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

Report No.: **Test Time: 2020/11/18 15:26**

Luminaire Property

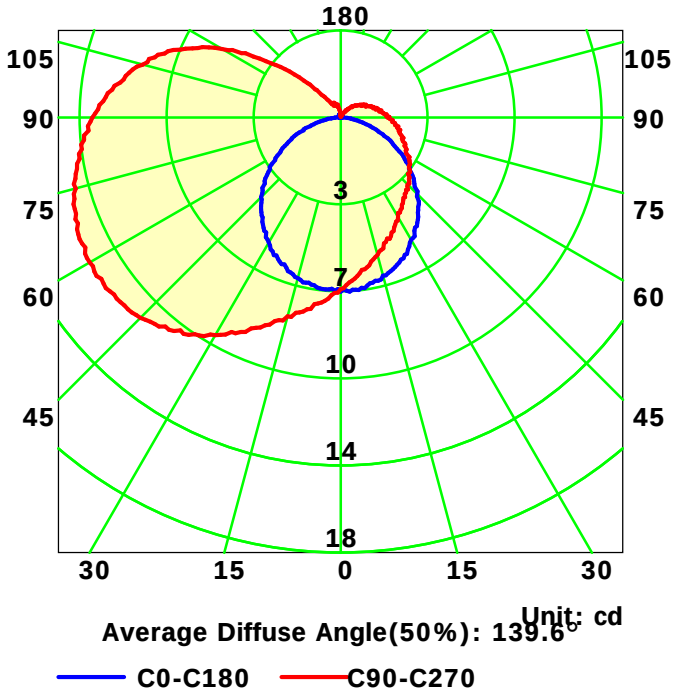
Luminaire Manufacturer:
Luminaire Category: Contour 3.0
Luminaire Description: NEON+RB0RGB203.0RGB-9N-RGB
Lamp Catalog: 9N-R+G+B **Lamp Description: 3528 RGB**
Number of Lamps: 126 **Luminous Length (mm): 500**
Luminous Width (mm): 8 **Luminous Height (mm): 12**
Voltage: 24.0 V **Current: 0.212 A**
Power: 5.10 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 45.2 lm**
Measurement Flux: 45.2 lm **Efficiency: 100%**
Downward Ratio: 76% **Upward Ratio: 24%**
Horizontal Diffuse Angle(10%,50%): H158.7,H107.2
Vertical Diffuse Angle(10%,50%): V271.8,V172.1
Luminaire Efficacy Rating (LER): 9 **Central Intensity: 7.23 cd**
Max. Intensity: 12.08 cd **Pos of Max. Intensity: H270 V57**

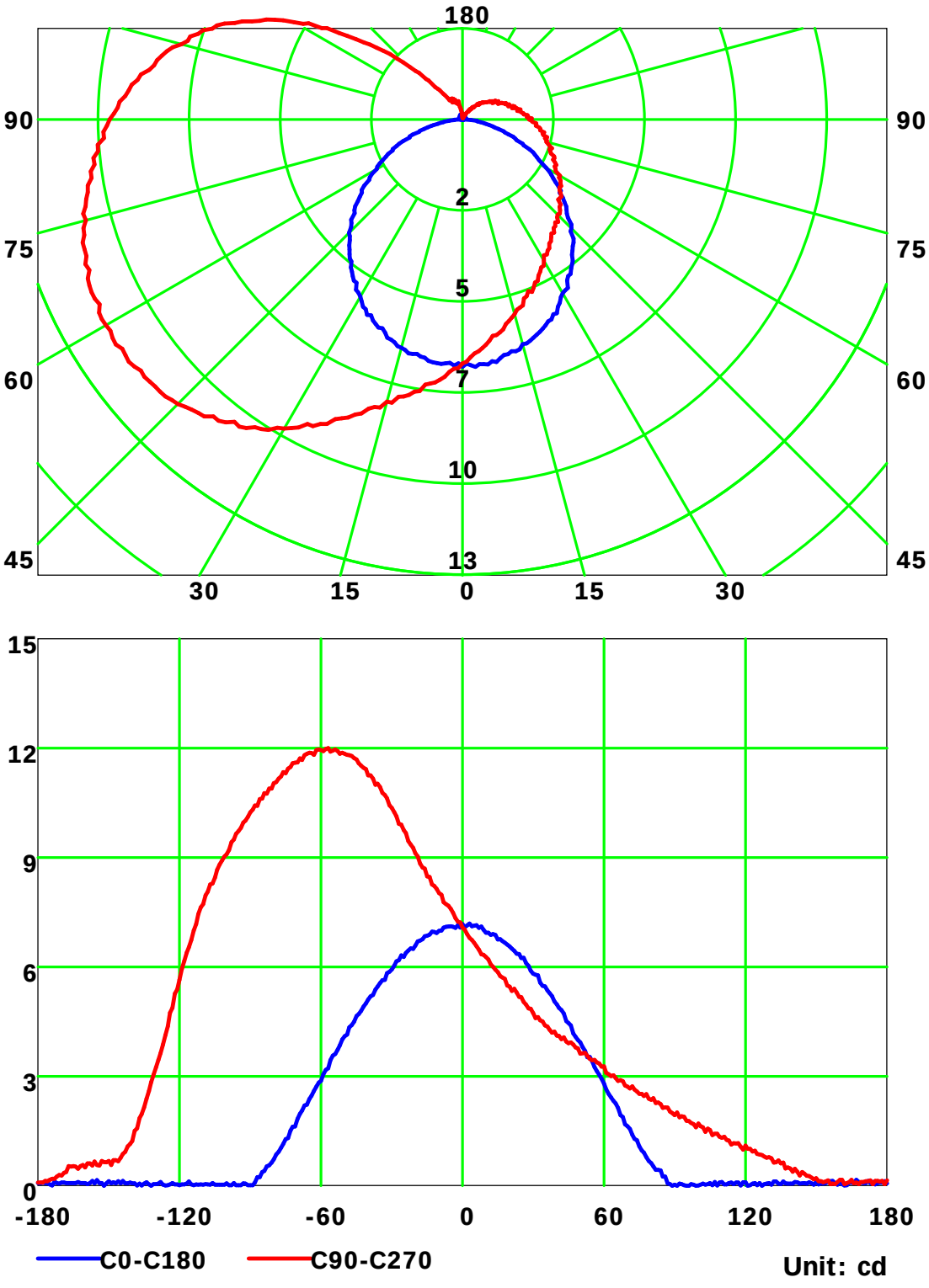
Picture Of Luminaire

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:**

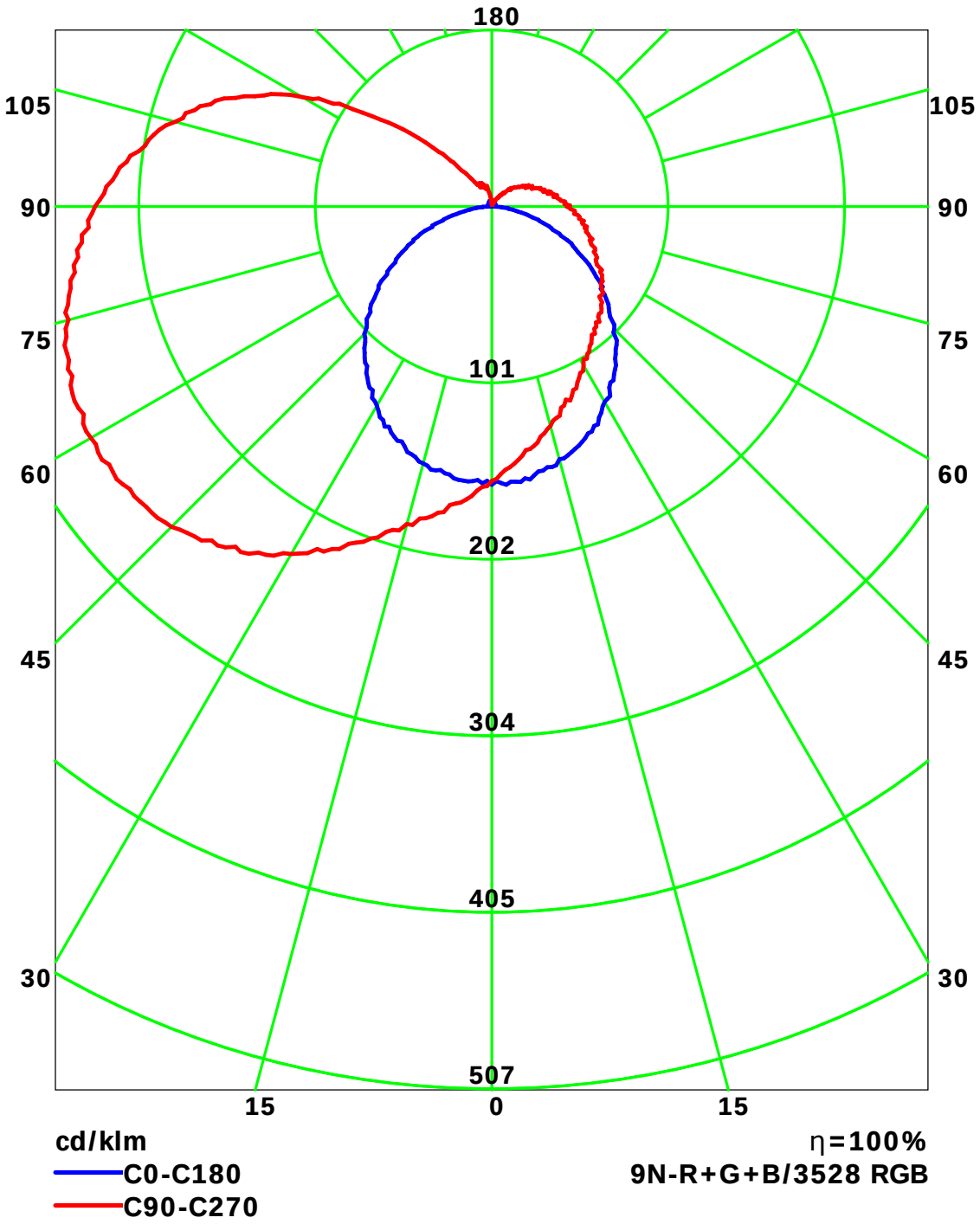
Luminous Intensity Distribution Curve



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

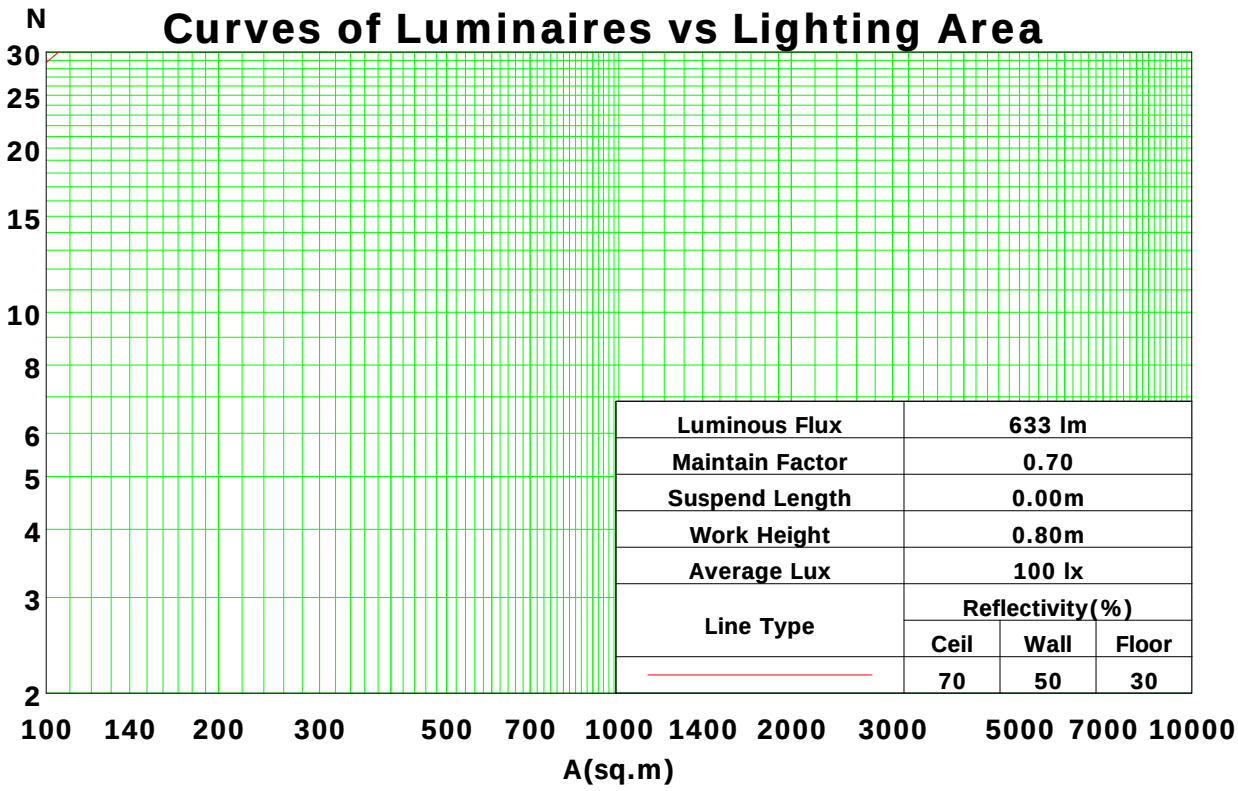
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	108	108	108	108	98	98	98	89	89	89	80	80	80	76
1	99	93	87	82	94	88	83	78	79	75	71	71	68	65	64	61	59	55
2	88	78	70	63	83	74	67	61	67	61	55	60	55	51	53	49	46	42
3	80	68	58	51	75	64	56	49	58	51	45	52	46	41	46	41	37	34
4	72	59	49	42	68	56	47	40	50	43	37	45	39	34	40	35	31	28
5	66	52	42	35	62	50	41	34	45	37	31	40	34	29	36	31	26	23
6	61	46	37	30	57	44	35	29	40	32	27	36	30	25	32	27	23	20
7	56	42	33	26	53	40	31	25	36	29	23	33	26	22	29	24	20	17
8	52	38	29	23	49	36	28	22	33	26	21	30	24	19	27	21	17	15
9	48	35	26	20	46	33	25	20	30	23	18	27	21	17	25	19	16	13
10	45	32	24	18	43	30	23	18	28	21	16	25	19	15	23	18	14	12

Spacing Criteria (0-180): 1.23
Spacing Criteria (90-270): 1.65
Spacing Criteria (Diagonal): 1.60

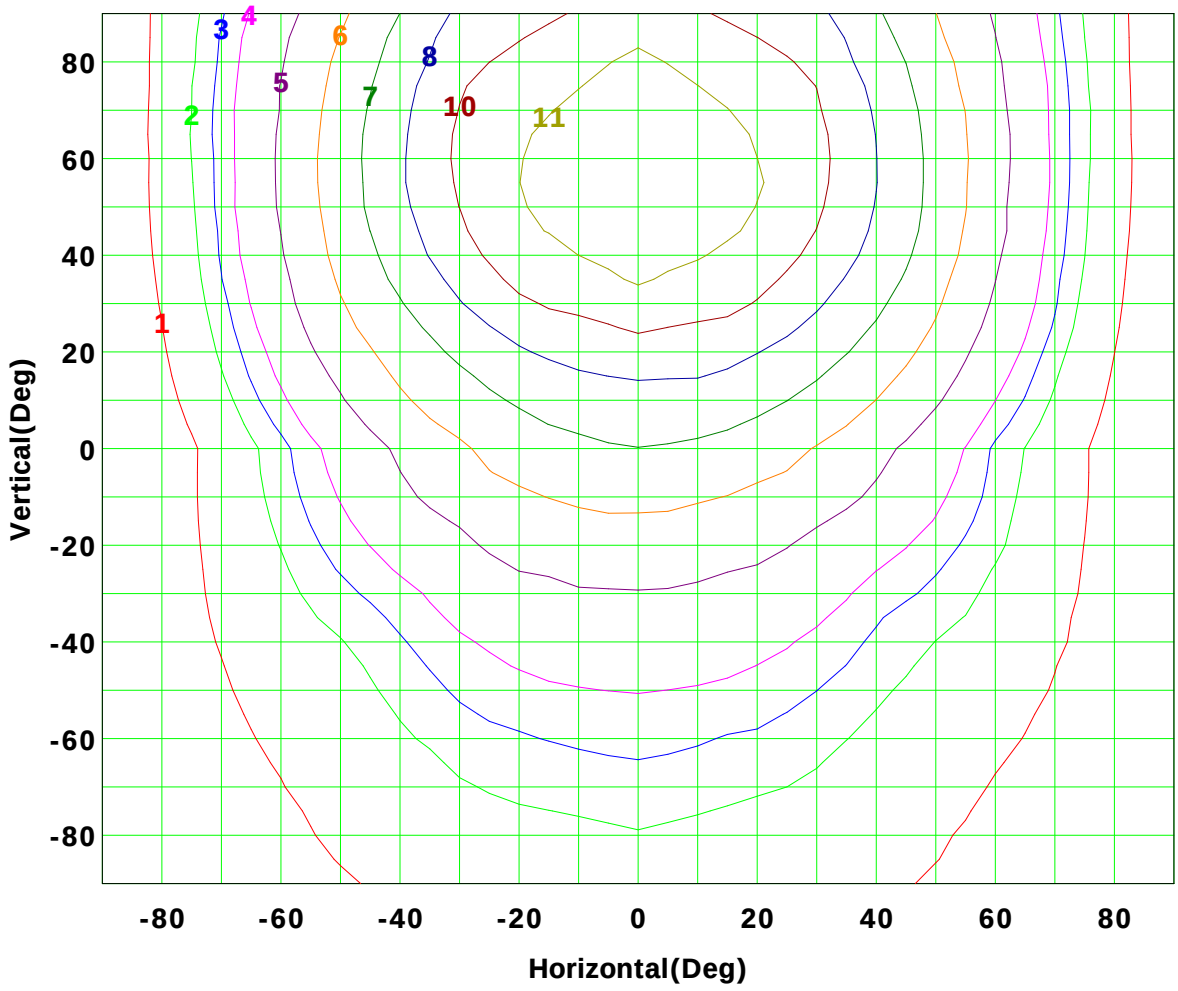
Curves of Luminaires vs Lighting Area



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)



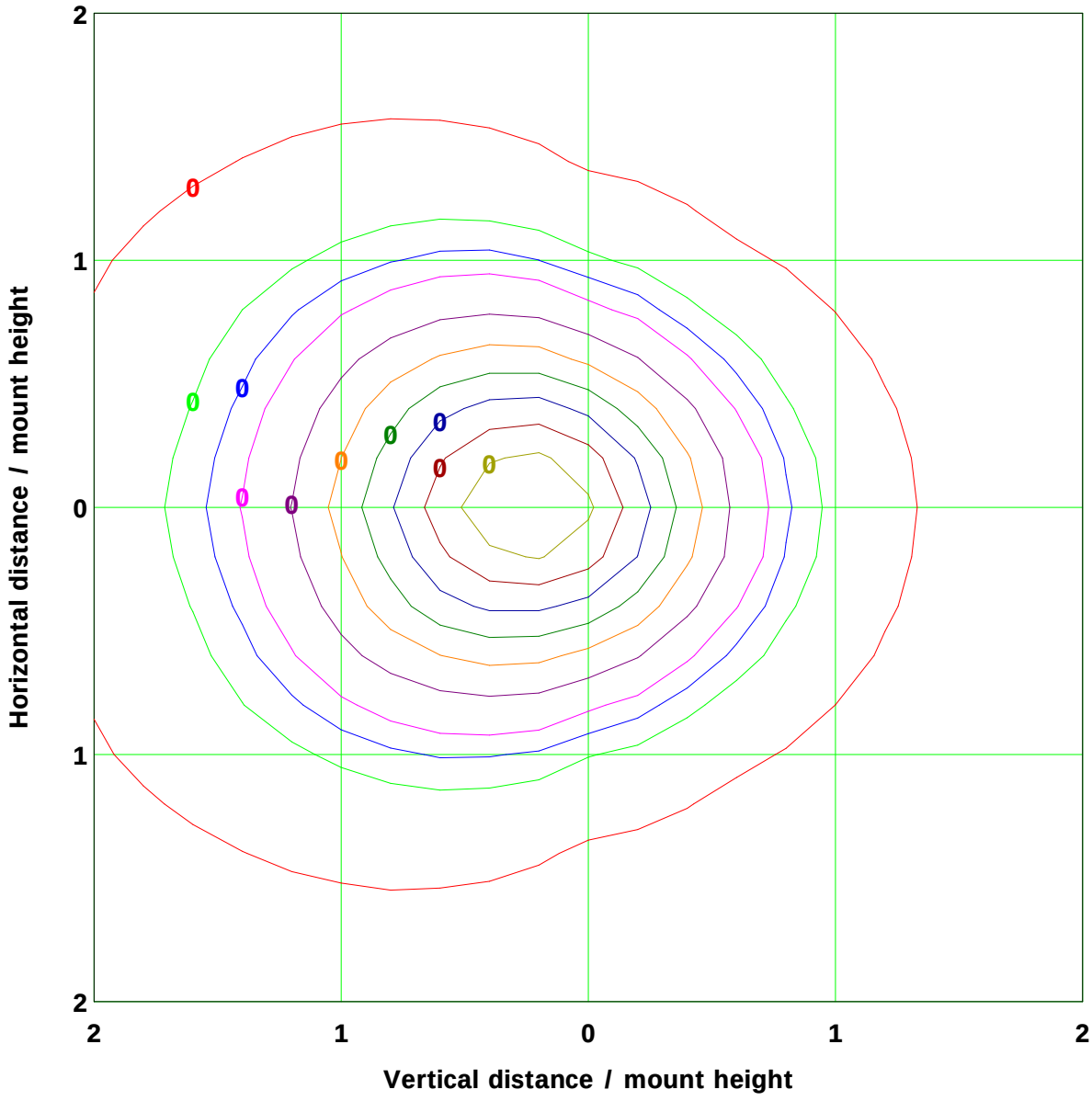
Imax (100%): 12 cd

(10%):	1 cd	(20%):	2 cd
(25%):	3 cd	(30%):	4 cd
(40%):	5 cd	(50%):	6 cd
(60%):	7 cd	(70%):	8 cd
(80%):	10 cd	(90%):	11 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%): 0.3 lx

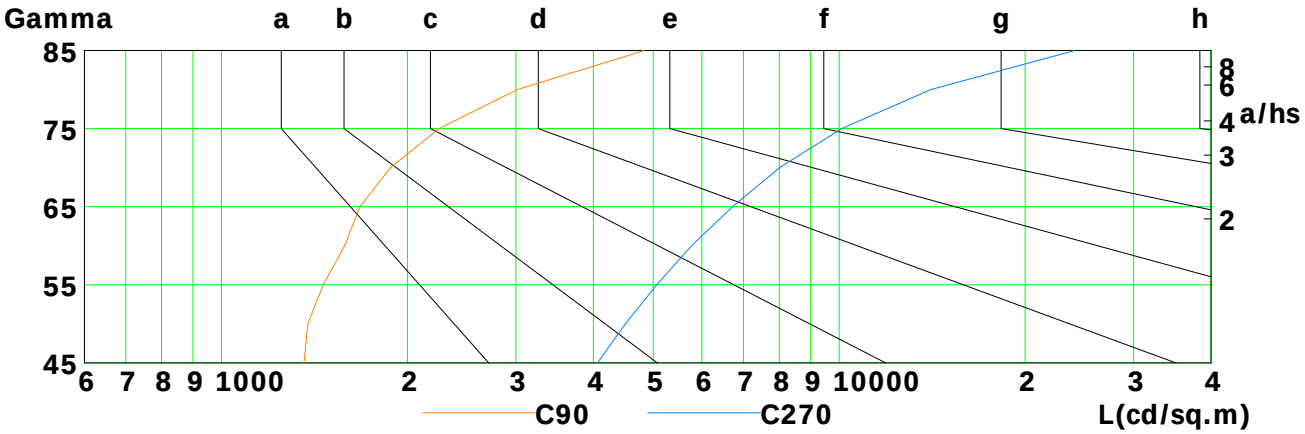
(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.2 lx
(60%): 0.2 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.3 lx

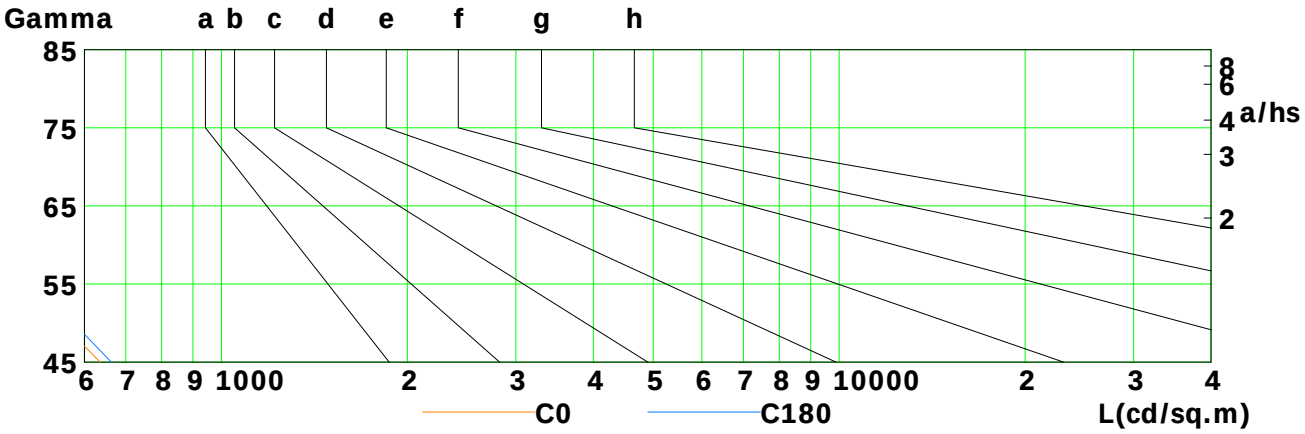
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



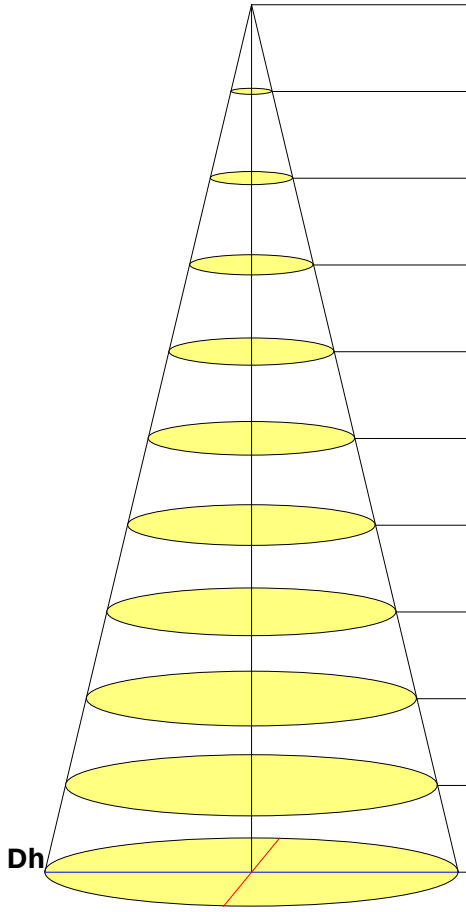


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	636	553	477	392	320	236	160	95	41
C90	1360	1380	1462	1584	1677	1879	2252	3016	4840
C180	663	576	499	403	337	264	189	111	60
C270	4064	4511	5065	5775	6729	8016	10097	14091	24063

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



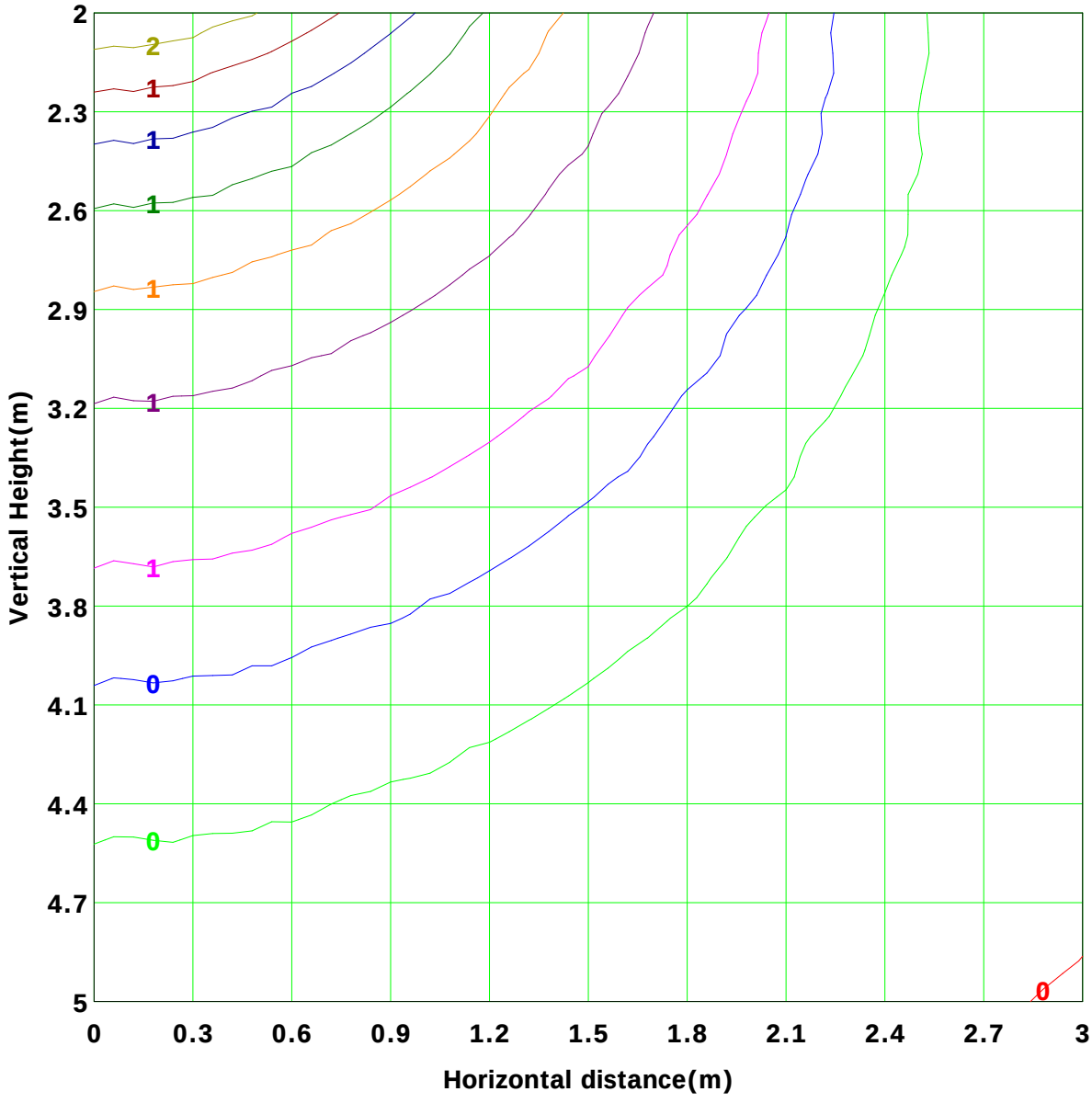
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	7.23	2.71/28.91	NA	NA
2.0	1.81	5.43/57.82	NA	NA
3.0	0.80	8.14/86.73	NA	NA
4.0	0.45	10.85/115.64	NA	NA
5.0	0.29	13.57/144.55	NA	NA
6.0	0.20	16.28/173.46	NA	NA
7.0	0.15	18.99/202.37	NA	NA
8.0	0.11	21.71/231.28	NA	NA
9.0	0.09	24.42/260.19	NA	NA
10.0	0.07	27.13/289.10	NA	NA

Beam Angle(B): H107.2 V172.1 Field Angle(F): H158.7 V271.8

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: 1.8 lx

(10%):	0.2 lx	(20%):	0.4 lx
(25%):	0.5 lx	(30%):	0.5 lx
(40%):	0.7 lx	(50%):	0.9 lx
(60%):	1.1 lx	(70%):	1.3 lx
(80%):	1.4 lx	(90%):	1.6 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

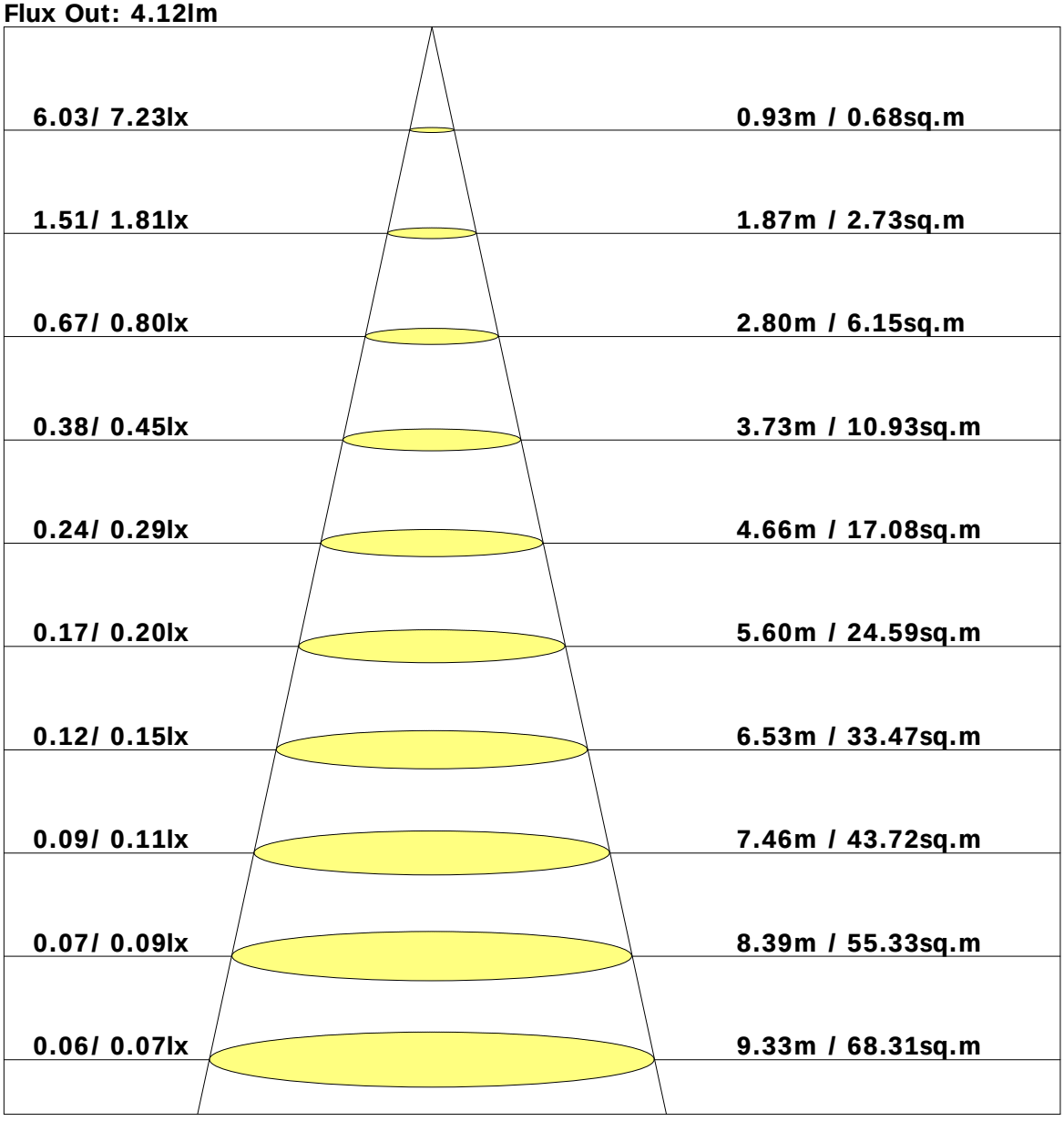
Horizontal plane	Vertical plane																									Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)					
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2					
-70	0.1	0.1	0.1	0.1	0.1	0.1	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	0.6	0.6					
-60	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2					
-50	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9					
-40	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.6	2.6					
-30	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	3.2	3.2					
-20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	3.7	3.7					
-10	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	3.9	3.9					
0	0.3	0.3	0.4	0.4	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	0.1	0.0	3.9	3.9					
10	0.3	0.3	0.3	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	0.1	0.1	0.0	3.6	3.6					
20	0.3	0.3	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	0.1	0.1	0.1	0.0	3.2	3.2					
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	2.5	2.5					
40	0.1	0.2	0.2	0.2	0.2	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	0.0	1.8	1.8					
50	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	0.0	0.0	0.0	0.0	1.2	1.1					
60	0.0	0.1	0.1	0.1	0.1	0.1	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	0.6	0.6					
70	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	0.2	0.2					
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	0.0	0.0					
90	2.8	3.0	3.1	3.1	3.0	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.8	0.7	0.6	0.6	34						
Flux(T)	2.8	3.0	3.1	3.1	3.0	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.7	0.6	0.5	34							
Flux(E)	2.8	3.0	3.1	3.1	3.0	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.8	0.7	0.6	34							

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: 4.12lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	6.03/ 7.23lx		0.93m / 0.68sq.m
2.0m	1.51/ 1.81lx		1.87m / 2.73sq.m
3.0m	0.67/ 0.80lx		2.80m / 6.15sq.m
4.0m	0.38/ 0.45lx		3.73m / 10.93sq.m
5.0m	0.24/ 0.29lx		4.66m / 17.08sq.m
6.0m	0.17/ 0.20lx		5.60m / 24.59sq.m
7.0m	0.12/ 0.15lx		6.53m / 33.47sq.m
8.0m	0.09/ 0.11lx		7.46m / 43.72sq.m
9.0m	0.07/ 0.09lx		8.39m / 55.33sq.m
10.0m	0.06/ 0.07lx		9.33m / 68.31sq.m

C Plane (°):0.0-360.0: 30.0
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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	20.4	21.8	21.1	22.5	23.3	16.4	17.7	17.1	18.4	19.3
3H	22.3	23.5	23.0	24.2	25.1	18.5	19.8	19.2	20.5	21.3
4H	23.0	24.2	23.7	24.9	25.8	19.6	20.7	20.3	21.5	22.3
6H	23.5	24.6	24.2	25.3	26.2	20.6	21.7	21.3	22.4	23.3
8H	23.6	24.7	24.4	25.5	26.3	21.0	22.1	21.8	22.8	23.7
12H	23.8	24.8	24.5	25.5	26.5	21.5	22.5	22.2	23.3	24.2
X=4H Y=2H	21.7	22.8	22.4	23.6	24.4	17.0	18.1	17.7	18.8	19.7
3H	23.8	24.8	24.5	25.6	26.5	19.4	20.4	20.1	21.2	22.1
4H	24.8	25.7	25.5	26.5	27.4	20.6	21.5	21.3	22.3	23.2
6H	25.5	26.3	26.2	27.1	28.0	21.8	22.6	22.5	23.4	24.3
8H	25.8	26.5	26.5	27.3	28.3	22.3	23.1	23.1	23.9	24.8
12H	26.0	26.7	26.7	27.5	28.5	22.9	23.6	23.7	24.4	25.4
X=8H Y=4H	25.8	26.6	26.5	27.4	28.3	20.9	21.7	21.7	22.5	23.4
6H	26.8	27.5	27.6	28.3	29.3	22.3	23.0	23.1	23.8	24.8
8H	27.3	27.9	28.1	28.7	29.7	23.0	23.6	23.8	24.5	25.4
12H	27.7	28.2	28.5	29.1	30.1	23.8	24.3	24.5	25.1	26.1
X=12H Y=4H	26.0	26.8	26.8	27.6	28.5	20.9	21.7	21.7	22.5	23.4
6H	27.2	27.9	28.0	28.7	29.7	22.4	23.0	23.2	23.8	24.8
8H	27.8	28.4	28.6	29.2	30.2	23.2	23.8	24.0	24.6	25.6

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	0.52	0.59	0.64	0.71	0.77	0.80	0.85	0.89
	0.30		0.36	0.44	0.51	0.56	0.64	0.70	0.74	0.80	0.84
	0.20		0.30	0.37	0.44	0.50	0.58	0.64	0.68	0.75	0.80
0.50	0.50	0.20	0.41	0.47	0.54	0.58	0.65	0.69	0.72	0.77	0.80
	0.30		0.34	0.40	0.47	0.51	0.58	0.63	0.67	0.73	0.76
	0.20		0.28	0.35	0.41	0.46	0.53	0.58	0.63	0.69	0.73
0.30	0.50	0.20	0.37	0.43	0.48	0.52	0.58	0.62	0.65	0.69	0.72
	0.30		0.31	0.37	0.43	0.47	0.53	0.58	0.61	0.66	0.69
	0.20		0.26	0.32	0.38	0.42	0.49	0.54	0.57	0.62	0.66
0.00	0.00	0.00	0.22	0.27	0.32	0.36	0.41	0.45	0.48	0.53	0.56

Rating:5W 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	1.05	0.92	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.70	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	0.96	0.84	0.73	0.66	0.55	0.49	0.41	0.34	0.28
	0.30		0.82	0.73	0.65	0.59	0.50	0.44	0.39	0.32	0.27
	0.20		0.71	0.64	0.58	0.53	0.46	0.41	0.36	0.30	0.26
0.30	0.50	0.20	0.89	0.77	0.67	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.76	0.68	0.60	0.55	0.47	0.41	0.36	0.30	0.25
	0.20		0.66	0.61	0.55	0.50	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.54	0.49	0.44	0.41	0.35	0.31	0.28	0.23	0.20

Rating:5W 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	0.40	0.42	0.42	0.43	0.44	0.44	0.45	0.45	0.45
	0.30		0.33	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.41
	0.20		0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38
0.50	0.50	0.20	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.43
	0.30		0.32	0.34	0.35	0.35	0.37	0.38	0.38	0.39	0.40
	0.20		0.27	0.29	0.30	0.31	0.32	0.33	0.34	0.36	0.37
0.30	0.50	0.20	0.37	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.41
	0.30		0.32	0.33	0.34	0.35	0.36	0.36	0.37	0.38	0.39
	0.20		0.27	0.28	0.29	0.30	0.32	0.33	0.34	0.35	0.36
0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24

Rating:5W 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	7.1	0.0	0.0	0.02	0.02
1.0-2.0	7.1	0.0	0.0	0.05	0.06
2.0-3.0	7.1	0.0	0.1	0.08	0.14
3.0-4.0	7.1	0.0	0.1	0.11	0.24
4.0-5.0	7.1	0.1	0.2	0.14	0.38
5.0-6.0	7.1	0.1	0.2	0.17	0.54
6.0-7.0	7.1	0.1	0.3	0.20	0.74
7.0-8.0	7.1	0.1	0.4	0.23	0.96
8.0-9.0	7.1	0.1	0.6	0.25	1.22
9.0-10.0	7.1	0.1	0.7	0.28	1.50
10.0-11.0	7.1	0.1	0.8	0.31	1.81
11.0-12.0	7.1	0.2	1.0	0.34	2.16
12.0-13.0	7.1	0.2	1.1	0.37	2.53
13.0-14.0	7.1	0.2	1.3	0.40	2.93
14.0-15.0	7.0	0.2	1.5	0.43	3.35
15.0-16.0	7.0	0.2	1.7	0.46	3.81
16.0-17.0	7.0	0.2	1.9	0.48	4.29
17.0-18.0	7.0	0.2	2.2	0.51	4.80
18.0-19.0	7.0	0.2	2.4	0.54	5.34
19.0-20.0	7.0	0.3	2.7	0.56	5.91
20.0-21.0	7.0	0.3	2.9	0.59	6.50
21.0-22.0	6.9	0.3	3.2	0.62	7.11
22.0-23.0	6.9	0.3	3.5	0.64	7.76
23.0-24.0	6.9	0.3	3.8	0.67	8.43
24.0-25.0	6.9	0.3	4.1	0.69	9.12
25.0-26.0	6.9	0.3	4.4	0.72	9.84
26.0-27.0	6.9	0.3	4.8	0.74	10.58
27.0-28.0	6.8	0.3	5.1	0.76	11.34
28.0-29.0	6.8	0.4	5.5	0.79	12.13
29.0-30.0	6.8	0.4	5.9	0.81	12.94
30.0-31.0	6.8	0.4	6.2	0.83	13.77
31.0-32.0	6.7	0.4	6.6	0.85	14.63
32.0-33.0	6.7	0.4	7.0	0.87	15.50
33.0-34.0	6.7	0.4	7.4	0.89	16.40
34.0-35.0	6.7	0.4	7.8	0.91	17.31
35.0-36.0	6.6	0.4	8.2	0.93	18.24

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	6.6	0.4	8.7	0.95	19.20
37.0-38.0	6.6	0.4	9.1	0.97	20.16
38.0-39.0	6.5	0.4	9.6	0.99	21.15
39.0-40.0	6.5	0.5	10.0	1.00	22.15
40.0-41.0	6.5	0.5	10.5	1.02	23.17
41.0-42.0	6.4	0.5	10.9	1.03	24.20
42.0-43.0	6.4	0.5	11.4	1.04	25.24
43.0-44.0	6.3	0.5	11.9	1.06	26.30
44.0-45.0	6.3	0.5	12.4	1.07	27.38
45.0-46.0	6.3	0.5	12.9	1.08	28.46
46.0-47.0	6.2	0.5	13.4	1.10	29.56
47.0-48.0	6.2	0.5	13.9	1.10	30.66
48.0-49.0	6.1	0.5	14.4	1.11	31.77
49.0-50.0	6.1	0.5	14.9	1.12	32.90
50.0-51.0	6.0	0.5	15.4	1.13	34.03
51.0-52.0	6.0	0.5	15.9	1.14	35.17
52.0-53.0	5.9	0.5	16.4	1.14	36.31
53.0-54.0	5.9	0.5	16.9	1.15	37.45
54.0-55.0	5.8	0.5	17.5	1.15	38.61
55.0-56.0	5.8	0.5	18.0	1.16	39.76
56.0-57.0	5.7	0.5	18.5	1.16	40.92
57.0-58.0	5.7	0.5	19.0	1.16	42.08
58.0-59.0	5.6	0.5	19.5	1.16	43.24
59.0-60.0	5.6	0.5	20.1	1.16	44.41
60.0-61.0	5.5	0.5	20.6	1.16	45.57
61.0-62.0	5.4	0.5	21.1	1.16	46.73
62.0-63.0	5.4	0.5	21.6	1.16	47.88
63.0-64.0	5.3	0.5	22.2	1.15	49.04
64.0-65.0	5.3	0.5	22.7	1.15	50.19
65.0-66.0	5.2	0.5	23.2	1.15	51.33
66.0-67.0	5.1	0.5	23.7	1.14	52.47
67.0-68.0	5.1	0.5	24.2	1.14	53.61
68.0-69.0	5.0	0.5	24.7	1.13	54.74
69.0-70.0	4.9	0.5	25.3	1.12	55.86
70.0-71.0	4.9	0.5	25.8	1.11	56.97
71.0-72.0	4.8	0.5	26.3	1.11	58.08

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	4.7	0.5	26.8	1.10	59.18
73.0-74.0	4.7	0.5	27.2	1.09	60.27
74.0-75.0	4.6	0.5	27.7	1.08	61.34
75.0-76.0	4.5	0.5	28.2	1.07	62.41
76.0-77.0	4.5	0.5	28.7	1.05	63.46
77.0-78.0	4.4	0.5	29.2	1.04	64.51
78.0-79.0	4.3	0.5	29.6	1.03	65.54
79.0-80.0	4.3	0.5	30.1	1.02	66.56
80.0-81.0	4.2	0.5	30.5	1.01	67.57
81.0-82.0	4.2	0.5	31.0	1.00	68.57
82.0-83.0	4.1	0.4	31.4	0.98	69.55
83.0-84.0	4.0	0.4	31.9	0.97	70.52
84.0-85.0	4.0	0.4	32.3	0.96	71.49
85.0-86.0	3.9	0.4	32.7	0.95	72.44
86.0-87.0	3.9	0.4	33.2	0.93	73.37
87.0-88.0	3.8	0.4	33.6	0.92	74.29
88.0-89.0	3.7	0.4	34.0	0.91	75.20
89.0-90.0	3.7	0.4	34.4	0.89	76.09
90.0-91.0	3.6	0.4	34.8	0.88	76.97
91.0-92.0	3.6	0.4	35.2	0.87	77.84
92.0-93.0	3.6	0.4	35.6	0.86	78.71
93.0-94.0	3.5	0.4	36.0	0.85	79.56
94.0-95.0	3.5	0.4	36.3	0.83	80.40
95.0-96.0	3.4	0.4	36.7	0.82	81.22
96.0-97.0	3.4	0.4	37.1	0.81	82.02
97.0-98.0	3.3	0.4	37.4	0.79	82.82
98.0-99.0	3.2	0.4	37.8	0.78	83.59
99.0-100.0	3.2	0.3	38.1	0.76	84.35
100.0-101.0	3.1	0.3	38.5	0.75	85.10
101.0-102.0	3.1	0.3	38.8	0.73	85.84
102.0-103.0	3.0	0.3	39.1	0.71	86.55
103.0-104.0	3.0	0.3	39.4	0.70	87.25
104.0-105.0	2.9	0.3	39.7	0.68	87.93
105.0-106.0	2.8	0.3	40.0	0.66	88.58
106.0-107.0	2.7	0.3	40.3	0.64	89.22
107.0-108.0	2.7	0.3	40.6	0.62	89.84

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	2.6	0.3	40.9	0.59	90.43
109.0-110.0	2.5	0.3	41.1	0.57	91.00
110.0-111.0	2.4	0.2	41.4	0.55	91.56
111.0-112.0	2.4	0.2	41.6	0.53	92.09
112.0-113.0	2.3	0.2	41.9	0.51	92.59
113.0-114.0	2.2	0.2	42.1	0.48	93.08
114.0-115.0	2.1	0.2	42.3	0.46	93.54
115.0-116.0	2.0	0.2	42.5	0.44	93.98
116.0-117.0	1.9	0.2	42.7	0.42	94.40
117.0-118.0	1.9	0.2	42.9	0.40	94.80
118.0-119.0	1.8	0.2	43.0	0.37	95.17
119.0-120.0	1.7	0.2	43.2	0.35	95.53
120.0-121.0	1.6	0.1	43.3	0.33	95.86
121.0-122.0	1.5	0.1	43.5	0.31	96.17
122.0-123.0	1.4	0.1	43.6	0.29	96.46
123.0-124.0	1.3	0.1	43.7	0.27	96.73
124.0-125.0	1.3	0.1	43.8	0.25	96.98
125.0-126.0	1.2	0.1	43.9	0.23	97.22
126.0-127.0	1.1	0.1	44.0	0.21	97.43
127.0-128.0	1.0	0.1	44.1	0.20	97.63
128.0-129.0	1.0	0.1	44.2	0.19	97.82
129.0-130.0	0.9	0.1	44.3	0.17	97.99
130.0-131.0	0.9	0.1	44.4	0.16	98.15
131.0-132.0	0.8	0.1	44.4	0.15	98.30
132.0-133.0	0.8	0.1	44.5	0.14	98.44
133.0-134.0	0.7	0.1	44.6	0.13	98.56
134.0-135.0	0.7	0.1	44.6	0.12	98.68
135.0-136.0	0.6	0.0	44.7	0.11	98.78
136.0-137.0	0.6	0.0	44.7	0.10	98.88
137.0-138.0	0.5	0.0	44.7	0.09	98.97
138.0-139.0	0.5	0.0	44.8	0.08	99.05
139.0-140.0	0.4	0.0	44.8	0.07	99.12
140.0-141.0	0.4	0.0	44.8	0.06	99.18
141.0-142.0	0.4	0.0	44.9	0.06	99.24
142.0-143.0	0.4	0.0	44.9	0.05	99.29
143.0-144.0	0.3	0.0	44.9	0.05	99.34

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	0.3	0.0	44.9	0.05	99.39
145.0-146.0	0.3	0.0	44.9	0.04	99.43
146.0-147.0	0.3	0.0	45.0	0.04	99.47
147.0-148.0	0.3	0.0	45.0	0.04	99.51
148.0-149.0	0.3	0.0	45.0	0.04	99.54
149.0-150.0	0.3	0.0	45.0	0.04	99.58
150.0-151.0	0.3	0.0	45.0	0.03	99.61
151.0-152.0	0.3	0.0	45.0	0.03	99.65
152.0-153.0	0.3	0.0	45.1	0.03	99.68
153.0-154.0	0.3	0.0	45.1	0.03	99.70
154.0-155.0	0.3	0.0	45.1	0.03	99.73
155.0-156.0	0.3	0.0	45.1	0.03	99.75
156.0-157.0	0.2	0.0	45.1	0.02	99.78
157.0-158.0	0.2	0.0	45.1	0.02	99.80
158.0-159.0	0.2	0.0	45.1	0.02	99.82
159.0-160.0	0.2	0.0	45.1	0.02	99.84
160.0-161.0	0.2	0.0	45.1	0.02	99.86
161.0-162.0	0.2	0.0	45.1	0.02	99.88
162.0-163.0	0.2	0.0	45.2	0.02	99.89
163.0-164.0	0.2	0.0	45.2	0.02	99.91
164.0-165.0	0.2	0.0	45.2	0.01	99.92
165.0-166.0	0.2	0.0	45.2	0.01	99.94
166.0-167.0	0.2	0.0	45.2	0.01	99.95
167.0-168.0	0.2	0.0	45.2	0.01	99.96
168.0-169.0	0.2	0.0	45.2	0.01	99.97
169.0-170.0	0.2	0.0	45.2	0.01	99.97
170.0-171.0	0.2	0.0	45.2	0.01	99.98
171.0-172.0	0.1	0.0	45.2	0.01	99.98
172.0-173.0	0.1	0.0	45.2	0.00	99.99
173.0-174.0	0.1	0.0	45.2	0.00	99.99
174.0-175.0	0.1	0.0	45.2	0.00	99.99
175.0-176.0	0.1	0.0	45.2	0.00	100.00
176.0-177.0	0.1	0.0	45.2	0.00	100.00
177.0-178.0	0.1	0.0	45.2	0.00	100.00
178.0-179.0	0.1	0.0	45.2	0.00	100.00
179.0-180.0	0.1	0.0	45.2	0.00	100.00

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

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