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

Report No.: **Test Time: 2021/4/9 16:19**

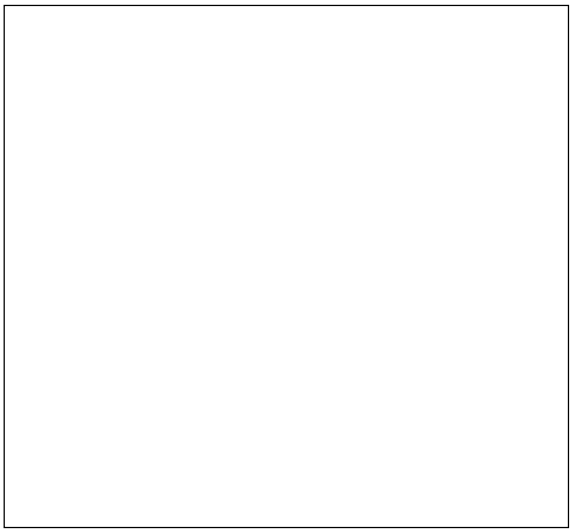
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: flexbacklyte VW 26W 304*304
Luminaire Description: VW2400+6000 **Lamp Catalog: 2835**
Lamp Description: 2400K RA>90 **Number of Lamps: 144C+144W**
Luminous Length (mm): 304 **Luminous Width (mm): 304**
Luminous Height (mm): 3 **Voltage: 24.0 V**
Current: 0.543 A **Power: 13.03 W**
Power Factor: 1.000

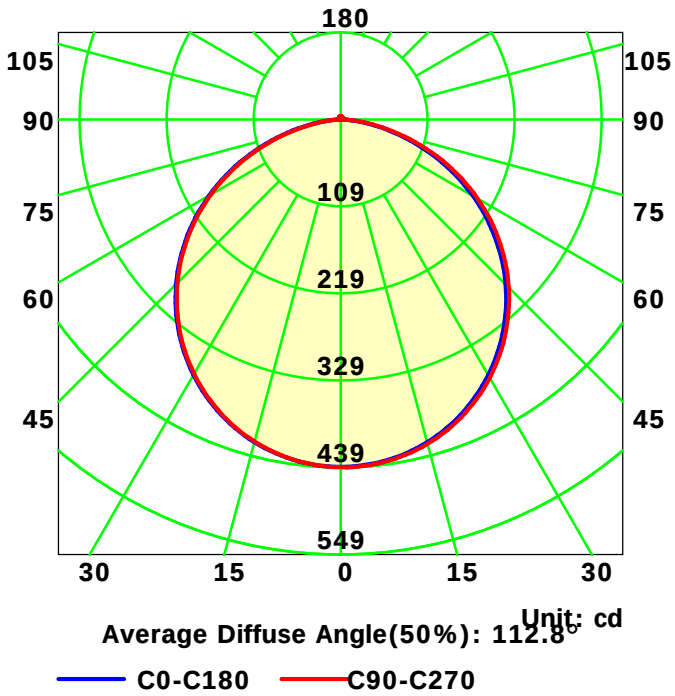
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 1264.7 lm**
Measurement Flux: 1264.7 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H159.6,H112.6
Vertical Diffuse Angle(10%,50%): V159.6,V113.1
Luminaire Efficacy Rating (LER): 97 **Central Intensity: 438.8 cd**
Max. Intensity: 439.62 cd **Pos of Max. Intensity: H150 V0**

Picture Of Luminaire

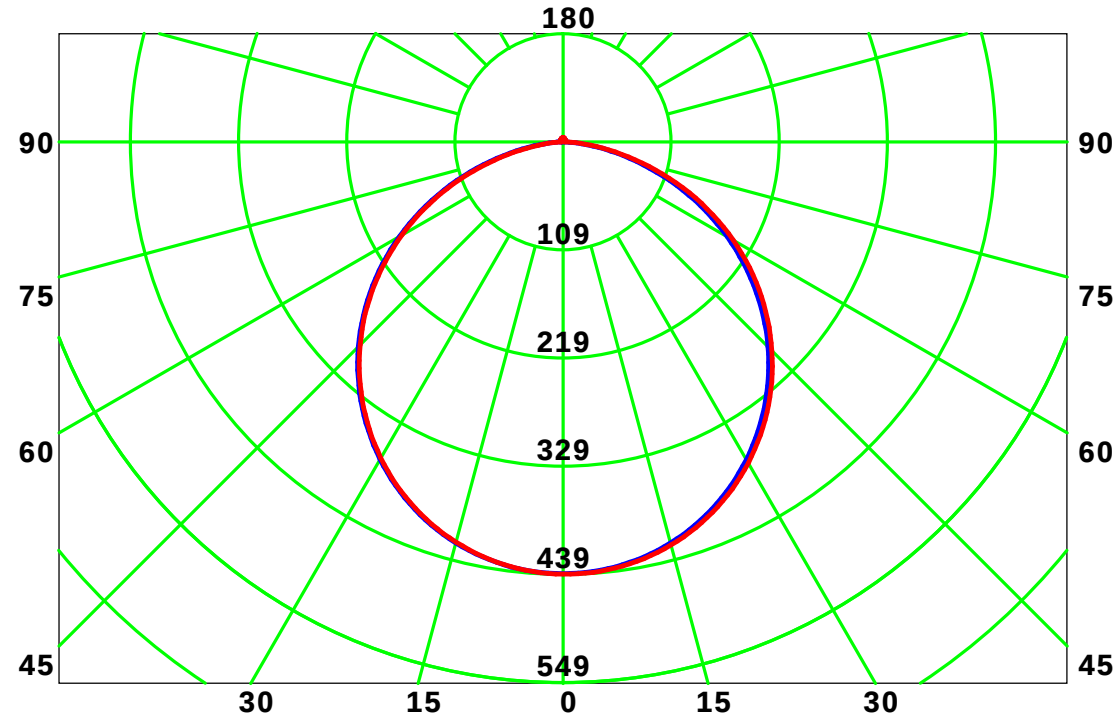


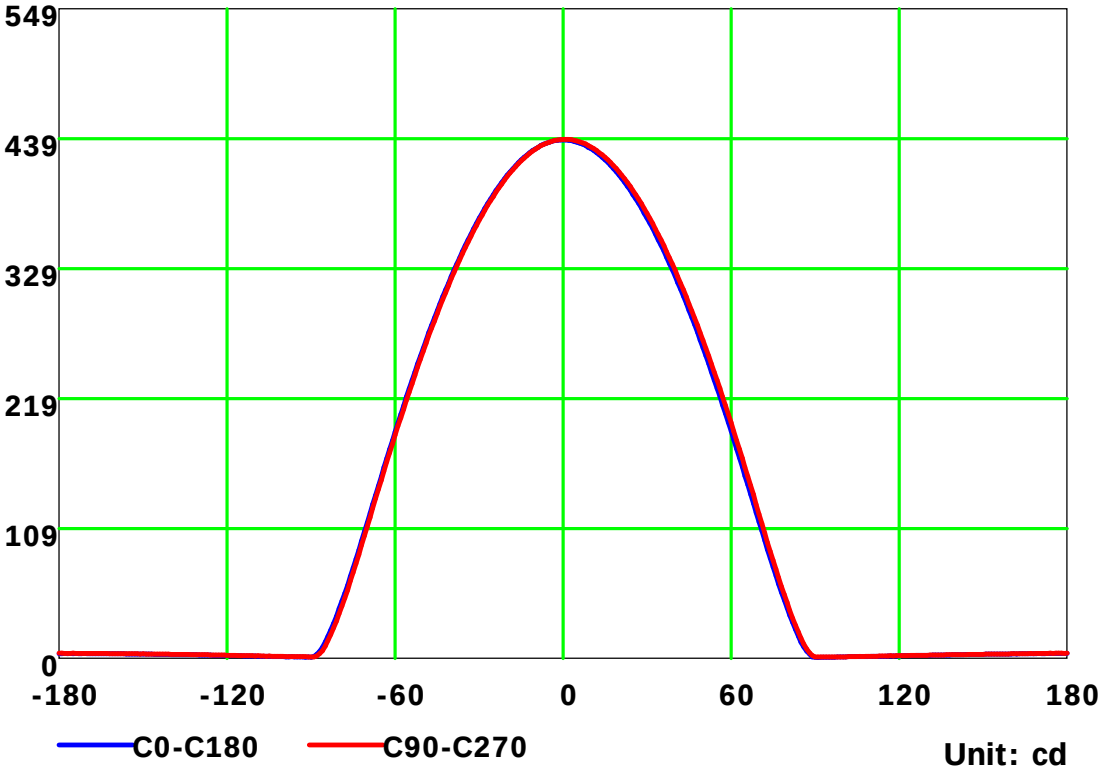
Luminous Intensity Distribution Curve



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

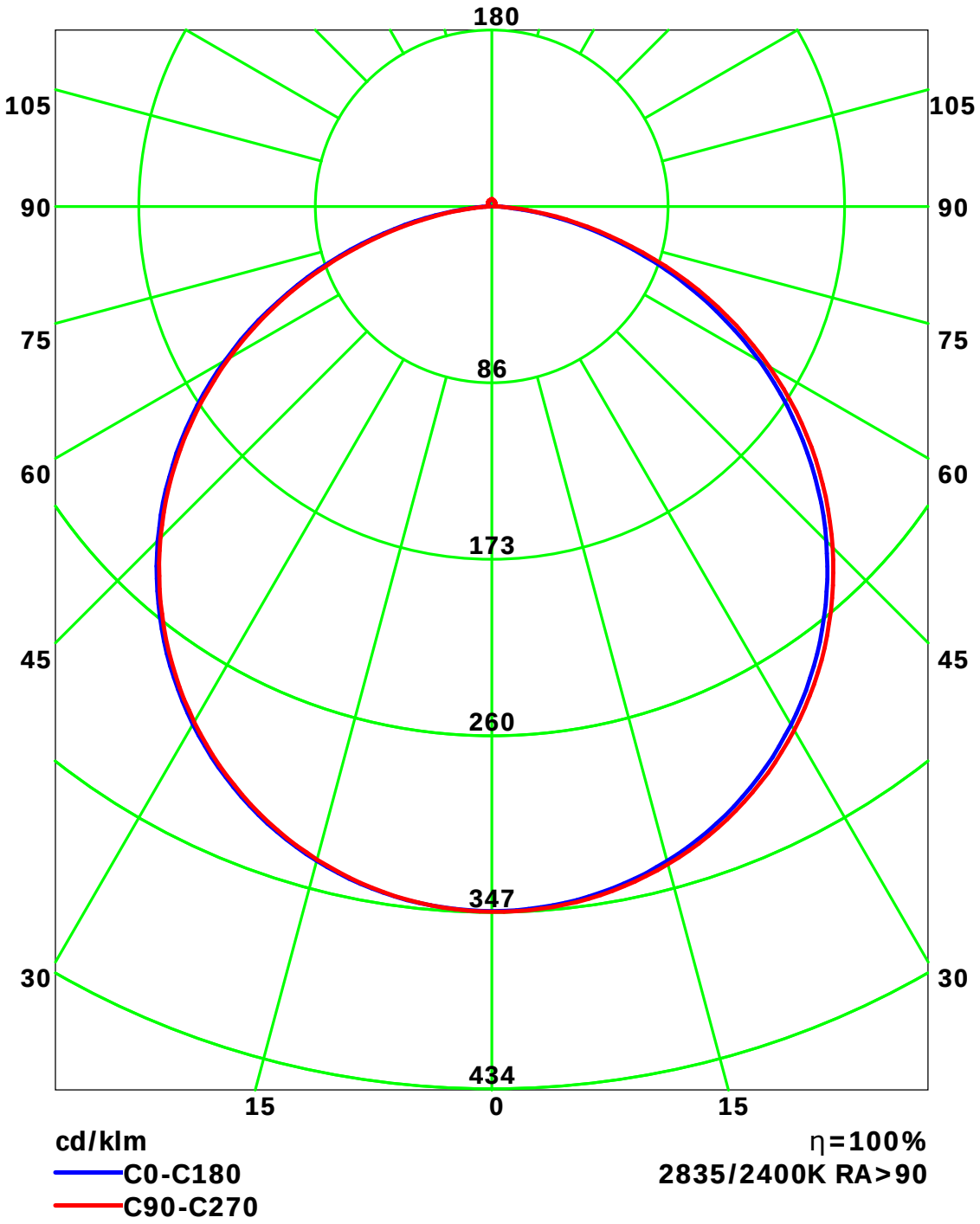




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

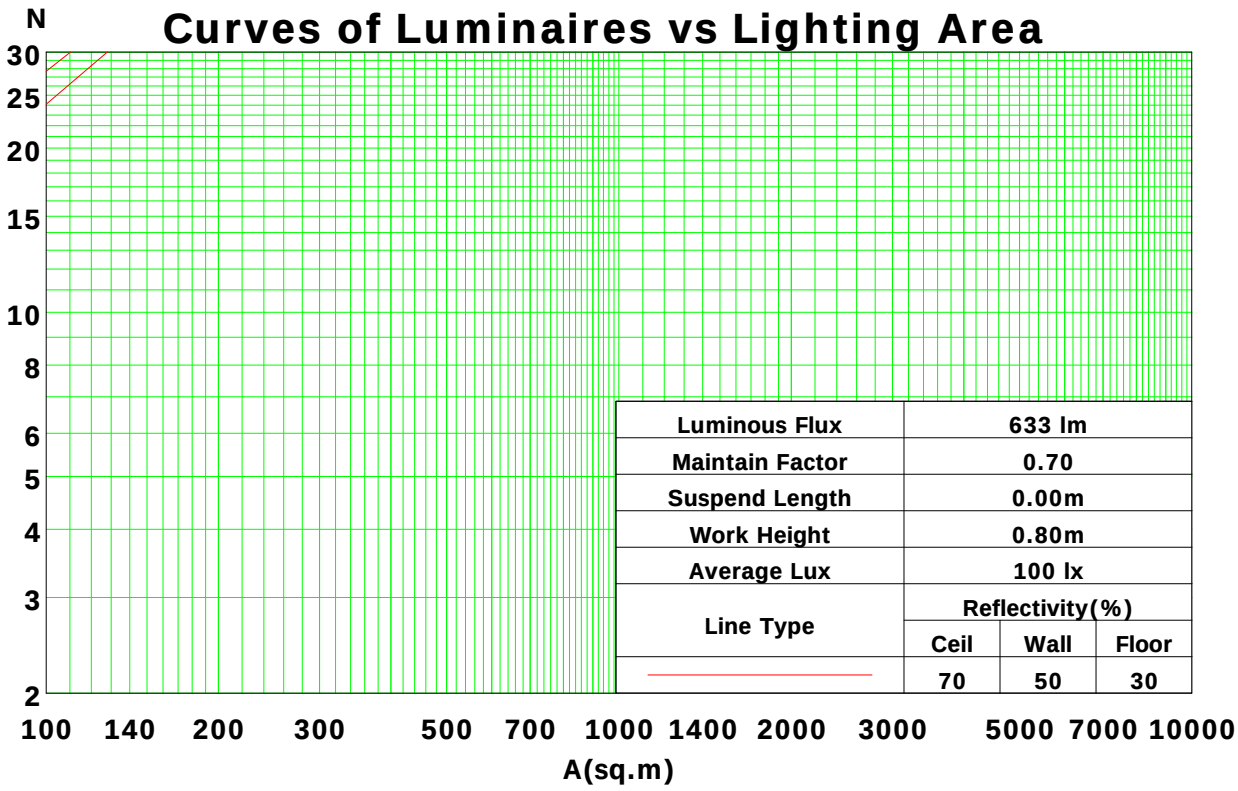
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	109	104	100	96	106	102	98	94	97	94	91	93	90	88	89	87	85	83
2	99	91	84	78	96	89	82	77	85	80	75	81	77	73	78	75	71	69
3	90	80	71	65	87	78	70	64	75	68	63	72	66	62	69	64	60	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	61	56	52	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	55	50	45	43
6	70	57	48	41	68	56	47	41	54	46	40	52	45	40	50	44	40	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	26
10	53	40	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.26
Spacing Criteria (90-270): 1.26
Spacing Criteria (Diagonal): 1.38

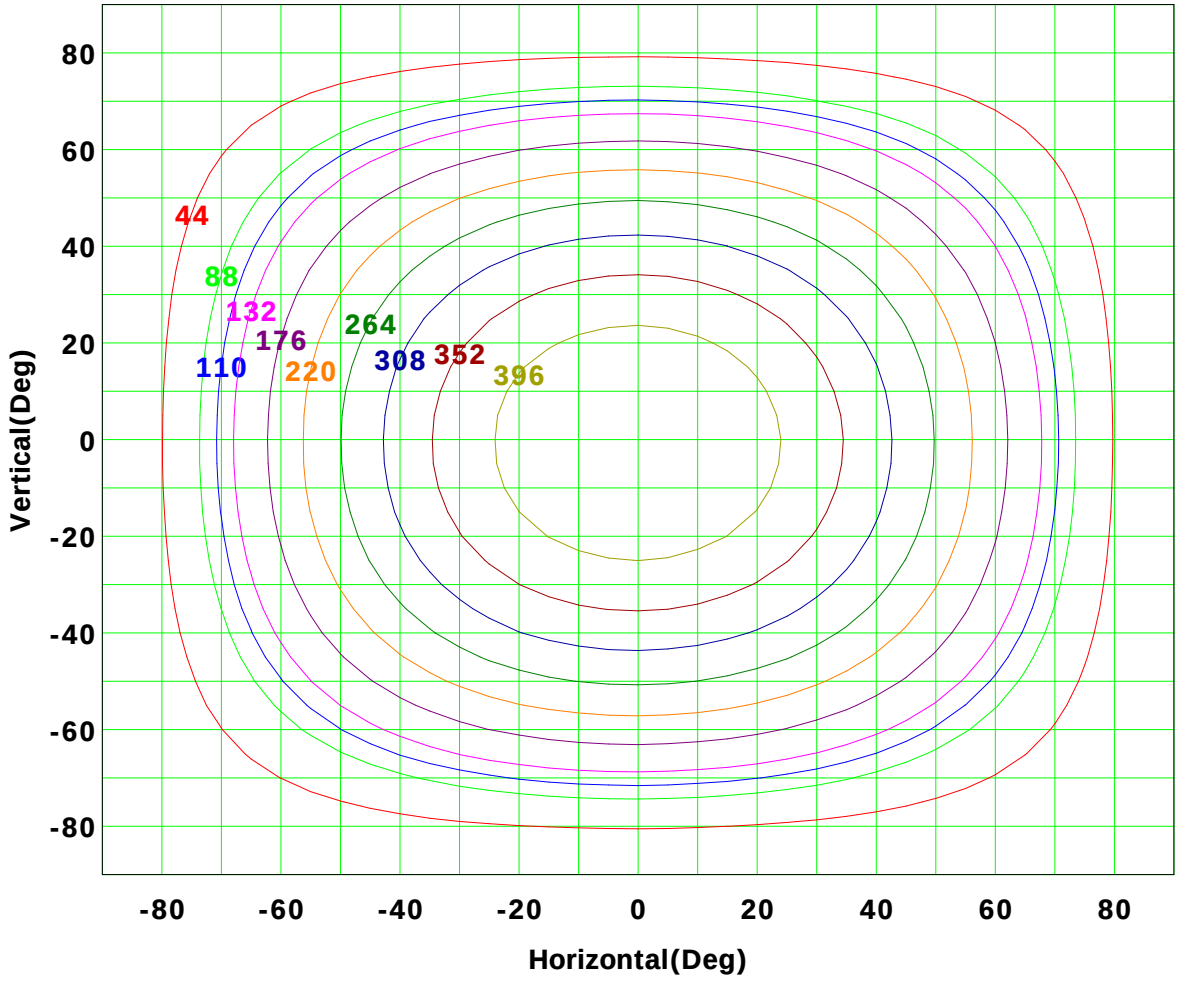
Curves of Luminaires vs Lighting Area



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)



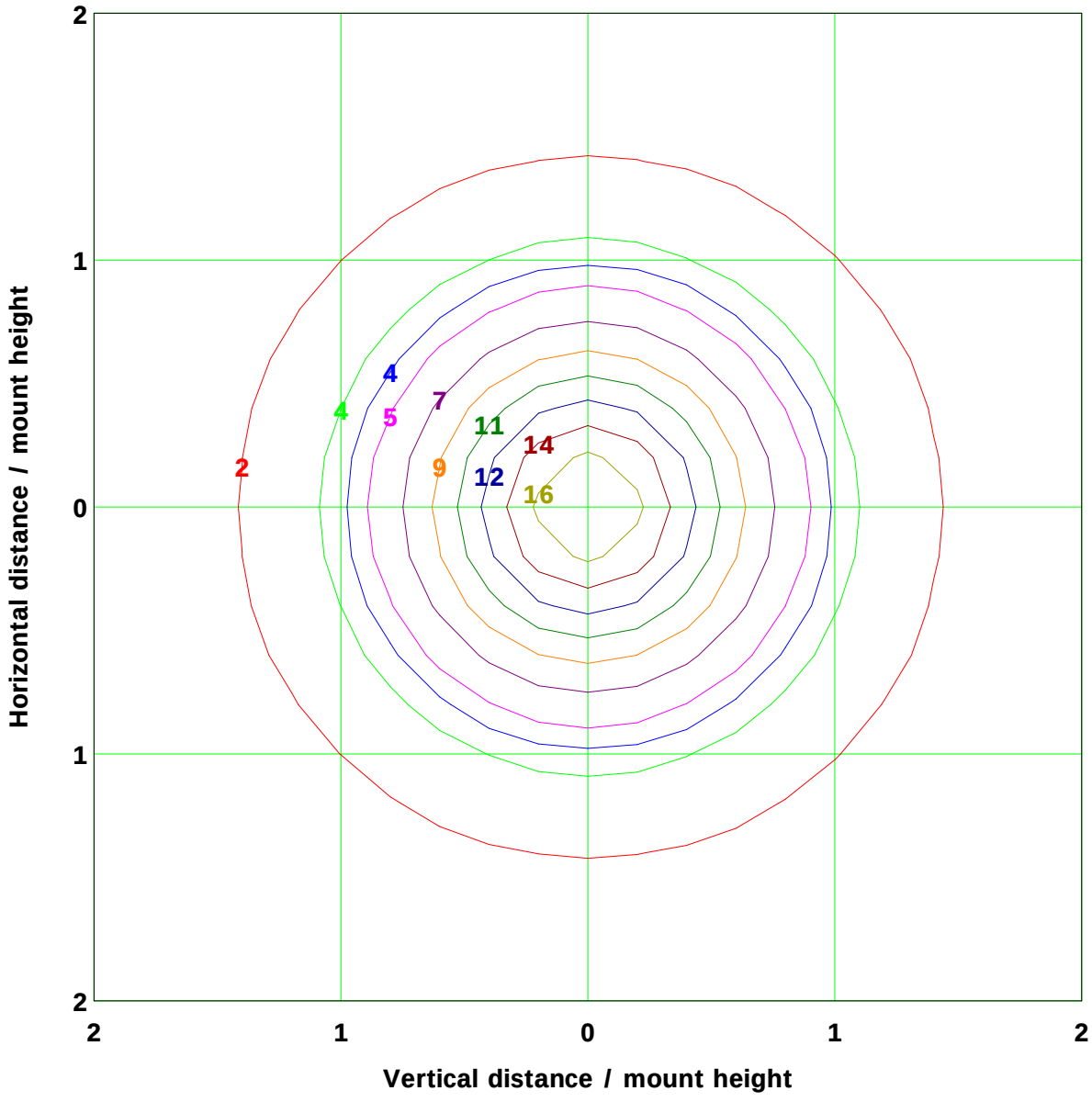
Imax (100%): 440 cd

(10%): 44 cd	(20%): 88 cd
(25%): 110 cd	(30%): 132 cd
(40%): 176 cd	(50%): 220 cd
(60%): 264 cd	(70%): 308 cd
(80%): 352 cd	(90%): 396 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%): 17.6 lx

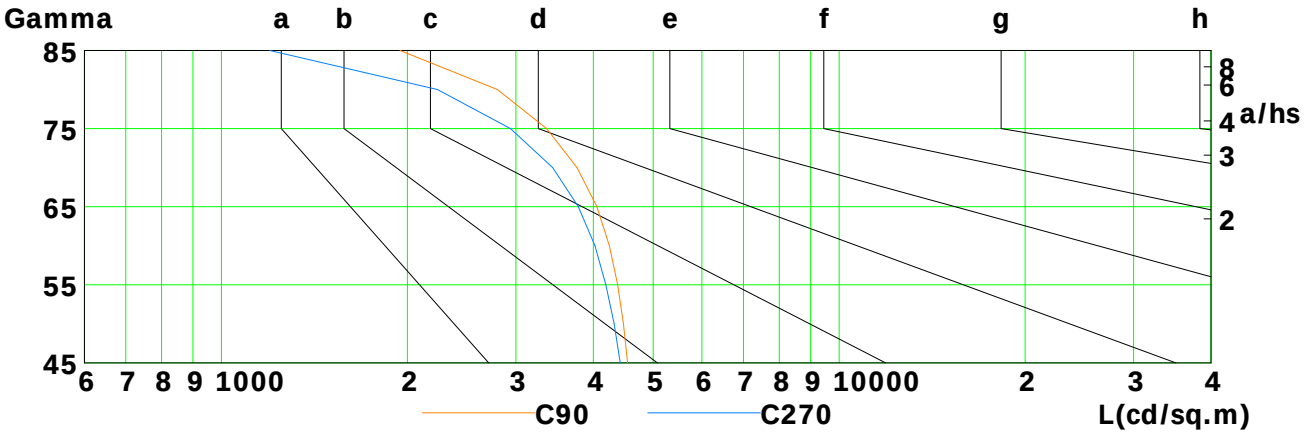
(10%): 1.8 lx	(20%): 3.5 lx
(25%): 4.4 lx	(30%): 5.3 lx
(40%): 7.0 lx	(50%): 8.8 lx
(60%): 10.6 lx	(70%): 12.3 lx
(80%): 14.1 lx	(90%): 15.8 lx

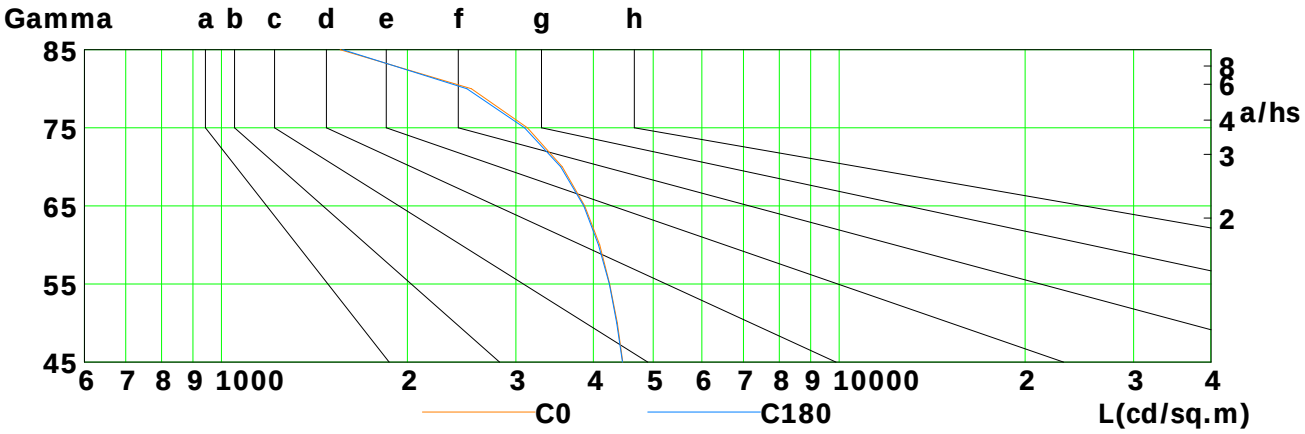
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



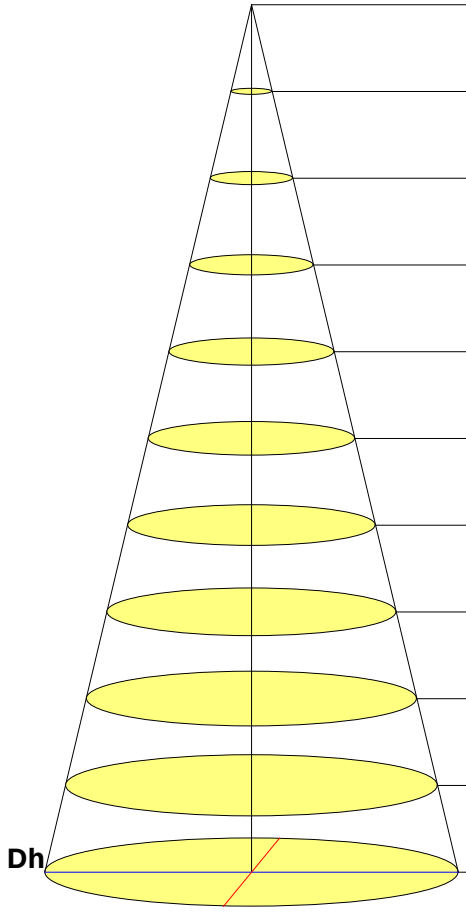


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4465	4377	4255	4100	3875	3566	3131	2540	1557
C90	4548	4477	4382	4247	4056	3767	3362	2798	1947
C180	4460	4365	4246	4081	3860	3542	3097	2498	1572
C270	4423	4326	4195	4026	3782	3438	2939	2239	1198

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



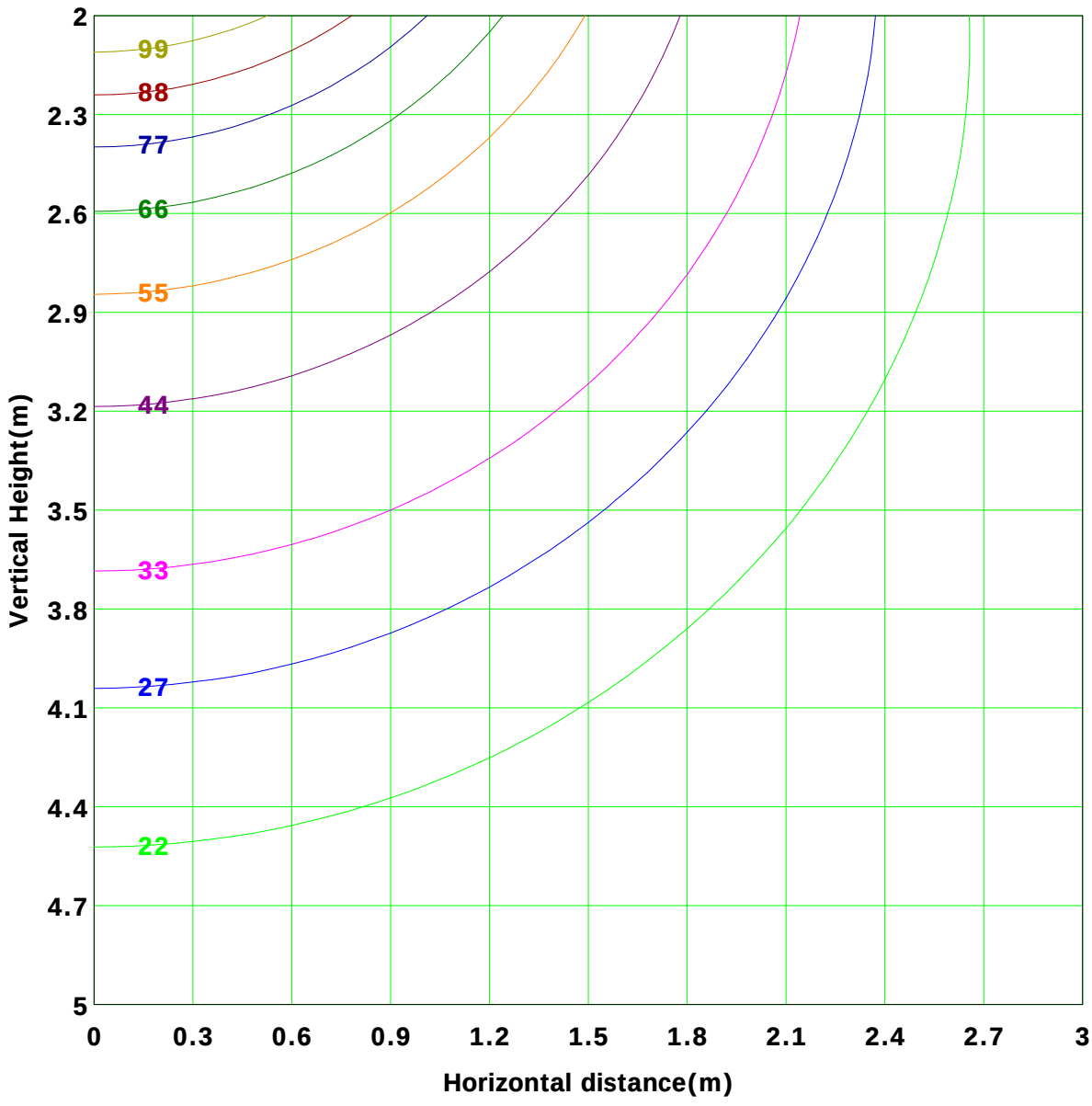
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	438.80	3.00/3.03	7.1	71.53
2.0	109.70	6.00/6.05	28.5	17.88
3.0	48.76	9.00/9.08	64.2	7.95
4.0	27.42	11.99/12.11	114.1	4.47
5.0	17.55	14.99/15.13	178.3	2.86
6.0	12.19	17.99/18.16	256.7	1.99
7.0	8.96	20.99/21.19	349.4	1.46
8.0	6.86	23.99/24.21	456.4	1.12
9.0	5.42	26.99/27.24	577.6	0.88
10.0	4.39	29.99/30.27	713.1	0.72

Beam Angle(B): H112.6 V113.1 Field Angle(F): H159.6 V159.6

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: 109.7 lx

(10%): 11.0 lx	(20%): 21.9 lx
(25%): 27.4 lx	(30%): 32.9 lx
(40%): 43.9 lx	(50%): 54.8 lx
(60%): 65.8 lx	(70%): 76.8 lx
(80%): 87.8 lx	(90%): 98.7 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

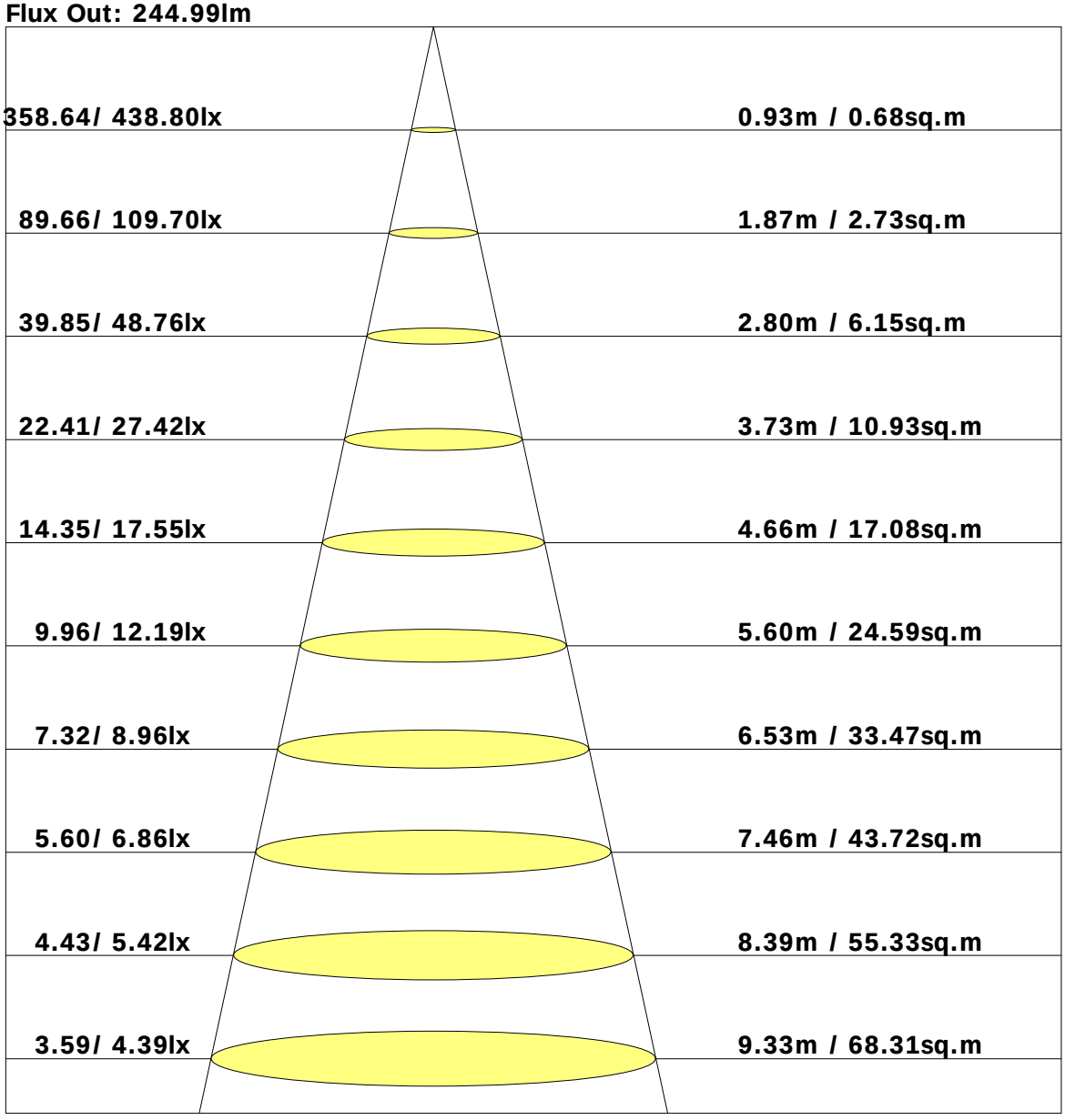
Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
-80	5.0	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.2	0.1	18.3	14.4
-70	19.2	0.1	0.3	0.5	0.9	1.2	1.5	1.7	1.9	2.0	2.0	1.9	1.7	1.5	1.2	0.9	0.6	0.3	0.1	38.2	37.2
-60	40.3	0.1	0.5	1.2	1.8	2.5	3.1	3.5	3.8	4.0	4.0	3.8	3.5	3.1	2.5	1.8	1.2	0.6	0.1	58.1	57.7
-50	65.7	0.2	0.9	1.9	3.0	4.1	4.9	5.6	6.0	6.3	6.3	6.0	5.6	4.9	4.1	3.0	1.9	1.0	0.2	76.2	75.9
-40	91.7	0.3	1.3	2.8	4.3	5.7	6.8	7.7	8.3	8.6	8.7	8.3	7.7	6.8	5.7	4.3	2.8	1.5	0.4	91.3	91.1
-30	115.0	0.3	1.7	3.6	5.4	7.1	8.5	9.6	10.3	10.7	10.8	10.3	9.6	8.5	7.1	5.4	3.6	2.0	0.5	103.2	103.0
-20	132.6	0.4	2.0	4.2	6.3	8.2	9.8	11.0	11.8	12.3	12.3	11.8	11.0	9.8	8.2	6.3	4.2	2.3	0.5	115.6	115.5
-10	142.1	0.4	2.2	4.5	6.8	8.8	10.4	11.8	12.7	13.1	13.2	12.7	11.8	10.4	8.8	6.8	4.5	2.5	0.6	115.9	115.8
0	142.3	0.4	2.2	4.5	6.8	8.8	10.5	11.8	12.7	13.2	13.2	12.7	11.8	10.5	8.8	6.8	4.5	2.5	0.6	115.6	115.5
10	133.2	0.4	2.1	4.2	6.3	8.2	9.8	11.0	11.9	12.3	12.3	11.9	11.0	9.8	8.2	6.3	4.2	2.3	0.6	112.2	112.0
20	115.8	0.4	1.7	3.6	5.5	7.2	8.6	9.6	10.4	10.8	10.8	10.4	9.6	8.6	7.2	5.5	3.6	2.0	0.5	104.5	104.3
30	92.5	0.3	1.4	2.9	4.4	5.7	6.9	7.8	8.4	8.7	8.7	8.4	7.8	6.9	5.7	4.4	2.9	1.6	0.4	93.1	92.9
40	66.4	0.2	1.0	2.0	3.1	4.1	5.0	5.6	6.1	6.3	6.3	6.1	5.6	5.0	4.1	3.1	2.0	1.1	0.3	67.5	66.8
50	40.9	0.1	0.6	1.2	1.9	2.5	3.1	3.5	3.8	4.0	4.0	3.8	3.5	3.1	2.5	1.9	1.2	0.6	0.2	42.1	41.5
60	19.6	0.1	0.3	0.6	1.2	1.5	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.5	1.2	0.9	0.6	0.3	0.1	20.8	20.4
70	5.2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	6.5	6.4
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
90																				1247	
Flux(T)	1228	0.1	40.1	78.0	104.3	111.3	103.0	92.9	60.2	18.1											
Flux(E)	0.0	5.0	20.8	40.9	60.7	78.3	93.1	104.5	112.0	115.8	115.5	111.4	103.2	91.1	75.9	57.7	37.2	14.4	0.0		

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

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

The Average Illuminance Effective Figure

Flux Out: 244.99lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	358.64/ 438.80lx		0.93m / 0.68sq.m
2.0m	89.66/ 109.70lx		1.87m / 2.73sq.m
3.0m	39.85/ 48.76lx		2.80m / 6.15sq.m
4.0m	22.41/ 27.42lx		3.73m / 10.93sq.m
5.0m	14.35/ 17.55lx		4.66m / 17.08sq.m
6.0m	9.96/ 12.19lx		5.60m / 24.59sq.m
7.0m	7.32/ 8.96lx		6.53m / 33.47sq.m
8.0m	5.60/ 6.86lx		7.46m / 43.72sq.m
9.0m	4.43/ 5.42lx		8.39m / 55.33sq.m
10.0m	3.59/ 4.39lx		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	16.3	17.9	16.7	18.3	18.6	16.5	18.1	16.9	18.4	18.8
3H	18.0	19.5	18.4	19.8	20.2	18.3	19.7	18.7	20.1	20.5
4H	18.6	20.0	19.0	20.4	20.8	18.9	20.2	19.3	20.6	21.0
6H	19.0	20.3	19.4	20.7	21.1	19.3	20.6	19.7	21.0	21.4
8H	19.1	20.3	19.5	20.7	21.1	19.4	20.6	19.9	21.0	21.5
12H	19.1	20.3	19.6	20.7	21.2	19.5	20.6	19.9	21.0	21.5
X=4H Y=2H	16.9	18.3	17.4	18.7	19.1	17.1	18.5	17.5	18.8	19.2
3H	18.9	20.0	19.3	20.4	20.8	19.1	20.2	19.5	20.6	21.1
4H	19.6	20.6	20.0	21.0	21.5	19.8	20.8	20.3	21.3	21.7
6H	20.0	20.9	20.5	21.4	21.9	20.3	21.2	20.8	21.7	22.2
8H	20.2	21.0	20.7	21.5	22.0	20.5	21.3	21.0	21.8	22.3
12H	20.2	21.0	20.7	21.5	22.0	20.6	21.3	21.1	21.8	22.3
X=8H Y=4H	19.8	20.7	20.3	21.1	21.6	20.1	20.9	20.5	21.4	21.9
6H	20.4	21.1	20.9	21.6	22.1	20.7	21.4	21.2	21.9	22.4
8H	20.6	21.2	21.1	21.7	22.3	20.9	21.5	21.4	22.0	22.6
12H	20.7	21.2	21.2	21.8	22.4	21.0	21.6	21.6	22.1	22.7
X=12H Y=4H	19.8	20.6	20.3	21.1	21.6	20.1	20.8	20.6	21.3	21.8
6H	20.4	21.1	21.0	21.6	22.1	20.7	21.4	21.3	21.8	22.4
8H	20.7	21.2	21.2	21.7	22.3	21.0	21.5	21.5	22.0	22.6

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 = 1.25					
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	0.56	0.67	0.74	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.48	0.59	0.67	0.73	0.81	0.87	0.91	0.96	1.00
	0.20		0.43	0.53	0.61	0.67	0.76	0.82	0.86	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.88	0.92	0.96	0.99
	0.30		0.48	0.58	0.65	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.42	0.53	0.60	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.53	0.63	0.69	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.47	0.57	0.64	0.69	0.76	0.81	0.85	0.89	0.92
	0.20		0.42	0.52	0.59	0.65	0.72	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.49	0.56	0.62	0.69	0.74	0.77	0.82	0.85

Rating:13W 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 = 1.25								
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	1.00	0.82	0.70	0.61	0.48	0.40	0.34	0.26	0.21
	0.30		0.83	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.20
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19
0.50	0.50	0.20	0.96	0.79	0.67	0.58	0.46	0.41	0.32	0.25	0.20
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.19
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.28	0.22	0.19
0.30	0.50	0.20	0.93	0.75	0.64	0.55	0.44	0.36	0.31	0.24	0.19
	0.30		0.79	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19
	0.20		0.69	0.59	0.52	0.46	0.38	0.32	0.27	0.22	0.18
0.00	0.00	0.00	0.59	0.49	0.42	0.37	0.30	0.25	0.21	0.17	0.14

Rating:13W 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 = 1.25								
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	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.21
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18
0.30	0.50	0.20	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:13W 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	439.2	0.4	0.4	0.03	0.03
1.0-2.0	439.0	1.3	1.7	0.10	0.13
2.0-3.0	438.7	2.1	3.8	0.17	0.30
3.0-4.0	438.3	2.9	6.7	0.23	0.53
4.0-5.0	437.6	3.8	10.5	0.30	0.83
5.0-6.0	436.9	4.6	15.1	0.36	1.19
6.0-7.0	436.0	5.4	20.5	0.43	1.62
7.0-8.0	435.0	6.2	26.7	0.49	2.11
8.0-9.0	433.8	7.0	33.7	0.56	2.67
9.0-10.0	432.4	7.8	41.6	0.62	3.29
10.0-11.0	430.9	8.6	50.2	0.68	3.97
11.0-12.0	429.3	9.4	59.6	0.74	4.71
12.0-13.0	427.5	10.1	69.7	0.80	5.51
13.0-14.0	425.6	10.9	80.6	0.86	6.37
14.0-15.0	423.5	11.6	92.2	0.92	7.29
15.0-16.0	421.3	12.3	104.6	0.98	8.27
16.0-17.0	418.9	13.0	117.6	1.03	9.30
17.0-18.0	416.4	13.7	131.4	1.09	10.39
18.0-19.0	413.8	14.4	145.8	1.14	11.52
19.0-20.0	411.0	15.0	160.8	1.19	12.71
20.0-21.0	408.1	15.7	176.5	1.24	13.95
21.0-22.0	405.0	16.3	192.8	1.29	15.24
22.0-23.0	401.8	16.9	209.6	1.33	16.57
23.0-24.0	398.4	17.4	227.0	1.38	17.95
24.0-25.0	394.9	18.0	245.0	1.42	19.37
25.0-26.0	391.3	18.5	263.5	1.46	20.83
26.0-27.0	387.6	19.0	282.4	1.50	22.33
27.0-28.0	383.6	19.4	301.9	1.54	23.87
28.0-29.0	379.6	19.9	321.7	1.57	25.44
29.0-30.0	375.5	20.3	342.0	1.60	27.04
30.0-31.0	371.2	20.7	362.7	1.63	28.67
31.0-32.0	366.8	21.0	383.7	1.66	30.34
32.0-33.0	362.2	21.3	405.0	1.69	32.02
33.0-34.0	357.6	21.6	426.7	1.71	33.73
34.0-35.0	352.8	21.9	448.6	1.73	35.47
35.0-36.0	347.9	22.2	470.7	1.75	37.22

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	342.9	22.4	493.1	1.77	38.99
37.0-38.0	337.7	22.5	515.6	1.78	40.77
38.0-39.0	332.5	22.7	538.3	1.79	42.56
39.0-40.0	327.1	22.8	561.1	1.80	44.37
40.0-41.0	321.5	22.9	584.0	1.81	46.18
41.0-42.0	315.9	23.0	607.0	1.82	47.99
42.0-43.0	310.2	23.0	630.0	1.82	49.81
43.0-44.0	304.4	23.0	653.0	1.82	51.63
44.0-45.0	298.5	22.9	675.9	1.81	53.44
45.0-46.0	292.4	22.9	698.8	1.81	55.25
46.0-47.0	286.2	22.8	721.5	1.80	57.05
47.0-48.0	280.0	22.6	744.2	1.79	58.84
48.0-49.0	273.6	22.5	766.6	1.78	60.62
49.0-50.0	267.1	22.3	788.9	1.76	62.38
50.0-51.0	260.5	22.0	811.0	1.74	64.12
51.0-52.0	253.8	21.8	832.8	1.72	65.84
52.0-53.0	247.1	21.5	854.2	1.70	67.54
53.0-54.0	240.1	21.2	875.4	1.67	69.22
54.0-55.0	233.2	20.8	896.2	1.65	70.86
55.0-56.0	226.2	20.4	916.7	1.62	72.48
56.0-57.0	219.0	20.0	936.7	1.58	74.06
57.0-58.0	211.7	19.6	956.3	1.55	75.61
58.0-59.0	204.4	19.1	975.4	1.51	77.12
59.0-60.0	196.9	18.6	994.0	1.47	78.59
60.0-61.0	189.5	18.1	1012.1	1.43	80.02
61.0-62.0	181.9	17.5	1029.6	1.39	81.41
62.0-63.0	174.2	16.9	1046.6	1.34	82.75
63.0-64.0	166.5	16.3	1062.9	1.29	84.04
64.0-65.0	158.7	15.7	1078.6	1.24	85.28
65.0-66.0	150.9	15.1	1093.7	1.19	86.47
66.0-67.0	143.1	14.4	1108.1	1.14	87.61
67.0-68.0	135.3	13.7	1121.8	1.08	88.70
68.0-69.0	127.5	13.0	1134.8	1.03	89.72
69.0-70.0	119.6	12.3	1147.1	0.97	90.70
70.0-71.0	111.8	11.6	1158.6	0.91	91.61
71.0-72.0	103.9	10.8	1169.4	0.85	92.46

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	96.1	10.0	1179.5	0.79	93.26
73.0-74.0	88.4	9.3	1188.8	0.73	93.99
74.0-75.0	80.9	8.5	1197.3	0.68	94.67
75.0-76.0	73.3	7.8	1205.1	0.62	95.28
76.0-77.0	66.0	7.0	1212.1	0.56	95.84
77.0-78.0	59.0	6.3	1218.4	0.50	96.34
78.0-79.0	52.1	5.6	1224.0	0.44	96.78
79.0-80.0	45.6	4.9	1229.0	0.39	97.17
80.0-81.0	39.3	4.2	1233.2	0.34	97.51
81.0-82.0	33.2	3.6	1236.8	0.28	97.79
82.0-83.0	27.4	3.0	1239.8	0.24	98.03
83.0-84.0	22.0	2.4	1242.2	0.19	98.22
84.0-85.0	16.9	1.8	1244.0	0.15	98.36
85.0-86.0	12.4	1.4	1245.4	0.11	98.47
86.0-87.0	8.5	0.9	1246.3	0.07	98.54
87.0-88.0	5.4	0.6	1246.9	0.05	98.59
88.0-89.0	3.2	0.4	1247.3	0.03	98.62
89.0-90.0	1.9	0.2	1247.5	0.02	98.64
90.0-91.0	1.5	0.2	1247.6	0.01	98.65
91.0-92.0	1.5	0.2	1247.8	0.01	98.66
92.0-93.0	1.5	0.2	1248.0	0.01	98.67
93.0-94.0	1.5	0.2	1248.1	0.01	98.69
94.0-95.0	1.6	0.2	1248.3	0.01	98.70
95.0-96.0	1.6	0.2	1248.5	0.01	98.72
96.0-97.0	1.6	0.2	1248.6	0.01	98.73
97.0-98.0	1.7	0.2	1248.8	0.01	98.74
98.0-99.0	1.7	0.2	1249.0	0.01	98.76
99.0-100.0	1.7	0.2	1249.2	0.01	98.77
100.0-101.0	1.8	0.2	1249.4	0.02	98.79
101.0-102.0	1.8	0.2	1249.6	0.02	98.80
102.0-103.0	1.9	0.2	1249.8	0.02	98.82
103.0-104.0	1.9	0.2	1250.0	0.02	98.83
104.0-105.0	1.9	0.2	1250.2	0.02	98.85
105.0-106.0	2.0	0.2	1250.4	0.02	98.87
106.0-107.0	2.0	0.2	1250.6	0.02	98.88
107.0-108.0	2.1	0.2	1250.8	0.02	98.90

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:

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	2.1	0.2	1251.1	0.02	98.92
109.0-110.0	2.2	0.2	1251.3	0.02	98.94
110.0-111.0	2.2	0.2	1251.5	0.02	98.96
111.0-112.0	2.3	0.2	1251.7	0.02	98.97
112.0-113.0	2.3	0.2	1252.0	0.02	98.99
113.0-114.0	2.4	0.2	1252.2	0.02	99.01
114.0-115.0	2.4	0.2	1252.5	0.02	99.03
115.0-116.0	2.5	0.2	1252.7	0.02	99.05
116.0-117.0	2.5	0.2	1252.9	0.02	99.07
117.0-118.0	2.6	0.2	1253.2	0.02	99.09
118.0-119.0	2.6	0.3	1253.4	0.02	99.11
119.0-120.0	2.6	0.3	1253.7	0.02	99.13
120.0-121.0	2.7	0.3	1254.0	0.02	99.15
121.0-122.0	2.8	0.3	1254.2	0.02	99.17
122.0-123.0	2.8	0.3	1254.5	0.02	99.19
123.0-124.0	2.8	0.3	1254.7	0.02	99.21
124.0-125.0	2.9	0.3	1255.0	0.02	99.23
125.0-126.0	2.9	0.3	1255.3	0.02	99.25
126.0-127.0	3.0	0.3	1255.5	0.02	99.27
127.0-128.0	3.0	0.3	1255.8	0.02	99.29
128.0-129.0	3.1	0.3	1256.0	0.02	99.31
129.0-130.0	3.1	0.3	1256.3	0.02	99.33
130.0-131.0	3.1	0.3	1256.6	0.02	99.35
131.0-132.0	3.2	0.3	1256.8	0.02	99.38
132.0-133.0	3.2	0.3	1257.1	0.02	99.40
133.0-134.0	3.3	0.3	1257.3	0.02	99.42
134.0-135.0	3.3	0.3	1257.6	0.02	99.44
135.0-136.0	3.4	0.3	1257.9	0.02	99.46
136.0-137.0	3.4	0.3	1258.1	0.02	99.48
137.0-138.0	3.5	0.3	1258.4	0.02	99.50
138.0-139.0	3.5	0.3	1258.6	0.02	99.52
139.0-140.0	3.5	0.3	1258.9	0.02	99.54
140.0-141.0	3.6	0.2	1259.1	0.02	99.56
141.0-142.0	3.6	0.2	1259.4	0.02	99.58
142.0-143.0	3.6	0.2	1259.6	0.02	99.60
143.0-144.0	3.7	0.2	1259.9	0.02	99.62

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	3.7	0.2	1260.1	0.02	99.63
145.0-146.0	3.7	0.2	1260.3	0.02	99.65
146.0-147.0	3.8	0.2	1260.6	0.02	99.67
147.0-148.0	3.8	0.2	1260.8	0.02	99.69
148.0-149.0	3.8	0.2	1261.0	0.02	99.71
149.0-150.0	3.9	0.2	1261.2	0.02	99.72
150.0-151.0	3.9	0.2	1261.4	0.02	99.74
151.0-152.0	3.9	0.2	1261.6	0.02	99.76
152.0-153.0	4.0	0.2	1261.8	0.02	99.77
153.0-154.0	4.0	0.2	1262.0	0.02	99.79
154.0-155.0	4.0	0.2	1262.2	0.02	99.80
155.0-156.0	4.0	0.2	1262.4	0.01	99.82
156.0-157.0	4.1	0.2	1262.6	0.01	99.83
157.0-158.0	4.1	0.2	1262.8	0.01	99.84
158.0-159.0	4.1	0.2	1262.9	0.01	99.86
159.0-160.0	4.2	0.2	1263.1	0.01	99.87
160.0-161.0	4.2	0.2	1263.2	0.01	99.88
161.0-162.0	4.2	0.1	1263.4	0.01	99.89
162.0-163.0	4.2	0.1	1263.5	0.01	99.90
163.0-164.0	4.3	0.1	1263.7	0.01	99.92
164.0-165.0	4.3	0.1	1263.8	0.01	99.93
165.0-166.0	4.3	0.1	1263.9	0.01	99.93
166.0-167.0	4.3	0.1	1264.0	0.01	99.94
167.0-168.0	4.4	0.1	1264.1	0.01	99.95
168.0-169.0	4.4	0.1	1264.2	0.01	99.96
169.0-170.0	4.4	0.1	1264.3	0.01	99.97
170.0-171.0	4.4	0.1	1264.4	0.01	99.97
171.0-172.0	4.4	0.1	1264.4	0.01	99.98
172.0-173.0	4.5	0.1	1264.5	0.01	99.98
173.0-174.0	4.5	0.1	1264.6	0.00	99.99
174.0-175.0	4.5	0.0	1264.6	0.00	99.99
175.0-176.0	4.5	0.0	1264.7	0.00	99.99
176.0-177.0	4.5	0.0	1264.7	0.00	100.00
177.0-178.0	4.6	0.0	1264.7	0.00	100.00
178.0-179.0	4.6	0.0	1264.7	0.00	100.00
179.0-180.0	4.6	0.0	1264.7	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: