GENLED Brands
www.genledbrands.com
Tel:+1 212 629 6830
Fax:

Report No.: **Test Time: 2023/3/1 16:33**

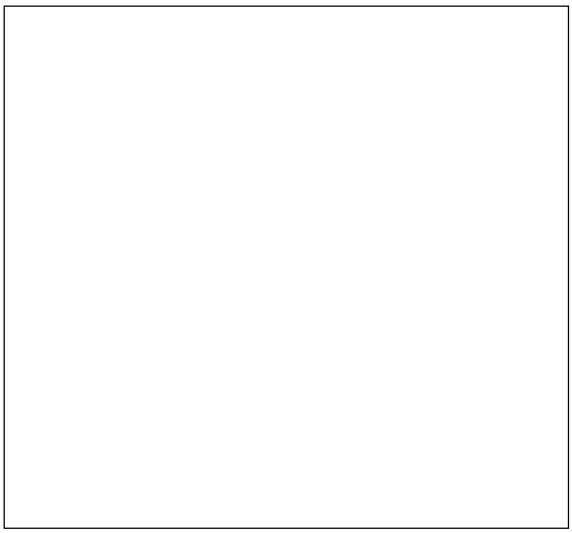
Luminaire Property

Luminaire Manufacturer: ACOLYTE
Luminaire Category: WALL WASHER
Luminaire Description: FORTEACNS12RGBW4065-BLUE ON
Luminous Length (mm): 330 **Luminous Width (mm): 96**
Luminous Height (mm): 162.5 **Voltage: 119.6 V**
Current: 0.172 A **Power: 9.62 W**
Power Factor: 0.467

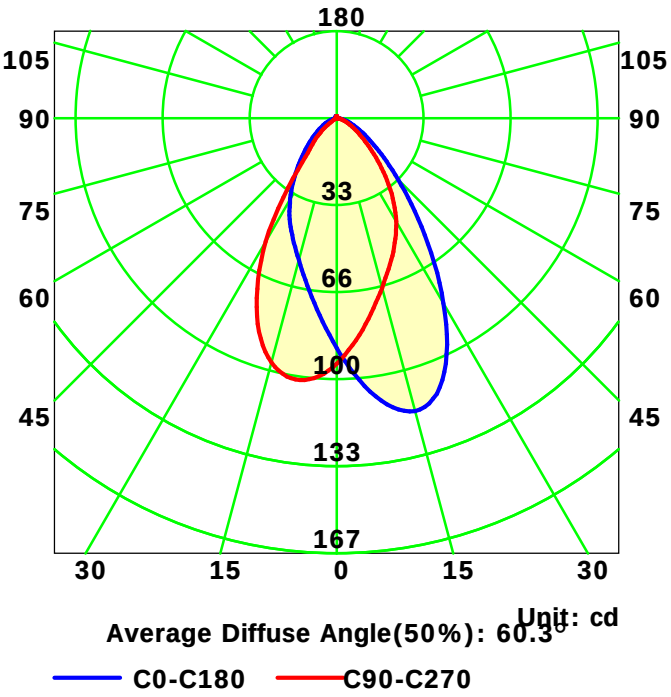
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 123.3 lm**
Measurement Flux: 123.3 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H116.4,H60.5
Vertical Diffuse Angle(10%,50%): V103.3,V60.1
Luminaire Efficacy Rating (LER): 13 **Central Intensity: 88.2 cd**
Max. Intensity: 126.46 cd **Pos of Max. Intensity: H330 V14**

Picture Of Luminaire

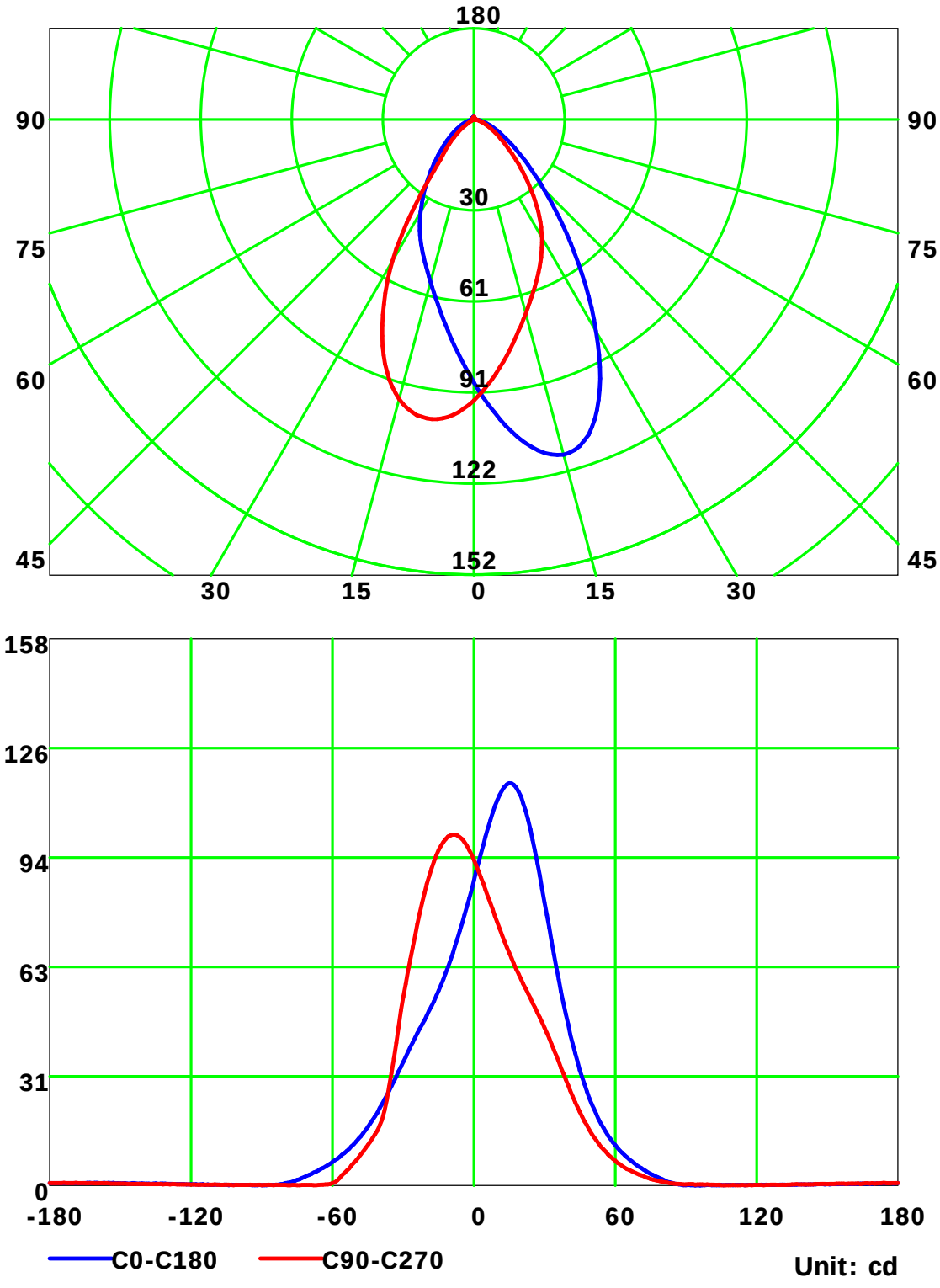


Luminous Intensity Distribution Curve



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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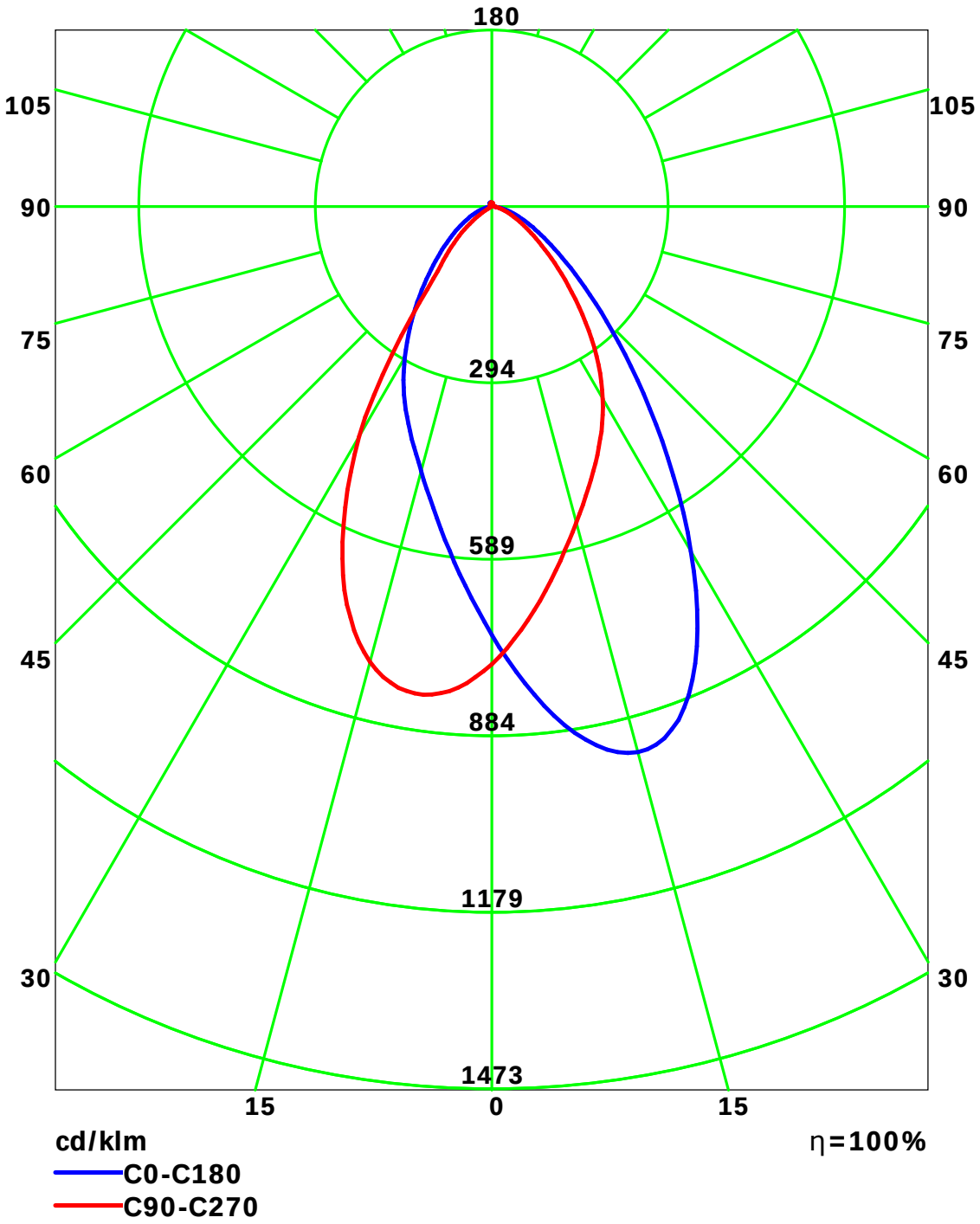
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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)



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Test Lab:
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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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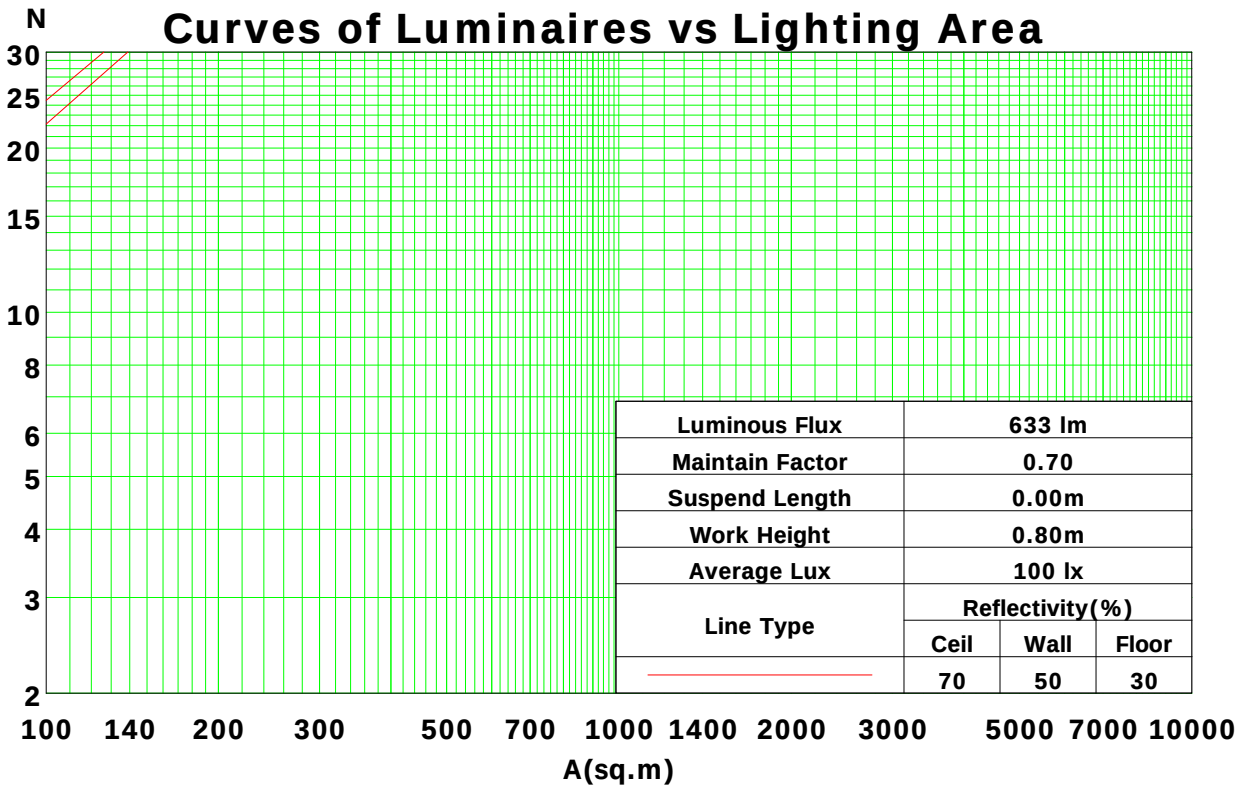
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	100	100	100	98
1	111	108	105	102	109	106	103	100	101	99	97	97	95	94	93	92	91	89
2	104	98	93	89	102	96	92	88	93	89	86	89	86	83	86	84	81	79
3	98	90	84	79	95	88	82	78	85	80	76	82	78	75	80	76	73	72
4	91	82	75	70	89	81	75	70	78	73	69	76	71	68	74	70	67	65
5	86	76	69	63	84	74	68	63	72	67	62	70	65	61	68	64	61	59
6	80	70	63	57	79	69	62	57	67	61	57	65	60	56	64	59	55	54
7	76	65	58	53	74	64	57	52	62	56	52	61	55	51	59	55	51	49
8	71	60	53	48	70	59	53	48	58	52	48	57	51	47	56	51	47	45
9	67	56	49	45	66	55	49	44	54	48	44	53	48	44	52	47	44	42
10	64	53	46	41	62	52	46	41	51	45	41	50	45	41	49	44	41	39

Spacing Criteria (0-180): 1.06
Spacing Criteria (90-270): 0.92
Spacing Criteria (Diagonal): 1.01

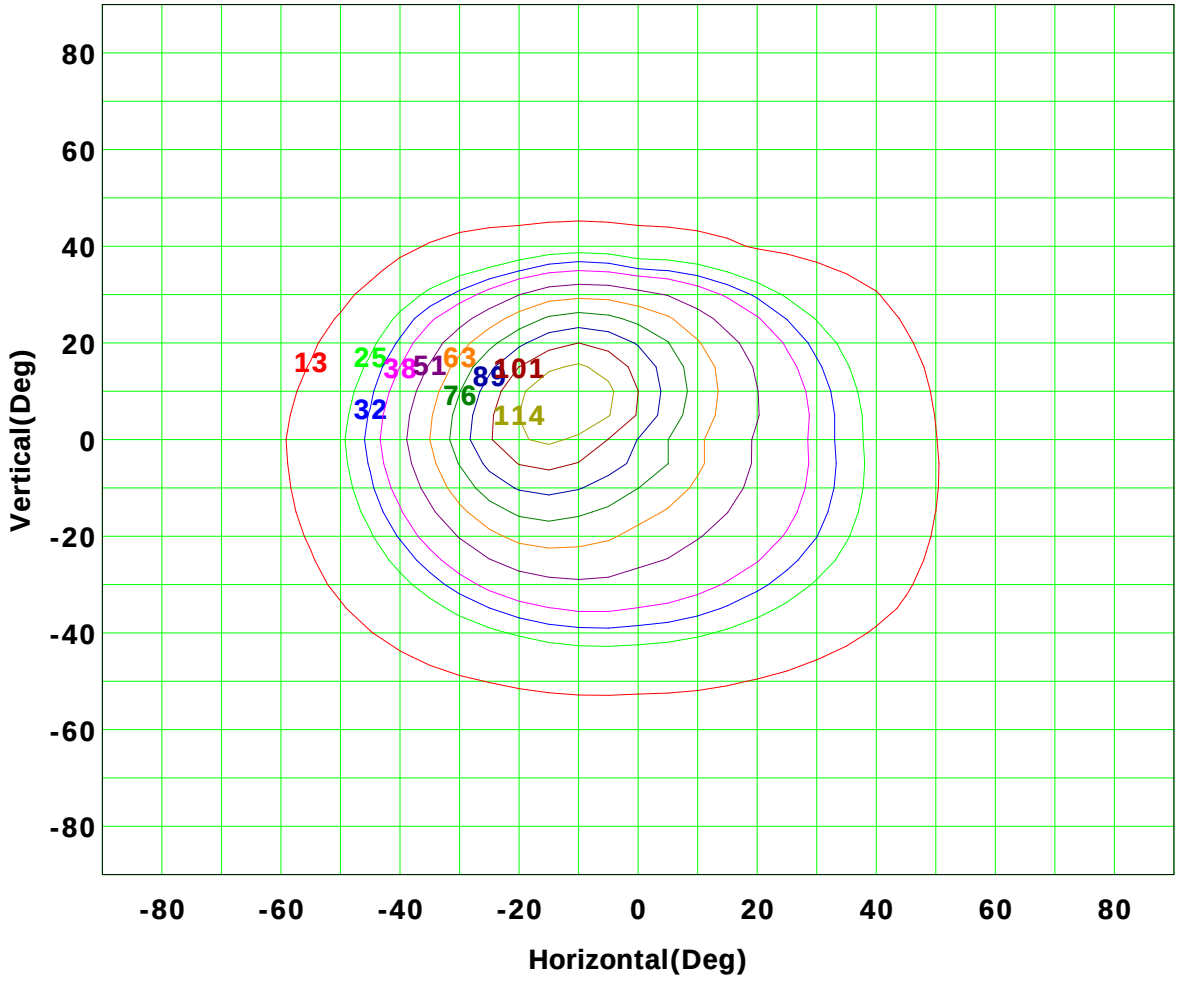
Curves of Luminaires vs Lighting Area



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)



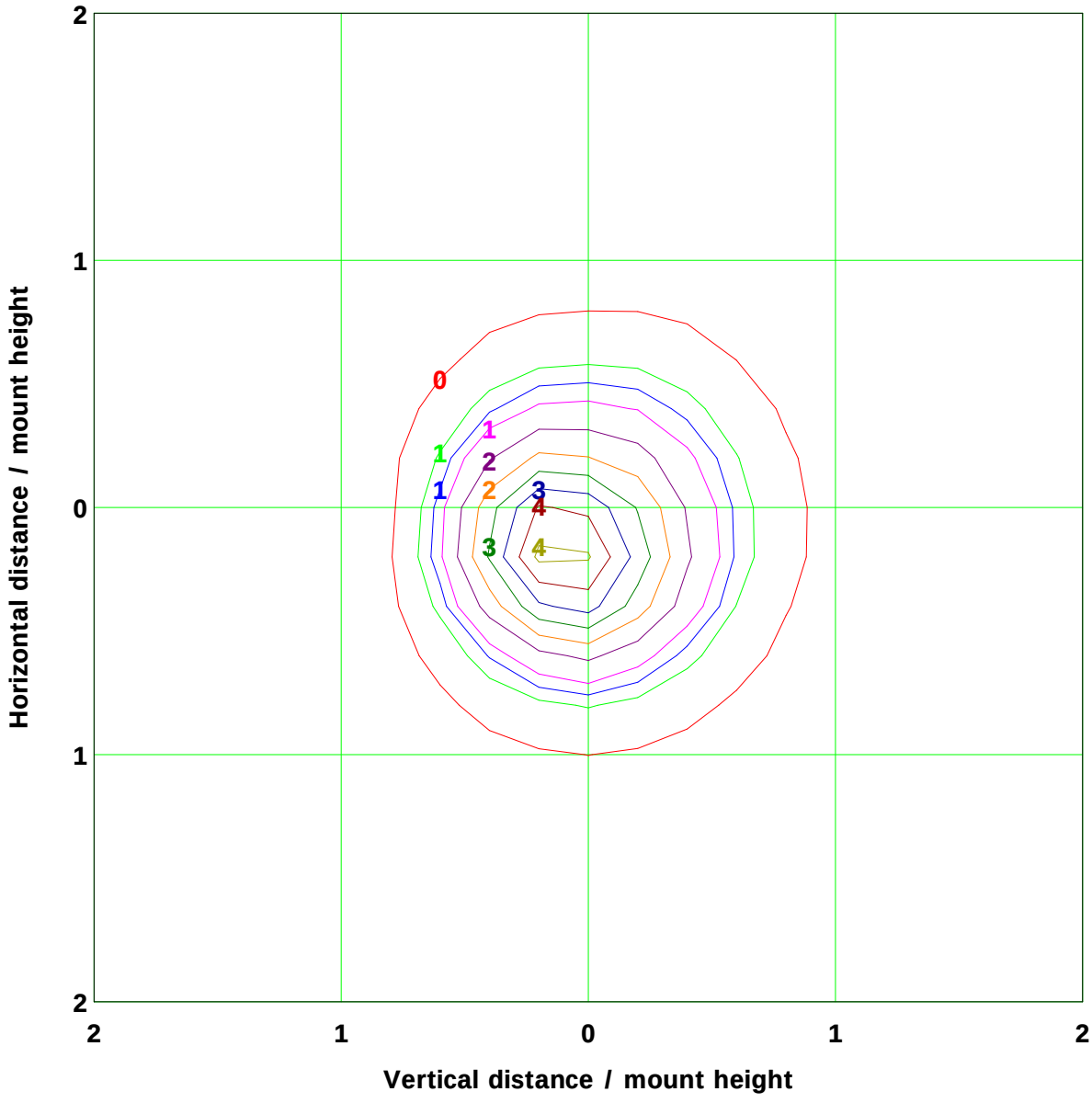
Imax (100%): 126 cd

(10%):	13 cd	(20%):	25 cd
(25%):	32 cd	(30%):	38 cd
(40%):	51 cd	(50%):	63 cd
(60%):	76 cd	(70%):	89 cd
(80%):	101 cd	(90%):	114 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%): 4.7 lx

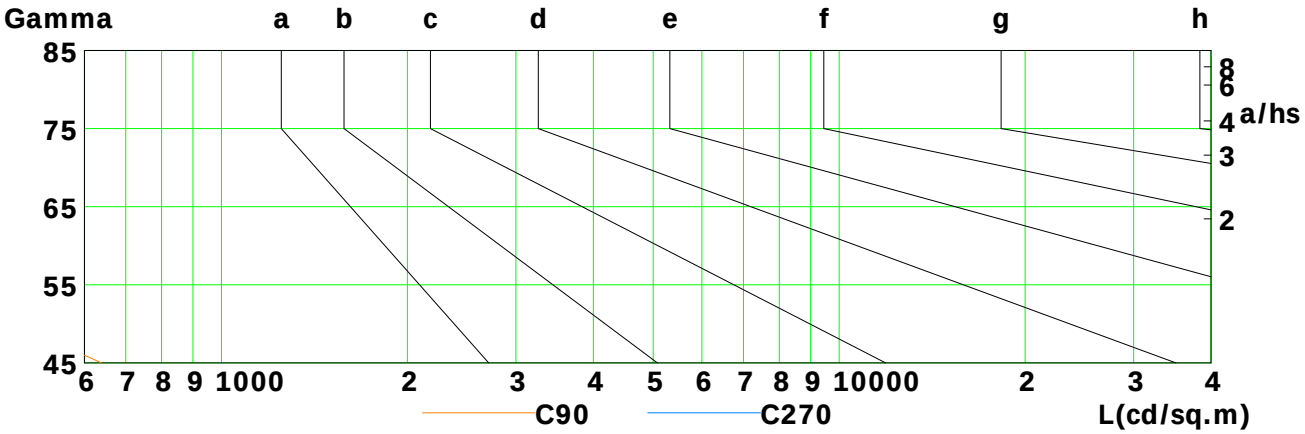
(10%): 0.5 lx	(20%): 0.9 lx
(25%): 1.2 lx	(30%): 1.4 lx
(40%): 1.9 lx	(50%): 2.3 lx
(60%): 2.8 lx	(70%): 3.3 lx
(80%): 3.8 lx	(90%): 4.2 lx

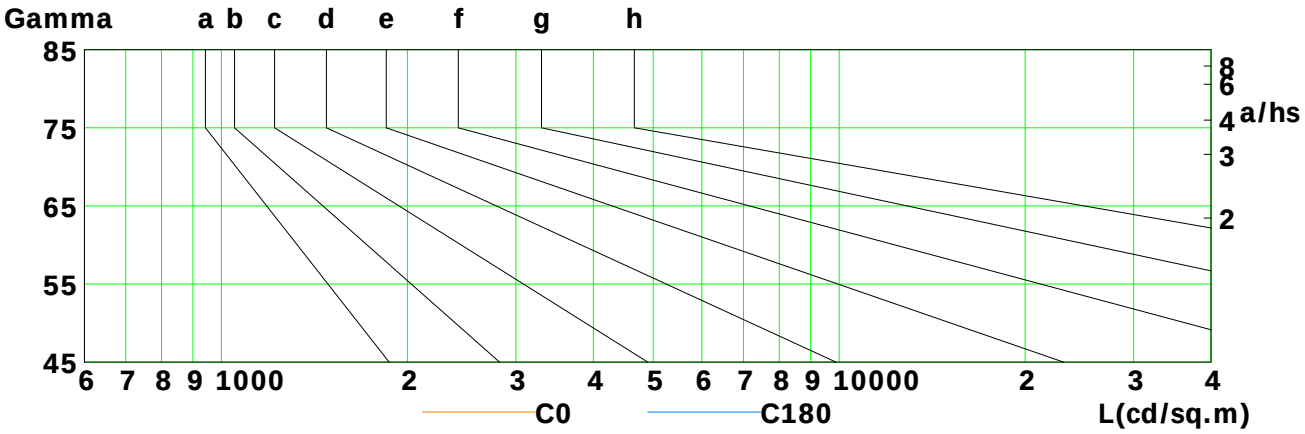
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



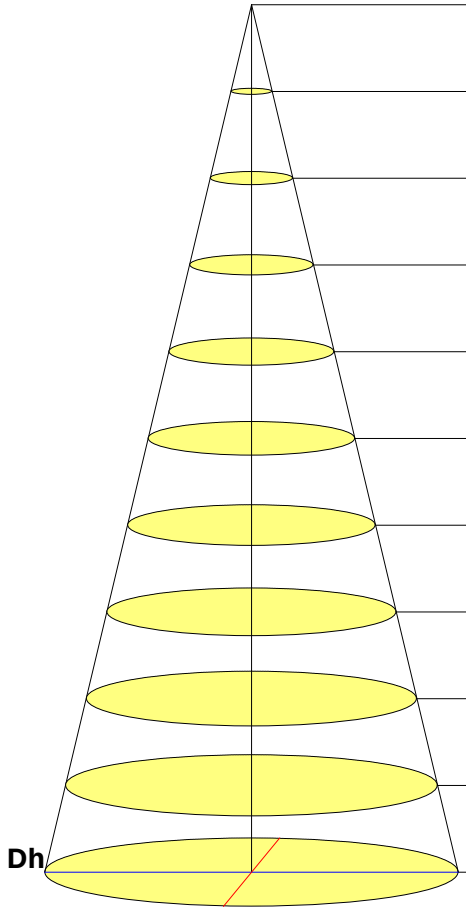


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	555	386	270	189	133	91	58	32	12
C90	640	466	341	248	178	131	87	56	37
C180	283	208	152	111	79	51	29	14	5
C270	355	229	120	27	12	10	7	14	10

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:

Illuminance at a Distance



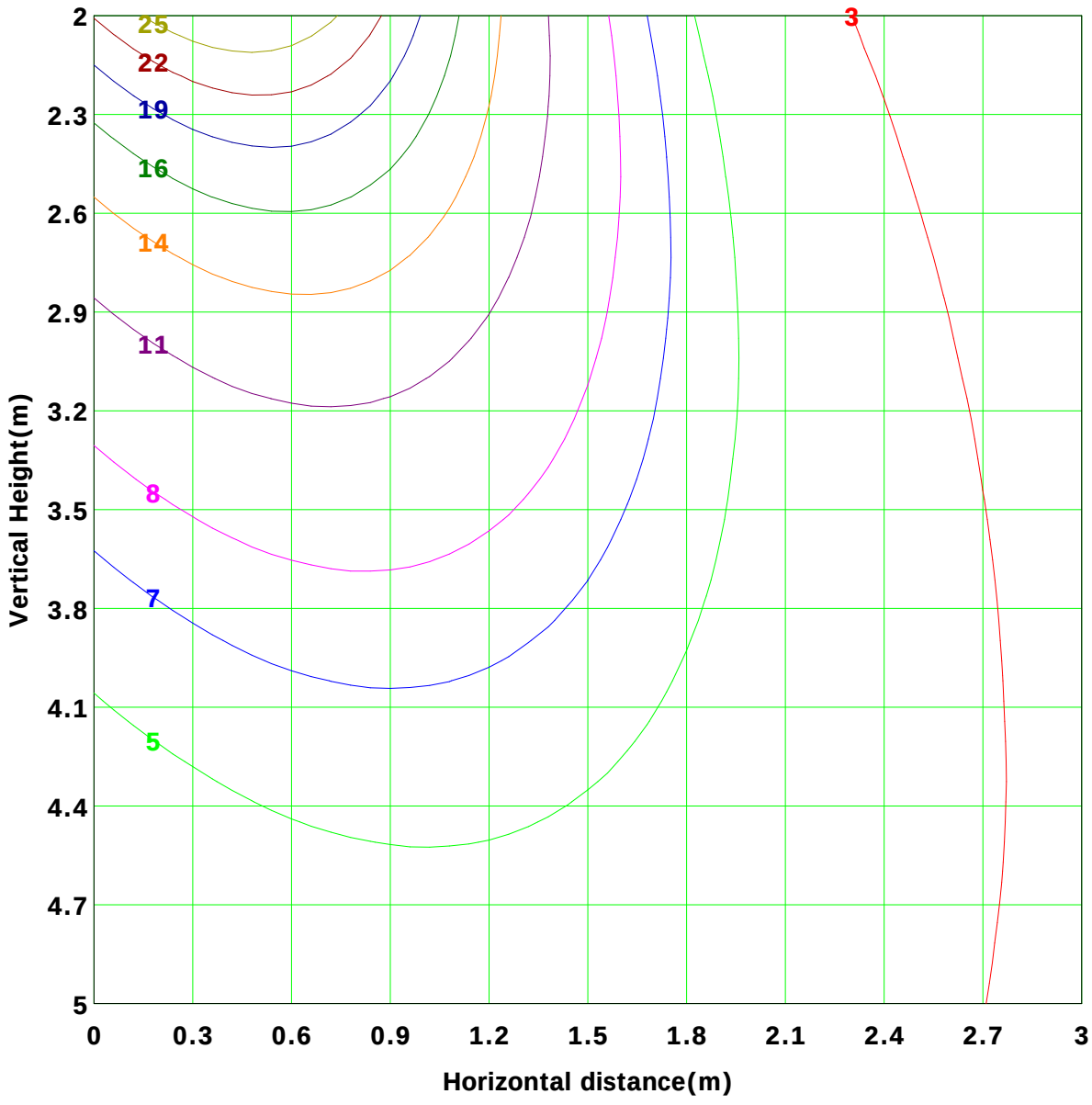
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	88.20	1.17/1.16	1.1	35.54
2.0	22.05	2.33/2.31	4.4	8.89
3.0	9.80	3.50/3.47	10.0	3.95
4.0	5.51	4.66/4.62	17.7	2.22
5.0	3.53	5.83/5.78	27.7	1.42
6.0	2.45	7.00/6.94	39.8	0.99
7.0	1.80	8.16/8.09	54.2	0.73
8.0	1.38	9.33/9.25	70.8	0.56
9.0	1.09	10.49/10.40	89.7	0.44
10.0	0.88	11.66/11.56	110.7	0.36

Beam Angle(B): H60.5 V60.1 Field Angle(F): H116.4 V103.3

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: 27.3 lx

(10%): 2.7 lx	(20%): 5.5 lx
(25%): 6.8 lx	(30%): 8.2 lx
(40%): 10.9 lx	(50%): 13.7 lx
(60%): 16.4 lx	(70%): 19.1 lx
(80%): 21.9 lx	(90%): 24.6 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

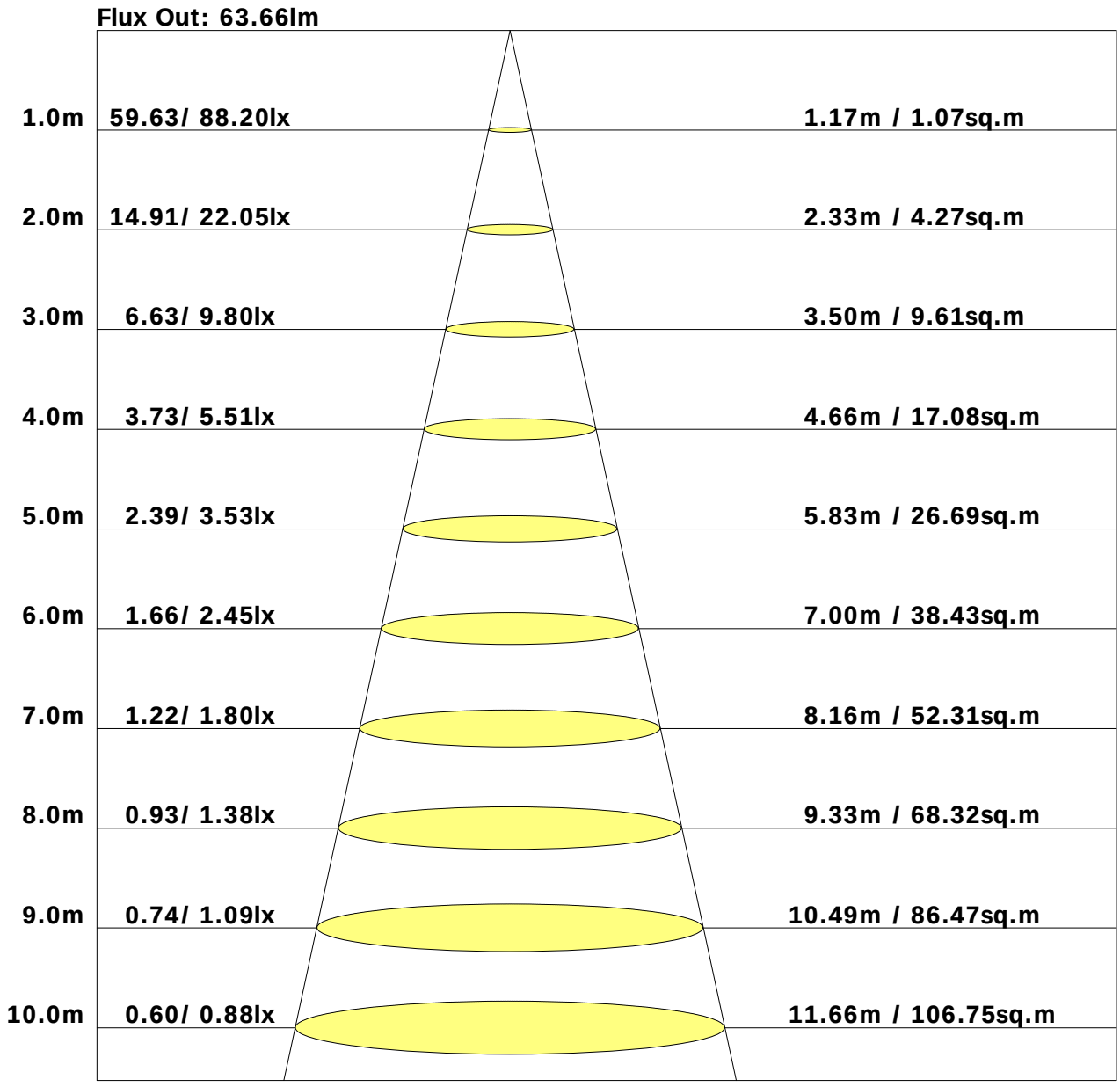
Unit: lm

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.4	0.0
-50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	3.0	0.0
-40	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0	5.5	0.0
-30	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	1.2	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.0	0.0	8.6	0.0
-20	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.2	1.7	1.7	1.2	0.7	0.4	0.3	0.1	0.0	0.0	12.3	0.0
-10	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.0	1.7	2.3	2.5	1.9	1.2	0.6	0.3	0.1	0.0	0.0	16.3	0.0
0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.1	1.9	2.5	3.3	2.4	1.6	0.9	0.4	0.2	0.0	0.0	19.8	0.0
10	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.1	1.9	2.7	3.2	2.2	1.6	0.9	0.4	0.2	0.0	0.0	19.9	0.0
20	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.9	1.5	2.3	2.3	1.6	1.1	0.6	0.3	0.1	0.0	0.0	15.5	0.0
30	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.3	1.9	2.1	1.5	1.0	0.6	0.3	0.1	0.0	0.0	9.4	0.0
40	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.7	1.1	1.5	1.7	1.2	0.8	0.5	0.2	0.1	0.0	0.0	4.8	0.0
50	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.9	1.2	1.4	1.0	0.7	0.4	0.2	0.1	0.0	0.0	2.2	0.0
60	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	0.9	0.6	0.4	0.2	0.1	0.0	0.0	0.9	0.0
70	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	0.8	0.5	0.3	0.2	0.1	0.0	0.0	0.3	0.0
80	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.7	0.5	0.3	0.2	0.1	0.0	0.0	121	
Flux(T)	0.1	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.0	3.4	3.6	3.2	2.7	2.1	1.6	1.1	0.7	0.4		108
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	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



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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:

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	13.3	14.5	13.7	14.9	15.2	10.3	11.5	10.7	11.8	12.2
3H	14.2	15.2	14.6	15.6	16.0	10.8	11.9	11.3	12.3	12.7
4H	14.4	15.4	14.9	15.8	16.3	11.0	12.0	11.4	12.3	12.8
6H	14.6	15.5	15.0	15.9	16.3	11.0	11.9	11.4	12.3	12.8
8H	14.6	15.4	15.0	15.9	16.3	11.0	11.8	11.4	12.3	12.7
12H	14.5	15.4	15.0	15.8	16.3	10.9	11.8	11.4	12.2	12.7
X=4H Y=2H	13.2	14.2	13.7	14.6	15.0	10.6	11.6	11.1	12.0	12.4
3H	14.2	15.0	14.6	15.5	15.9	11.3	12.1	11.8	12.6	13.0
4H	14.5	15.2	14.9	15.7	16.2	11.5	12.2	11.9	12.7	13.2
6H	14.6	15.3	15.1	15.8	16.3	11.5	12.2	12.0	12.7	13.2
8H	14.7	15.2	15.2	15.7	16.2	11.5	12.1	12.0	12.6	13.1
12H	14.6	15.2	15.2	15.7	16.2	11.5	12.0	12.0	12.6	13.1
X=8H Y=4H	14.4	15.0	14.9	15.4	16.0	11.5	12.1	12.1	12.6	13.1
6H	14.5	15.0	15.1	15.6	16.1	11.6	12.1	12.2	12.7	13.2
8H	14.6	15.0	15.1	15.5	16.1	11.7	12.1	12.2	12.6	13.2
12H	14.6	15.0	15.1	15.5	16.1	11.7	12.0	12.2	12.6	13.2
X=12H Y=4H	14.3	14.8	14.8	15.4	15.9	11.5	12.0	12.0	12.6	13.1
6H	14.5	14.9	15.1	15.4	16.0	11.6	12.1	12.2	12.6	13.2
8H	14.5	14.9	15.1	15.4	16.1	11.7	12.0	12.2	12.6	13.2

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 = 1.00				
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	0.73	0.82	0.88	0.91	0.97	1.00	1.03	1.06	1.08
	0.30		0.68	0.76	0.82	0.86	0.92	0.96	0.99	1.03	1.05
	0.20		0.63	0.72	0.78	0.83	0.89	0.93	0.96	1.00	1.03
0.50	0.50	0.20	0.72	0.80	0.85	0.89	0.94	0.97	0.99	1.01	1.03
	0.30		0.67	0.75	0.81	0.85	0.90	0.93	0.96	0.99	1.01
	0.20		0.63	0.71	0.77	0.81	0.87	0.91	0.93	0.97	1.00
0.30	0.50	0.20	0.70	0.78	0.83	0.86	0.91	0.93	0.95	0.98	0.99
	0.30		0.66	0.74	0.79	0.83	0.88	0.91	0.93	0.96	0.98
	0.20		0.62	0.71	0.76	0.80	0.85	0.88	0.91	0.94	0.96
0.00	0.00	0.00	0.60	0.68	0.73	0.77	0.82	0.85	0.87	0.89	0.91

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 = 1.00					
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	0.74	0.59	0.50	0.43	0.34	0.28	0.24	0.18	0.15
	0.30		0.62	0.51	0.43	0.38	0.30	0.25	0.22	0.17	0.14
	0.20		0.53	0.44	0.38	0.34	0.28	0.23	0.20	0.16	0.13
0.50	0.50	0.20	0.70	0.56	0.47	0.40	0.32	0.30	0.22	0.17	0.14
	0.30		0.60	0.49	0.41	0.36	0.29	0.24	0.21	0.16	0.13
	0.20		0.52	0.43	0.37	0.33	0.27	0.22	0.19	0.15	0.13
0.30	0.50	0.20	0.67	0.53	0.44	0.38	0.29	0.24	0.20	0.16	0.13
	0.30		0.58	0.47	0.40	0.34	0.27	0.23	0.19	0.15	0.12
	0.20		0.50	0.42	0.36	0.31	0.25	0.21	0.18	0.14	0.12
0.00	0.00	0.00	0.38	0.30	0.25	0.22	0.17	0.14	0.12	0.09	0.07

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 = 1.00								
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	0.16	0.18	0.19	0.19	0.21	0.21	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

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	92.4	0.1	0.1	0.07	0.07
1.0-2.0	92.4	0.3	0.4	0.22	0.29
2.0-3.0	92.3	0.4	0.8	0.36	0.65
3.0-4.0	92.2	0.6	1.4	0.50	1.15
4.0-5.0	91.9	0.8	2.2	0.64	1.79
5.0-6.0	91.7	1.0	3.2	0.78	2.57
6.0-7.0	91.3	1.1	4.3	0.92	3.49
7.0-8.0	90.9	1.3	5.6	1.06	4.54
8.0-9.0	90.4	1.5	7.1	1.19	5.73
9.0-10.0	89.8	1.6	8.7	1.32	7.05
10.0-11.0	89.2	1.8	10.5	1.45	8.50
11.0-12.0	88.4	1.9	12.4	1.57	10.06
12.0-13.0	87.5	2.1	14.5	1.68	11.75
13.0-14.0	86.5	2.2	16.7	1.80	13.55
14.0-15.0	85.4	2.3	19.0	1.90	15.45
15.0-16.0	84.2	2.5	21.5	2.00	17.45
16.0-17.0	82.9	2.6	24.1	2.09	19.54
17.0-18.0	81.4	2.7	26.8	2.18	21.72
18.0-19.0	79.8	2.8	29.6	2.25	23.97
19.0-20.0	78.2	2.9	32.4	2.32	26.29
20.0-21.0	76.4	2.9	35.3	2.38	28.67
21.0-22.0	74.5	3.0	38.3	2.43	31.10
22.0-23.0	72.4	3.0	41.4	2.47	33.57
23.0-24.0	70.3	3.1	44.5	2.49	36.06
24.0-25.0	68.1	3.1	47.6	2.51	38.57
25.0-26.0	65.8	3.1	50.7	2.52	41.09
26.0-27.0	63.4	3.1	53.8	2.52	43.61
27.0-28.0	61.0	3.1	56.8	2.50	46.11
28.0-29.0	58.5	3.1	59.9	2.48	48.60
29.0-30.0	56.0	3.0	62.9	2.45	51.05
30.0-31.0	53.4	3.0	65.9	2.41	53.46
31.0-32.0	50.8	2.9	68.8	2.36	55.82
32.0-33.0	48.1	2.8	71.6	2.30	58.12
33.0-34.0	45.5	2.8	74.4	2.24	60.35
34.0-35.0	42.9	2.7	77.1	2.16	62.52
35.0-36.0	40.4	2.6	79.6	2.08	64.60

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	37.8	2.5	82.1	2.00	66.60
37.0-38.0	35.3	2.4	84.5	1.91	68.51
38.0-39.0	32.9	2.2	86.7	1.82	70.34
39.0-40.0	30.7	2.1	88.9	1.74	72.07
40.0-41.0	28.6	2.0	90.9	1.65	73.73
41.0-42.0	26.6	1.9	92.8	1.57	75.30
42.0-43.0	24.8	1.8	94.7	1.49	76.79
43.0-44.0	23.1	1.7	96.4	1.42	78.20
44.0-45.0	21.6	1.7	98.1	1.35	79.55
45.0-46.0	20.2	1.6	99.6	1.28	80.83
46.0-47.0	18.8	1.5	101.1	1.21	82.04
47.0-48.0	17.5	1.4	102.6	1.15	83.19
48.0-49.0	16.3	1.3	103.9	1.09	84.28
49.0-50.0	15.1	1.3	105.2	1.02	85.30
50.0-51.0	14.0	1.2	106.3	0.96	86.26
51.0-52.0	13.0	1.1	107.5	0.91	87.17
52.0-53.0	12.0	1.0	108.5	0.85	88.02
53.0-54.0	11.1	1.0	109.5	0.80	88.82
54.0-55.0	10.3	0.9	110.4	0.74	89.56
55.0-56.0	9.5	0.9	111.3	0.69	90.25
56.0-57.0	8.7	0.8	112.1	0.64	90.90
57.0-58.0	8.0	0.7	112.8	0.60	91.49
58.0-59.0	7.3	0.7	113.5	0.55	92.05
59.0-60.0	6.7	0.6	114.1	0.52	92.56
60.0-61.0	6.2	0.6	114.7	0.48	93.04
61.0-62.0	5.7	0.5	115.2	0.44	93.48
62.0-63.0	5.2	0.5	115.7	0.41	93.89
63.0-64.0	4.7	0.5	116.2	0.38	94.27
64.0-65.0	4.4	0.4	116.6	0.35	94.62
65.0-66.0	4.0	0.4	117.1	0.33	94.95
66.0-67.0	3.7	0.4	117.4	0.30	95.25
67.0-68.0	3.4	0.3	117.8	0.28	95.53
68.0-69.0	3.1	0.3	118.1	0.26	95.79
69.0-70.0	2.8	0.3	118.4	0.24	96.03
70.0-71.0	2.6	0.3	118.7	0.22	96.24
71.0-72.0	2.4	0.2	118.9	0.20	96.44

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	2.1	0.2	119.1	0.18	96.62
73.0-74.0	1.9	0.2	119.3	0.16	96.79
74.0-75.0	1.7	0.2	119.5	0.15	96.93
75.0-76.0	1.5	0.2	119.7	0.13	97.06
76.0-77.0	1.4	0.1	119.8	0.12	97.18
77.0-78.0	1.2	0.1	119.9	0.11	97.29
78.0-79.0	1.1	0.1	120.1	0.09	97.39
79.0-80.0	1.0	0.1	120.2	0.08	97.47
80.0-81.0	0.8	0.1	120.3	0.07	97.54
81.0-82.0	0.7	0.1	120.3	0.06	97.61
82.0-83.0	0.6	0.1	120.4	0.06	97.67
83.0-84.0	0.6	0.1	120.5	0.05	97.71
84.0-85.0	0.5	0.1	120.5	0.04	97.76
85.0-86.0	0.4	0.0	120.6	0.04	97.80
86.0-87.0	0.4	0.0	120.6	0.04	97.83
87.0-88.0	0.4	0.0	120.7	0.03	97.87
88.0-89.0	0.3	0.0	120.7	0.03	97.89
89.0-90.0	0.3	0.0	120.7	0.03	97.92
90.0-91.0	0.3	0.0	120.8	0.03	97.95
91.0-92.0	0.3	0.0	120.8	0.03	97.98
92.0-93.0	0.3	0.0	120.8	0.03	98.01
93.0-94.0	0.3	0.0	120.9	0.03	98.03
94.0-95.0	0.3	0.0	120.9	0.03	98.06
95.0-96.0	0.3	0.0	120.9	0.03	98.09
96.0-97.0	0.3	0.0	121.0	0.03	98.11
97.0-98.0	0.3	0.0	121.0	0.03	98.14
98.0-99.0	0.3	0.0	121.0	0.02	98.16
99.0-100.0	0.3	0.0	121.0	0.02	98.19
100.0-101.0	0.3	0.0	121.1	0.02	98.21
101.0-102.0	0.3	0.0	121.1	0.02	98.24
102.0-103.0	0.3	0.0	121.1	0.02	98.26
103.0-104.0	0.3	0.0	121.2	0.02	98.28
104.0-105.0	0.3	0.0	121.2	0.02	98.31
105.0-106.0	0.3	0.0	121.2	0.02	98.33
106.0-107.0	0.3	0.0	121.2	0.02	98.35
107.0-108.0	0.3	0.0	121.3	0.02	98.37

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 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	121.3	0.02	98.40
109.0-110.0	0.3	0.0	121.3	0.02	98.42
110.0-111.0	0.3	0.0	121.4	0.02	98.44
111.0-112.0	0.3	0.0	121.4	0.02	98.47
112.0-113.0	0.3	0.0	121.4	0.02	98.49
113.0-114.0	0.3	0.0	121.5	0.03	98.52
114.0-115.0	0.3	0.0	121.5	0.02	98.54
115.0-116.0	0.3	0.0	121.5	0.02	98.57
116.0-117.0	0.3	0.0	121.5	0.02	98.59
117.0-118.0	0.3	0.0	121.6	0.03	98.62
118.0-119.0	0.3	0.0	121.6	0.03	98.64
119.0-120.0	0.3	0.0	121.6	0.03	98.67
120.0-121.0	0.3	0.0	121.7	0.03	98.69
121.0-122.0	0.3	0.0	121.7	0.03	98.72
122.0-123.0	0.4	0.0	121.7	0.03	98.74
123.0-124.0	0.4	0.0	121.8	0.03	98.77
124.0-125.0	0.4	0.0	121.8	0.03	98.80
125.0-126.0	0.4	0.0	121.8	0.03	98.83
126.0-127.0	0.4	0.0	121.9	0.03	98.85
127.0-128.0	0.4	0.0	121.9	0.03	98.88
128.0-129.0	0.4	0.0	121.9	0.03	98.91
129.0-130.0	0.4	0.0	122.0	0.03	98.94
130.0-131.0	0.4	0.0	122.0	0.03	98.97
131.0-132.0	0.4	0.0	122.0	0.03	99.00
132.0-133.0	0.4	0.0	122.1	0.03	99.03
133.0-134.0	0.4	0.0	122.1	0.03	99.05
134.0-135.0	0.4	0.0	122.1	0.03	99.08
135.0-136.0	0.5	0.0	122.2	0.03	99.11
136.0-137.0	0.5	0.0	122.2	0.03	99.14
137.0-138.0	0.5	0.0	122.3	0.03	99.17
138.0-139.0	0.5	0.0	122.3	0.03	99.20
139.0-140.0	0.5	0.0	122.3	0.03	99.23
140.0-141.0	0.5	0.0	122.4	0.03	99.26
141.0-142.0	0.5	0.0	122.4	0.03	99.29
142.0-143.0	0.5	0.0	122.4	0.03	99.32
143.0-144.0	0.5	0.0	122.5	0.03	99.35

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	0.6	0.0	122.5	0.03	99.37
145.0-146.0	0.6	0.0	122.5	0.03	99.40
146.0-147.0	0.6	0.0	122.6	0.03	99.43
147.0-148.0	0.6	0.0	122.6	0.03	99.46
148.0-149.0	0.6	0.0	122.7	0.03	99.49
149.0-150.0	0.6	0.0	122.7	0.03	99.52
150.0-151.0	0.6	0.0	122.7	0.03	99.54
151.0-152.0	0.6	0.0	122.8	0.03	99.57
152.0-153.0	0.6	0.0	122.8	0.03	99.60
153.0-154.0	0.7	0.0	122.8	0.03	99.62
154.0-155.0	0.7	0.0	122.9	0.03	99.65
155.0-156.0	0.7	0.0	122.9	0.03	99.68
156.0-157.0	0.7	0.0	122.9	0.02	99.70
157.0-158.0	0.7	0.0	122.9	0.02	99.72
158.0-159.0	0.7	0.0	123.0	0.02	99.75
159.0-160.0	0.7	0.0	123.0	0.02	99.77
160.0-161.0	0.7	0.0	123.0	0.02	99.79
161.0-162.0	0.7	0.0	123.0	0.02	99.81
162.0-163.0	0.7	0.0	123.1	0.02	99.83
163.0-164.0	0.7	0.0	123.1	0.02	99.85
164.0-165.0	0.7	0.0	123.1	0.02	99.86
165.0-166.0	0.7	0.0	123.1	0.02	99.88
166.0-167.0	0.8	0.0	123.2	0.02	99.90
167.0-168.0	0.8	0.0	123.2	0.01	99.91
168.0-169.0	0.8	0.0	123.2	0.01	99.93
169.0-170.0	0.8	0.0	123.2	0.01	99.94
170.0-171.0	0.8	0.0	123.2	0.01	99.95
171.0-172.0	0.8	0.0	123.2	0.01	99.96
172.0-173.0	0.8	0.0	123.2	0.01	99.97
173.0-174.0	0.8	0.0	123.3	0.01	99.98
174.0-175.0	0.8	0.0	123.3	0.01	99.98
175.0-176.0	0.8	0.0	123.3	0.01	99.99
176.0-177.0	0.8	0.0	123.3	0.00	99.99
177.0-178.0	0.8	0.0	123.3	0.00	100.00
178.0-179.0	0.8	0.0	123.3	0.00	100.00
179.0-180.0	0.8	0.0	123.3	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: