ACOLYTE
https://www.genledbrands.com/
Tel:+1 212 629 68304(USA)
Fax:(+1) 210 360 1454

Report No.: **Test Time: 2021/2/4 15:19**

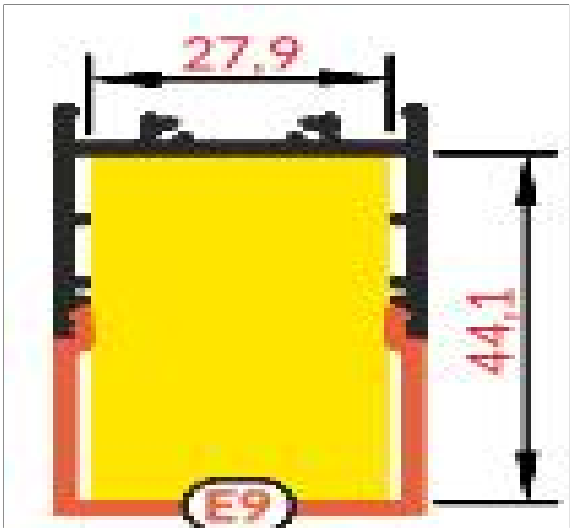
Luminaire Property

Luminaire Manufacturer: ACOLYTE
Luminaire Category: CHANNEL **Luminaire Description:** AS30
Lamp Catalog: RIBBONLYTE **Lamp Description: RB90SWS2203.030**
Number of Lamps: 2 ROWS **Luminous Length (mm): 500**
Luminous Width (mm): 51.7 **Luminous Height (mm): 25**
Voltage: 24.0 V **Current: 0.434 A**
Power: 10.42 W **Power Factor: 1.000**

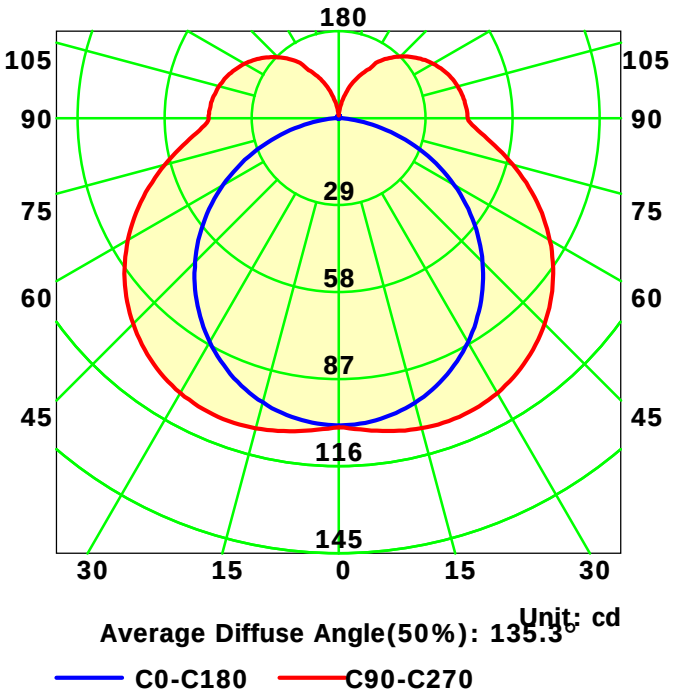
Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 531.2 lm**
Measurement Flux: 531.2 lm **Efficiency: 100%**
Downward Ratio: 78% **Upward Ratio: 22%**
Horizontal Diffuse Angle(10%,50%): H159.7,H111.9
Vertical Diffuse Angle(10%,50%): V322,V158.8
Luminaire Efficacy Rating (LER): 51 **Central Intensity: 102.83 cd**
Max. Intensity: 107.92 cd **Pos of Max. Intensity: H270 V20**

Picture Of Luminaire

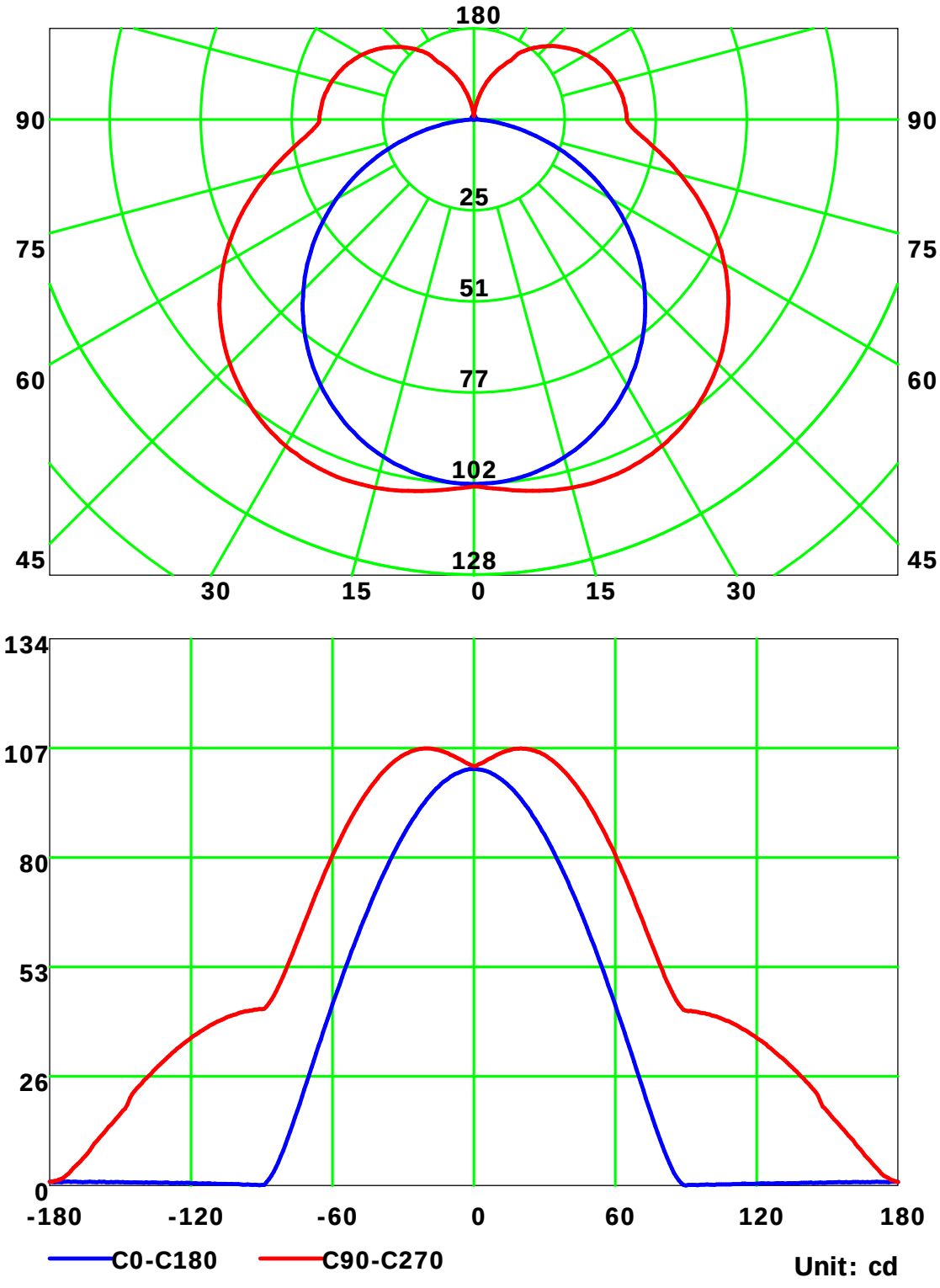


Luminous Intensity Distribution Curve



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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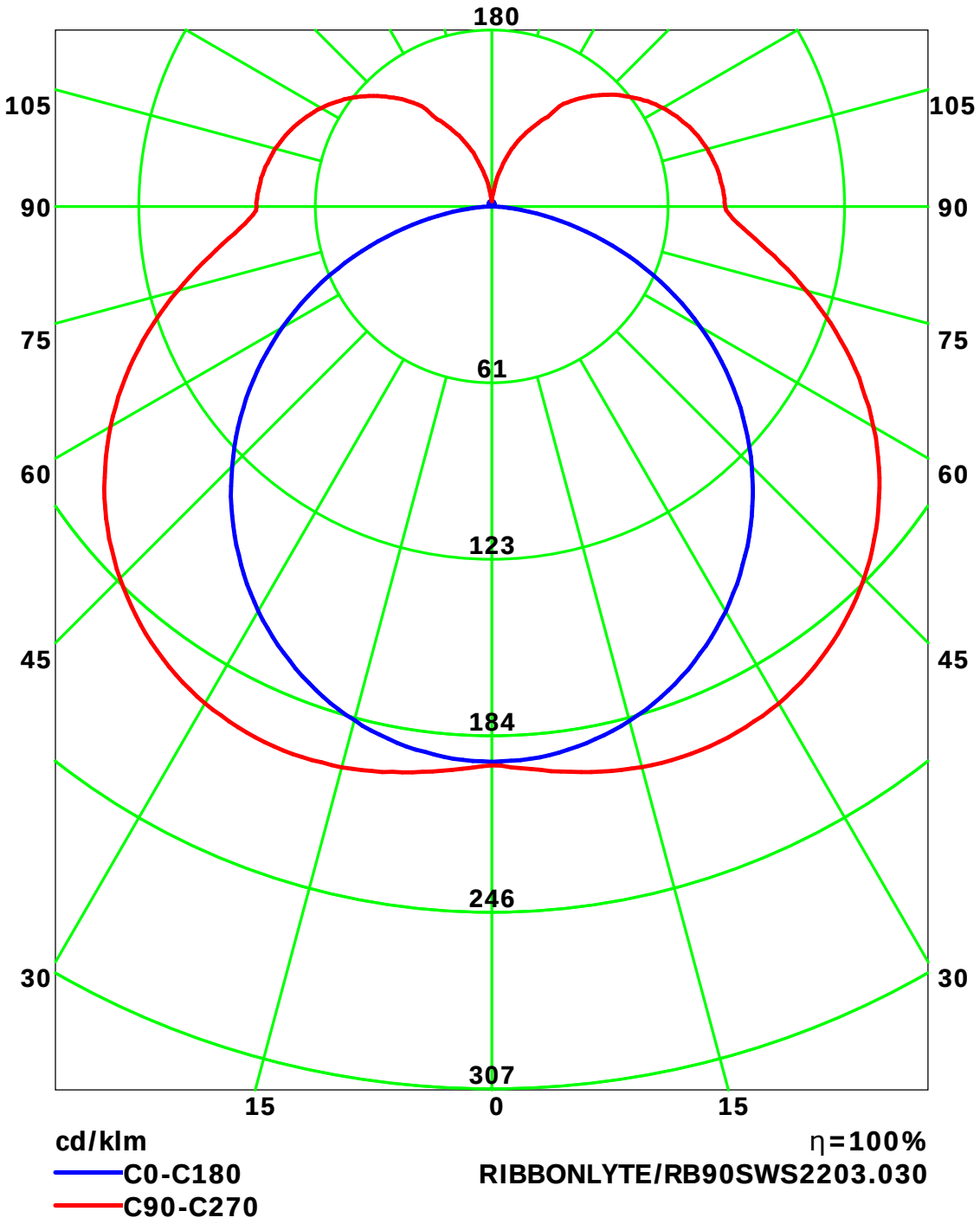
Luminous Intensity Distribution Curve(cd/klm)



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Temperature: 25
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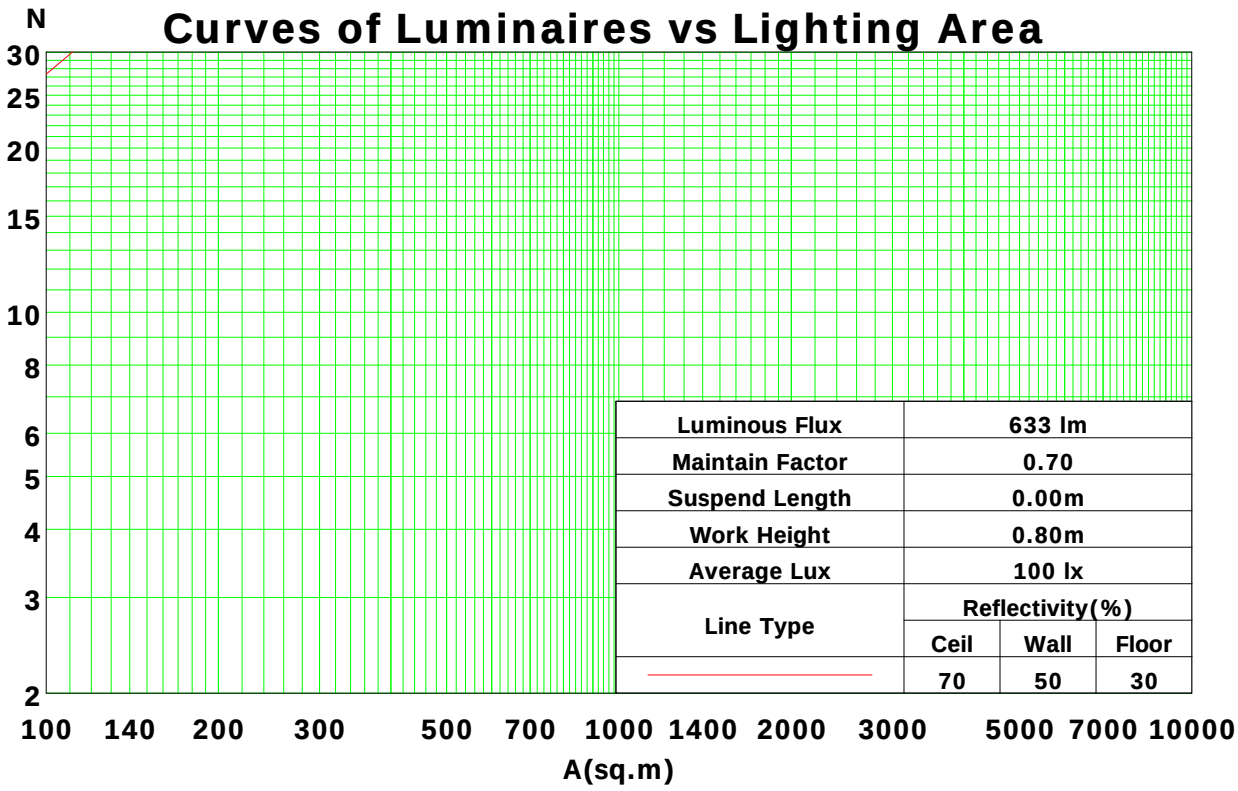
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	114	114	114	114	108	108	108	108	99	99	99	90	90	90	81	81	81	78
1	101	96	90	86	96	91	86	82	83	79	76	75	72	69	68	66	63	60
2	91	82	74	68	86	78	71	65	71	65	60	64	60	56	58	54	51	48
3	82	71	62	55	78	68	60	53	61	55	50	56	50	46	50	46	42	39
4	75	62	53	46	71	59	51	44	54	47	41	49	43	38	44	40	36	33
5	69	55	46	39	65	53	44	38	48	41	35	44	38	33	40	35	31	28
6	63	49	40	34	60	47	39	33	43	36	30	39	33	28	36	31	26	24
7	58	44	36	29	55	43	34	28	39	32	27	36	30	25	33	27	23	21
8	54	40	32	26	51	39	31	25	36	29	24	33	27	22	30	25	21	18
9	50	37	29	23	48	35	28	22	33	26	21	30	24	20	27	22	19	16
10	47	34	26	21	45	32	25	20	30	23	19	28	22	18	25	20	17	15

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.52
Spacing Criteria (Diagonal): 1.55

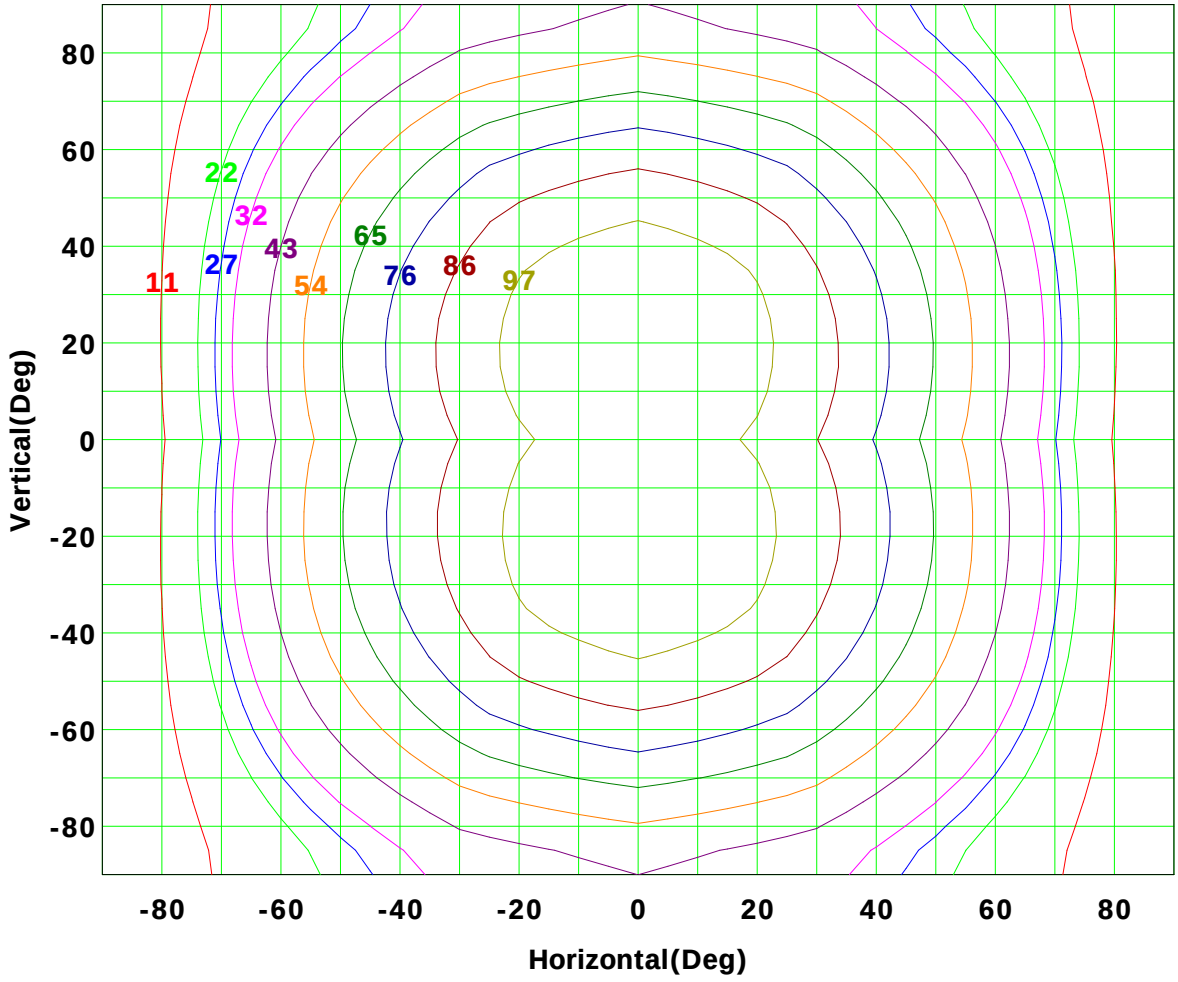
Curves of Luminaires vs Lighting Area



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)



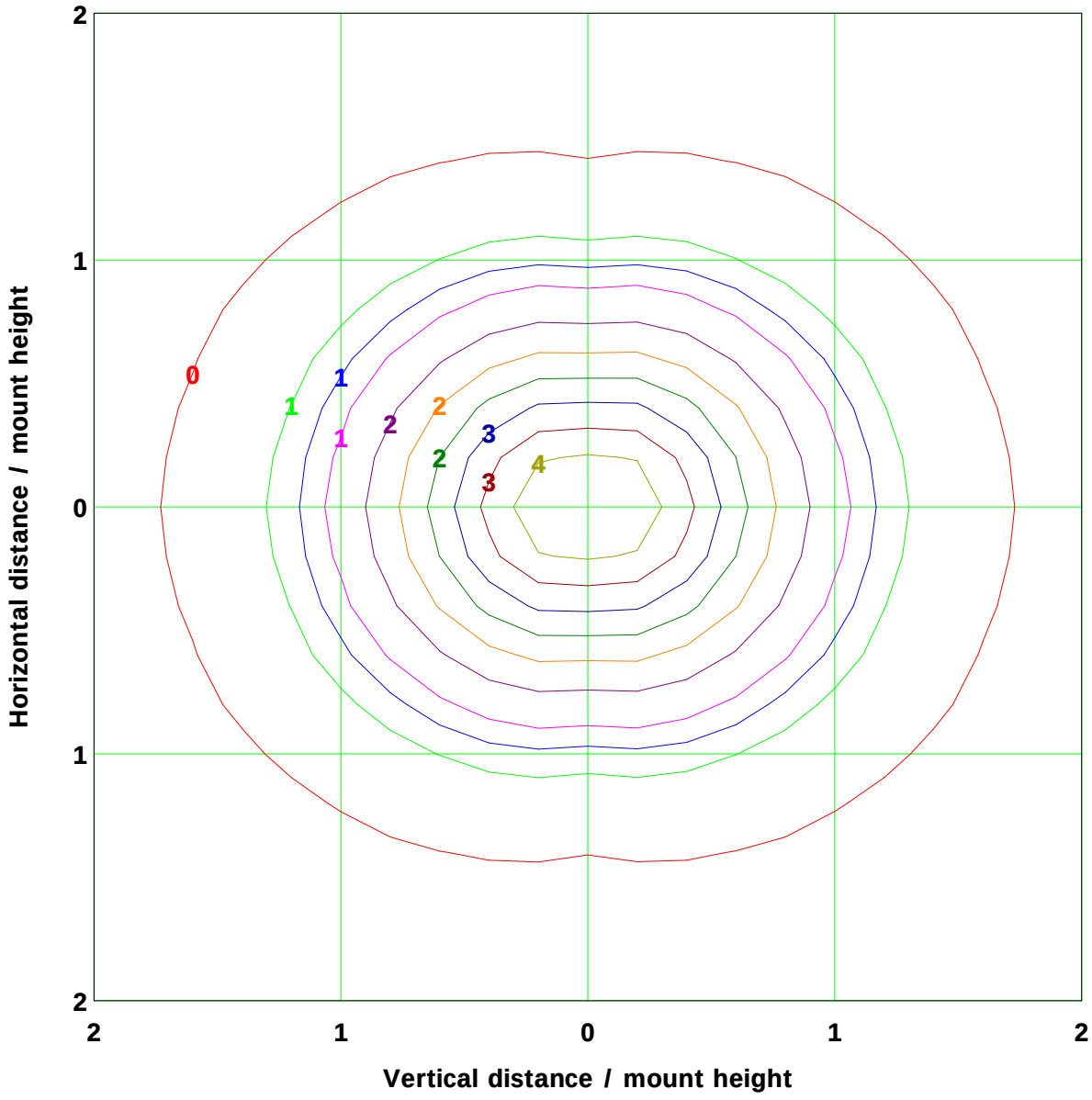
Imax (100%): 108 cd

(10%):	11 cd	(20%):	22 cd
(25%):	27 cd	(30%):	32 cd
(40%):	43 cd	(50%):	54 cd
(60%):	65 cd	(70%):	76 cd
(80%):	86 cd	(90%):	97 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%): 4.2 lx

(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.0 lx	(30%): 1.2 lx
(40%): 1.7 lx	(50%): 2.1 lx
(60%): 2.5 lx	(70%): 2.9 lx
(80%): 3.3 lx	(90%): 3.7 lx

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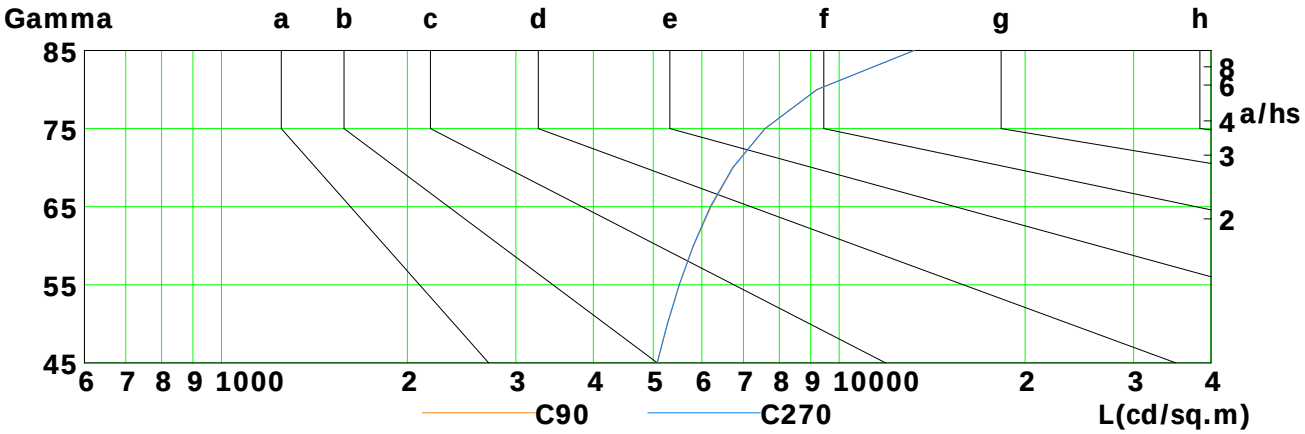
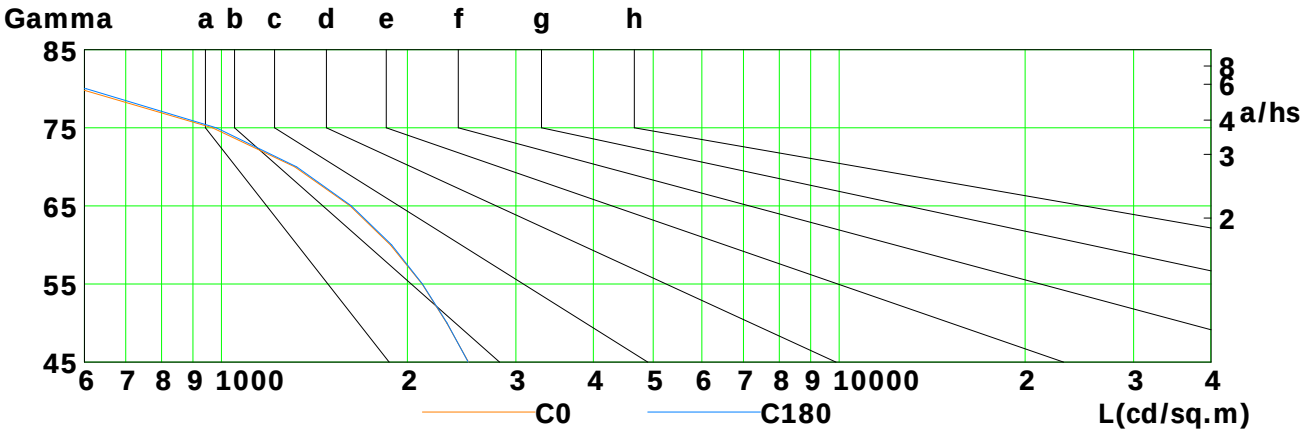
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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



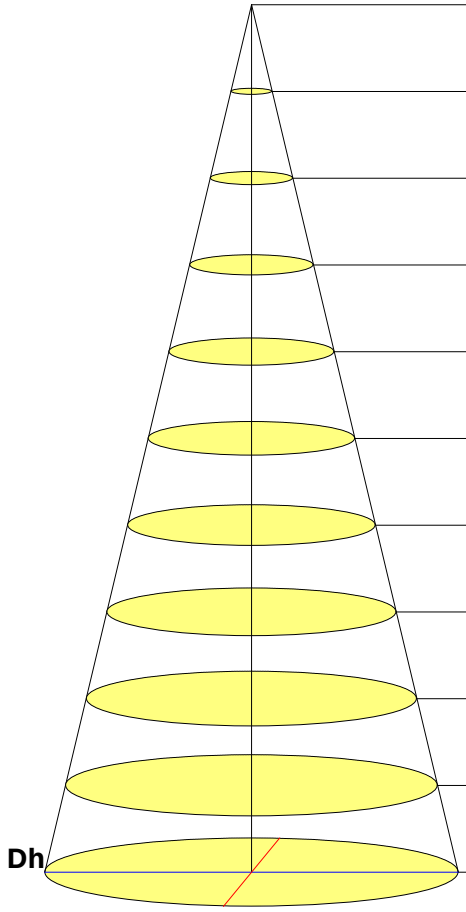


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2512	2318	2113	1878	1616	1315	967	589	216
C90	5078	5278	5517	5812	6206	6737	7599	9228	13213
C180	2509	2320	2116	1887	1623	1325	981	605	238
C270	5073	5274	5509	5805	6188	6726	7585	9200	13238

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



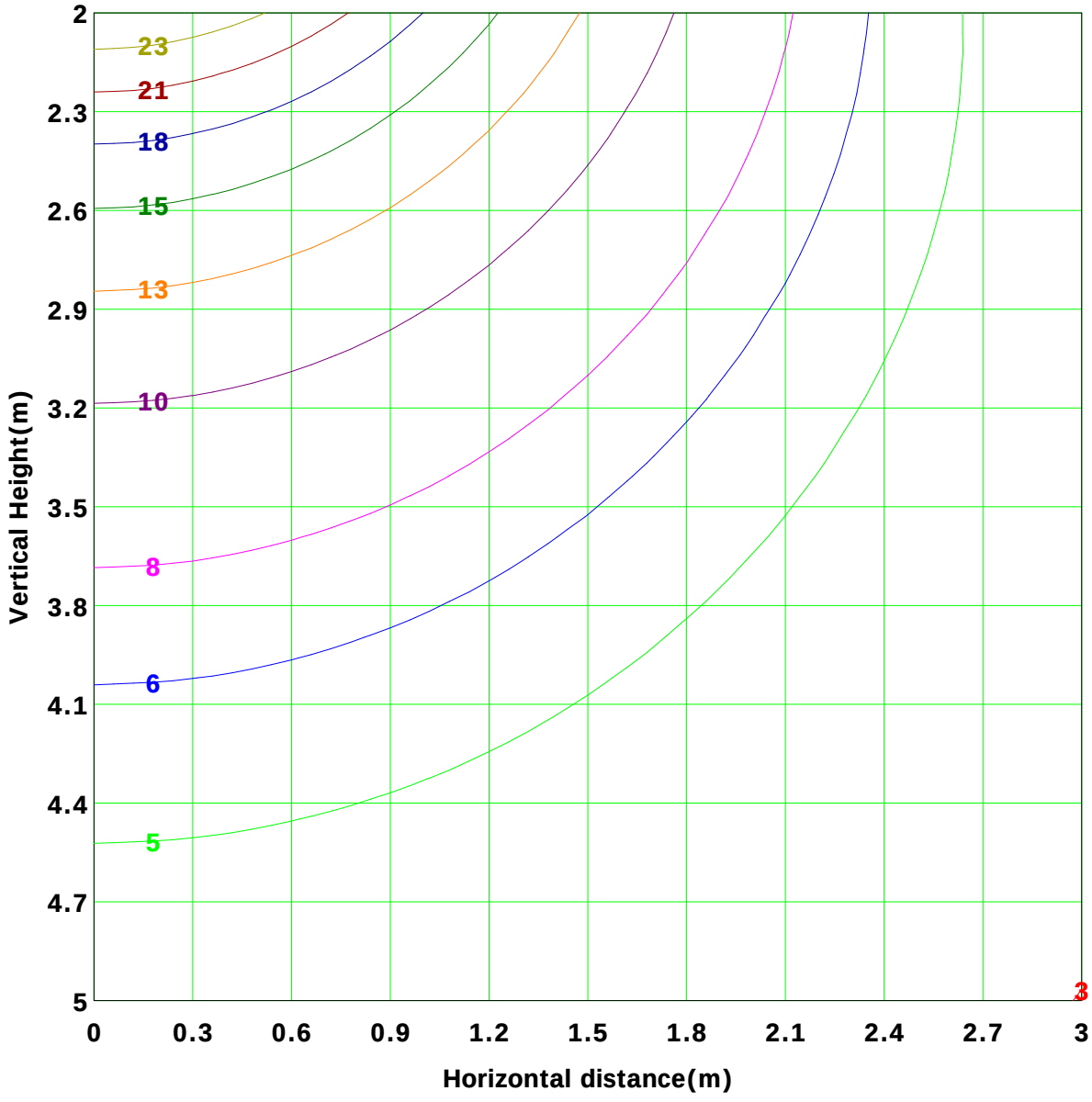
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	102.83	2.96/10.66	34.7	4.93
2.0	25.71	5.92/21.33	138.8	1.23
3.0	11.43	8.87/31.99	312.3	0.55
4.0	6.43	11.83/42.65	555.2	0.31
5.0	4.11	14.79/53.32	867.5	0.20
6.0	2.86	17.75/63.98	1249.2	0.14
7.0	2.10	20.70/74.64	1700.2	0.10
8.0	1.61	23.66/85.30	2220.7	0.08
9.0	1.27	26.62/95.97	2810.6	0.06
10.0	1.03	29.58/106.63	3469.9	0.05

Beam Angle(B): H111.9 V158.8 Field Angle(F): H159.7 V322.0

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:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 25.7 lx

(10%): 2.6 lx	(20%): 5.1 lx
(25%): 6.4 lx	(30%): 7.7 lx
(40%): 10.3 lx	(50%): 12.9 lx
(60%): 15.4 lx	(70%): 18.0 lx
(80%): 20.6 lx	(90%): 23.1 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

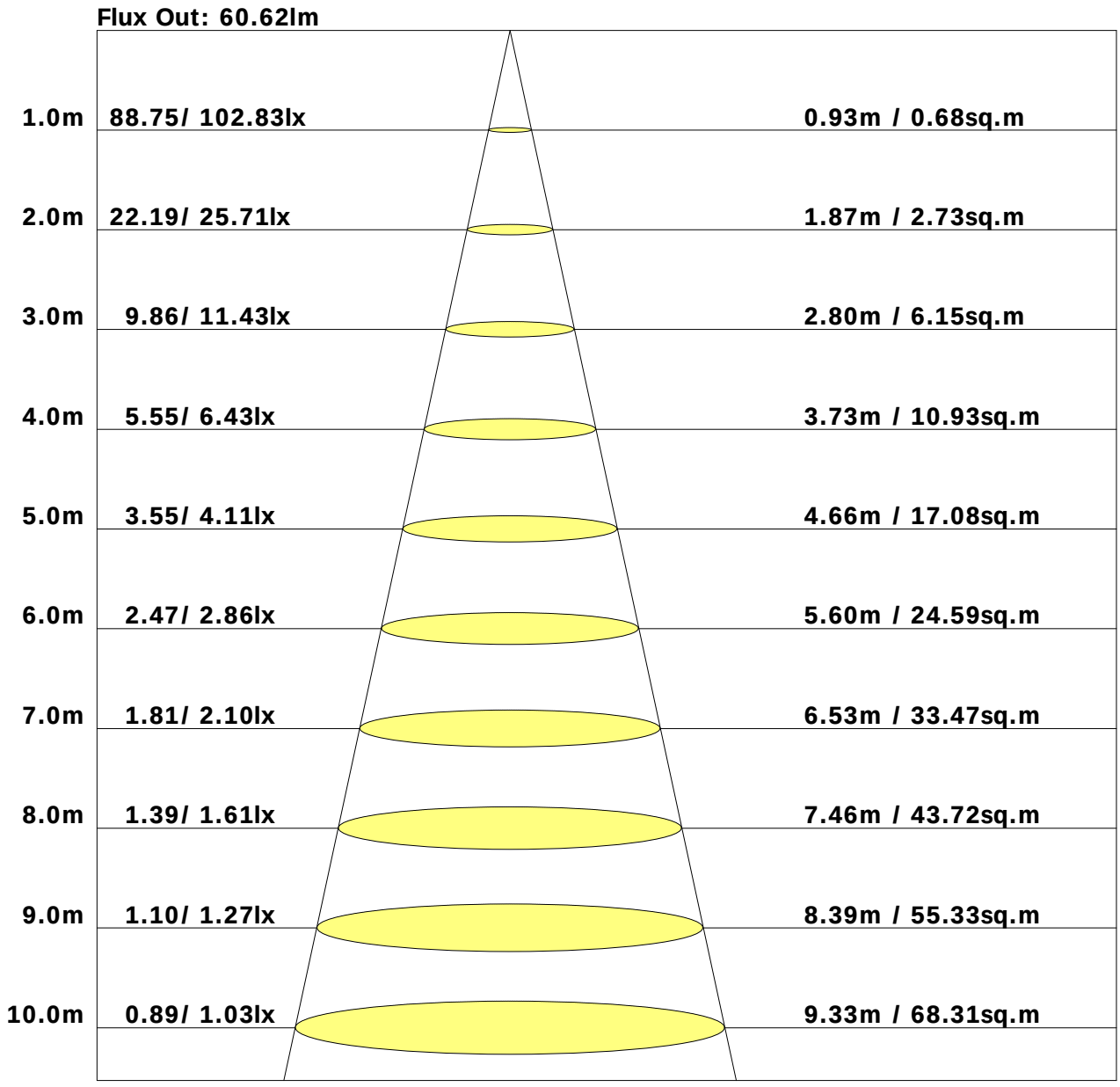
Unit: lm

Horizontal plane	Vertical plane																									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)
-90	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.6	0.4	0.2	0.1	0.0	12.0	11.9	0.0
-80	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.6	1.8	1.8	1.6	1.4	1.1	0.8	0.5	0.2	0.1	0.0	15.3	15.2	2.2
-70	0.0	0.1	0.3	0.6	1.0	1.4	1.8	2.1	2.2	2.2	2.1	1.8	1.4	1.0	0.6	0.3	0.1	0.0	19.2	19.1	7.1
-60	0.0	0.1	0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.2	0.8	0.4	0.1	0.0	22.6	22.6	13.9
-50	0.0	0.1	0.4	0.9	1.4	1.9	2.4	2.7	2.9	2.9	2.7	2.4	1.9	1.4	0.9	0.4	0.1	0.0	25.4	25.3	22.1
-40	0.0	0.2	0.5	0.9	1.5	2.0	2.5	2.9	3.1	3.1	2.9	2.5	2.0	1.5	0.9	0.5	0.2	0.0	27.2	27.2	30.7
-30	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	28.2	28.2	38.4
-20	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	28.4	28.3	44.0
-10	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	27.7	27.7	47.3
0	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.1	2.9	2.6	2.1	1.5	1.0	0.5	0.2	0.0	27.7	27.7	47.3
10	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	28.4	28.3	44.0
20	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	28.2	28.2	38.4
30	0.0	0.2	0.5	1.0	1.5	2.1	2.6	3.0	3.2	3.2	3.0	2.6	2.1	1.5	1.0	0.5	0.2	0.0	27.3	27.2	30.7
40	0.0	0.1	0.4	0.9	1.4	1.9	2.4	2.7	2.9	3.1	2.9	2.5	2.0	1.5	0.9	0.5	0.2	0.0	25.4	25.3	22.1
50	0.0	0.1	0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.6	2.4	2.1	1.7	1.2	0.8	0.4	0.1	0.0	22.6	22.6	13.9
60	0.0	0.1	0.3	0.6	1.0	1.4	1.8	2.1	2.2	2.2	2.1	1.8	1.4	1.0	0.6	0.3	0.1	0.0	19.2	19.1	7.0
70	0.0	0.1	0.2	0.5	0.8	1.1	1.4	1.6	1.8	1.8	1.6	1.4	1.1	0.8	0.5	0.2	0.1	0.0	15.3	15.2	2.1
80	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.6	0.4	0.2	0.1	0.0	12.0	11.9	0.0
90	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.6	0.4	0.2	0.1	0.0	12.0	11.9	0.0
Flux(T)	0.3	2.4	7.1	13.9	22.1	30.7	38.4	44.0	47.3	47.3	44.0	38.4	30.7	22.1	13.9	7.0	2.3	0.3	412		
Flux(E)	0.0	2.2	7.1	13.9	22.1	30.7	38.4	44.0	47.3	47.3	44.0	38.4	30.7	22.1	13.9	7.0	2.1	0.0		411	

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



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Test Type: TYPE C
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Operator: Nick

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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	16.2	17.5	16.8	18.2	19.0	17.5	18.8	18.2	19.5	20.3
3H	17.9	19.1	18.6	19.8	20.6	19.8	21.0	20.5	21.7	22.5
4H	18.5	19.6	19.2	20.3	21.2	20.9	22.0	21.6	22.7	23.6
6H	18.9	19.9	19.6	20.6	21.5	21.9	22.9	22.6	23.6	24.5
8H	19.0	20.0	19.7	20.7	21.6	22.3	23.3	23.1	24.1	24.9
12H	19.0	20.0	19.7	20.7	21.6	22.8	23.7	23.5	24.5	25.4
X=4H Y=2H	17.1	18.2	17.8	18.9	19.7	18.1	19.2	18.8	19.9	20.7
3H	19.0	20.0	19.8	20.7	21.6	20.7	21.6	21.4	22.4	23.2
4H	19.8	20.7	20.5	21.4	22.3	21.9	22.8	22.6	23.5	24.4
6H	20.3	21.1	21.1	21.9	22.8	23.1	23.8	23.8	24.6	25.5
8H	20.5	21.2	21.3	22.0	22.9	23.6	24.3	24.4	25.1	26.0
12H	20.6	21.3	21.4	22.1	23.0	24.2	24.8	24.9	25.6	26.5
X=8H Y=4H	20.4	21.2	21.2	21.9	22.9	22.2	22.9	22.9	23.7	24.6
6H	21.2	21.8	22.0	22.6	23.6	23.6	24.2	24.4	25.0	25.9
8H	21.5	22.1	22.3	22.9	23.8	24.3	24.8	25.1	25.7	26.6
12H	21.7	22.2	22.5	23.0	24.0	25.0	25.5	25.8	26.3	27.3
X=12H Y=4H	20.6	21.2	21.3	22.0	23.0	22.2	22.9	23.0	23.7	24.6
6H	21.5	22.0	22.3	22.8	23.8	23.7	24.2	24.5	25.0	26.0
8H	21.8	22.3	22.6	23.1	24.1	24.4	24.9	25.2	25.7	26.7

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	0.49	0.57	0.64	0.69	0.76	0.81	0.84	0.89	0.92
	0.30		0.41	0.48	0.56	0.61	0.69	0.75	0.79	0.84	0.88
	0.20		0.35	0.42	0.50	0.55	0.63	0.69	0.74	0.80	0.84
0.50	0.50	0.20	0.45	0.52	0.58	0.63	0.69	0.74	0.77	0.81	0.84
	0.30		0.38	0.45	0.52	0.57	0.64	0.69	0.72	0.77	0.81
	0.20		0.33	0.40	0.47	0.52	0.59	0.64	0.68	0.74	0.78
0.30	0.50	0.20	0.41	0.48	0.53	0.57	0.63	0.67	0.70	0.74	0.76
	0.30		0.36	0.42	0.48	0.52	0.59	0.63	0.66	0.71	0.74
	0.20		0.31	0.37	0.44	0.48	0.55	0.59	0.63	0.68	0.71
0.00	0.00	0.00	0.27	0.32	0.38	0.42	0.47	0.52	0.55	0.59	0.62

Rating:10W 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 = 1.50								
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	1.00	0.86	0.74	0.66	0.54	0.45	0.40	0.32	0.26
	0.30		0.83	0.73	0.65	0.58	0.48	0.42	0.37	0.30	0.25
	0.20		0.71	0.64	0.57	0.52	0.44	0.38	0.34	0.28	0.24
0.50	0.50	0.20	0.91	0.79	0.68	0.60	0.49	0.44	0.36	0.29	0.24
	0.30		0.77	0.68	0.60	0.54	0.45	0.39	0.34	0.27	0.23
	0.20		0.67	0.60	0.54	0.49	0.41	0.36	0.32	0.26	0.22
0.30	0.50	0.20	0.84	0.72	0.62	0.55	0.45	0.38	0.33	0.27	0.22
	0.30		0.72	0.64	0.56	0.50	0.42	0.36	0.31	0.25	0.21
	0.20		0.63	0.57	0.50	0.46	0.39	0.33	0.30	0.24	0.21
0.00	0.00	0.00	0.50	0.45	0.40	0.36	0.30	0.26	0.23	0.19	0.16

Rating:10W 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 = 1.50								
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	0.38	0.40	0.40	0.41	0.42	0.42	0.43	0.43	0.43
	0.30		0.31	0.33	0.34	0.35	0.36	0.38	0.38	0.39	0.40
	0.20		0.26	0.28	0.29	0.30	0.32	0.33	0.35	0.36	0.37
0.50	0.50	0.20	0.37	0.38	0.39	0.39	0.40	0.41	0.41	0.41	0.41
	0.30		0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39
	0.20		0.26	0.27	0.29	0.30	0.31	0.33	0.34	0.35	0.36
0.30	0.50	0.20	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40
	0.30		0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.37
	0.20		0.26	0.27	0.28	0.29	0.31	0.32	0.33	0.34	0.35
0.00	0.00	0.00	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22

Rating:10W 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	103.4	0.1	0.1	0.02	0.02
1.0-2.0	103.5	0.3	0.4	0.06	0.07
2.0-3.0	103.6	0.5	0.9	0.09	0.17
3.0-4.0	103.7	0.7	1.6	0.13	0.30
4.0-5.0	103.8	0.9	2.5	0.17	0.47
5.0-6.0	103.9	1.1	3.6	0.21	0.67
6.0-7.0	104.0	1.3	4.9	0.24	0.92
7.0-8.0	104.0	1.5	6.4	0.28	1.20
8.0-9.0	104.1	1.7	8.0	0.32	1.51
9.0-10.0	104.1	1.9	9.9	0.35	1.87
10.0-11.0	104.1	2.1	12.0	0.39	2.26
11.0-12.0	104.1	2.3	14.3	0.43	2.69
12.0-13.0	104.0	2.5	16.7	0.46	3.15
13.0-14.0	103.9	2.7	19.4	0.50	3.65
14.0-15.0	103.8	2.9	22.3	0.54	4.19
15.0-16.0	103.7	3.0	25.3	0.57	4.76
16.0-17.0	103.5	3.2	28.5	0.61	5.37
17.0-18.0	103.3	3.4	31.9	0.64	6.01
18.0-19.0	103.1	3.6	35.5	0.68	6.69
19.0-20.0	102.8	3.8	39.3	0.71	7.40
20.0-21.0	102.5	3.9	43.2	0.74	8.14
21.0-22.0	102.2	4.1	47.3	0.77	8.91
22.0-23.0	101.8	4.3	51.6	0.80	9.71
23.0-24.0	101.4	4.4	56.0	0.83	10.55
24.0-25.0	101.0	4.6	60.6	0.86	11.41
25.0-26.0	100.5	4.7	65.4	0.89	12.31
26.0-27.0	100.1	4.9	70.3	0.92	13.23
27.0-28.0	99.5	5.0	75.3	0.95	14.18
28.0-29.0	99.0	5.2	80.5	0.97	15.15
29.0-30.0	98.4	5.3	85.8	1.00	16.15
30.0-31.0	97.8	5.4	91.2	1.02	17.18
31.0-32.0	97.1	5.6	96.8	1.05	18.23
32.0-33.0	96.5	5.7	102.5	1.07	19.30
33.0-34.0	95.8	5.8	108.3	1.09	20.39
34.0-35.0	95.0	5.9	114.2	1.11	21.50
35.0-36.0	94.2	6.0	120.2	1.13	22.63

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	93.4	6.1	126.3	1.15	23.78
37.0-38.0	92.6	6.2	132.5	1.16	24.94
38.0-39.0	91.7	6.3	138.7	1.18	26.12
39.0-40.0	90.8	6.3	145.1	1.19	27.31
40.0-41.0	89.9	6.4	151.5	1.21	28.52
41.0-42.0	89.0	6.5	157.9	1.22	29.73
42.0-43.0	88.0	6.5	164.5	1.23	30.96
43.0-44.0	87.0	6.6	171.0	1.24	32.20
44.0-45.0	86.0	6.6	177.6	1.24	33.44
45.0-46.0	84.9	6.6	184.3	1.25	34.69
46.0-47.0	83.8	6.7	190.9	1.26	35.95
47.0-48.0	82.7	6.7	197.6	1.26	37.21
48.0-49.0	81.6	6.7	204.3	1.26	38.47
49.0-50.0	80.4	6.7	211.0	1.26	39.73
50.0-51.0	79.2	6.7	217.7	1.26	40.99
51.0-52.0	77.9	6.7	224.4	1.26	42.25
52.0-53.0	76.7	6.7	231.1	1.26	43.51
53.0-54.0	75.4	6.6	237.7	1.25	44.76
54.0-55.0	74.1	6.6	244.3	1.25	46.00
55.0-56.0	72.8	6.6	250.9	1.24	47.24
56.0-57.0	71.4	6.5	257.5	1.23	48.47
57.0-58.0	70.0	6.5	263.9	1.22	49.69
58.0-59.0	68.6	6.4	270.3	1.21	50.90
59.0-60.0	67.2	6.4	276.7	1.20	52.09
60.0-61.0	65.7	6.3	283.0	1.18	53.28
61.0-62.0	64.3	6.2	289.2	1.17	54.44
62.0-63.0	62.8	6.1	295.3	1.15	55.59
63.0-64.0	61.3	6.0	301.3	1.13	56.72
64.0-65.0	59.7	5.9	307.2	1.11	57.84
65.0-66.0	58.2	5.8	313.0	1.09	58.93
66.0-67.0	56.6	5.7	318.7	1.07	60.00
67.0-68.0	55.0	5.6	324.3	1.05	61.05
68.0-69.0	53.4	5.4	329.7	1.03	62.08
69.0-70.0	51.8	5.3	335.0	1.00	63.08
70.0-71.0	50.2	5.2	340.2	0.98	64.05
71.0-72.0	48.6	5.0	345.3	0.95	65.00

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:

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	46.9	4.9	350.2	0.92	65.93
73.0-74.0	45.3	4.8	354.9	0.90	66.82
74.0-75.0	43.7	4.6	359.6	0.87	67.69
75.0-76.0	42.1	4.5	364.0	0.84	68.53
76.0-77.0	40.5	4.3	368.3	0.81	69.35
77.0-78.0	38.9	4.2	372.5	0.78	70.13
78.0-79.0	37.3	4.0	376.5	0.76	70.89
79.0-80.0	35.8	3.9	380.4	0.73	71.61
80.0-81.0	34.4	3.7	384.1	0.70	72.31
81.0-82.0	32.9	3.6	387.7	0.67	72.99
82.0-83.0	31.6	3.4	391.1	0.65	73.63
83.0-84.0	30.3	3.3	394.4	0.62	74.25
84.0-85.0	29.1	3.2	397.6	0.60	74.85
85.0-86.0	28.0	3.1	400.6	0.58	75.43
86.0-87.0	27.0	3.0	403.6	0.56	75.98
87.0-88.0	26.2	2.9	406.5	0.54	76.52
88.0-89.0	25.6	2.8	409.3	0.53	77.05
89.0-90.0	25.3	2.8	412.0	0.52	77.57
90.0-91.0	25.2	2.8	414.8	0.52	78.09
91.0-92.0	25.2	2.8	417.6	0.52	78.61
92.0-93.0	25.1	2.8	420.3	0.52	79.13
93.0-94.0	25.1	2.7	423.0	0.52	79.65
94.0-95.0	25.0	2.7	425.8	0.51	80.16
95.0-96.0	25.0	2.7	428.5	0.51	80.68
96.0-97.0	24.9	2.7	431.2	0.51	81.19
97.0-98.0	24.9	2.7	433.9	0.51	81.69
98.0-99.0	24.8	2.7	436.6	0.51	82.20
99.0-100.0	24.7	2.7	439.3	0.50	82.70
100.0-101.0	24.6	2.7	441.9	0.50	83.20
101.0-102.0	24.5	2.6	444.6	0.49	83.70
102.0-103.0	24.4	2.6	447.2	0.49	84.19
103.0-104.0	24.3	2.6	449.8	0.49	84.68
104.0-105.0	24.1	2.6	452.3	0.48	85.16
105.0-106.0	24.0	2.5	454.9	0.48	85.64
106.0-107.0	23.9	2.5	457.4	0.47	86.11
107.0-108.0	23.7	2.5	459.8	0.47	86.58

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	23.6	2.5	462.3	0.46	87.04
109.0-110.0	23.4	2.4	464.7	0.46	87.49
110.0-111.0	23.3	2.4	467.1	0.45	87.94
111.0-112.0	23.1	2.4	469.5	0.44	88.39
112.0-113.0	22.9	2.3	471.8	0.44	88.82
113.0-114.0	22.7	2.3	474.1	0.43	89.25
114.0-115.0	22.5	2.2	476.3	0.42	89.67
115.0-116.0	22.3	2.2	478.5	0.42	90.09
116.0-117.0	22.1	2.2	480.7	0.41	90.50
117.0-118.0	21.9	2.1	482.8	0.40	90.90
118.0-119.0	21.6	2.1	484.9	0.39	91.29
119.0-120.0	21.4	2.0	486.9	0.38	91.68
120.0-121.0	21.2	2.0	488.9	0.38	92.05
121.0-122.0	20.9	2.0	490.9	0.37	92.42
122.0-123.0	20.7	1.9	492.8	0.36	92.78
123.0-124.0	20.4	1.9	494.7	0.35	93.13
124.0-125.0	20.1	1.8	496.5	0.34	93.48
125.0-126.0	19.8	1.8	498.3	0.33	93.81
126.0-127.0	19.6	1.7	500.0	0.32	94.13
127.0-128.0	19.2	1.7	501.7	0.31	94.45
128.0-129.0	18.9	1.6	503.3	0.31	94.75
129.0-130.0	18.5	1.6	504.9	0.30	95.05
130.0-131.0	18.2	1.5	506.4	0.29	95.33
131.0-132.0	17.8	1.5	507.8	0.28	95.61
132.0-133.0	17.5	1.4	509.3	0.27	95.88
133.0-134.0	17.1	1.4	510.6	0.26	96.13
134.0-135.0	16.8	1.3	511.9	0.25	96.38
135.0-136.0	16.4	1.3	513.2	0.24	96.62
136.0-137.0	16.1	1.2	514.4	0.23	96.85
137.0-138.0	15.8	1.2	515.6	0.22	97.07
138.0-139.0	15.4	1.1	516.7	0.21	97.28
139.0-140.0	15.1	1.1	517.8	0.20	97.48
140.0-141.0	14.7	1.0	518.8	0.19	97.67
141.0-142.0	14.3	1.0	519.8	0.18	97.86
142.0-143.0	13.8	0.9	520.7	0.17	98.03
143.0-144.0	13.2	0.9	521.6	0.16	98.19

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	12.8	0.8	522.4	0.15	98.35
145.0-146.0	12.4	0.8	523.1	0.14	98.49
146.0-147.0	11.9	0.7	523.9	0.14	98.63
147.0-148.0	11.3	0.7	524.5	0.12	98.75
148.0-149.0	10.8	0.6	525.1	0.12	98.87
149.0-150.0	10.5	0.6	525.7	0.11	98.98
150.0-151.0	10.1	0.5	526.3	0.10	99.08
151.0-152.0	9.7	0.5	526.8	0.10	99.18
152.0-153.0	9.4	0.5	527.3	0.09	99.27
153.0-154.0	9.0	0.4	527.7	0.08	99.35
154.0-155.0	8.6	0.4	528.1	0.08	99.42
155.0-156.0	8.2	0.4	528.5	0.07	99.49
156.0-157.0	7.8	0.3	528.8	0.06	99.56
157.0-158.0	7.4	0.3	529.1	0.06	99.62
158.0-159.0	7.0	0.3	529.4	0.05	99.67
159.0-160.0	6.6	0.3	529.7	0.05	99.72
160.0-161.0	6.2	0.2	529.9	0.04	99.76
161.0-162.0	5.8	0.2	530.1	0.04	99.80
162.0-163.0	5.4	0.2	530.3	0.03	99.83
163.0-164.0	5.0	0.2	530.4	0.03	99.86
164.0-165.0	4.5	0.1	530.6	0.03	99.89
165.0-166.0	4.1	0.1	530.7	0.02	99.91
166.0-167.0	3.7	0.1	530.8	0.02	99.93
167.0-168.0	3.4	0.1	530.8	0.02	99.94
168.0-169.0	3.1	0.1	530.9	0.01	99.95
169.0-170.0	2.8	0.1	531.0	0.01	99.96
170.0-171.0	2.5	0.0	531.0	0.01	99.97
171.0-172.0	2.3	0.0	531.1	0.01	99.98
172.0-173.0	2.1	0.0	531.1	0.01	99.99
173.0-174.0	1.9	0.0	531.1	0.00	99.99
174.0-175.0	1.7	0.0	531.1	0.00	99.99
175.0-176.0	1.6	0.0	531.1	0.00	100.00
176.0-177.0	1.4	0.0	531.1	0.00	100.00
177.0-178.0	1.3	0.0	531.2	0.00	100.00
178.0-179.0	1.1	0.0	531.2	0.00	100.00
179.0-180.0	1.0	0.0	531.2	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: