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

Report No.: **Test Time: 2021/1/25 15:44**

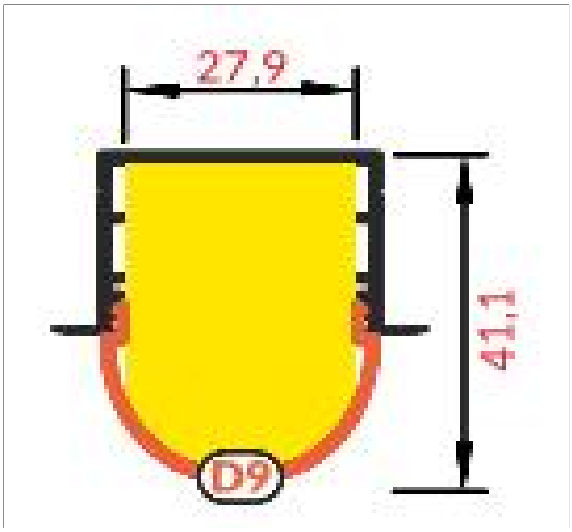
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: CHANNEL
Luminaire Description: AR25
Lamp Catalog: RIBBONLYTE
Lamp Description: RB90SWS2203.030
Number of Lamps: 2 ROWS
Luminous Length (mm): 500
Luminous Width (mm): 44.4
Luminous Height (mm): 41.1
Voltage: 24.0 V
Current: 0.433 A
Power: 10.39 W
Power Factor: 1.000

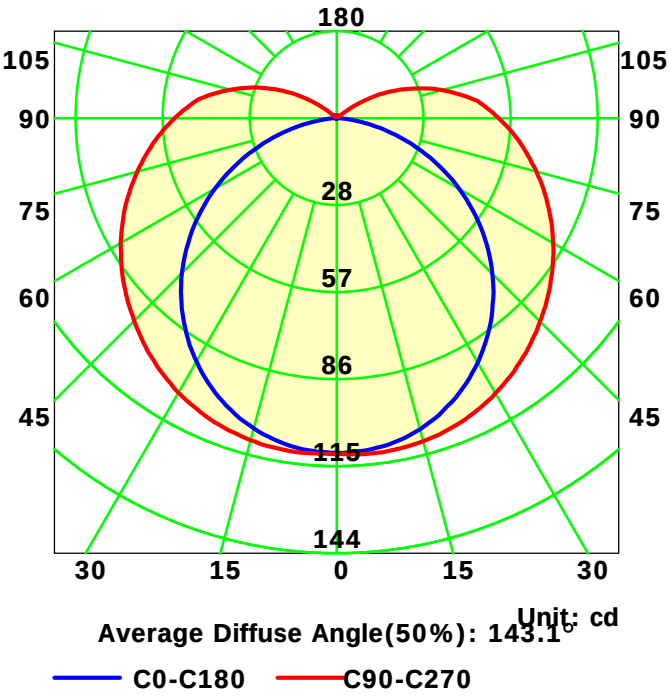
Photometric Results

CIE Class: Semi-Direct
Total Rated Lamp Lumens: 488.7 lm
Measurement Flux: 488.7 lm
Efficiency: 100%
Downward Ratio: 87%
Upward Ratio: 13%
Horizontal Diffuse Angle(10%,50%): H158.5,H110.5
Vertical Diffuse Angle(10%,50%): V246.1,V175.8
Luminaire Efficacy Rating (LER): 47
Central Intensity: 110.79 cd
Max. Intensity: 111.69 cd
Pos of Max. Intensity: H90 V8

Picture Of Luminaire



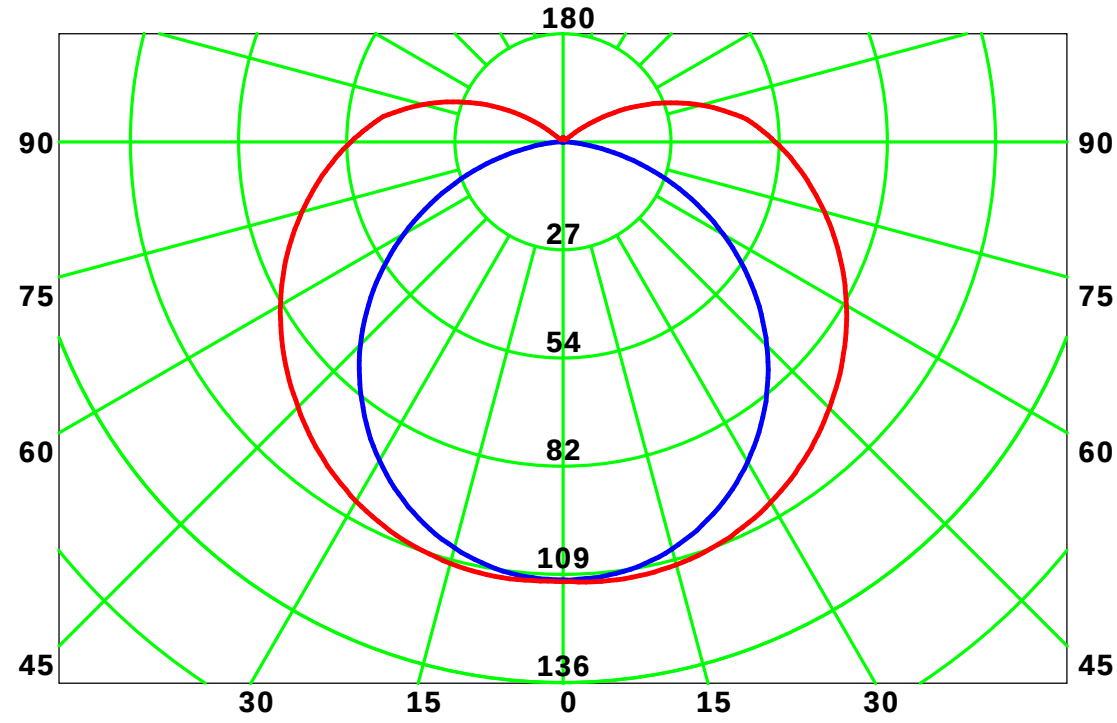
Luminous Intensity Distribution Curve

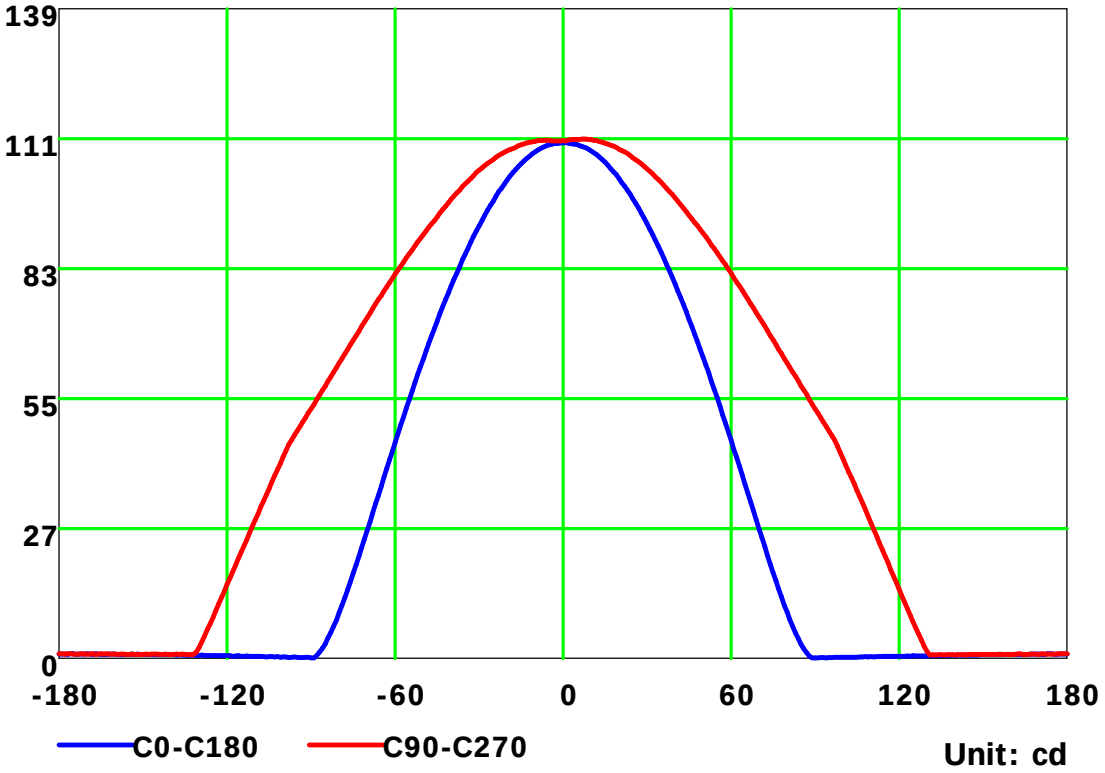


Unit: cd
Average Diffuse Angle(50%): 143.1°

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

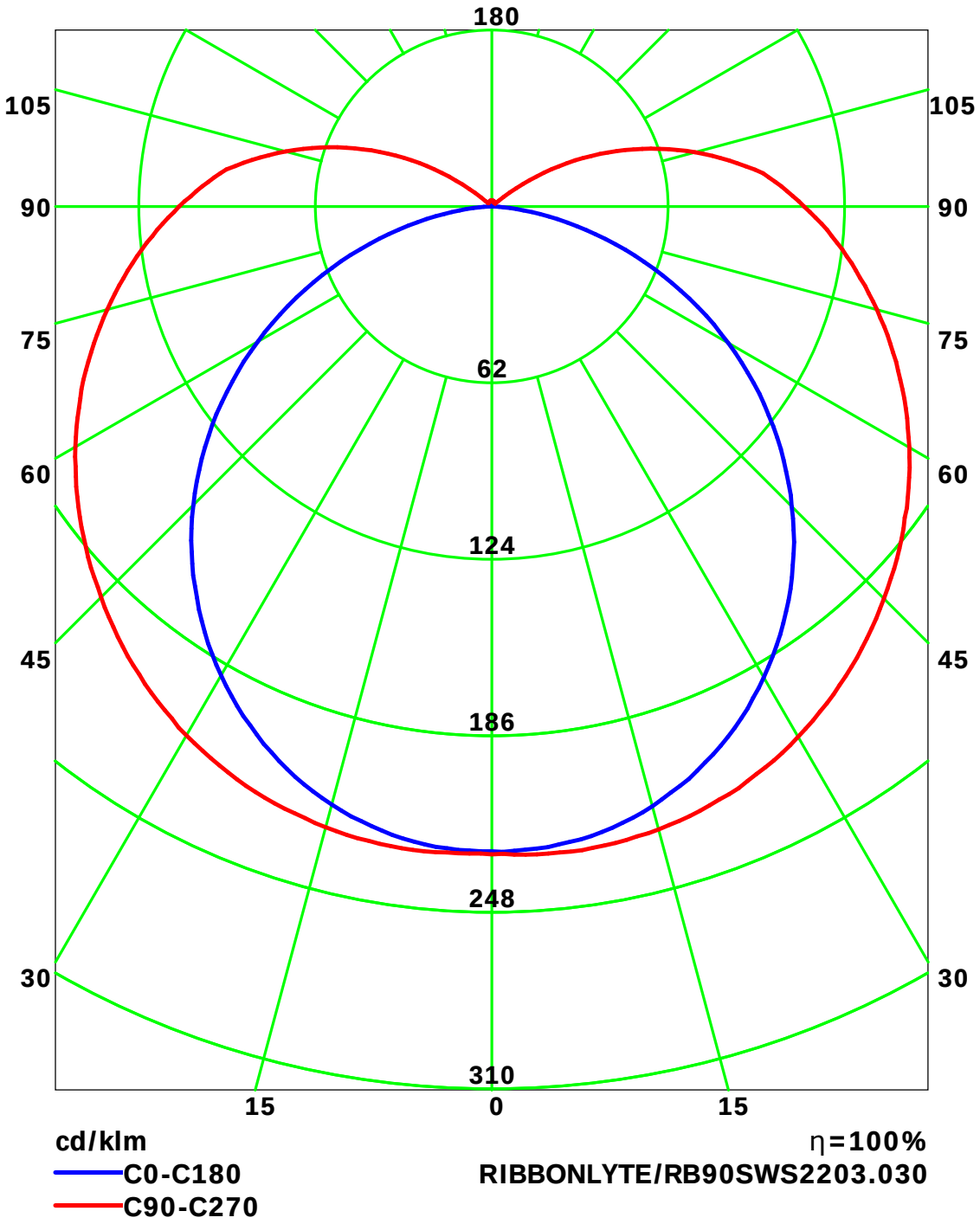




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

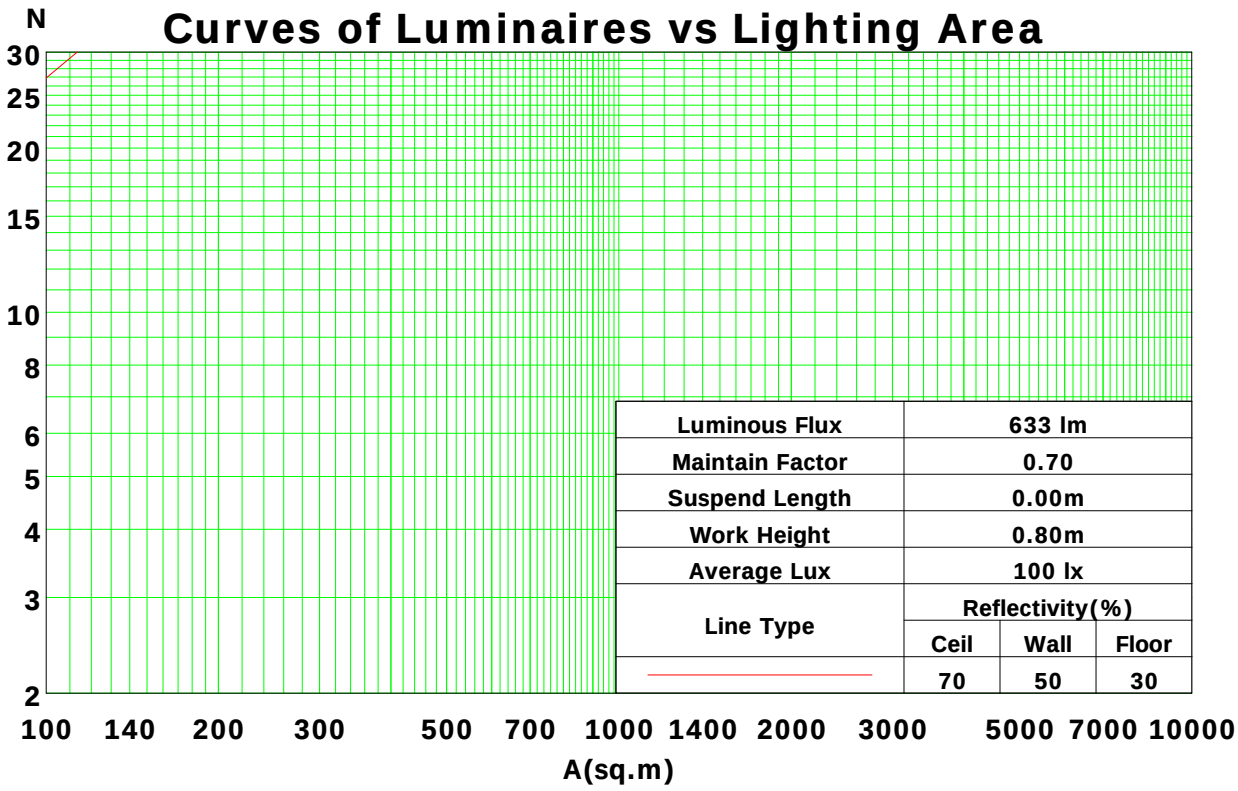
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	103	96	91	86	98	93	88	83	86	82	78	80	77	74	74	72	69	66
2	92	82	74	68	88	79	72	66	74	68	62	68	63	59	63	59	56	53
3	83	71	62	55	80	69	60	54	64	57	51	59	53	48	55	50	46	43
4	76	63	53	46	72	60	52	45	56	49	43	52	46	41	49	43	39	36
5	69	56	46	39	66	54	45	38	50	42	36	47	40	35	44	38	33	31
6	64	50	40	33	61	48	39	33	45	37	31	42	35	30	39	33	29	26
7	59	45	36	29	57	43	35	29	41	33	28	38	31	27	36	30	25	23
8	55	41	32	26	53	40	31	25	37	30	24	35	28	24	33	27	23	21
9	51	37	29	23	49	36	28	23	34	27	22	32	26	21	30	25	20	18
10	48	34	26	21	46	33	26	20	31	25	20	30	23	19	28	22	18	17

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.41
Spacing Criteria (Diagonal): 1.48

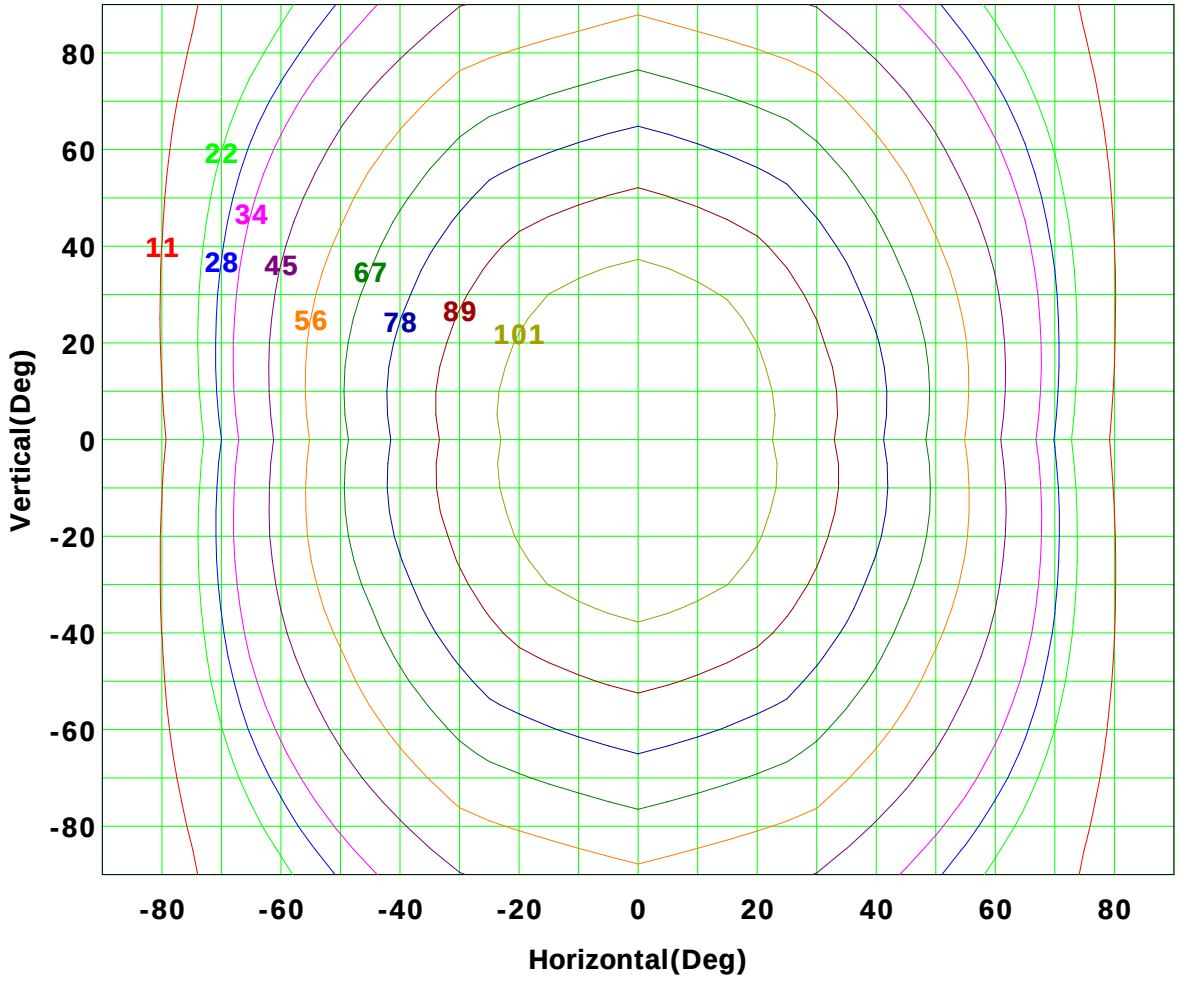
Curves of Luminaires vs Lighting Area



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)



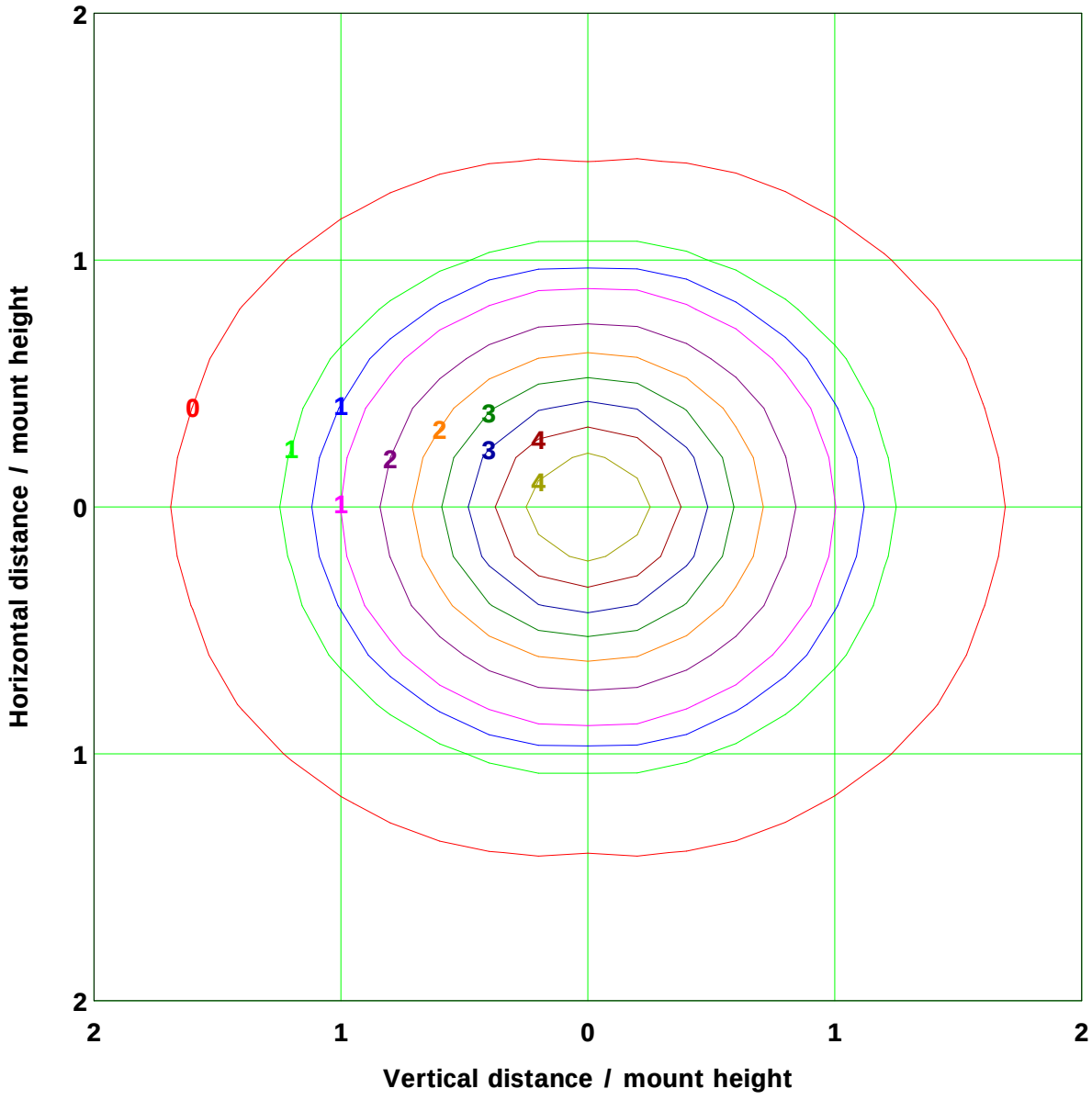
Imax (100%): 112 cd

(10%):	11 cd	(20%):	22 cd
(25%):	28 cd	(30%):	34 cd
(40%):	45 cd	(50%):	56 cd
(60%):	67 cd	(70%):	78 cd
(80%):	89 cd	(90%):	101 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%): 4.5 lx

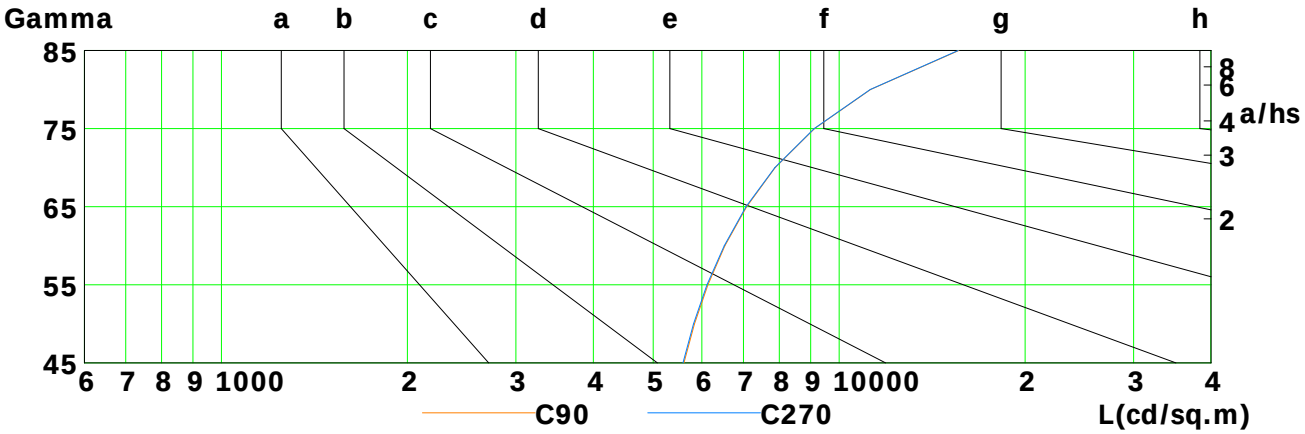
(10%): 0.4 lx	(20%): 0.9 lx
(25%): 1.1 lx	(30%): 1.3 lx
(40%): 1.8 lx	(50%): 2.2 lx
(60%): 2.7 lx	(70%): 3.1 lx
(80%): 3.6 lx	(90%): 4.0 lx

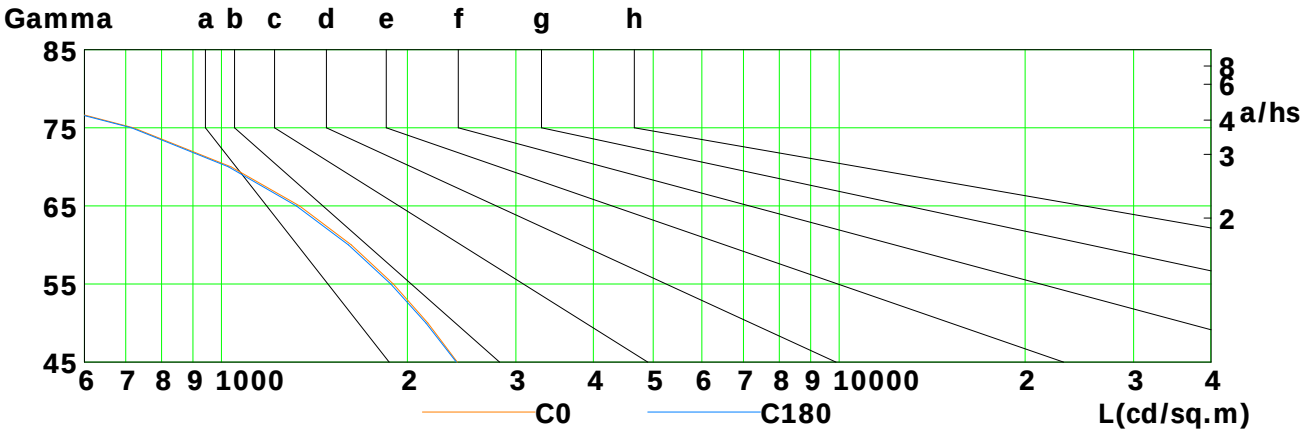
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



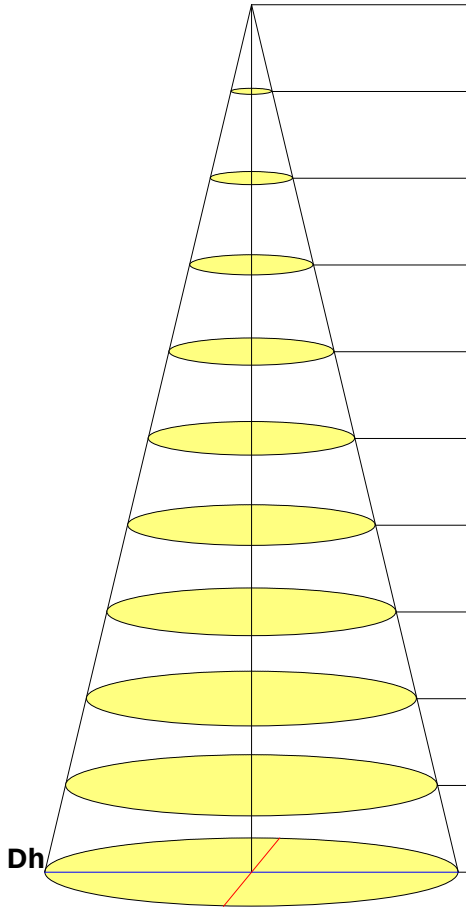


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2412	2160	1899	1624	1339	1037	721	414	139
C90	5610	5837	6133	6533	7088	7884	9126	11240	15626
C180	2400	2143	1880	1606	1323	1027	716	408	142
C270	5587	5813	6113	6516	7070	7871	9112	11237	15599

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



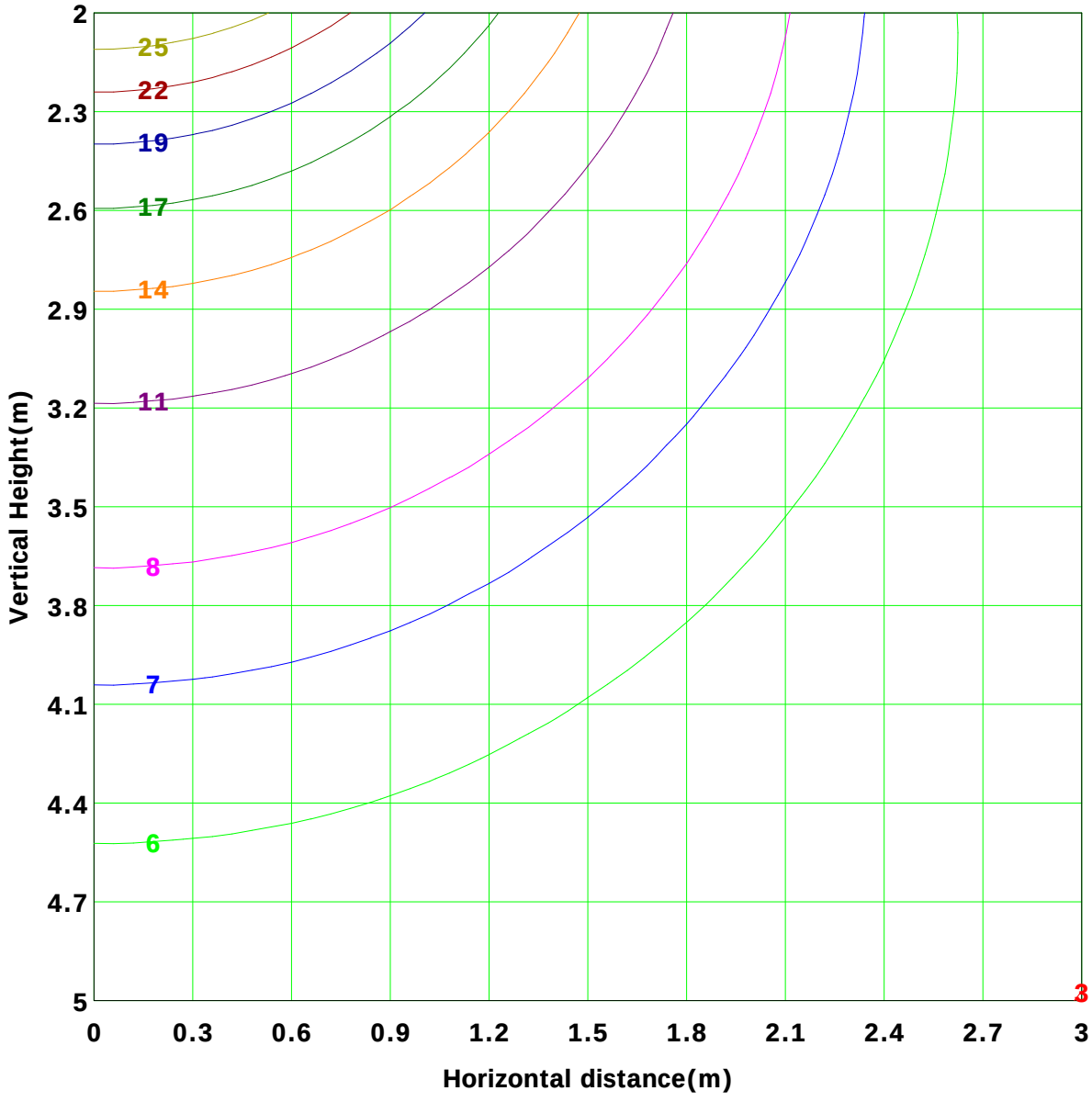
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	110.79	2.88/54.31	287.1	0.64
2.0	27.70	5.76/108.63	1148.3	0.16
3.0	12.31	8.64/162.94	2583.7	0.07
4.0	6.92	11.53/217.25	4593.3	0.04
5.0	4.43	14.41/271.56	7177.0	0.03
6.0	3.08	17.29/325.88	10334.8	0.02
7.0	2.26	20.17/380.19	14066.8	0.01
8.0	1.73	23.05/434.50	18373.0	0.01
9.0	1.37	25.93/488.81	23253.3	0.01
10.0	1.11	28.82/543.13	28707.8	0.01

Beam Angle(B): H110.5 V175.8 Field Angle(F): H158.5 V246.1

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: 27.7 lx

(10%): 2.8 lx	(20%): 5.5 lx
(25%): 6.9 lx	(30%): 8.3 lx
(40%): 11.1 lx	(50%): 13.8 lx
(60%): 16.6 lx	(70%): 19.4 lx
(80%): 22.2 lx	(90%): 24.9 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:

Area Flux Table

Unit: lm

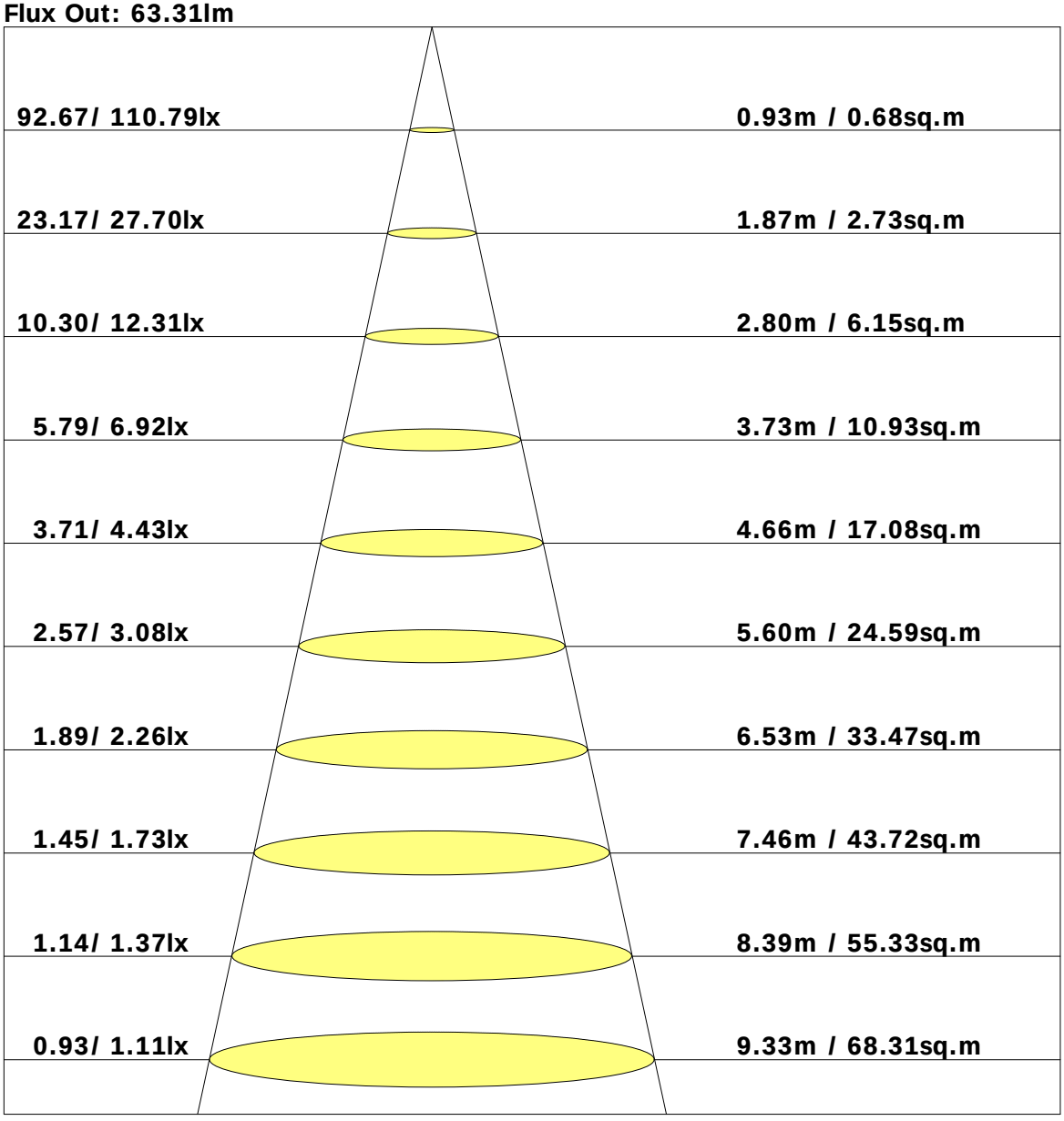
Horizontal plane	Vertical plane																									Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)						
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0						
-80	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	2.5	2.4						
-70	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	7.4	7.4						
-60	0.5	0.6	0.7	0.8	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.5	0.2	0.0	14.4	14.4						
-50	0.8	0.9	1.1	1.2	1.4	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.1	0.8	0.4	0.0	22.8	22.8						
-40	1.1	1.3	1.5	1.7	2.0	1.8	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.8	1.7	1.5	1.1	0.6	0.0	31.6	31.6						
-30	1.4	1.6	1.9	2.1	2.5	2.3	2.5	2.6	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	1.4	0.8	0.0	39.6	39.6						
-20	1.6	1.9	2.1	2.4	2.9	2.7	2.9	3.0	3.1	3.1	3.1	3.0	2.8	2.6	2.4	2.1	1.6	0.9	0.0	45.4	45.4						
-10	1.7	2.0	2.3	2.6	3.1	2.8	3.1	3.2	3.3	3.4	3.3	3.2	3.0	2.8	2.6	2.3	1.7	0.9	0.0	48.9	48.9						
0	1.7	2.0	2.3	2.6	3.1	2.8	3.2	3.2	3.3	3.4	3.3	3.2	3.1	2.8	2.6	2.3	1.7	0.9	0.0	49.0	49.0						
10	1.6	1.9	2.1	2.4	2.9	2.7	2.9	3.0	3.1	3.1	3.1	3.0	2.9	2.6	2.4	2.1	1.6	0.9	0.0	45.5	45.5						
20	1.4	1.6	1.9	2.1	2.5	2.3	2.5	2.6	2.7	2.7	2.7	2.6	2.5	2.3	2.1	1.9	1.4	0.8	0.0	39.8	39.8						
30	1.1	1.3	1.5	1.7	2.0	1.8	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.9	1.7	1.5	1.1	0.6	0.0	31.8	31.8						
40	0.8	0.9	1.1	1.2	1.4	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.1	0.8	0.4	0.0	22.9	22.9						
50	0.5	0.6	0.7	0.8	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.5	0.2	0.0	14.5	14.5						
60	0.2	0.3	0.3	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	7.4	7.4						
70	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	2.5	2.4						
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	0.3	0.0						
90	14.8	17.4	20.1	22.6	24.8	26.7	28.2	29.1	29.3	29.3	29.2	28.3	26.8	24.9	22.6	20.1	17.5	14.8	427								
Flux(T)	14.7	17.4	20.0	22.5	24.8	26.7	28.2	29.0	29.3	29.3	29.1	28.2	26.8	24.9	22.6	20.1	17.4	14.7									
Flux(E)	14.8	17.4	20.1	22.6	24.8	26.7	28.2	29.0	29.3	29.3	29.1	28.2	26.8	24.9	22.6	20.1	17.4	14.7	426								

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: 63.31lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	92.67/ 110.79lx		0.93m / 0.68sq.m
2.0m	23.17/ 27.70lx		1.87m / 2.73sq.m
3.0m	10.30/ 12.31lx		2.80m / 6.15sq.m
4.0m	5.79/ 6.92lx		3.73m / 10.93sq.m
5.0m	3.71/ 4.43lx		4.66m / 17.08sq.m
6.0m	2.57/ 3.08lx		5.60m / 24.59sq.m
7.0m	1.89/ 2.26lx		6.53m / 33.47sq.m
8.0m	1.45/ 1.73lx		7.46m / 43.72sq.m
9.0m	1.14/ 1.37lx		8.39m / 55.33sq.m
10.0m	0.93/ 1.11lx		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	16.9	18.4	17.4	18.9	19.5	17.7	19.2	18.2	19.7	20.3
3H	18.6	20.0	19.2	20.6	21.2	20.1	21.5	20.7	22.0	22.7
4H	19.3	20.6	19.8	21.1	21.8	21.3	22.6	21.8	23.1	23.8
6H	19.7	20.9	20.2	21.5	22.1	22.4	23.6	23.0	24.2	24.8
8H	19.8	20.9	20.4	21.5	22.2	22.9	24.1	23.5	24.7	25.3
12H	19.8	20.9	20.4	21.5	22.2	23.4	24.5	24.0	25.1	25.8
X=4H Y=2H	17.7	19.0	18.2	19.5	20.2	18.3	19.6	18.9	20.1	20.8
3H	19.7	20.8	20.2	21.4	22.1	21.0	22.1	21.6	22.7	23.4
4H	20.4	21.5	21.0	22.1	22.8	22.3	23.3	22.9	23.9	24.7
6H	21.0	21.9	21.6	22.6	23.3	23.6	24.5	24.2	25.2	25.9
8H	21.2	22.1	21.8	22.7	23.4	24.2	25.1	24.8	25.7	26.5
12H	21.3	22.1	22.0	22.8	23.5	24.8	25.6	25.5	26.3	27.0
X=8H Y=4H	21.1	21.9	21.7	22.6	23.3	22.6	23.5	23.3	24.1	24.9
6H	21.9	22.6	22.5	23.3	24.0	24.1	24.9	24.8	25.6	26.3
8H	22.2	22.9	22.9	23.6	24.3	24.9	25.6	25.6	26.3	27.1
12H	22.4	23.0	23.1	23.7	24.5	25.7	26.3	26.4	27.0	27.8
X=12H Y=4H	21.2	22.0	21.9	22.7	23.4	22.7	23.5	23.3	24.1	24.9
6H	22.2	22.8	22.8	23.5	24.3	24.3	24.9	24.9	25.6	26.4
8H	22.6	23.2	23.2	23.8	24.7	25.1	25.7	25.8	26.4	27.2

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 = 1.50				
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	0.50	0.58	0.65	0.70	0.77	0.82	0.86	0.91	0.94
	0.30		0.42	0.49	0.57	0.62	0.70	0.76	0.80	0.86	0.90
	0.20		0.36	0.43	0.50	0.56	0.64	0.70	0.75	0.81	0.86
0.50	0.50	0.20	0.47	0.54	0.61	0.65	0.72	0.77	0.80	0.85	0.88
	0.30		0.40	0.47	0.54	0.59	0.66	0.71	0.75	0.80	0.84
	0.20		0.35	0.42	0.48	0.53	0.61	0.66	0.71	0.76	0.81
0.30	0.50	0.20	0.45	0.51	0.57	0.61	0.67	0.71	0.75	0.79	0.82
	0.30		0.38	0.45	0.51	0.56	0.62	0.67	0.70	0.75	0.79
	0.20		0.34	0.40	0.46	0.51	0.58	0.63	0.67	0.72	0.76
0.00	0.00	0.00	0.30	0.36	0.42	0.46	0.52	0.57	0.60	0.65	0.68

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	1.03	0.89	0.77	0.69	0.57	0.48	0.42	0.34	0.28
	0.30		0.86	0.76	0.67	0.61	0.51	0.44	0.39	0.32	0.27
	0.20		0.74	0.67	0.60	0.55	0.47	0.41	0.37	0.30	0.26
0.50	0.50	0.20	0.97	0.84	0.73	0.65	0.53	0.48	0.40	0.32	0.27
	0.30		0.82	0.73	0.64	0.58	0.49	0.42	0.37	0.30	0.26
	0.20		0.71	0.64	0.57	0.52	0.45	0.39	0.35	0.29	0.25
0.30	0.50	0.20	0.91	0.79	0.68	0.61	0.50	0.43	0.37	0.30	0.25
	0.30		0.78	0.69	0.61	0.55	0.46	0.40	0.35	0.29	0.24
	0.20		0.68	0.62	0.55	0.50	0.43	0.37	0.33	0.27	0.23
0.00	0.00	0.00	0.57	0.51	0.45	0.41	0.35	0.31	0.27	0.22	0.19

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	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.34	0.34
	0.30		0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31
	0.20		0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28
0.50	0.50	0.20	0.28	0.29	0.30	0.31	0.32	0.32	0.32	0.33	0.33
	0.30		0.21	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
	0.20		0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.26	0.27
0.30	0.50	0.20	0.27	0.28	0.29	0.30	0.30	0.31	0.31	0.31	0.32
	0.30		0.21	0.22	0.23	0.24	0.26	0.27	0.27	0.28	0.29
	0.20		0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.26
0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13

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	111.2	0.1	0.1	0.02	0.02
1.0-2.0	111.2	0.3	0.4	0.07	0.09
2.0-3.0	111.2	0.5	1.0	0.11	0.20
3.0-4.0	111.1	0.7	1.7	0.15	0.35
4.0-5.0	111.1	1.0	2.7	0.20	0.54
5.0-6.0	111.0	1.2	3.8	0.24	0.78
6.0-7.0	110.9	1.4	5.2	0.28	1.06
7.0-8.0	110.8	1.6	6.8	0.32	1.39
8.0-9.0	110.7	1.8	8.6	0.37	1.76
9.0-10.0	110.4	2.0	10.6	0.41	2.17
10.0-11.0	110.2	2.2	12.8	0.45	2.62
11.0-12.0	109.9	2.4	15.2	0.49	3.11
12.0-13.0	109.6	2.6	17.8	0.53	3.64
13.0-14.0	109.3	2.8	20.6	0.57	4.21
14.0-15.0	108.9	3.0	23.6	0.61	4.82
15.0-16.0	108.6	3.2	26.8	0.65	5.48
16.0-17.0	108.1	3.4	30.1	0.69	6.16
17.0-18.0	107.7	3.6	33.7	0.73	6.89
18.0-19.0	107.2	3.7	37.4	0.76	7.65
19.0-20.0	106.7	3.9	41.3	0.80	8.45
20.0-21.0	106.1	4.1	45.4	0.83	9.29
21.0-22.0	105.5	4.2	49.6	0.87	10.16
22.0-23.0	105.0	4.4	54.0	0.90	11.06
23.0-24.0	104.3	4.6	58.6	0.93	11.99
24.0-25.0	103.7	4.7	63.3	0.96	12.95
25.0-26.0	103.0	4.9	68.2	0.99	13.95
26.0-27.0	102.3	5.0	73.2	1.02	14.97
27.0-28.0	101.5	5.1	78.3	1.05	16.03
28.0-29.0	100.7	5.3	83.6	1.08	17.10
29.0-30.0	100.0	5.4	89.0	1.10	18.21
30.0-31.0	99.1	5.5	94.5	1.13	19.34
31.0-32.0	98.3	5.6	100.1	1.15	20.49
32.0-33.0	97.4	5.7	105.9	1.17	21.66
33.0-34.0	96.5	5.8	111.7	1.20	22.86
34.0-35.0	95.6	5.9	117.6	1.22	24.07
35.0-36.0	94.7	6.0	123.7	1.23	25.31

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	93.7	6.1	129.8	1.25	26.56
37.0-38.0	92.7	6.2	136.0	1.27	27.83
38.0-39.0	91.7	6.3	142.2	1.28	29.11
39.0-40.0	90.7	6.3	148.6	1.29	30.40
40.0-41.0	89.6	6.4	155.0	1.31	31.71
41.0-42.0	88.6	6.4	161.4	1.32	33.02
42.0-43.0	87.5	6.5	167.9	1.33	34.35
43.0-44.0	86.4	6.5	174.4	1.33	35.69
44.0-45.0	85.2	6.6	180.9	1.34	37.03
45.0-46.0	84.1	6.6	187.5	1.35	38.37
46.0-47.0	83.0	6.6	194.1	1.35	39.72
47.0-48.0	81.8	6.6	200.7	1.35	41.08
48.0-49.0	80.6	6.6	207.4	1.36	42.43
49.0-50.0	79.5	6.6	214.0	1.36	43.79
50.0-51.0	78.2	6.6	220.6	1.35	45.14
51.0-52.0	77.0	6.6	227.2	1.35	46.50
52.0-53.0	75.8	6.6	233.8	1.35	47.85
53.0-54.0	74.6	6.6	240.4	1.35	49.19
54.0-55.0	73.4	6.5	246.9	1.34	50.53
55.0-56.0	72.1	6.5	253.5	1.33	51.87
56.0-57.0	70.8	6.5	259.9	1.33	53.19
57.0-58.0	69.6	6.4	266.4	1.32	54.51
58.0-59.0	68.3	6.4	272.8	1.31	55.82
59.0-60.0	67.0	6.3	279.1	1.30	57.11
60.0-61.0	65.7	6.3	285.4	1.28	58.40
61.0-62.0	64.4	6.2	291.6	1.27	59.67
62.0-63.0	63.1	6.1	297.7	1.26	60.92
63.0-64.0	61.8	6.1	303.8	1.24	62.16
64.0-65.0	60.5	6.0	309.8	1.23	63.39
65.0-66.0	59.2	5.9	315.7	1.21	64.60
66.0-67.0	57.9	5.8	321.5	1.19	65.79
67.0-68.0	56.6	5.7	327.2	1.17	66.97
68.0-69.0	55.3	5.6	332.9	1.15	68.12
69.0-70.0	54.0	5.5	338.4	1.14	69.26
70.0-71.0	52.7	5.4	343.9	1.12	70.37
71.0-72.0	51.4	5.3	349.2	1.09	71.47

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	50.1	5.2	354.5	1.07	72.54
73.0-74.0	48.8	5.1	359.6	1.05	73.59
74.0-75.0	47.6	5.0	364.6	1.03	74.62
75.0-76.0	46.3	4.9	369.6	1.01	75.62
76.0-77.0	45.0	4.8	374.4	0.98	76.61
77.0-78.0	43.8	4.7	379.0	0.96	77.57
78.0-79.0	42.6	4.6	383.6	0.94	78.50
79.0-80.0	41.4	4.5	388.1	0.91	79.41
80.0-81.0	40.2	4.3	392.4	0.89	80.30
81.0-82.0	39.0	4.2	396.7	0.87	81.17
82.0-83.0	37.9	4.1	400.8	0.84	82.01
83.0-84.0	36.8	4.0	404.8	0.82	82.83
84.0-85.0	35.7	3.9	408.7	0.80	83.63
85.0-86.0	34.7	3.8	412.5	0.78	84.40
86.0-87.0	33.7	3.7	416.1	0.75	85.16
87.0-88.0	32.7	3.6	419.7	0.73	85.89
88.0-89.0	31.8	3.5	423.2	0.71	86.61
89.0-90.0	31.0	3.4	426.6	0.70	87.30
90.0-91.0	30.3	3.3	430.0	0.68	87.98
91.0-92.0	29.6	3.2	433.2	0.66	88.65
92.0-93.0	28.9	3.2	436.4	0.65	89.30
93.0-94.0	28.2	3.1	439.5	0.63	89.93
94.0-95.0	27.4	3.0	442.4	0.61	90.54
95.0-96.0	26.6	2.9	445.4	0.60	91.14
96.0-97.0	25.8	2.8	448.2	0.58	91.71
97.0-98.0	25.0	2.7	450.9	0.56	92.27
98.0-99.0	24.0	2.6	453.5	0.53	92.80
99.0-100.0	23.1	2.5	456.0	0.51	93.31
100.0-101.0	22.1	2.4	458.4	0.49	93.80
101.0-102.0	21.2	2.3	460.6	0.47	94.26
102.0-103.0	20.2	2.2	462.8	0.44	94.71
103.0-104.0	19.3	2.1	464.9	0.42	95.13
104.0-105.0	18.3	1.9	466.8	0.40	95.53
105.0-106.0	17.4	1.8	468.7	0.38	95.90
106.0-107.0	16.4	1.7	470.4	0.35	96.26
107.0-108.0	15.5	1.6	472.0	0.33	96.59

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	14.5	1.5	473.5	0.31	96.90
109.0-110.0	13.6	1.4	474.9	0.29	97.18
110.0-111.0	12.7	1.3	476.2	0.27	97.45
111.0-112.0	11.7	1.2	477.4	0.24	97.69
112.0-113.0	10.8	1.1	478.5	0.22	97.92
113.0-114.0	10.1	1.0	479.5	0.21	98.13
114.0-115.0	9.4	0.9	480.5	0.19	98.32
115.0-116.0	8.7	0.9	481.3	0.18	98.49
116.0-117.0	8.0	0.8	482.1	0.16	98.65
117.0-118.0	7.4	0.7	482.8	0.15	98.80
118.0-119.0	6.7	0.7	483.5	0.13	98.93
119.0-120.0	6.1	0.6	484.1	0.12	99.05
120.0-121.0	5.5	0.5	484.6	0.11	99.16
121.0-122.0	4.8	0.4	485.0	0.09	99.25
122.0-123.0	4.2	0.4	485.4	0.08	99.33
123.0-124.0	3.6	0.3	485.7	0.07	99.40
124.0-125.0	2.9	0.3	486.0	0.05	99.45
125.0-126.0	2.4	0.2	486.2	0.04	99.49
126.0-127.0	1.8	0.2	486.4	0.03	99.53
127.0-128.0	1.5	0.1	486.5	0.03	99.55
128.0-129.0	1.3	0.1	486.6	0.02	99.58
129.0-130.0	1.1	0.1	486.7	0.02	99.59
130.0-131.0	0.9	0.1	486.8	0.02	99.61
131.0-132.0	0.8	0.1	486.8	0.01	99.62
132.0-133.0	0.8	0.1	486.9	0.01	99.64
133.0-134.0	0.8	0.1	487.0	0.01	99.65
134.0-135.0	0.8	0.1	487.0	0.01	99.66
135.0-136.0	0.8	0.1	487.1	0.01	99.67
136.0-137.0	0.8	0.1	487.1	0.01	99.69
137.0-138.0	0.8	0.1	487.2	0.01	99.70
138.0-139.0	0.8	0.1	487.3	0.01	99.71
139.0-140.0	0.8	0.1	487.3	0.01	99.72
140.0-141.0	0.8	0.1	487.4	0.01	99.74
141.0-142.0	0.9	0.1	487.4	0.01	99.75
142.0-143.0	0.9	0.1	487.5	0.01	99.76
143.0-144.0	0.9	0.1	487.6	0.01	99.77

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	0.9	0.1	487.6	0.01	99.78
145.0-146.0	0.9	0.1	487.7	0.01	99.79
146.0-147.0	0.9	0.1	487.7	0.01	99.80
147.0-148.0	0.9	0.1	487.8	0.01	99.82
148.0-149.0	0.9	0.1	487.8	0.01	99.83
149.0-150.0	0.9	0.1	487.9	0.01	99.84
150.0-151.0	0.9	0.0	487.9	0.01	99.85
151.0-152.0	0.9	0.0	488.0	0.01	99.86
152.0-153.0	0.9	0.0	488.0	0.01	99.87
153.0-154.0	0.9	0.0	488.1	0.01	99.87
154.0-155.0	0.9	0.0	488.1	0.01	99.88
155.0-156.0	0.9	0.0	488.2	0.01	99.89
156.0-157.0	0.9	0.0	488.2	0.01	99.90
157.0-158.0	0.9	0.0	488.2	0.01	99.91
158.0-159.0	0.9	0.0	488.3	0.01	99.92
159.0-160.0	0.9	0.0	488.3	0.01	99.92
160.0-161.0	0.9	0.0	488.3	0.01	99.93
161.0-162.0	1.0	0.0	488.4	0.01	99.94
162.0-163.0	1.0	0.0	488.4	0.01	99.94
163.0-164.0	1.0	0.0	488.4	0.01	99.95
164.0-165.0	1.0	0.0	488.5	0.01	99.96
165.0-166.0	1.0	0.0	488.5	0.01	99.96
166.0-167.0	1.0	0.0	488.5	0.01	99.97
167.0-168.0	1.0	0.0	488.5	0.00	99.97
168.0-169.0	1.0	0.0	488.6	0.00	99.98
169.0-170.0	1.0	0.0	488.6	0.00	99.98
170.0-171.0	1.0	0.0	488.6	0.00	99.98
171.0-172.0	1.0	0.0	488.6	0.00	99.99
172.0-173.0	1.0	0.0	488.6	0.00	99.99
173.0-174.0	1.0	0.0	488.6	0.00	99.99
174.0-175.0	1.0	0.0	488.7	0.00	100.00
175.0-176.0	1.0	0.0	488.7	0.00	100.00
176.0-177.0	1.0	0.0	488.7	0.00	100.00
177.0-178.0	1.0	0.0	488.7	0.00	100.00
178.0-179.0	1.0	0.0	488.7	0.00	100.00
179.0-180.0	1.0	0.0	488.7	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: