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

Report No.: **Test Time: 2023/4/23 10:26**

Luminaire Property

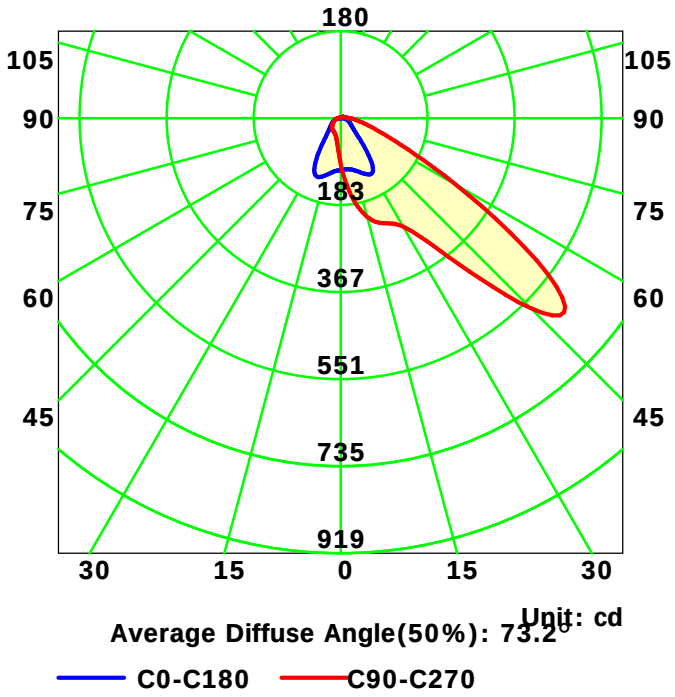
Luminaire Manufacturer: ACOLYTE
Luminaire Category: RIBBONLYTE
Luminaire Description: RB90SWX675.835A45
Lamp Catalog: 3500k **Luminous Length (mm): 320**
Luminous Width (mm): 20.5 **Luminous Height (mm): 14**
Voltage: 24.0 V **Current: 0.257 A**
Power: 6.17 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 486.9 lm**
Measurement Flux: 486.9 lm **Efficiency: 100%**
Downward Ratio: 96% **Upward Ratio: 4%**
Horizontal Diffuse Angle(10%,50%): H151.4,H77.1
Vertical Diffuse Angle(10%,50%): V153.5,V69.3
Luminaire Efficacy Rating (LER): 79 **Central Intensity: 109.64 cd**
Max. Intensity: 625.1 cd **Pos of Max. Intensity: H90 V49**

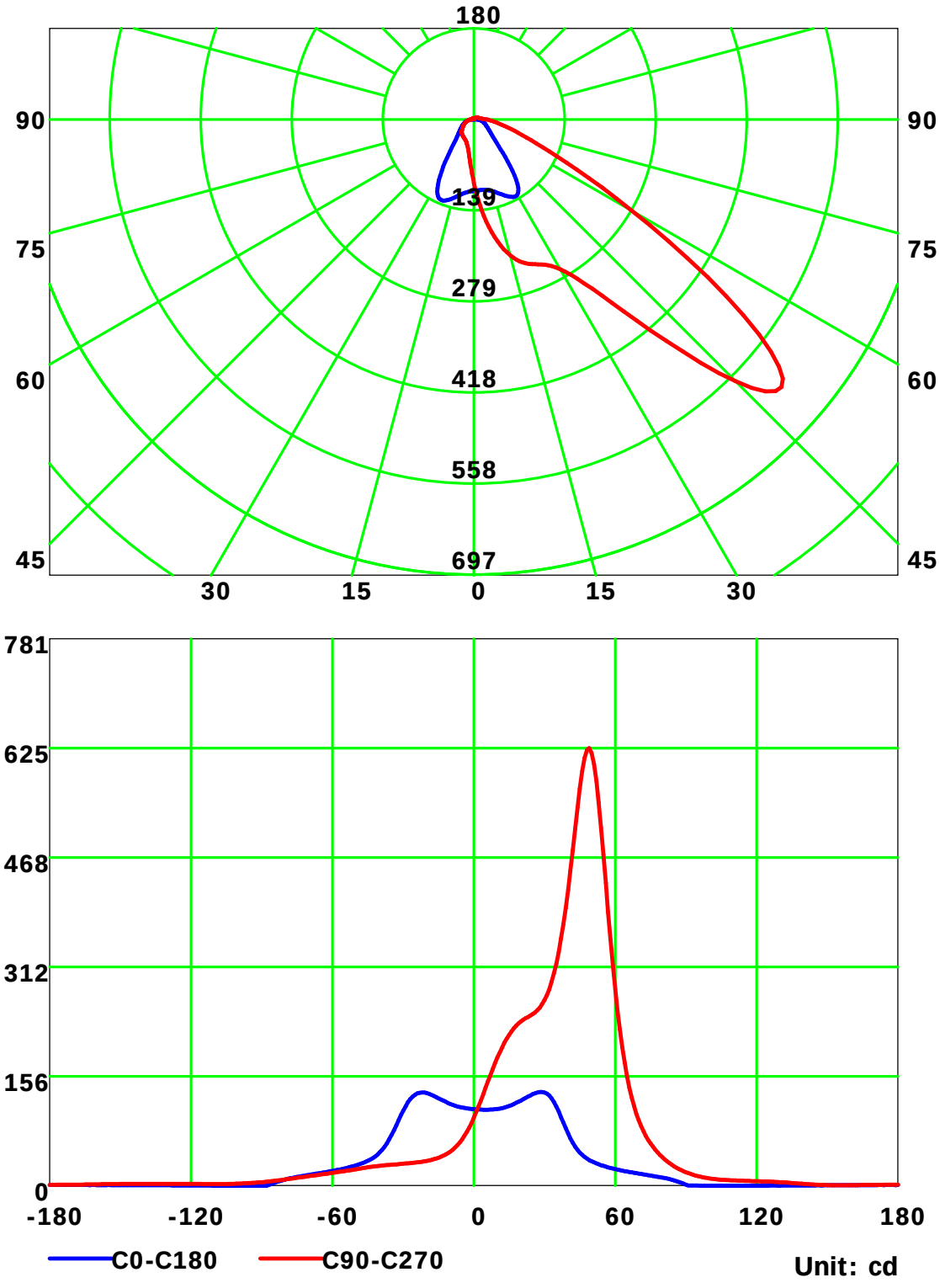
Picture Of Luminaire

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:**

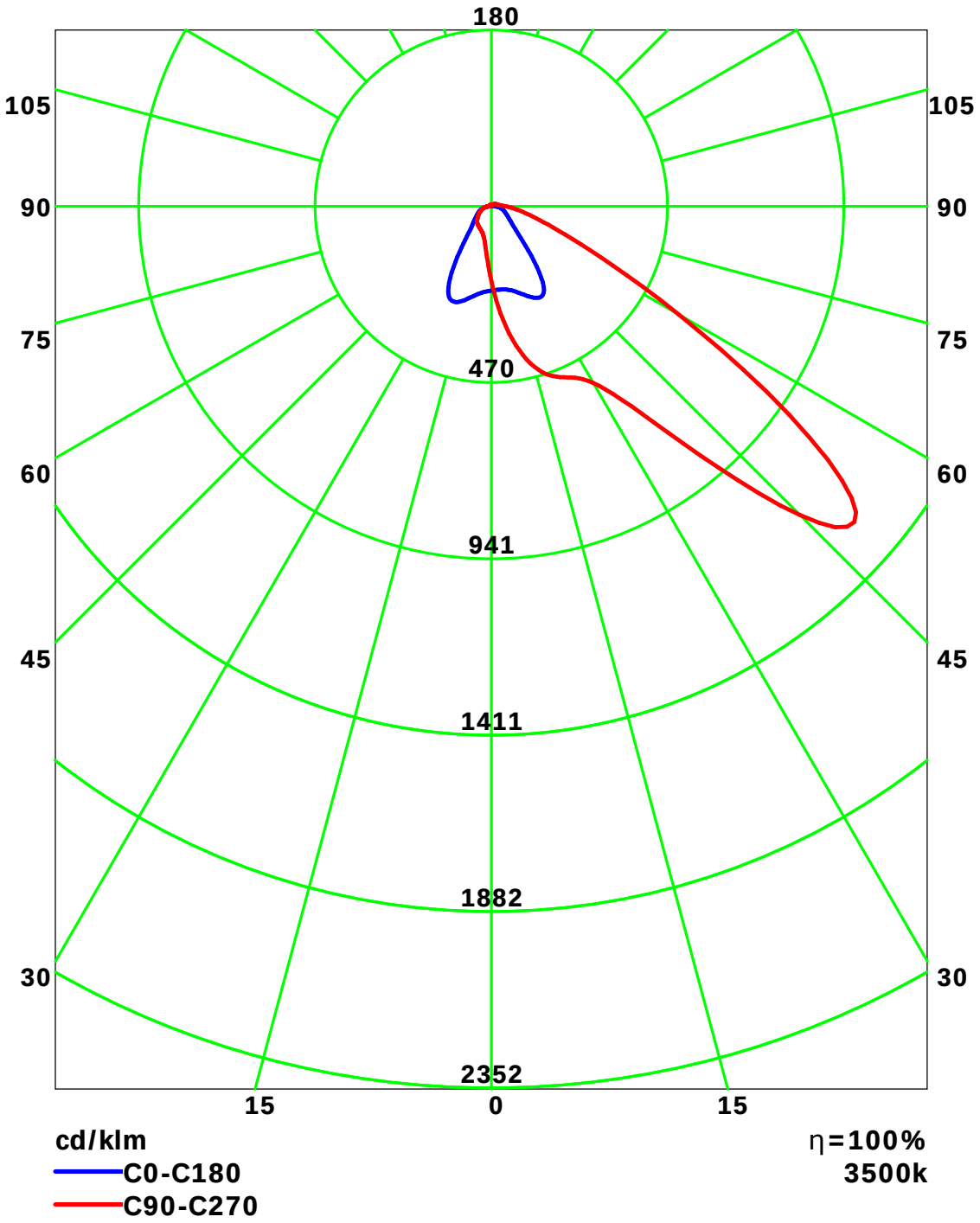
Luminous Intensity Distribution Curve



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

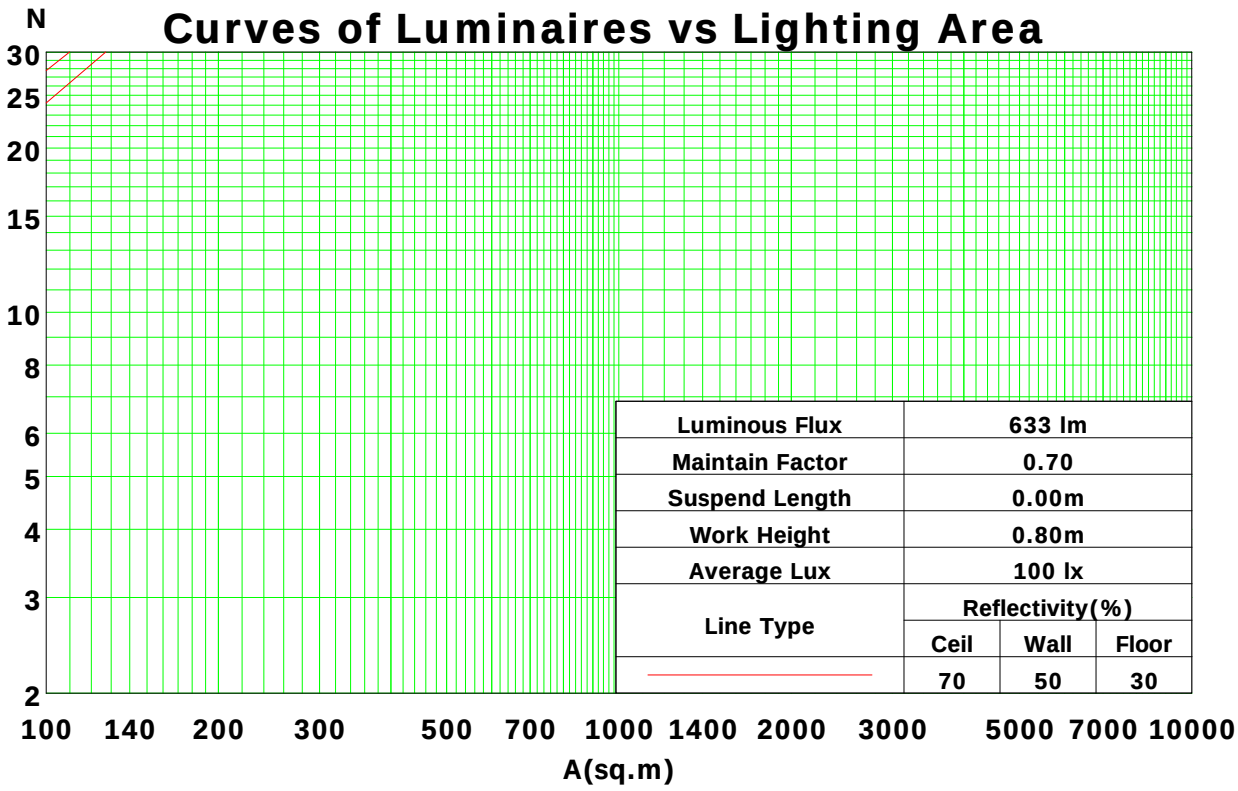
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	108	103	99	95	105	101	97	93	96	93	90	91	89	86	87	85	83	81
2	98	90	84	78	96	88	82	77	84	79	75	80	76	72	77	73	70	68
3	90	79	71	65	87	78	70	64	74	68	63	71	66	61	68	63	60	57
4	82	70	62	55	80	69	61	54	66	59	53	63	57	52	60	55	51	49
5	75	62	54	47	73	61	53	47	59	51	46	56	50	45	54	48	44	42
6	69	56	47	41	67	55	46	40	53	45	40	51	44	39	49	43	38	36
7	64	50	42	35	62	49	41	35	48	40	35	46	39	34	44	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	40	34	30	28
9	55	42	33	28	54	41	33	28	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	37	30	25	36	29	24	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.37
Spacing Criteria (90-270): 2.83
Spacing Criteria (Diagonal): 1.69

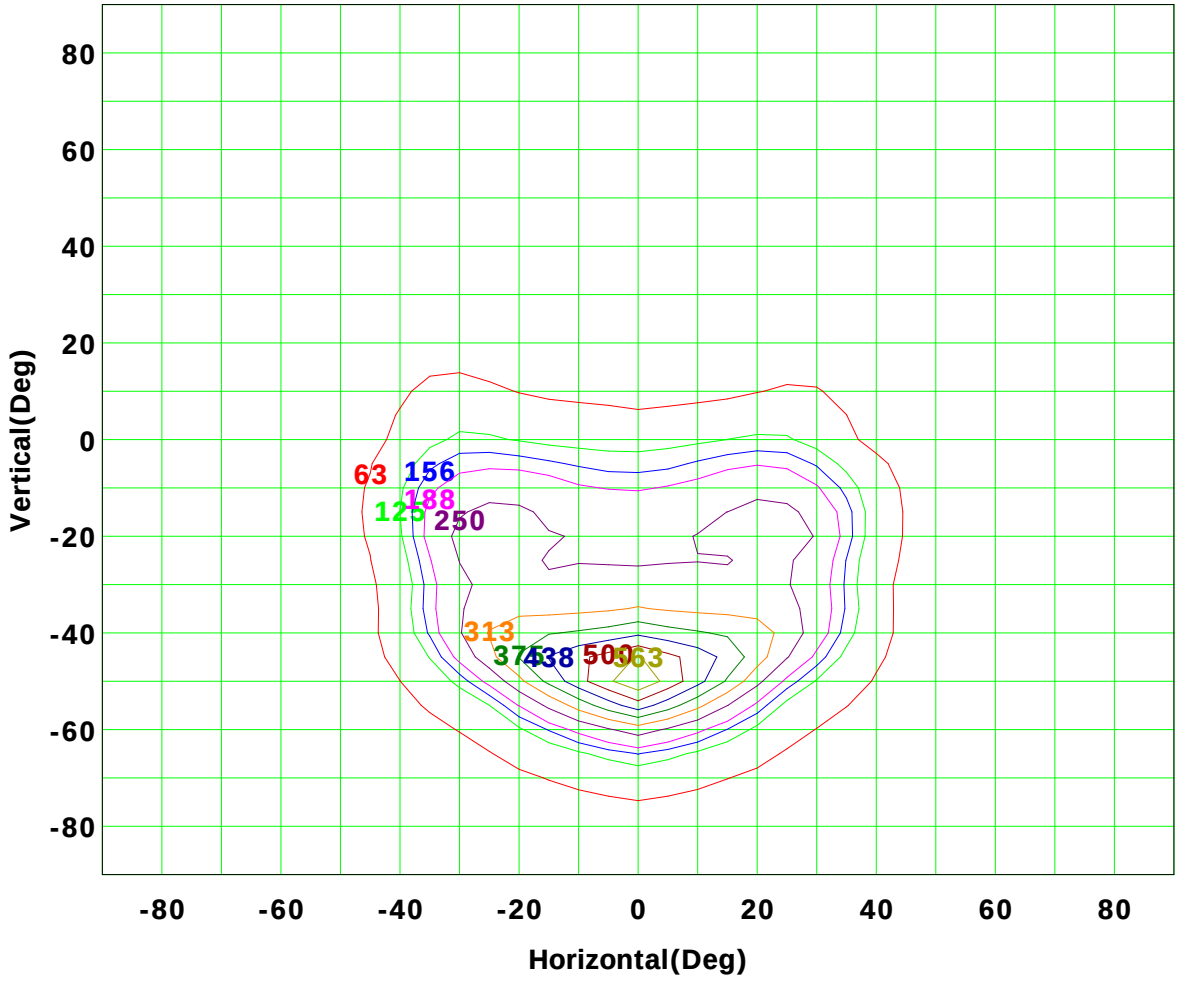
Curves of Luminaires vs Lighting Area



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)



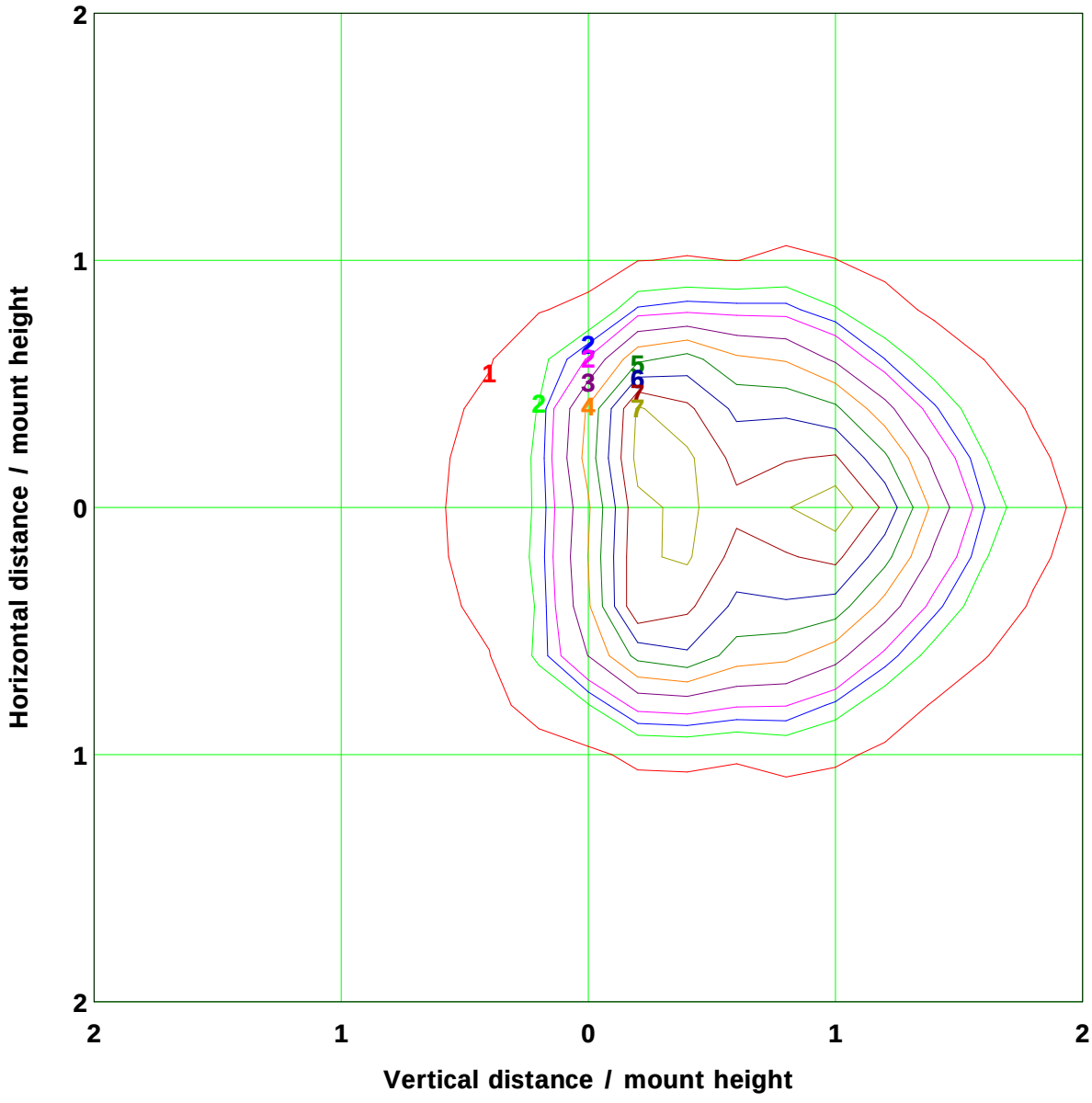
Imax (100%): 625 cd

(10%): 63 cd	(20%): 125 cd
(25%): 156 cd	(30%): 188 cd
(40%): 250 cd	(50%): 313 cd
(60%): 375 cd	(70%): 438 cd
(80%): 500 cd	(90%): 563 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%): 8.3 lx

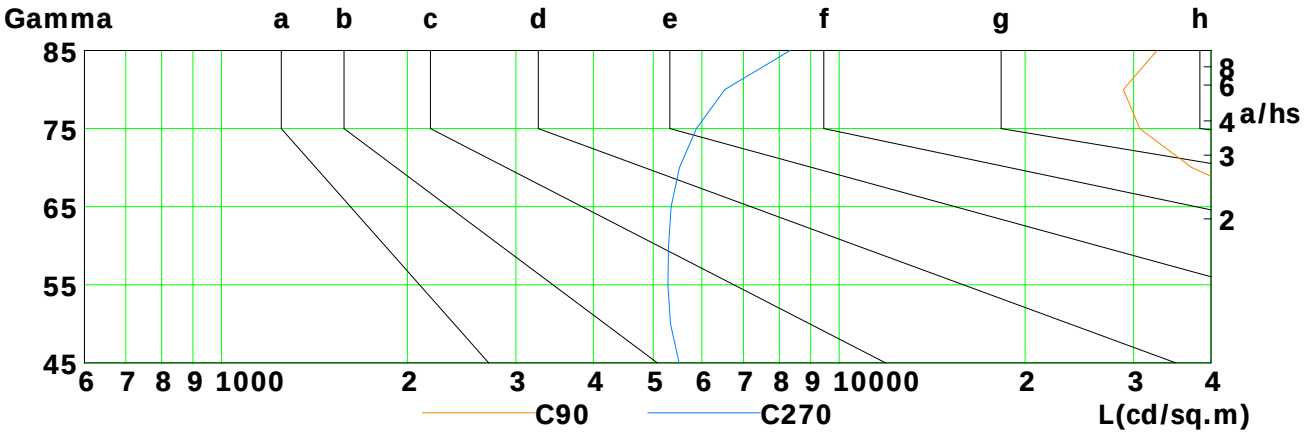
(10%): 0.8 lx	(20%): 1.7 lx
(25%): 2.1 lx	(30%): 2.5 lx
(40%): 3.3 lx	(50%): 4.1 lx
(60%): 5.0 lx	(70%): 5.8 lx
(80%): 6.6 lx	(90%): 7.5 lx

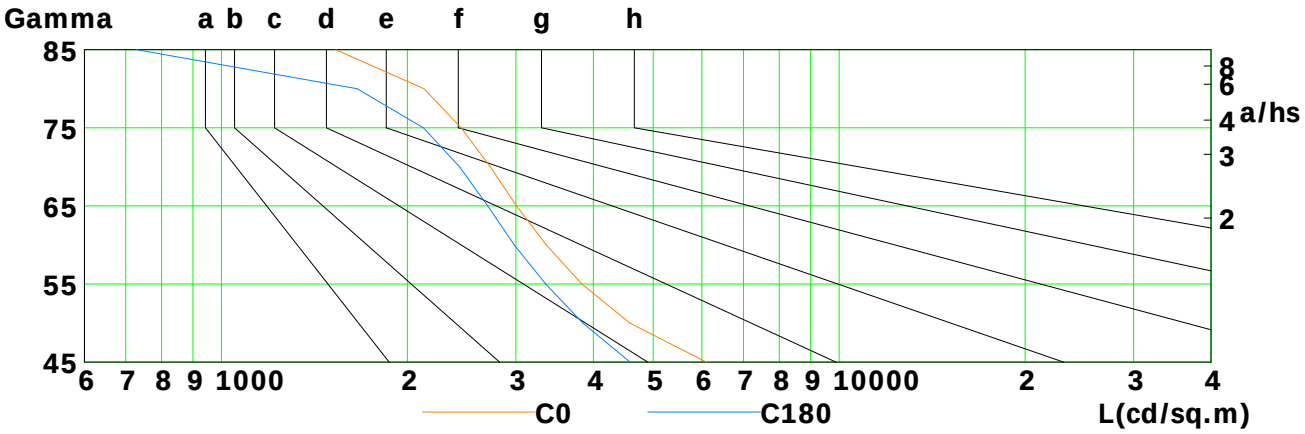
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



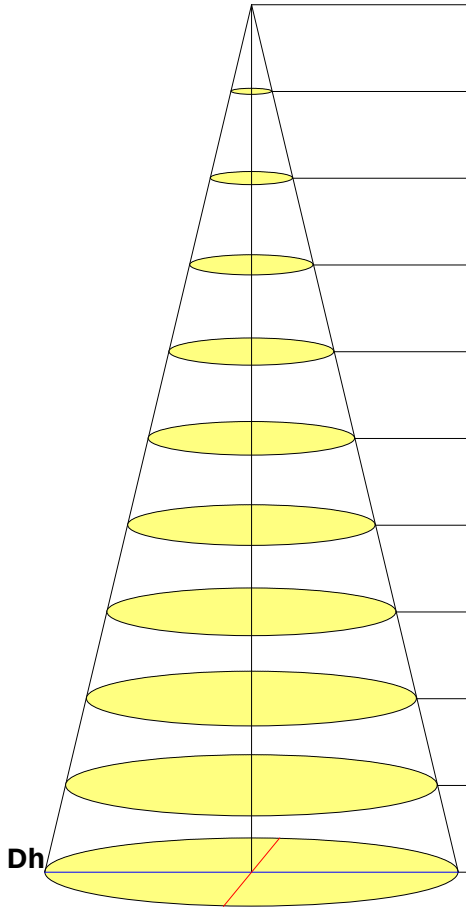


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6098	4586	3835	3356	3006	2726	2445	2129	1531
C90	117227	139406	118236	79591	51971	37273	30667	28851	32729
C180	4590	3849	3350	2982	2700	2431	2123	1659	729
C270	5509	5337	5283	5297	5349	5519	5878	6534	8337

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



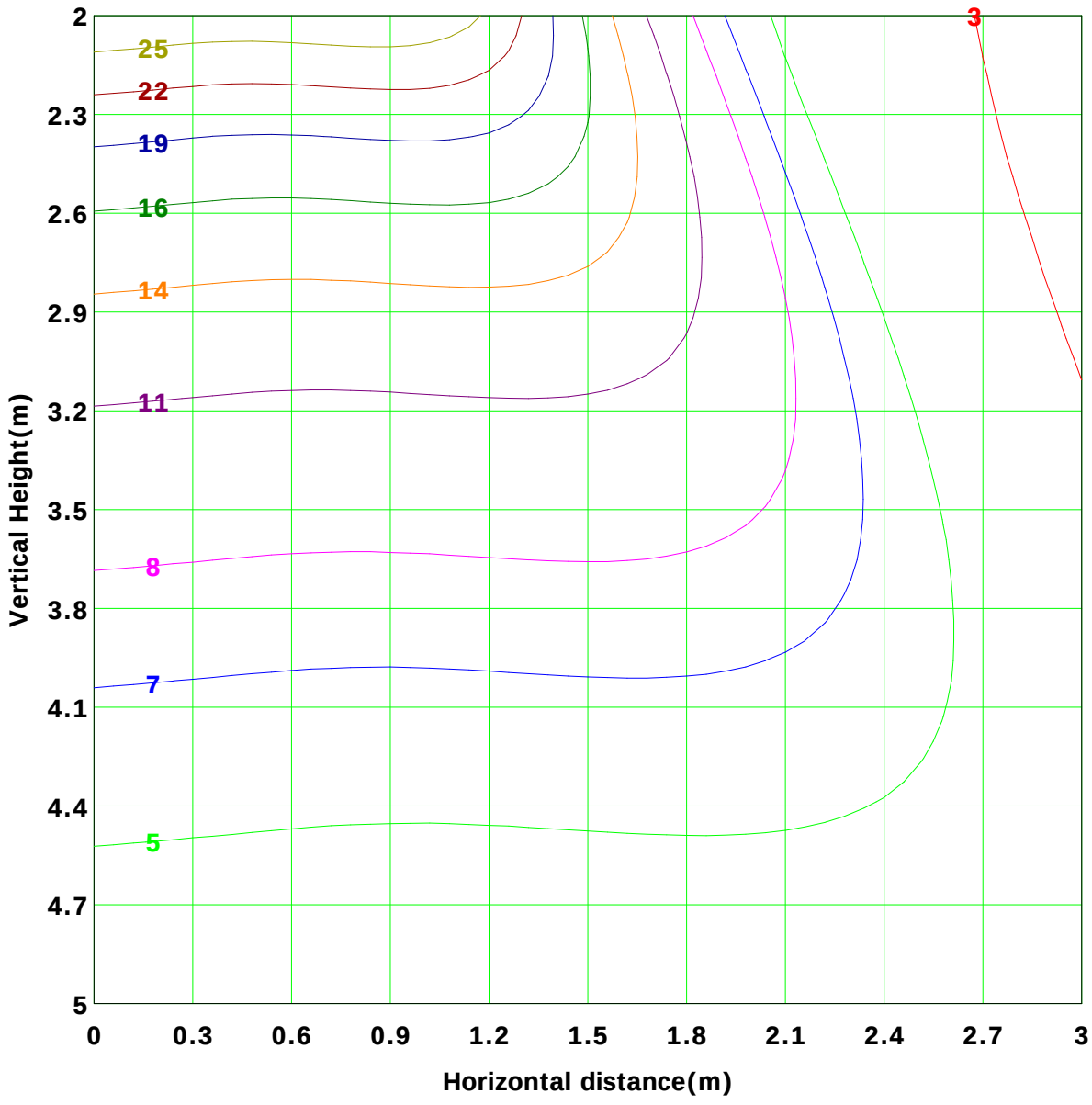
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	109.64	1.59/1.38	2.6	64.79
2.0	27.41	3.18/2.76	10.6	16.20
3.0	12.18	4.78/4.14	23.8	7.20
4.0	6.85	6.37/5.53	42.3	4.05
5.0	4.39	7.96/6.91	66.1	2.59
6.0	3.05	9.55/8.29	95.2	1.80
7.0	2.24	11.15/9.67	129.6	1.32
8.0	1.71	12.74/11.05	169.3	1.01
9.0	1.35	14.33/12.43	214.3	0.80
10.0	1.10	15.92/13.82	264.6	0.65

Beam Angle(B): H77.1 V69.3 Field Angle(F): H151.4 V153.5

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: 27.4 lx

(10%): 2.7 lx	(20%): 5.5 lx
(25%): 6.9 lx	(30%): 8.2 lx
(40%): 11.0 lx	(50%): 13.7 lx
(60%): 16.4 lx	(70%): 19.2 lx
(80%): 21.9 lx	(90%): 24.7 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:

Area Flux Table

Unit: lm

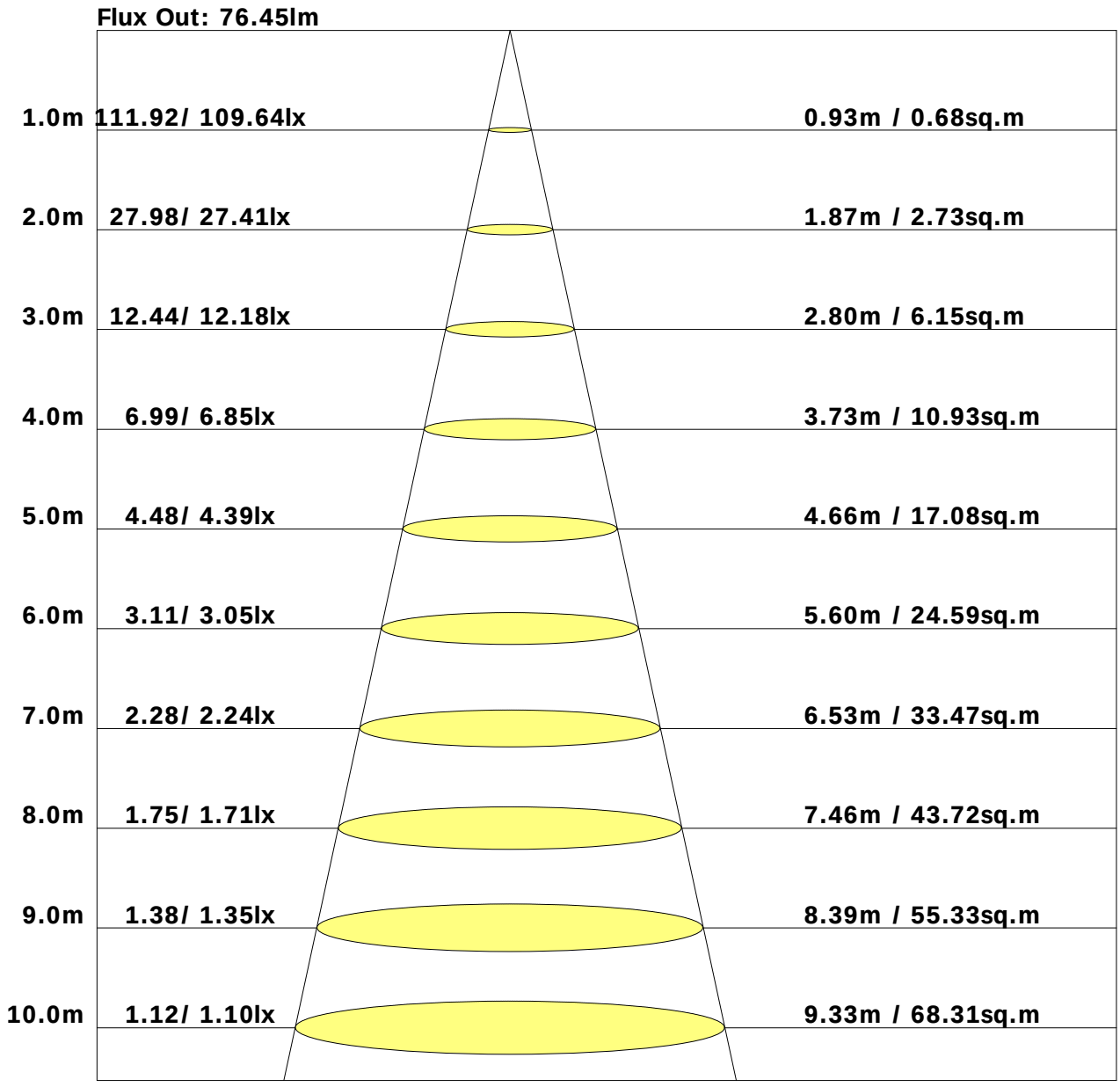
Vertical plane	Flux(E)	Flux(T)	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-90	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	1.4	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-70	0.0	3.4	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-60	0.0	6.3	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-50	2.1	11.9	0.3	0.4	0.4	0.6	0.8	1.1	1.2	1.3	1.3	1.1	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1
-40	19.5	27.3	0.4	0.7	0.7	1.0	1.6	2.9	3.8	4.0	4.1	2.8	1.6	1.1	0.8	0.7	0.6	0.4	0.3	0.2	0.2
-30	40.0	47.5	0.6	0.9	1.7	3.5	6.9	7.4	7.0	6.9	4.8	2.7	1.3	1.0	0.8	0.7	0.5	0.4	0.3	0.2	0.2
-20	53.0	60.9	0.7	1.3	3.0	7.5	11.7	8.8	7.4	7.3	5.1	2.5	1.3	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.2
-10	62.5	70.7	0.8	1.7	4.4	12.1	15.2	9.5	7.6	6.7	4.5	2.2	1.3	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.2
0	62.6	70.7	0.8	1.7	4.5	12.3	15.4	9.5	7.5	6.6	4.4	2.2	1.3	1.0	0.9	0.8	0.6	0.5	0.4	0.2	0.2
10	53.3	61.3	0.7	1.4	3.0	7.9	12.3	8.8	7.4	7.0	4.8	2.4	1.3	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.2
20	42.4	49.9	0.6	1.0	1.7	3.8	7.7	7.8	7.2	7.0	4.9	2.8	1.4	1.0	0.8	0.7	0.6	0.4	0.3	0.2	0.2
30	24.5	31.5	0.4	0.7	1.0	1.8	3.3	4.3	4.6	4.8	3.6	2.3	1.4	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2
40	3.8	13.3	0.3	0.4	0.6	0.8	1.1	1.2	1.4	1.6	1.4	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1
50	0.0	6.7	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
60	0.0	3.7	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
70	0.0	1.7	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
80	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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)	469	6.4	11.3	22.8	16.5	53.7	79.2	64.1	57.3	55.4	39.1	22.2	10.4	9.0	7.6	6.2	4.9	3.6	2.3	0.0
Flux(E)	364		0.0	1.8	16.5	49.3	75.9	60.8	54.1	52.4	35.8	16.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Horizontal plane: -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90

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



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:

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	17.4	18.9	17.8	19.3	19.7	30.0	31.5	30.4	31.9	32.3
3H	19.3	20.7	19.7	21.1	21.5	30.5	31.9	31.0	32.3	32.8
4H	20.2	21.5	20.7	21.9	22.4	30.7	32.0	31.2	32.5	32.9
6H	21.1	22.3	21.6	22.8	23.2	30.9	32.1	31.3	32.5	33.0
8H	21.5	22.7	22.0	23.1	23.6	30.9	32.1	31.4	32.5	33.0
12H	21.9	23.0	22.4	23.5	24.0	30.9	32.1	31.4	32.5	33.0
X=4H Y=2H	18.5	19.8	19.0	20.3	20.7	29.9	31.2	30.3	31.6	32.1
3H	20.4	21.5	20.9	22.0	22.4	30.5	31.6	31.0	32.1	32.6
4H	21.3	22.3	21.8	22.8	23.3	30.7	31.7	31.2	32.2	32.7
6H	22.3	23.2	22.8	23.7	24.2	31.0	31.8	31.5	32.3	32.9
8H	22.8	23.6	23.3	24.1	24.6	31.1	31.9	31.6	32.4	32.9
12H	23.2	23.9	23.8	24.5	25.0	31.1	31.9	31.7	32.4	33.0
X=8H Y=4H	21.8	22.6	22.3	23.1	23.7	30.7	31.5	31.2	32.0	32.6
6H	22.8	23.5	23.4	24.1	24.6	30.9	31.6	31.5	32.2	32.7
8H	23.4	24.0	23.9	24.6	25.1	31.1	31.7	31.6	32.3	32.8
12H	23.9	24.5	24.5	25.0	25.7	31.2	31.8	31.8	32.3	33.0
X=12H Y=4H	21.9	22.6	22.4	23.1	23.7	30.7	31.4	31.2	31.9	32.5
6H	23.0	23.6	23.5	24.1	24.7	30.9	31.6	31.5	32.1	32.7
8H	23.6	24.1	24.1	24.7	25.3	31.1	31.6	31.6	32.2	32.8

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 = 1.75
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	NA	0.71	0.78	0.83	0.89	0.94	0.97	1.01	1.03	
	0.30		NA	0.64	0.71	0.76	0.84	0.89	0.92	0.97	1.00	
	0.20		NA	0.59	0.66	0.72	0.79	0.84	0.88	0.94	0.97	
0.50	0.50	0.20	NA	0.69	0.75	0.80	0.86	0.90	0.92	0.96	0.98	
	0.30		NA	0.63	0.69	0.74	0.81	0.86	0.89	0.93	0.96	
	0.20		NA	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93	
0.30	0.50	0.20	NA	0.66	0.72	0.77	0.82	0.86	0.88	0.92	0.94	
	0.30		NA	0.61	0.68	0.72	0.79	0.83	0.85	0.89	0.92	
	0.20		NA	0.57	0.64	0.69	0.75	0.80	0.83	0.87	0.90	
0.00	0.00	0.00	NA	0.54	0.60	0.65	0.71	0.75	0.78	0.82	0.84	

Rating:6W 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 = 1.75				
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	NA	0.74	0.63	0.54	0.43	0.36	0.31	0.24	0.20
	0.30		NA	0.63	0.55	0.48	0.39	0.33	0.29	0.23	0.19
	0.20		NA	0.55	0.49	0.43	0.36	0.31	0.27	0.21	0.18
0.50	0.50	0.20	NA	0.70	0.60	0.51	0.41	0.37	0.29	0.23	0.19
	0.30		NA	0.61	0.53	0.46	0.37	0.31	0.27	0.22	0.18
	0.20		NA	0.54	0.47	0.42	0.34	0.29	0.26	0.20	0.17
0.30	0.50	0.20	NA	0.67	0.57	0.49	0.38	0.32	0.27	0.21	0.18
	0.30		NA	0.59	0.51	0.44	0.36	0.30	0.26	0.20	0.17
	0.20		NA	0.53	0.46	0.40	0.33	0.28	0.24	0.19	0.16
0.00	0.00	0.00	0.96	0.42	0.36	0.31	0.25	0.21	0.18	0.14	0.12

Rating:6W 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 = 1.75								
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	NA	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		NA	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	0.20		NA	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20
0.50	0.50	0.20	NA	0.20	0.20	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		NA	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		NA	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20
0.30	0.50	0.20	NA	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		NA	0.14	0.15	0.16	0.17	0.19	0.19	0.20	0.21
	0.20		NA	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19
0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

Rating:6W 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	102.1	0.1	0.1	0.02	0.02
1.0-2.0	102.3	0.3	0.4	0.06	0.08
2.0-3.0	102.8	0.5	0.9	0.10	0.18
3.0-4.0	103.6	0.7	1.6	0.14	0.32
4.0-5.0	104.6	0.9	2.5	0.18	0.51
5.0-6.0	105.8	1.1	3.6	0.23	0.74
6.0-7.0	107.3	1.3	4.9	0.27	1.01
7.0-8.0	109.0	1.6	6.5	0.32	1.33
8.0-9.0	110.9	1.8	8.3	0.37	1.70
9.0-10.0	112.9	2.0	10.3	0.42	2.12
10.0-11.0	115.2	2.3	12.6	0.47	2.59
11.0-12.0	117.6	2.6	15.2	0.53	3.12
12.0-13.0	120.1	2.9	18.0	0.59	3.71
13.0-14.0	122.7	3.1	21.2	0.65	4.35
14.0-15.0	125.4	3.4	24.6	0.71	5.06
15.0-16.0	128.1	3.8	28.4	0.77	5.83
16.0-17.0	130.7	4.1	32.5	0.84	6.67
17.0-18.0	133.2	4.4	36.8	0.90	7.57
18.0-19.0	135.6	4.7	41.6	0.97	8.54
19.0-20.0	137.8	5.0	46.6	1.04	9.57
20.0-21.0	139.7	5.4	52.0	1.10	10.67
21.0-22.0	141.3	5.7	57.7	1.17	11.84
22.0-23.0	142.5	6.0	63.6	1.23	13.07
23.0-24.0	143.4	6.3	69.9	1.29	14.36
24.0-25.0	144.0	6.5	76.5	1.34	15.70
25.0-26.0	144.3	6.8	83.3	1.40	17.10
26.0-27.0	144.3	7.1	90.3	1.45	18.55
27.0-28.0	144.2	7.3	97.6	1.50	20.05
28.0-29.0	143.9	7.5	105.2	1.55	21.60
29.0-30.0	143.6	7.8	112.9	1.59	23.19
30.0-31.0	143.4	8.0	120.9	1.64	24.83
31.0-32.0	143.1	8.2	129.1	1.68	26.51
32.0-33.0	143.0	8.4	137.5	1.73	28.24
33.0-34.0	142.8	8.6	146.2	1.78	30.02
34.0-35.0	142.7	8.9	155.0	1.82	31.84
35.0-36.0	142.7	9.1	164.1	1.87	33.70

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	142.7	9.3	173.4	1.91	35.62
37.0-38.0	142.6	9.5	182.9	1.95	37.57
38.0-39.0	142.5	9.7	192.7	2.00	39.57
39.0-40.0	142.5	9.9	202.6	2.04	41.61
40.0-41.0	142.7	10.2	212.8	2.09	43.70
41.0-42.0	143.1	10.4	223.2	2.14	45.83
42.0-43.0	143.6	10.6	233.8	2.19	48.02
43.0-44.0	144.2	10.9	244.7	2.24	50.25
44.0-45.0	144.4	11.1	255.8	2.28	52.53
45.0-46.0	144.1	11.3	267.1	2.31	54.85
46.0-47.0	142.9	11.4	278.4	2.33	57.18
47.0-48.0	140.5	11.4	289.8	2.33	59.52
48.0-49.0	136.9	11.2	301.0	2.31	61.83
49.0-50.0	132.0	11.0	312.0	2.26	64.09
50.0-51.0	125.8	10.6	322.7	2.19	66.27
51.0-52.0	118.7	10.2	332.9	2.09	68.36
52.0-53.0	111.0	9.7	342.5	1.98	70.35
53.0-54.0	102.9	9.1	351.6	1.86	72.21
54.0-55.0	94.8	8.5	360.1	1.74	73.95
55.0-56.0	87.0	7.9	367.9	1.61	75.56
56.0-57.0	79.5	7.3	375.2	1.49	77.05
57.0-58.0	72.6	6.7	381.9	1.38	78.43
58.0-59.0	66.4	6.2	388.1	1.28	79.71
59.0-60.0	60.7	5.7	393.9	1.18	80.89
60.0-61.0	55.7	5.3	399.2	1.09	81.98
61.0-62.0	51.2	4.9	404.1	1.01	82.99
62.0-63.0	47.1	4.6	408.7	0.94	83.93
63.0-64.0	43.5	4.3	413.0	0.88	84.81
64.0-65.0	40.4	4.0	417.0	0.82	85.63
65.0-66.0	37.6	3.7	420.7	0.77	86.40
66.0-67.0	35.0	3.5	424.2	0.72	87.12
67.0-68.0	32.8	3.3	427.5	0.68	87.81
68.0-69.0	30.8	3.1	430.7	0.64	88.45
69.0-70.0	28.9	3.0	433.7	0.61	89.06
70.0-71.0	27.2	2.8	436.5	0.58	89.64
71.0-72.0	25.7	2.7	439.1	0.55	90.19

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	24.3	2.5	441.7	0.52	90.71
73.0-74.0	23.0	2.4	444.1	0.50	91.21
74.0-75.0	21.7	2.3	446.4	0.47	91.68
75.0-76.0	20.6	2.2	448.6	0.45	92.13
76.0-77.0	19.5	2.1	450.7	0.43	92.55
77.0-78.0	18.4	2.0	452.6	0.40	92.96
78.0-79.0	17.4	1.9	454.5	0.38	93.34
79.0-80.0	16.4	1.8	456.3	0.36	93.71
80.0-81.0	15.5	1.7	457.9	0.34	94.05
81.0-82.0	14.6	1.6	459.5	0.32	94.37
82.0-83.0	13.7	1.5	461.0	0.31	94.68
83.0-84.0	12.8	1.4	462.4	0.29	94.97
84.0-85.0	11.9	1.3	463.7	0.27	95.23
85.0-86.0	11.0	1.2	464.9	0.25	95.48
86.0-87.0	10.2	1.1	466.0	0.23	95.71
87.0-88.0	9.4	1.0	467.1	0.21	95.92
88.0-89.0	8.7	0.9	468.0	0.19	96.11
89.0-90.0	8.0	0.9	468.9	0.18	96.29
90.0-91.0	7.4	0.8	469.7	0.17	96.46
91.0-92.0	6.8	0.7	470.4	0.15	96.61
92.0-93.0	6.4	0.7	471.1	0.14	96.76
93.0-94.0	6.0	0.7	471.8	0.13	96.89
94.0-95.0	5.6	0.6	472.4	0.13	97.02
95.0-96.0	5.3	0.6	473.0	0.12	97.14
96.0-97.0	5.0	0.5	473.5	0.11	97.25
97.0-98.0	4.7	0.5	474.0	0.10	97.35
98.0-99.0	4.4	0.5	474.5	0.10	97.45
99.0-100.0	4.2	0.5	475.0	0.09	97.54
100.0-101.0	4.0	0.4	475.4	0.09	97.63
101.0-102.0	3.8	0.4	475.8	0.08	97.72
102.0-103.0	3.7	0.4	476.2	0.08	97.80
103.0-104.0	3.5	0.4	476.6	0.08	97.87
104.0-105.0	3.4	0.4	476.9	0.07	97.95
105.0-106.0	3.3	0.3	477.3	0.07	98.02
106.0-107.0	3.2	0.3	477.6	0.07	98.09
107.0-108.0	3.1	0.3	477.9	0.07	98.15

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	3.0	0.3	478.2	0.06	98.22
109.0-110.0	2.9	0.3	478.5	0.06	98.28
110.0-111.0	2.8	0.3	478.8	0.06	98.34
111.0-112.0	2.8	0.3	479.1	0.06	98.40
112.0-113.0	2.7	0.3	479.4	0.06	98.45
113.0-114.0	2.7	0.3	479.7	0.06	98.51
114.0-115.0	2.6	0.3	479.9	0.05	98.56
115.0-116.0	2.6	0.3	480.2	0.05	98.62
116.0-117.0	2.6	0.3	480.4	0.05	98.67
117.0-118.0	2.5	0.2	480.7	0.05	98.72
118.0-119.0	2.5	0.2	480.9	0.05	98.77
119.0-120.0	2.5	0.2	481.2	0.05	98.82
120.0-121.0	2.4	0.2	481.4	0.05	98.86
121.0-122.0	2.4	0.2	481.6	0.05	98.91
122.0-123.0	2.4	0.2	481.8	0.05	98.96
123.0-124.0	2.4	0.2	482.1	0.04	99.00
124.0-125.0	2.3	0.2	482.3	0.04	99.04
125.0-126.0	2.3	0.2	482.5	0.04	99.09
126.0-127.0	2.3	0.2	482.7	0.04	99.13
127.0-128.0	2.2	0.2	482.9	0.04	99.17
128.0-129.0	2.2	0.2	483.1	0.04	99.21
129.0-130.0	2.2	0.2	483.2	0.04	99.24
130.0-131.0	2.1	0.2	483.4	0.04	99.28
131.0-132.0	2.1	0.2	483.6	0.04	99.32
132.0-133.0	2.0	0.2	483.8	0.03	99.35
133.0-134.0	2.0	0.2	483.9	0.03	99.38
134.0-135.0	2.0	0.2	484.1	0.03	99.41
135.0-136.0	1.9	0.1	484.2	0.03	99.44
136.0-137.0	1.9	0.1	484.4	0.03	99.47
137.0-138.0	1.8	0.1	484.5	0.03	99.50
138.0-139.0	1.8	0.1	484.6	0.03	99.53
139.0-140.0	1.7	0.1	484.7	0.03	99.55
140.0-141.0	1.7	0.1	484.9	0.02	99.58
141.0-142.0	1.7	0.1	485.0	0.02	99.60
142.0-143.0	1.6	0.1	485.1	0.02	99.62
143.0-144.0	1.6	0.1	485.2	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	1.6	0.1	485.3	0.02	99.66
145.0-146.0	1.5	0.1	485.4	0.02	99.68
146.0-147.0	1.5	0.1	485.5	0.02	99.70
147.0-148.0	1.5	0.1	485.6	0.02	99.72
148.0-149.0	1.5	0.1	485.6	0.02	99.74
149.0-150.0	1.5	0.1	485.7	0.02	99.75
150.0-151.0	1.4	0.1	485.8	0.02	99.77
151.0-152.0	1.4	0.1	485.9	0.02	99.78
152.0-153.0	1.4	0.1	485.9	0.01	99.80
153.0-154.0	1.4	0.1	486.0	0.01	99.81
154.0-155.0	1.4	0.1	486.1	0.01	99.83
155.0-156.0	1.4	0.1	486.2	0.01	99.84
156.0-157.0	1.4	0.1	486.2	0.01	99.85
157.0-158.0	1.4	0.1	486.3	0.01	99.87
158.0-159.0	1.4	0.1	486.3	0.01	99.88
159.0-160.0	1.4	0.1	486.4	0.01	99.89
160.0-161.0	1.4	0.1	486.4	0.01	99.90
161.0-162.0	1.4	0.0	486.5	0.01	99.91
162.0-163.0	1.4	0.0	486.5	0.01	99.92
163.0-164.0	1.4	0.0	486.6	0.01	99.93
164.0-165.0	1.4	0.0	486.6	0.01	99.94
165.0-166.0	1.4	0.0	486.7	0.01	99.95
166.0-167.0	1.4	0.0	486.7	0.01	99.95
167.0-168.0	1.4	0.0	486.7	0.01	99.96
168.0-169.0	1.4	0.0	486.8	0.01	99.97
169.0-170.0	1.4	0.0	486.8	0.01	99.97
170.0-171.0	1.4	0.0	486.8	0.01	99.98
171.0-172.0	1.4	0.0	486.8	0.00	99.98
172.0-173.0	1.4	0.0	486.9	0.00	99.99
173.0-174.0	1.4	0.0	486.9	0.00	99.99
174.0-175.0	1.4	0.0	486.9	0.00	99.99
175.0-176.0	1.5	0.0	486.9	0.00	100.00
176.0-177.0	1.5	0.0	486.9	0.00	100.00
177.0-178.0	1.5	0.0	486.9	0.00	100.00
178.0-179.0	1.5	0.0	486.9	0.00	100.00
179.0-180.0	1.5	0.0	486.9	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: