.5	3.7	36.0	1.26	12.34
18.0-19.0	110.2	3.8	39.8	1.32	13.66
19.0-20.0	108.9	4.0	43.8	1.37	15.02
20.0-21.0	107.5	4.1	47.9	1.42	16.44
21.0-22.0	106.0	4.3	52.2	1.46	17.90
22.0-23.0	104.5	4.4	56.6	1.50	19.40
23.0-24.0	102.9	4.5	61.1	1.54	20.95
24.0-25.0	101.3	4.6	65.7	1.58	22.53
25.0-26.0	99.7	4.7	70.4	1.61	24.14
26.0-27.0	98.1	4.8	75.2	1.65	25.79
27.0-28.0	96.4	4.9	80.1	1.67	27.46
28.0-29.0	94.7	5.0	85.0	1.70	29.16
29.0-30.0	93.0	5.0	90.0	1.72	30.88
30.0-31.0	91.2	5.1	95.1	1.74	32.62
31.0-32.0	89.4	5.1	100.2	1.76	34.38
32.0-33.0	87.7	5.2	105.4	1.77	36.15
33.0-34.0	85.9	5.2	110.6	1.78	37.93
34.0-35.0	84.1	5.2	115.8	1.79	39.72
35.0-36.0	82.3	5.2	121.1	1.80	41.52

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	80.5	5.2	126.3	1.80	43.32
37.0-38.0	78.7	5.3	131.6	1.80	45.12
38.0-39.0	76.9	5.3	136.8	1.80	46.92
39.0-40.0	75.1	5.2	142.1	1.80	48.72
40.0-41.0	73.3	5.2	147.3	1.79	50.51
41.0-42.0	71.5	5.2	152.5	1.78	52.29
42.0-43.0	69.7	5.2	157.6	1.77	54.06
43.0-44.0	67.9	5.1	162.8	1.76	55.82
44.0-45.0	66.1	5.1	167.9	1.74	57.57
45.0-46.0	64.3	5.0	172.9	1.73	59.29
46.0-47.0	62.5	5.0	177.9	1.71	61.00
47.0-48.0	60.8	4.9	182.8	1.68	62.68
48.0-49.0	59.0	4.8	187.6	1.66	64.34
49.0-50.0	57.3	4.8	192.4	1.64	65.98
50.0-51.0	55.5	4.7	197.1	1.61	67.59
51.0-52.0	53.8	4.6	201.7	1.58	69.18
52.0-53.0	52.1	4.5	206.3	1.55	70.73
53.0-54.0	50.4	4.4	210.7	1.52	72.26
54.0-55.0	48.7	4.3	215.0	1.49	73.75
55.0-56.0	47.0	4.3	219.3	1.46	75.20
56.0-57.0	45.3	4.1	223.4	1.42	76.63
57.0-58.0	43.7	4.0	227.5	1.39	78.01
58.0-59.0	42.0	3.9	231.4	1.35	79.36
59.0-60.0	40.4	3.8	235.2	1.31	80.67
60.0-61.0	38.8	3.7	238.9	1.27	81.94
61.0-62.0	37.1	3.6	242.5	1.23	83.16
62.0-63.0	35.5	3.5	246.0	1.19	84.35
63.0-64.0	33.9	3.3	249.3	1.14	85.49
64.0-65.0	32.4	3.2	252.5	1.10	86.59
65.0-66.0	30.8	3.1	255.6	1.05	87.64
66.0-67.0	29.2	2.9	258.5	1.01	88.65
67.0-68.0	27.6	2.8	261.3	0.96	89.61
68.0-69.0	26.1	2.7	264.0	0.91	90.52
69.0-70.0	24.5	2.5	266.5	0.86	91.39
70.0-71.0	23.0	2.4	268.9	0.82	92.20
71.0-72.0	21.6	2.2	271.1	0.77	92.97

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	20.1	2.1	273.2	0.72	93.69
73.0-74.0	18.6	2.0	275.2	0.67	94.36
74.0-75.0	17.1	1.8	277.0	0.62	94.99
75.0-76.0	15.7	1.7	278.6	0.57	95.56
76.0-77.0	14.3	1.5	280.2	0.52	96.08
77.0-78.0	12.9	1.4	281.5	0.47	96.55
78.0-79.0	11.6	1.2	282.8	0.43	96.98
79.0-80.0	10.2	1.1	283.9	0.38	97.36
80.0-81.0	8.9	1.0	284.9	0.33	97.69
81.0-82.0	7.7	0.8	285.7	0.28	97.97
82.0-83.0	6.4	0.7	286.4	0.24	98.21
83.0-84.0	5.3	0.6	287.0	0.20	98.41
84.0-85.0	4.2	0.5	287.4	0.16	98.57
85.0-86.0	3.2	0.4	287.8	0.12	98.69
86.0-87.0	2.4	0.3	288.0	0.09	98.78
87.0-88.0	1.6	0.2	288.2	0.06	98.84
88.0-89.0	1.1	0.1	288.3	0.04	98.88
89.0-90.0	0.7	0.1	288.4	0.03	98.91
90.0-91.0	0.5	0.1	288.5	0.02	98.93
91.0-92.0	0.3	0.0	288.5	0.01	98.94
92.0-93.0	0.2	0.0	288.5	0.01	98.95
93.0-94.0	0.2	0.0	288.5	0.01	98.95
94.0-95.0	0.2	0.0	288.6	0.01	98.96
95.0-96.0	0.2	0.0	288.6	0.01	98.97
96.0-97.0	0.2	0.0	288.6	0.01	98.97
97.0-98.0	0.2	0.0	288.6	0.01	98.98
98.0-99.0	0.2	0.0	288.7	0.01	98.99
99.0-100.0	0.2	0.0	288.7	0.01	99.00
100.0-101.0	0.2	0.0	288.7	0.01	99.01
101.0-102.0	0.2	0.0	288.7	0.01	99.02
102.0-103.0	0.3	0.0	288.8	0.01	99.03
103.0-104.0	0.3	0.0	288.8	0.01	99.04
104.0-105.0	0.3	0.0	288.8	0.01	99.05
105.0-106.0	0.3	0.0	288.8	0.01	99.06
106.0-107.0	0.3	0.0	288.9	0.01	99.07
107.0-108.0	0.3	0.0	288.9	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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.3	0.0	288.9	0.01	99.09
109.0-110.0	0.3	0.0	289.0	0.01	99.10
110.0-111.0	0.3	0.0	289.0	0.01	99.11
111.0-112.0	0.4	0.0	289.1	0.01	99.13
112.0-113.0	0.4	0.0	289.1	0.01	99.14
113.0-114.0	0.4	0.0	289.1	0.01	99.15
114.0-115.0	0.4	0.0	289.2	0.01	99.17
115.0-116.0	0.4	0.0	289.2	0.01	99.18
116.0-117.0	0.4	0.0	289.2	0.01	99.19
117.0-118.0	0.4	0.0	289.3	0.01	99.21
118.0-119.0	0.4	0.0	289.3	0.01	99.22
119.0-120.0	0.5	0.0	289.4	0.01	99.24
120.0-121.0	0.5	0.0	289.4	0.02	99.25
121.0-122.0	0.5	0.0	289.5	0.02	99.27
122.0-123.0	0.5	0.0	289.5	0.02	99.28
123.0-124.0	0.5	0.0	289.6	0.02	99.30
124.0-125.0	0.5	0.0	289.6	0.02	99.32
125.0-126.0	0.5	0.0	289.6	0.02	99.33
126.0-127.0	0.6	0.0	289.7	0.02	99.35
127.0-128.0	0.6	0.0	289.7	0.02	99.36
128.0-129.0	0.6	0.0	289.8	0.02	99.38
129.0-130.0	0.6	0.0	289.8	0.02	99.40
130.0-131.0	0.6	0.0	289.9	0.02	99.41
131.0-132.0	0.6	0.0	289.9	0.02	99.43
132.0-133.0	0.6	0.1	290.0	0.02	99.45
133.0-134.0	0.6	0.1	290.0	0.02	99.47
134.0-135.0	0.6	0.1	290.1	0.02	99.48
135.0-136.0	0.7	0.1	290.1	0.02	99.50
136.0-137.0	0.7	0.1	290.2	0.02	99.52
137.0-138.0	0.7	0.1	290.2	0.02	99.54
138.0-139.0	0.7	0.1	290.3	0.02	99.55
139.0-140.0	0.7	0.1	290.3	0.02	99.57
140.0-141.0	0.7	0.1	290.4	0.02	99.59
141.0-142.0	0.7	0.0	290.4	0.02	99.61
142.0-143.0	0.7	0.0	290.5	0.02	99.62
143.0-144.0	0.8	0.0	290.5	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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.8	0.0	290.6	0.02	99.66
145.0-146.0	0.8	0.0	290.6	0.02	99.67
146.0-147.0	0.8	0.0	290.7	0.02	99.69
147.0-148.0	0.8	0.0	290.7	0.02	99.71
148.0-149.0	0.8	0.0	290.8	0.02	99.72
149.0-150.0	0.8	0.0	290.8	0.02	99.74
150.0-151.0	0.8	0.0	290.9	0.02	99.75
151.0-152.0	0.8	0.0	290.9	0.02	99.77
152.0-153.0	0.8	0.0	291.0	0.01	99.78
153.0-154.0	0.8	0.0	291.0	0.01	99.80
154.0-155.0	0.9	0.0	291.0	0.01	99.81
155.0-156.0	0.9	0.0	291.1	0.01	99.82
156.0-157.0	0.9	0.0	291.1	0.01	99.84
157.0-158.0	0.9	0.0	291.2	0.01	99.85
158.0-159.0	0.9	0.0	291.2	0.01	99.86
159.0-160.0	0.9	0.0	291.2	0.01	99.87
160.0-161.0	0.9	0.0	291.3	0.01	99.89
161.0-162.0	0.9	0.0	291.3	0.01	99.90
162.0-163.0	0.9	0.0	291.3	0.01	99.91
163.0-164.0	0.9	0.0	291.4	0.01	99.92
164.0-165.0	1.0	0.0	291.4	0.01	99.93
165.0-166.0	1.0	0.0	291.4	0.01	99.94
166.0-167.0	1.0	0.0	291.4	0.01	99.95
167.0-168.0	1.0	0.0	291.5	0.01	99.95
168.0-169.0	1.0	0.0	291.5	0.01	99.96
169.0-170.0	1.0	0.0	291.5	0.01	99.97
170.0-171.0	1.0	0.0	291.5	0.01	99.97
171.0-172.0	1.0	0.0	291.5	0.01	99.98
172.0-173.0	1.0	0.0	291.5	0.00	99.98
173.0-174.0	1.0	0.0	291.6	0.00	99.99
174.0-175.0	1.0	0.0	291.6	0.00	99.99
175.0-176.0	1.0	0.0	291.6	0.00	99.99
176.0-177.0	1.0	0.0	291.6	0.00	100.00
177.0-178.0	1.0	0.0	291.6	0.00	100.00
178.0-179.0	1.0	0.0	291.6	0.00	100.00
179.0-180.0	1.0	0.0	291.6	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: