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

Report No.: **Test Time: 2020/11/19 18:25**

Luminaire Property

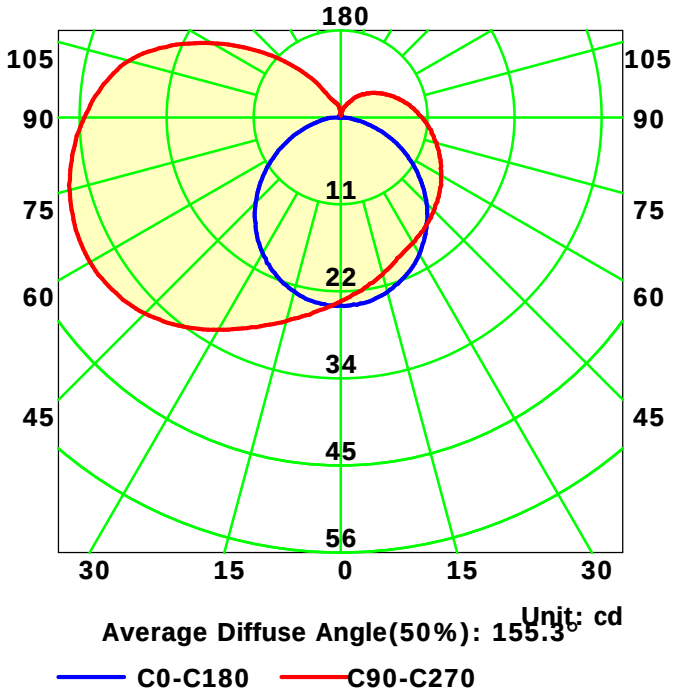
Luminaire Manufacturer:
Luminaire Category: Contour Plus 5.0
Luminaire Description: NEON+RB0VWS2206.0VW-12N-2200+6100
Lamp Catalog: 12N-22+61 **Lamp Description: 3527 2IN1 2200+6100K**
Number of Lamps: 140 **Luminous Length (mm): 500**
Luminous Width (mm): 10 **Luminous Height (mm): 23**
Voltage: 24.0 V **Current: 0.431 A**
Power: 10.34 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 161.0 lm**
Measurement Flux: 161 lm **Efficiency: 100%**
Downward Ratio: 73% **Upward Ratio: 27%**
Horizontal Diffuse Angle(10%,50%): H160.9,H108.5
Vertical Diffuse Angle(10%,50%): V298.7,V202.1
Luminaire Efficacy Rating (LER): 16 **Central Intensity: 24.52 cd**
Max. Intensity: 37.75 cd **Pos of Max. Intensity: H270 V60**

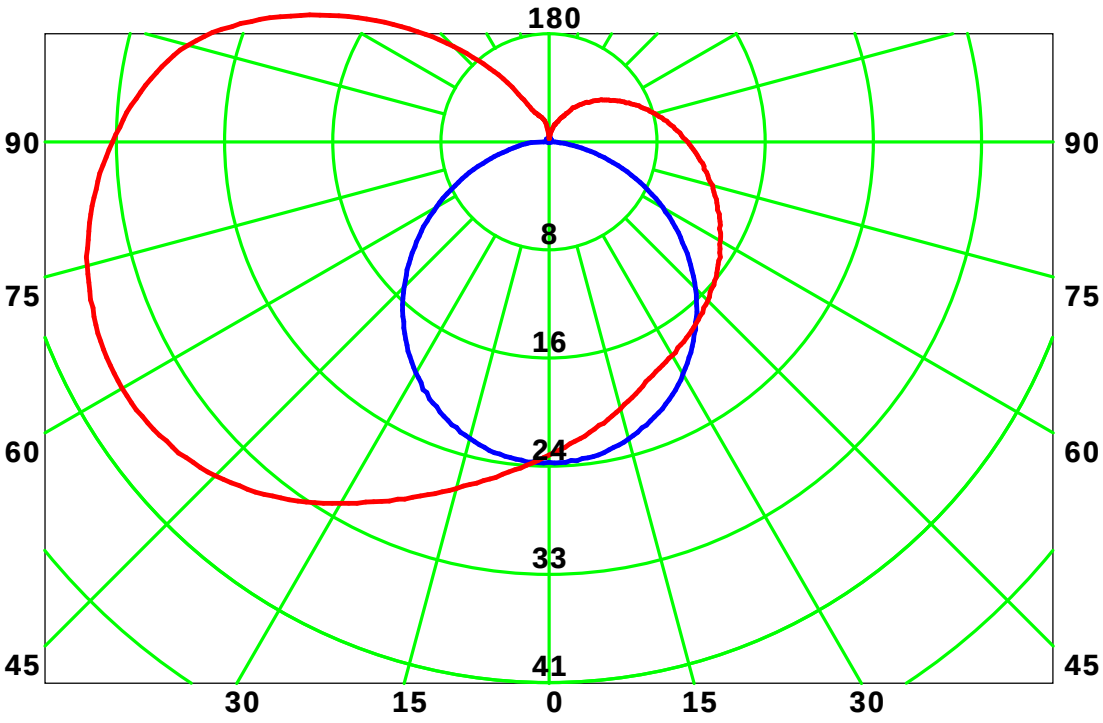
Picture Of Luminaire

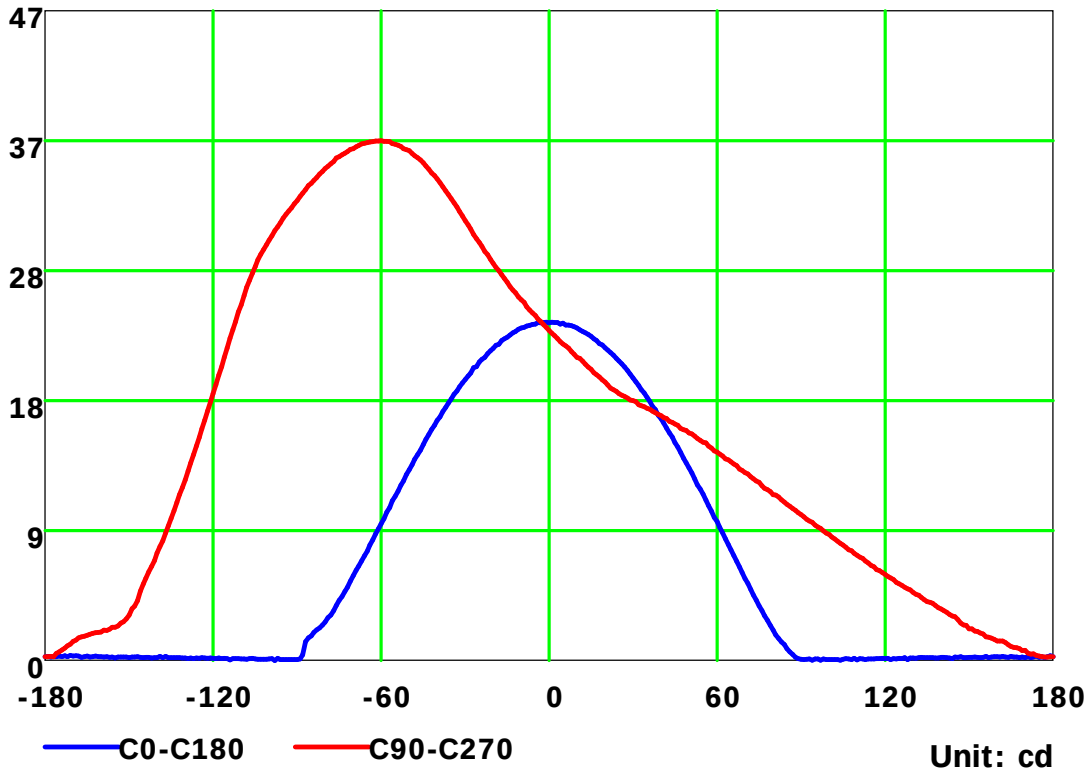
Luminous Intensity Distribution Curve



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

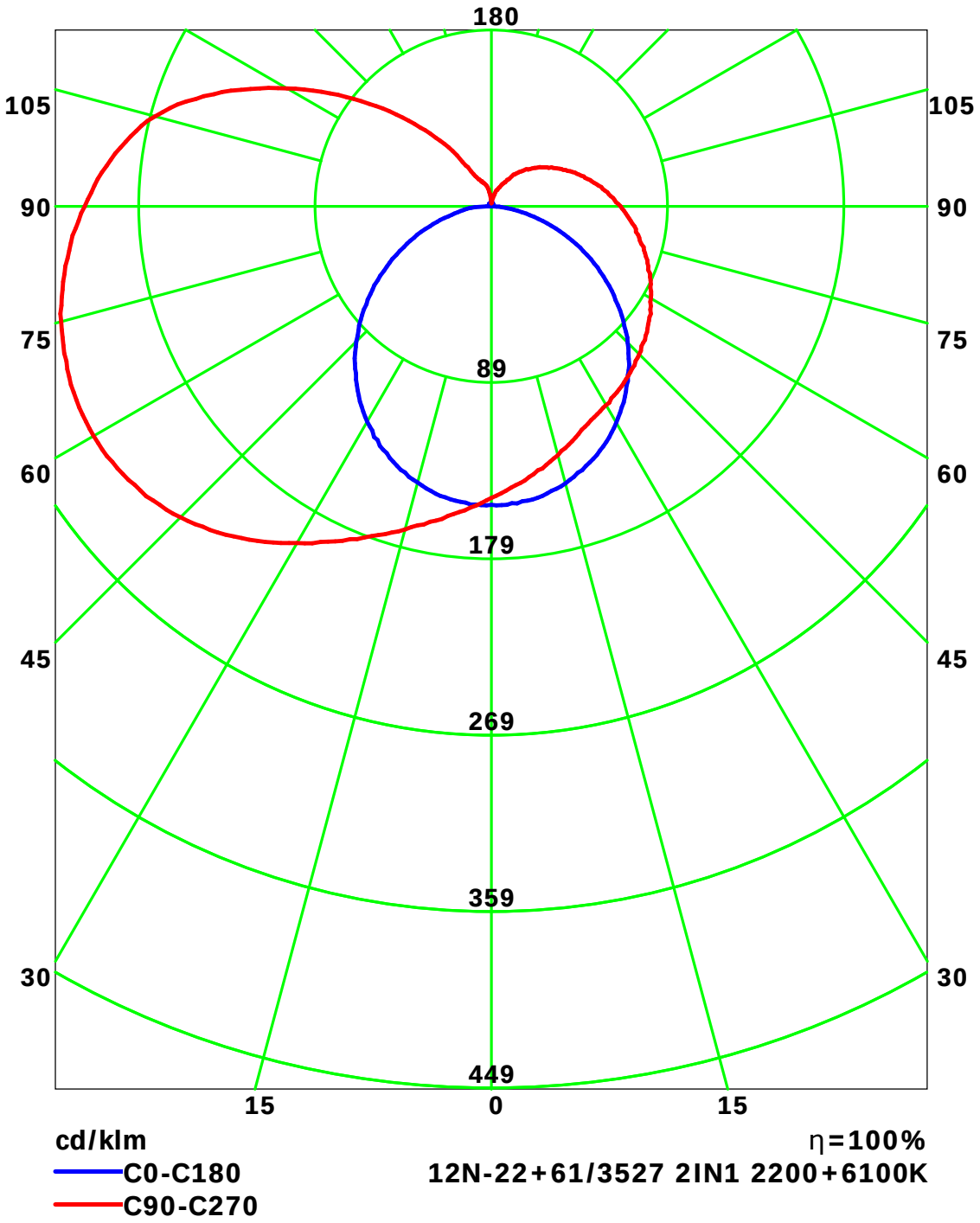




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

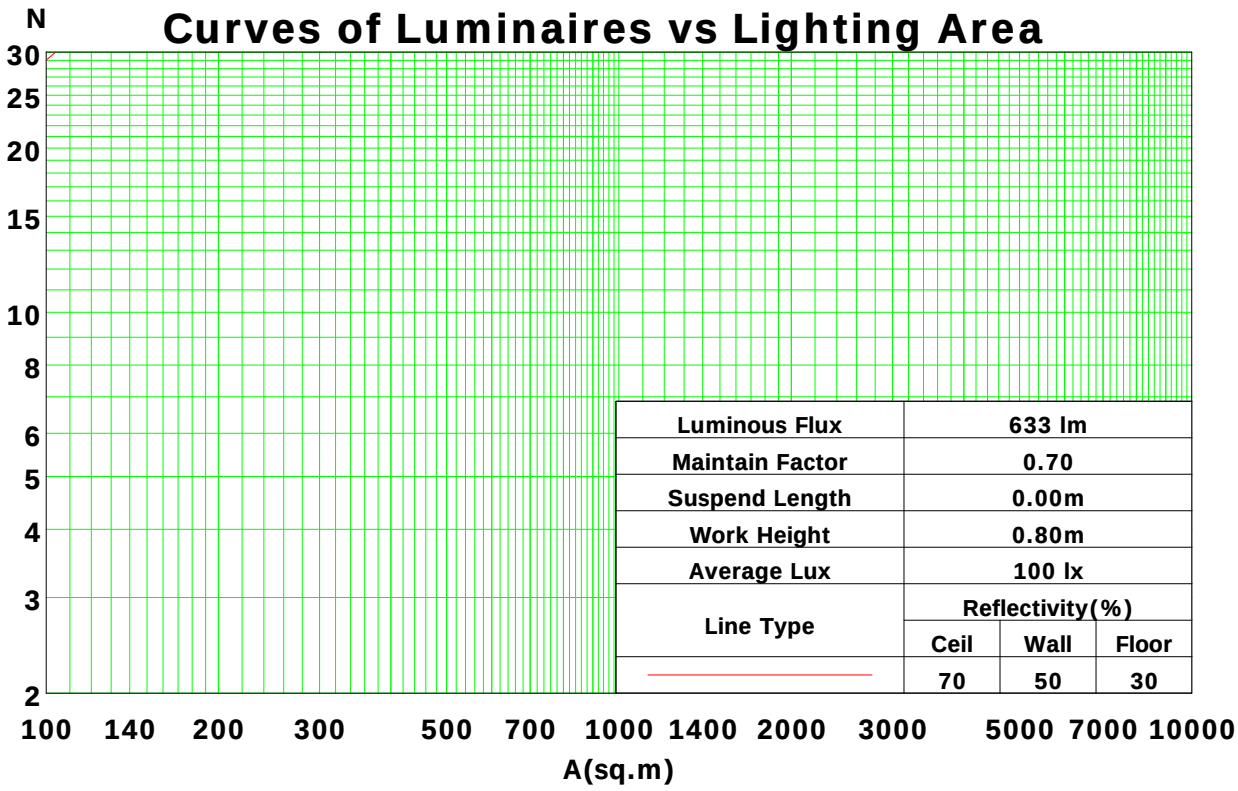
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	113	113	113	113	107	107	107	107	96	96	96	86	86	86	78	78	78	73
1	98	92	86	81	93	87	82	77	78	74	70	69	66	63	61	59	56	52
2	88	78	70	63	82	74	66	60	66	60	54	58	53	49	51	48	44	40
3	79	67	58	50	74	63	55	48	56	49	44	50	44	40	44	40	36	32
4	72	59	49	41	67	55	46	40	49	42	36	44	38	33	39	34	30	26
5	66	52	42	35	62	49	40	33	44	36	31	39	33	28	34	29	25	22
6	60	46	37	30	57	44	35	29	39	32	26	35	29	24	31	26	22	19
7	56	41	32	26	52	39	31	25	35	28	23	32	25	21	28	23	19	16
8	52	38	29	23	48	36	27	22	32	25	20	29	23	18	26	21	17	14
9	48	34	26	20	45	33	25	19	29	23	18	26	21	16	24	19	15	13
10	45	31	23	18	42	30	22	17	27	20	16	24	19	15	22	17	13	11

Spacing Criteria (0-180): 1.24
Spacing Criteria (90-270): 1.66
Spacing Criteria (Diagonal): 1.59

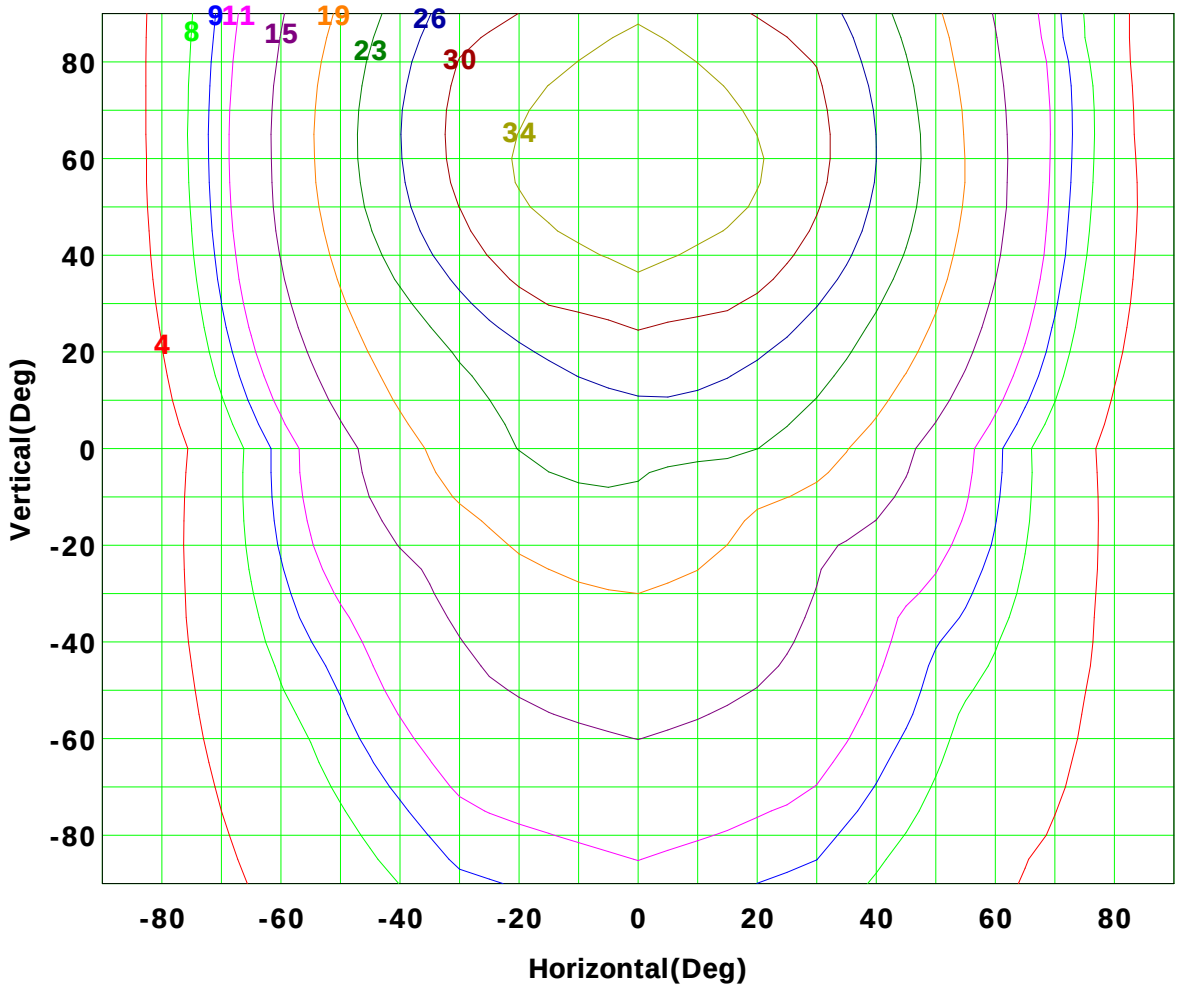
Curves of Luminaires vs Lighting Area



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)



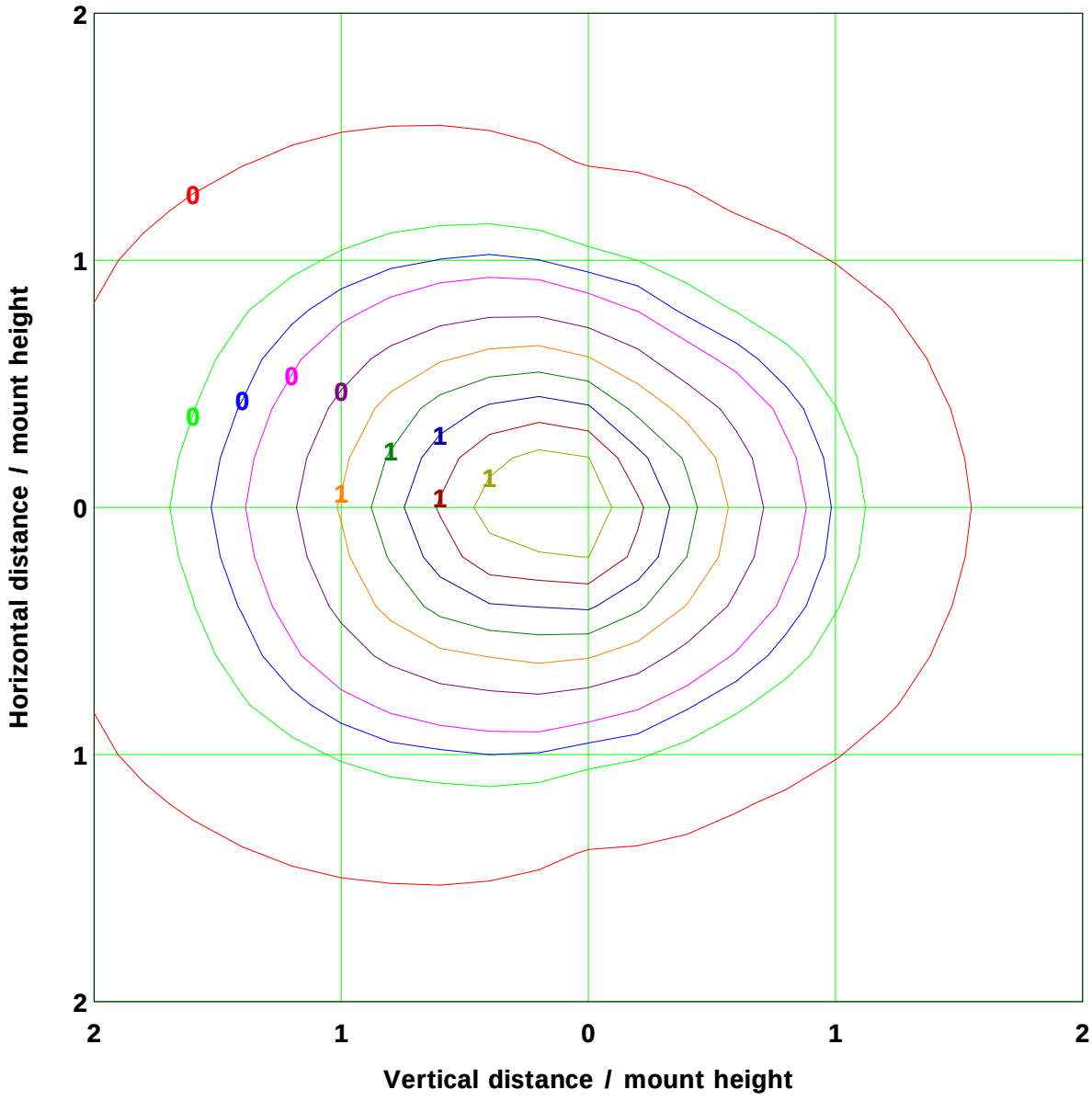
Imax (100%): 38 cd

(10%):	4 cd	(20%):	8 cd
(25%):	9 cd	(30%):	11 cd
(40%):	15 cd	(50%):	19 cd
(60%):	23 cd	(70%):	26 cd
(80%):	30 cd	(90%):	34 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%): 1.0 lx

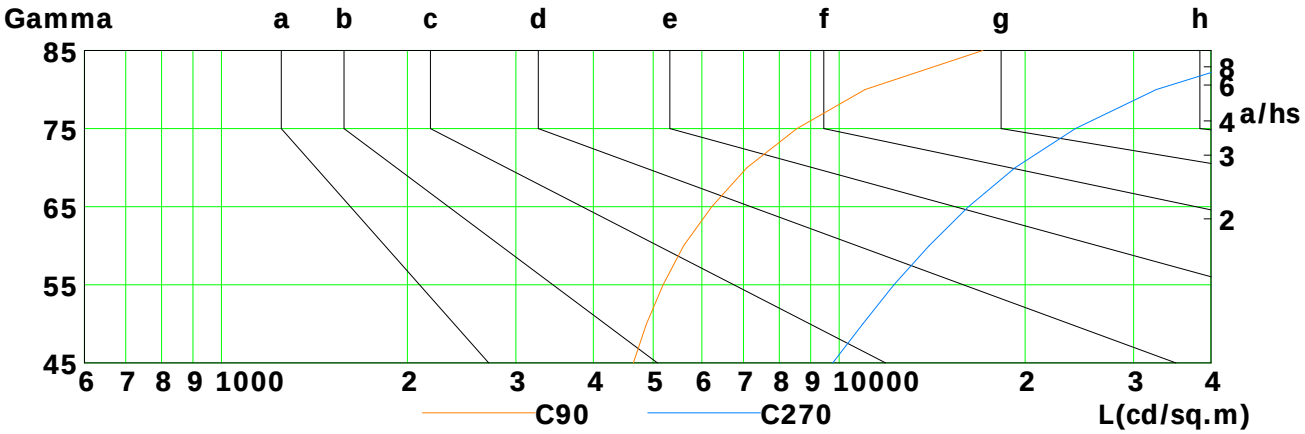
(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.3 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.6 lx	(70%): 0.7 lx
(80%): 0.8 lx	(90%): 0.9 lx

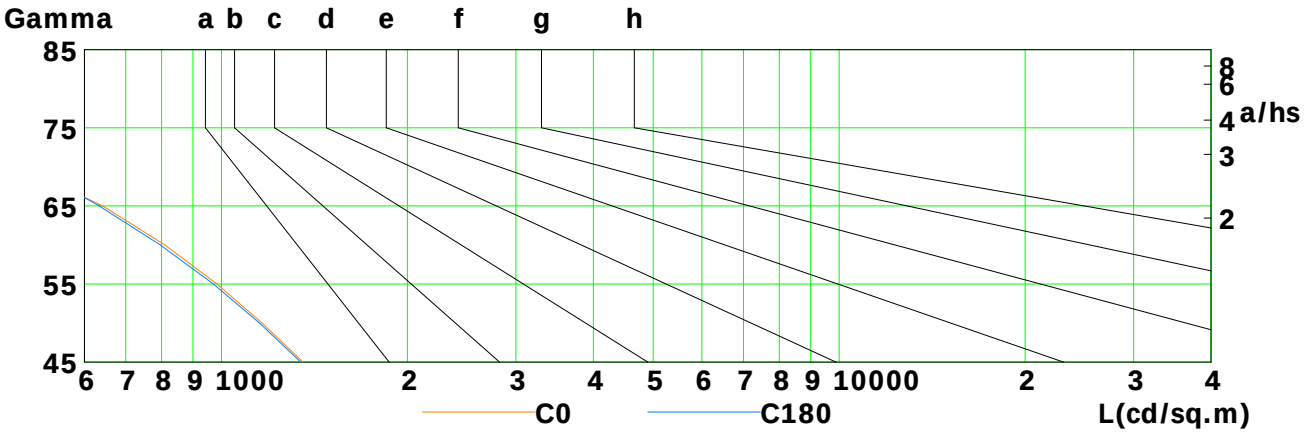
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



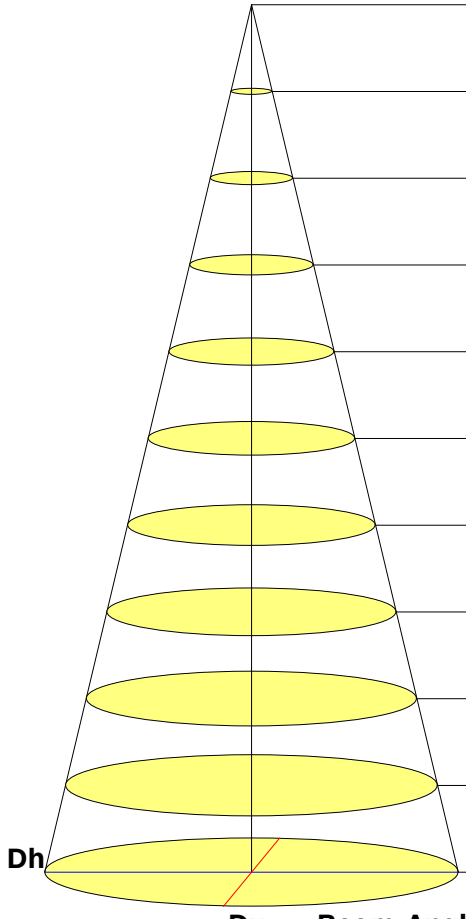


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1357	1164	984	810	643	477	322	181	72
C90	4646	4879	5189	5605	6220	7092	8547	11016	17085
C180	1346	1154	971	797	634	492	352	230	152
C270	9772	10926	12270	13982	16205	19292	24138	32638	52143

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



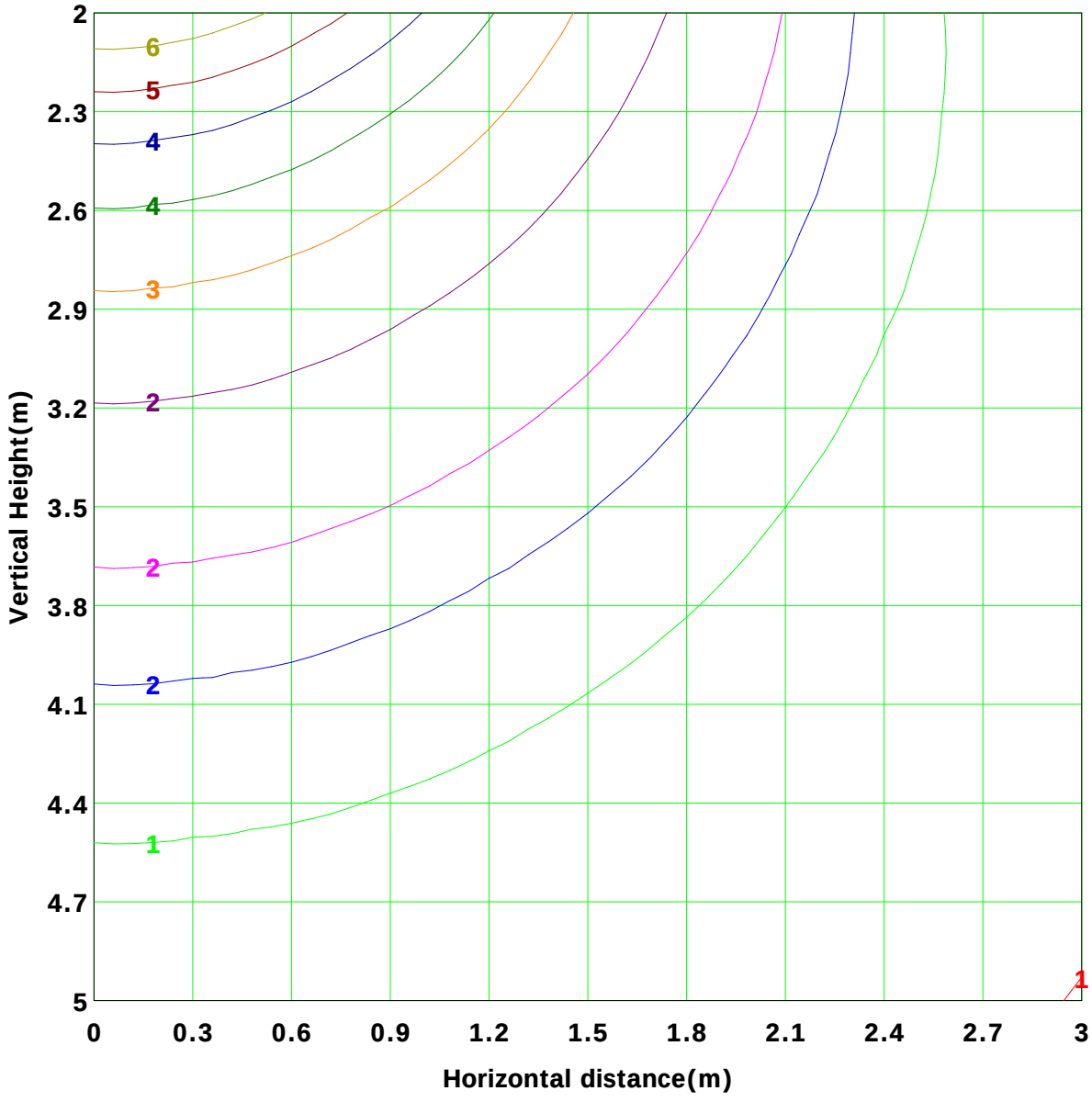
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	24.52	2.78/NA	NA	NA
2.0	6.13	5.56/NA	NA	NA
3.0	2.72	8.34/NA	NA	NA
4.0	1.53	11.12/NA	NA	NA
5.0	0.98	13.89/NA	NA	NA
6.0	0.68	16.67/NA	NA	NA
7.0	0.50	19.45/NA	NA	NA
8.0	0.38	22.23/NA	NA	NA
9.0	0.30	25.01/NA	NA	NA
10.0	0.25	27.79/NA	NA	NA

Beam Angle(B): H108.5 V202.1 Field Angle(F): H160.9 V298.7

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: 6.1 lx

(10%): 0.6 lx	(20%): 1.2 lx
(25%): 1.5 lx	(30%): 1.8 lx
(40%): 2.5 lx	(50%): 3.1 lx
(60%): 3.7 lx	(70%): 4.3 lx
(80%): 4.9 lx	(90%): 5.5 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:

Area Flux Table

Unit: lm

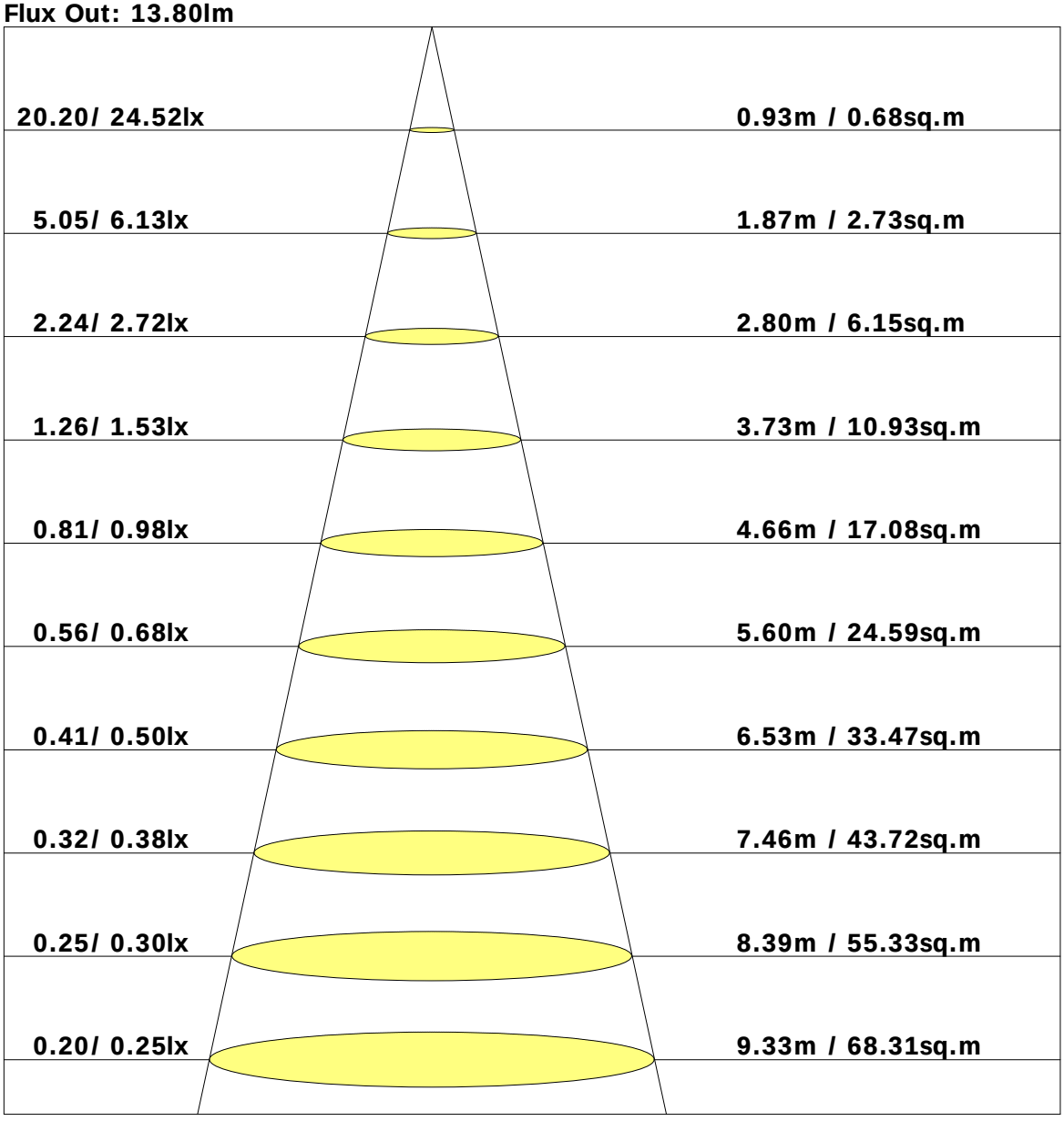
Vertical plane \ Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	Flux(T)	Flux(E)
-90	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.1	0.0	9.0	9.0
-80	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.5	9.5
-70	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.7	9.7
-60	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.7	9.7
-50	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.3	9.3
-40	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0	8.7	8.7
-30	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0	8.0	8.0
-20	0.0	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.1	0.0	0.0	7.3	7.3
-10	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	6.6	6.6
0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	6.1	6.1
10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.6	5.6
20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.1	5.1
30	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	4.8	4.8
40	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	4.5	4.4
50	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.1	4.1
60	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	3.7	3.7
70	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.3	3.3
80	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	2.9	2.9
Flux(T)	0.1	0.8	2.2	4.0	6.3	8.7	10.9	12.5	13.5	13.5	12.5	11.0	8.7	6.3	4.1	2.2	0.8	0.1	118	
Flux(E)	0.0	0.7	2.1	4.0	6.3	8.7	10.9	12.5	13.5	13.5	12.5	11.0	8.7	6.3	4.1	2.1	0.7	0.0		118

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: 13.80lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	20.20/ 24.52lx		0.93m / 0.68sq.m
2.0m	5.05/ 6.13lx		1.87m / 2.73sq.m
3.0m	2.24/ 2.72lx		2.80m / 6.15sq.m
4.0m	1.26/ 1.53lx		3.73m / 10.93sq.m
5.0m	0.81/ 0.98lx		4.66m / 17.08sq.m
6.0m	0.56/ 0.68lx		5.60m / 24.59sq.m
7.0m	0.41/ 0.50lx		6.53m / 33.47sq.m
8.0m	0.32/ 0.38lx		7.46m / 43.72sq.m
9.0m	0.25/ 0.30lx		8.39m / 55.33sq.m
10.0m	0.20/ 0.25lx		9.33m / 68.31sq.m

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	18.4	19.7	19.1	20.5	21.3	16.2	17.5	16.9	18.2	19.1
3H	20.4	21.5	21.1	22.3	23.2	18.5	19.7	19.2	20.4	21.3
4H	21.1	22.2	21.8	23.0	23.9	19.6	20.7	20.3	21.5	22.4
6H	21.6	22.7	22.3	23.4	24.4	20.6	21.7	21.4	22.5	23.4
8H	21.7	22.8	22.5	23.6	24.5	21.1	22.1	21.9	22.9	23.9
12H	21.9	22.8	22.6	23.6	24.6	21.6	22.6	22.4	23.4	24.3
X=4H Y=2H	19.5	20.6	20.2	21.4	22.3	16.7	17.9	17.5	18.6	19.6
3H	21.7	22.7	22.4	23.5	24.4	19.3	20.3	20.1	21.1	22.1
4H	22.6	23.5	23.4	24.3	25.3	20.6	21.5	21.4	22.3	23.3
6H	23.3	24.1	24.1	25.0	25.9	21.8	22.7	22.6	23.5	24.4
8H	23.6	24.4	24.4	25.2	26.2	22.4	23.2	23.2	24.0	25.0
12H	23.8	24.5	24.6	25.3	26.3	23.0	23.7	23.8	24.6	25.6
X=8H Y=4H	23.5	24.3	24.3	25.1	26.1	20.9	21.7	21.7	22.5	23.5
6H	24.5	25.2	25.3	26.1	27.0	22.4	23.1	23.2	23.9	24.9
8H	25.0	25.6	25.8	26.4	27.4	23.2	23.8	24.0	24.6	25.6
12H	25.4	25.9	26.2	26.7	27.8	23.9	24.5	24.8	25.3	26.4
X=12H Y=4H	23.7	24.4	24.5	25.3	26.3	21.0	21.7	21.8	22.5	23.5
6H	24.9	25.5	25.7	26.4	27.4	22.5	23.1	23.3	23.9	25.0
8H	25.5	26.0	26.3	26.9	27.9	23.3	23.9	24.2	24.7	25.8

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 = 1.50				
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	0.44	0.51	0.58	0.63	0.71	0.76	0.79	0.85	0.88
	0.30		0.35	0.43	0.50	0.55	0.63	0.69	0.73	0.79	0.83
	0.20		0.30	0.36	0.43	0.49	0.57	0.63	0.67	0.74	0.79
0.50	0.50	0.20	0.40	0.46	0.52	0.57	0.63	0.68	0.71	0.76	0.79
	0.30		0.33	0.39	0.45	0.50	0.57	0.62	0.66	0.71	0.75
	0.20		0.27	0.34	0.40	0.45	0.52	0.57	0.61	0.67	0.71
0.30	0.50	0.20	0.36	0.41	0.47	0.51	0.56	0.60	0.63	0.67	0.70
	0.30		0.30	0.36	0.41	0.45	0.51	0.56	0.59	0.64	0.67
	0.20		0.25	0.31	0.37	0.41	0.47	0.52	0.55	0.61	0.64
0.00	0.00	0.00	0.21	0.25	0.30	0.34	0.39	0.43	0.46	0.51	0.54

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	1.04	0.91	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.69	0.63	0.54	0.47	0.41	0.34	0.29
	0.20		0.75	0.68	0.62	0.57	0.49	0.43	0.39	0.32	0.28
0.50	0.50	0.20	0.95	0.83	0.73	0.65	0.54	0.49	0.41	0.33	0.28
	0.30		0.81	0.72	0.64	0.58	0.50	0.43	0.38	0.32	0.27
	0.20		0.70	0.64	0.58	0.53	0.46	0.40	0.36	0.30	0.26
0.30	0.50	0.20	0.87	0.76	0.66	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.75	0.67	0.59	0.54	0.46	0.40	0.36	0.29	0.25
	0.20		0.65	0.60	0.54	0.49	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.53	0.48	0.43	0.40	0.34	0.30	0.27	0.23	0.20

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	0.43	0.44	0.45	0.46	0.47	0.47	0.47	0.48	0.48
	0.30		0.36	0.37	0.38	0.39	0.41	0.42	0.42	0.43	0.44
	0.20		0.30	0.32	0.33	0.34	0.36	0.37	0.38	0.40	0.41
0.50	0.50	0.20	0.41	0.43	0.43	0.44	0.45	0.45	0.45	0.46	0.46
	0.30		0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43
	0.20		0.30	0.31	0.32	0.33	0.35	0.36	0.37	0.39	0.40
0.30	0.50	0.20	0.40	0.41	0.42	0.42	0.43	0.43	0.44	0.44	0.44
	0.30		0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.40	0.41
	0.20		0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38
0.00	0.00	0.00	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27

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	23.9	0.0	0.0	0.01	0.01
1.0-2.0	23.9	0.1	0.1	0.04	0.06
2.0-3.0	23.9	0.1	0.2	0.07	0.13
3.0-4.0	23.9	0.2	0.4	0.10	0.23
4.0-5.0	23.9	0.2	0.6	0.13	0.35
5.0-6.0	23.9	0.3	0.8	0.16	0.51
6.0-7.0	23.9	0.3	1.1	0.18	0.69
7.0-8.0	23.8	0.3	1.5	0.21	0.91
8.0-9.0	23.8	0.4	1.8	0.24	1.15
9.0-10.0	23.8	0.4	2.3	0.27	1.41
10.0-11.0	23.8	0.5	2.8	0.29	1.71
11.0-12.0	23.7	0.5	3.3	0.32	2.03
12.0-13.0	23.7	0.6	3.8	0.35	2.38
13.0-14.0	23.6	0.6	4.4	0.38	2.76
14.0-15.0	23.6	0.6	5.1	0.40	3.16
15.0-16.0	23.5	0.7	5.8	0.43	3.59
16.0-17.0	23.5	0.7	6.5	0.45	4.04
17.0-18.0	23.4	0.8	7.3	0.48	4.52
18.0-19.0	23.4	0.8	8.1	0.51	5.03
19.0-20.0	23.3	0.9	8.9	0.53	5.56
20.0-21.0	23.3	0.9	9.8	0.56	6.11
21.0-22.0	23.2	0.9	10.8	0.58	6.69
22.0-23.0	23.1	1.0	11.7	0.60	7.29
23.0-24.0	23.1	1.0	12.8	0.63	7.92
24.0-25.0	23.0	1.0	13.8	0.65	8.57
25.0-26.0	22.9	1.1	14.9	0.67	9.24
26.0-27.0	22.9	1.1	16.0	0.69	9.94
27.0-28.0	22.8	1.2	17.2	0.72	10.65
28.0-29.0	22.7	1.2	18.3	0.74	11.39
29.0-30.0	22.7	1.2	19.6	0.76	12.15
30.0-31.0	22.6	1.3	20.8	0.78	12.93
31.0-32.0	22.5	1.3	22.1	0.80	13.73
32.0-33.0	22.4	1.3	23.4	0.82	14.56
33.0-34.0	22.4	1.4	24.8	0.84	15.40
34.0-35.0	22.3	1.4	26.2	0.86	16.26
35.0-36.0	22.2	1.4	27.6	0.88	17.13

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	22.1	1.4	29.0	0.90	18.03
37.0-38.0	22.0	1.5	30.5	0.91	18.94
38.0-39.0	21.9	1.5	32.0	0.93	19.87
39.0-40.0	21.8	1.5	33.5	0.95	20.82
40.0-41.0	21.7	1.5	35.1	0.96	21.78
41.0-42.0	21.6	1.6	36.6	0.98	22.76
42.0-43.0	21.5	1.6	38.2	0.99	23.75
43.0-44.0	21.4	1.6	39.9	1.00	24.75
44.0-45.0	21.3	1.6	41.5	1.02	25.77
45.0-46.0	21.2	1.7	43.1	1.03	26.80
46.0-47.0	21.1	1.7	44.8	1.04	27.84
47.0-48.0	20.9	1.7	46.5	1.05	28.89
48.0-49.0	20.8	1.7	48.2	1.06	29.95
49.0-50.0	20.7	1.7	49.9	1.07	31.02
50.0-51.0	20.5	1.7	51.7	1.08	32.10
51.0-52.0	20.4	1.7	53.4	1.09	33.19
52.0-53.0	20.2	1.8	55.2	1.09	34.28
53.0-54.0	20.1	1.8	57.0	1.10	35.38
54.0-55.0	19.9	1.8	58.7	1.11	36.48
55.0-56.0	19.8	1.8	60.5	1.11	37.60
56.0-57.0	19.6	1.8	62.3	1.11	38.71
57.0-58.0	19.4	1.8	64.1	1.12	39.83
58.0-59.0	19.3	1.8	65.9	1.12	40.95
59.0-60.0	19.1	1.8	67.7	1.12	42.07
60.0-61.0	18.9	1.8	69.5	1.12	43.19
61.0-62.0	18.8	1.8	71.3	1.12	44.31
62.0-63.0	18.6	1.8	73.2	1.12	45.43
63.0-64.0	18.4	1.8	75.0	1.12	46.55
64.0-65.0	18.2	1.8	76.8	1.12	47.67
65.0-66.0	18.0	1.8	78.6	1.12	48.79
66.0-67.0	17.8	1.8	80.3	1.11	49.90
67.0-68.0	17.6	1.8	82.1	1.11	51.01
68.0-69.0	17.4	1.8	83.9	1.10	52.11
69.0-70.0	17.2	1.8	85.7	1.10	53.21
70.0-71.0	17.0	1.8	87.4	1.09	54.30
71.0-72.0	16.8	1.7	89.2	1.08	55.38

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	16.6	1.7	90.9	1.08	56.46
73.0-74.0	16.4	1.7	92.6	1.07	57.53
74.0-75.0	16.2	1.7	94.3	1.06	58.59
75.0-76.0	16.0	1.7	96.0	1.05	59.64
76.0-77.0	15.7	1.7	97.7	1.04	60.68
77.0-78.0	15.5	1.7	99.4	1.03	61.71
78.0-79.0	15.3	1.6	101.0	1.02	62.74
79.0-80.0	15.1	1.6	102.6	1.01	63.75
80.0-81.0	14.9	1.6	104.3	1.00	64.75
81.0-82.0	14.7	1.6	105.9	0.99	65.74
82.0-83.0	14.5	1.6	107.4	0.98	66.73
83.0-84.0	14.4	1.6	109.0	0.97	67.70
84.0-85.0	14.2	1.5	110.5	0.96	68.66
85.0-86.0	14.0	1.5	112.1	0.95	69.61
86.0-87.0	13.8	1.5	113.6	0.94	70.55
87.0-88.0	13.6	1.5	115.1	0.92	71.47
88.0-89.0	13.4	1.5	116.5	0.91	72.38
89.0-90.0	13.2	1.4	118.0	0.90	73.28
90.0-91.0	13.1	1.4	119.4	0.89	74.17
91.0-92.0	12.9	1.4	120.8	0.88	75.05
92.0-93.0	12.8	1.4	122.2	0.87	75.92
93.0-94.0	12.6	1.4	123.6	0.86	76.78
94.0-95.0	12.5	1.4	125.0	0.85	77.63
95.0-96.0	12.3	1.3	126.3	0.84	78.46
96.0-97.0	12.2	1.3	127.7	0.82	79.28
97.0-98.0	12.0	1.3	129.0	0.81	80.09
98.0-99.0	11.8	1.3	130.2	0.80	80.89
99.0-100.0	11.6	1.3	131.5	0.78	81.67
100.0-101.0	11.5	1.2	132.7	0.77	82.44
101.0-102.0	11.3	1.2	133.9	0.75	83.19
102.0-103.0	11.1	1.2	135.1	0.73	83.93
103.0-104.0	10.8	1.2	136.3	0.72	84.64
104.0-105.0	10.6	1.1	137.4	0.70	85.35
105.0-106.0	10.4	1.1	138.5	0.68	86.03
106.0-107.0	10.1	1.1	139.6	0.66	86.69
107.0-108.0	9.9	1.0	140.6	0.64	87.33

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	9.7	1.0	141.6	0.62	87.96
109.0-110.0	9.4	1.0	142.6	0.60	88.56
110.0-111.0	9.2	0.9	143.5	0.58	89.15
111.0-112.0	8.9	0.9	144.4	0.56	89.71
112.0-113.0	8.7	0.9	145.3	0.54	90.26
113.0-114.0	8.4	0.8	146.2	0.52	90.78
114.0-115.0	8.2	0.8	147.0	0.51	91.29
115.0-116.0	7.9	0.8	147.8	0.49	91.78
116.0-117.0	7.7	0.8	148.5	0.47	92.24
117.0-118.0	7.4	0.7	149.2	0.45	92.69
118.0-119.0	7.2	0.7	149.9	0.43	93.12
119.0-120.0	7.0	0.7	150.6	0.41	93.54
120.0-121.0	6.7	0.6	151.2	0.39	93.93
121.0-122.0	6.5	0.6	151.8	0.38	94.31
122.0-123.0	6.2	0.6	152.4	0.36	94.67
123.0-124.0	6.0	0.6	153.0	0.34	95.01
124.0-125.0	5.8	0.5	153.5	0.33	95.33
125.0-126.0	5.6	0.5	154.0	0.31	95.64
126.0-127.0	5.4	0.5	154.5	0.29	95.94
127.0-128.0	5.1	0.4	154.9	0.28	96.22
128.0-129.0	4.9	0.4	155.3	0.26	96.48
129.0-130.0	4.7	0.4	155.7	0.25	96.73
130.0-131.0	4.5	0.4	156.1	0.24	96.96
131.0-132.0	4.3	0.4	156.5	0.22	97.19
132.0-133.0	4.1	0.3	156.8	0.21	97.39
133.0-134.0	4.0	0.3	157.1	0.20	97.59
134.0-135.0	3.8	0.3	157.4	0.19	97.78
135.0-136.0	3.6	0.3	157.7	0.17	97.95
136.0-137.0	3.5	0.3	158.0	0.16	98.11
137.0-138.0	3.3	0.2	158.2	0.15	98.27
138.0-139.0	3.2	0.2	158.4	0.14	98.41
139.0-140.0	3.0	0.2	158.7	0.13	98.54
140.0-141.0	2.9	0.2	158.9	0.12	98.67
141.0-142.0	2.7	0.2	159.1	0.12	98.78
142.0-143.0	2.5	0.2	159.2	0.11	98.89
143.0-144.0	2.4	0.2	159.4	0.10	98.99

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	2.3	0.1	159.5	0.09	99.08
145.0-146.0	2.1	0.1	159.7	0.08	99.16
146.0-147.0	2.0	0.1	159.8	0.07	99.23
147.0-148.0	1.9	0.1	159.9	0.07	99.30
148.0-149.0	1.8	0.1	160.0	0.06	99.36
149.0-150.0	1.7	0.1	160.1	0.06	99.42
150.0-151.0	1.6	0.1	160.2	0.05	99.48
151.0-152.0	1.5	0.1	160.2	0.05	99.53
152.0-153.0	1.5	0.1	160.3	0.05	99.57
153.0-154.0	1.4	0.1	160.4	0.04	99.61
154.0-155.0	1.3	0.1	160.4	0.04	99.65
155.0-156.0	1.3	0.1	160.5	0.04	99.69
156.0-157.0	1.2	0.1	160.6	0.03	99.72
157.0-158.0	1.2	0.0	160.6	0.03	99.75
158.0-159.0	1.2	0.0	160.7	0.03	99.78
159.0-160.0	1.1	0.0	160.7	0.03	99.81
160.0-161.0	1.1	0.0	160.7	0.02	99.83
161.0-162.0	1.1	0.0	160.8	0.02	99.86
162.0-163.0	1.0	0.0	160.8	0.02	99.88
163.0-164.0	1.0	0.0	160.8	0.02	99.90
164.0-165.0	0.9	0.0	160.9	0.02	99.91
165.0-166.0	0.9	0.0	160.9	0.01	99.93
166.0-167.0	0.8	0.0	160.9	0.01	99.94
167.0-168.0	0.8	0.0	160.9	0.01	99.95
168.0-169.0	0.7	0.0	160.9	0.01	99.96
169.0-170.0	0.7	0.0	161.0	0.01	99.97
170.0-171.0	0.6	0.0	161.0	0.01	99.98
171.0-172.0	0.6	0.0	161.0	0.01	99.98
172.0-173.0	0.5	0.0	161.0	0.00	99.99
173.0-174.0	0.5	0.0	161.0	0.00	99.99
174.0-175.0	0.4	0.0	161.0	0.00	100.00
175.0-176.0	0.4	0.0	161.0	0.00	100.00
176.0-177.0	0.3	0.0	161.0	0.00	100.00
177.0-178.0	0.3	0.0	161.0	0.00	100.00
178.0-179.0	0.3	0.0	161.0	0.00	100.00
179.0-180.0	0.3	0.0	161.0	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: