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

Report No.: **Test Time: 2021/2/5 18:30**

Luminaire Property

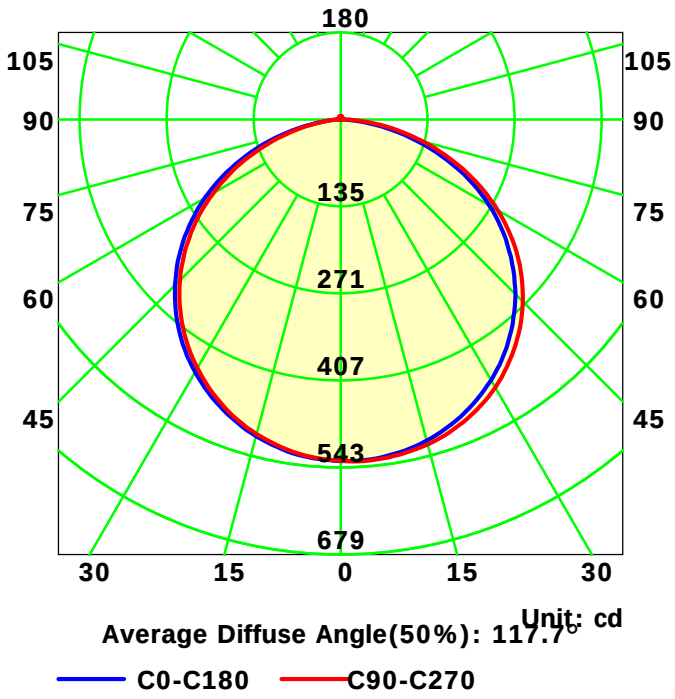
Luminaire Manufacturer:
Luminaire Category: FLEXBACKLYTE
Luminaire Description: FBL242022RGB30-R+G+B+W
Lamp Catalog: 5050 RGBW 4IN1 **Number of Lamps: 144 5050RGBW**
Luminous Length (mm): 304 **Luminous Width (mm): 304**
Luminous Height (mm): 2 **Voltage: 24.0 V**
Current: 0.921 A **Power: 22.10 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 1627.2 lm**
Measurement Flux: 1627.2 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H161.2,H117.7
Vertical Diffuse Angle(10%,50%): V162.1,V117.7
Luminaire Efficacy Rating (LER): 74 **Central Intensity: 533.59 cd**
Max. Intensity: 535.27 cd **Pos of Max. Intensity: H60 V4**

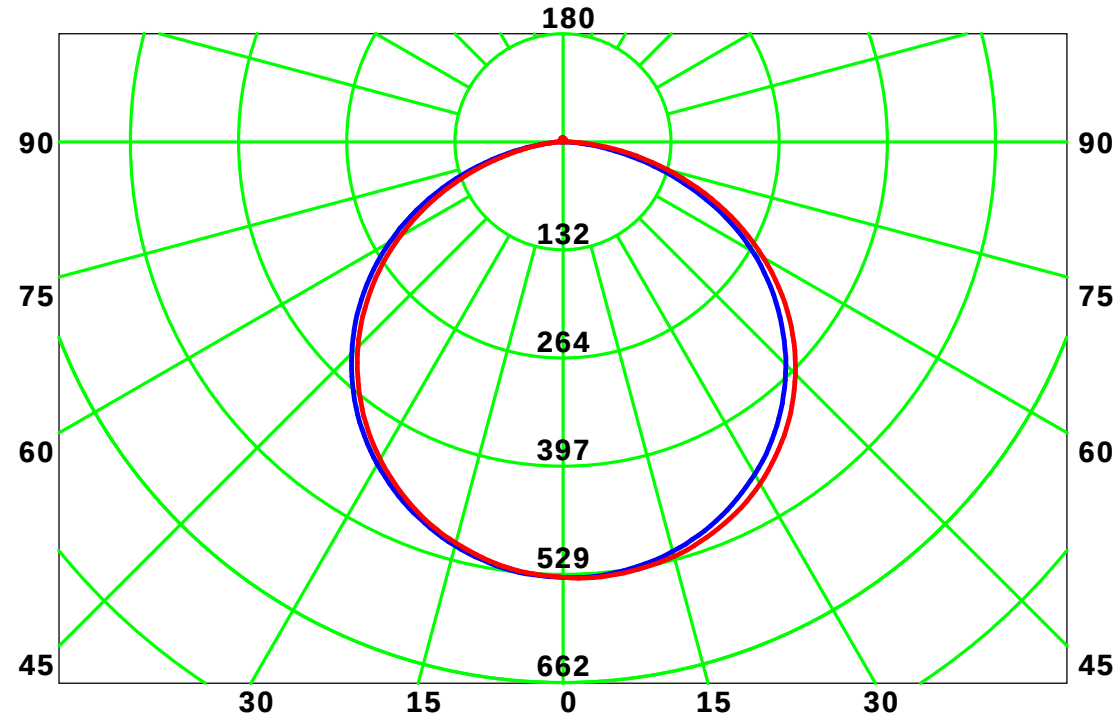
Picture Of Luminaire

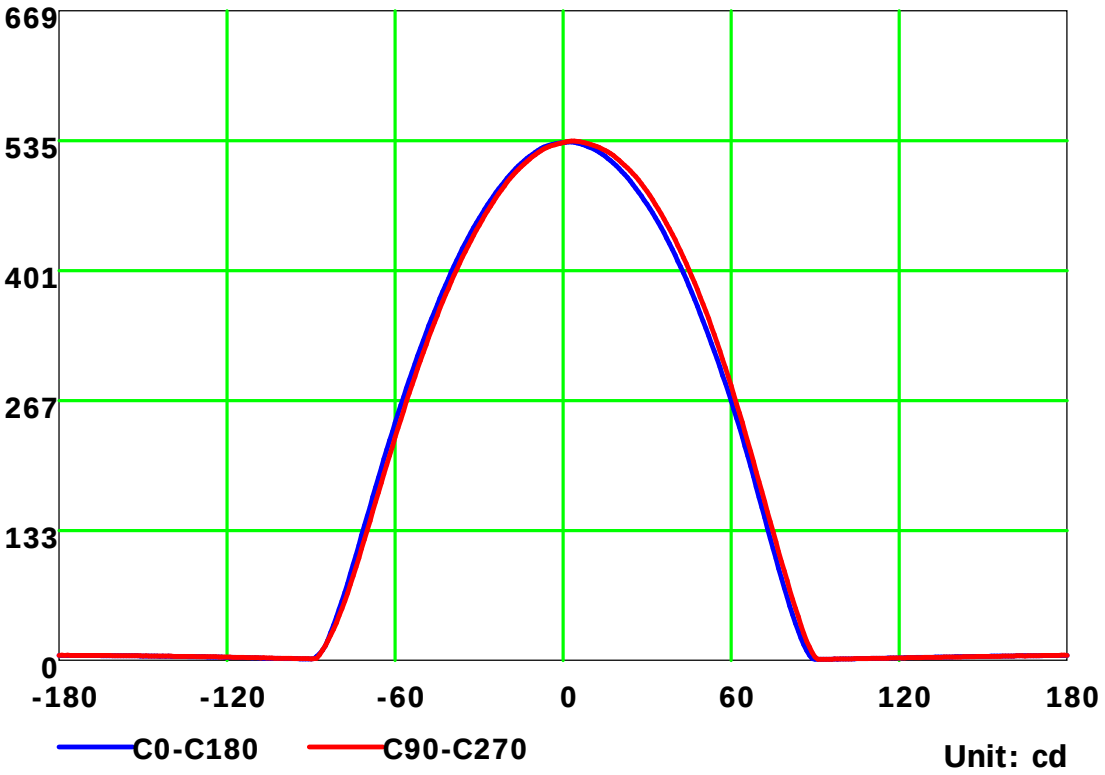
Luminous Intensity Distribution Curve



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

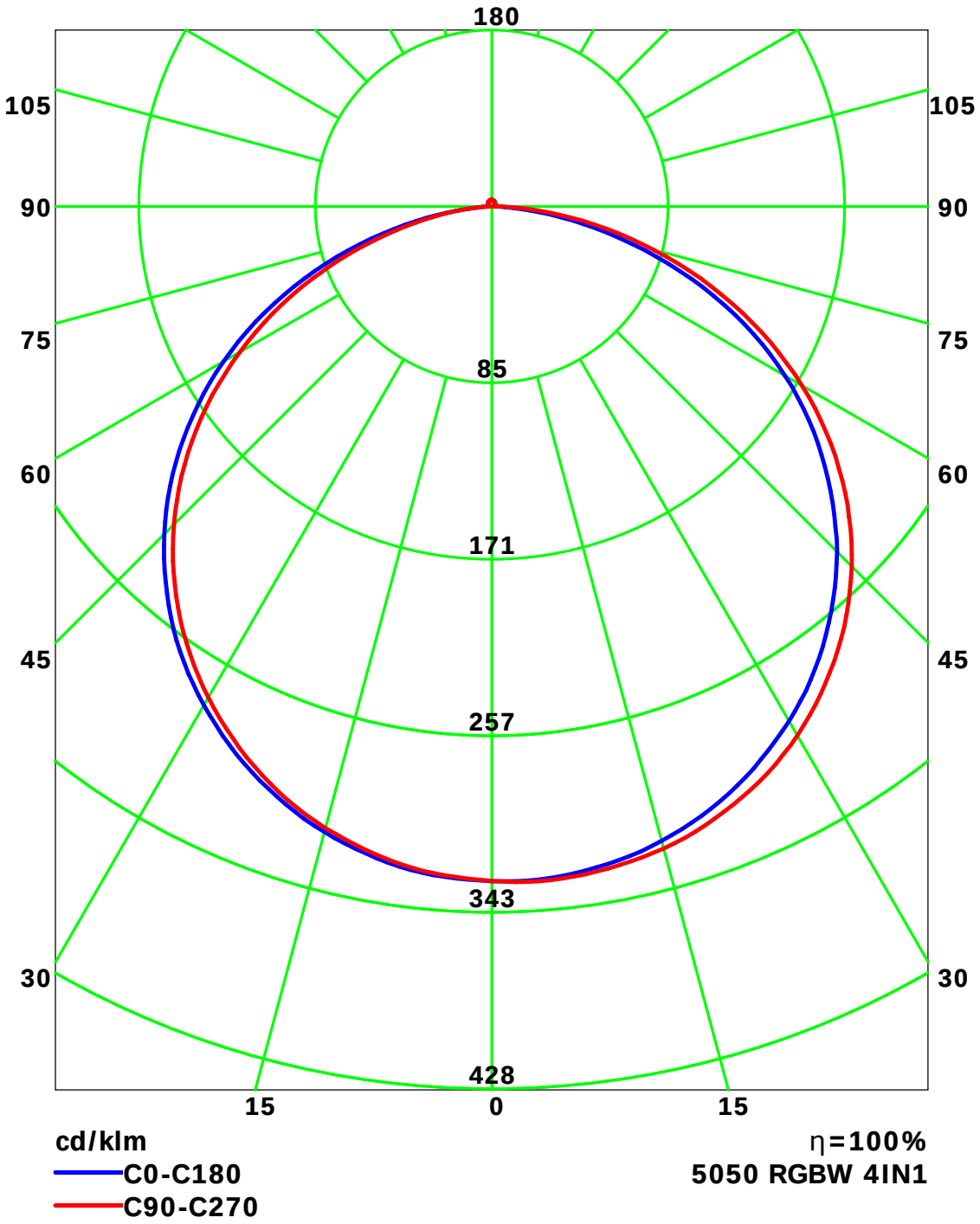




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

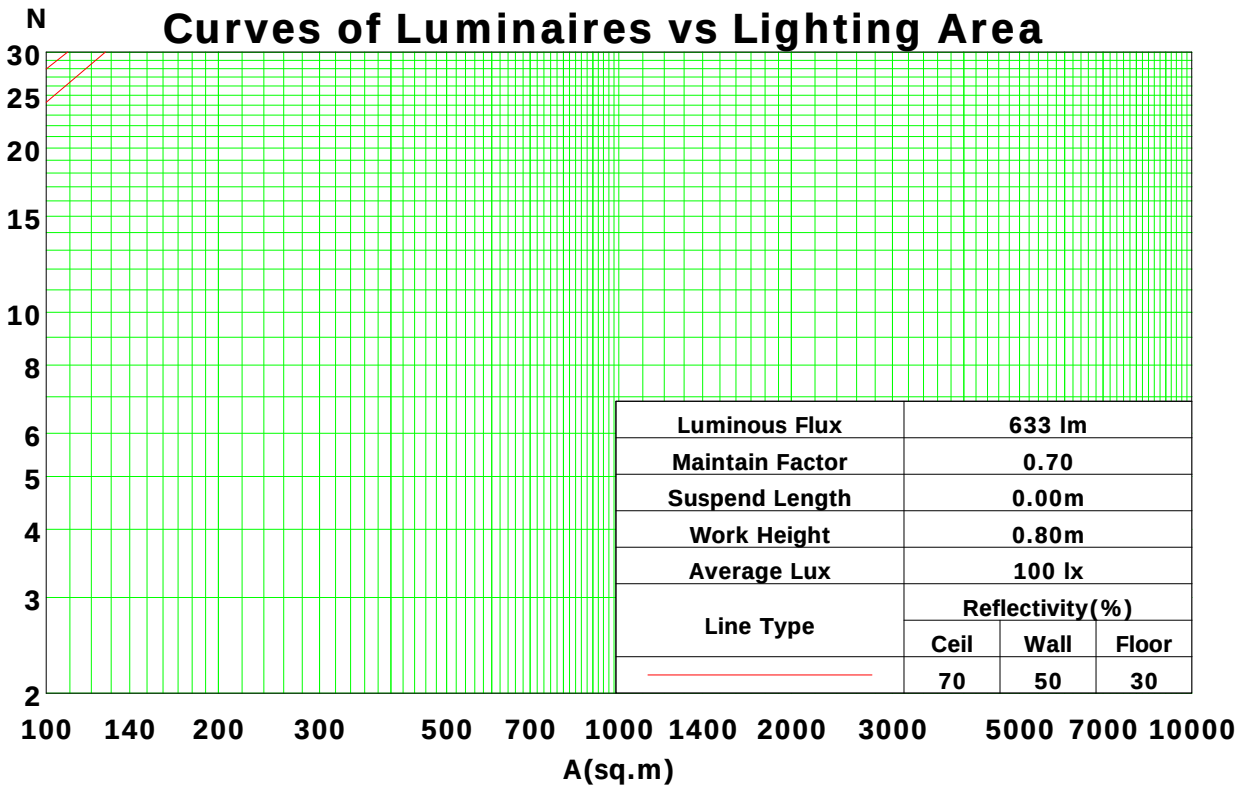
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	108	104	99	95	105	101	97	94	97	93	90	92	90	87	89	87	85	82
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	77	74	71	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	79	68	60	53	65	58	53	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	56	50	45	54	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	42	35	62	50	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	29
9	56	42	34	28	54	41	34	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.29
Spacing Criteria (90-270): 1.30
Spacing Criteria (Diagonal): 1.42

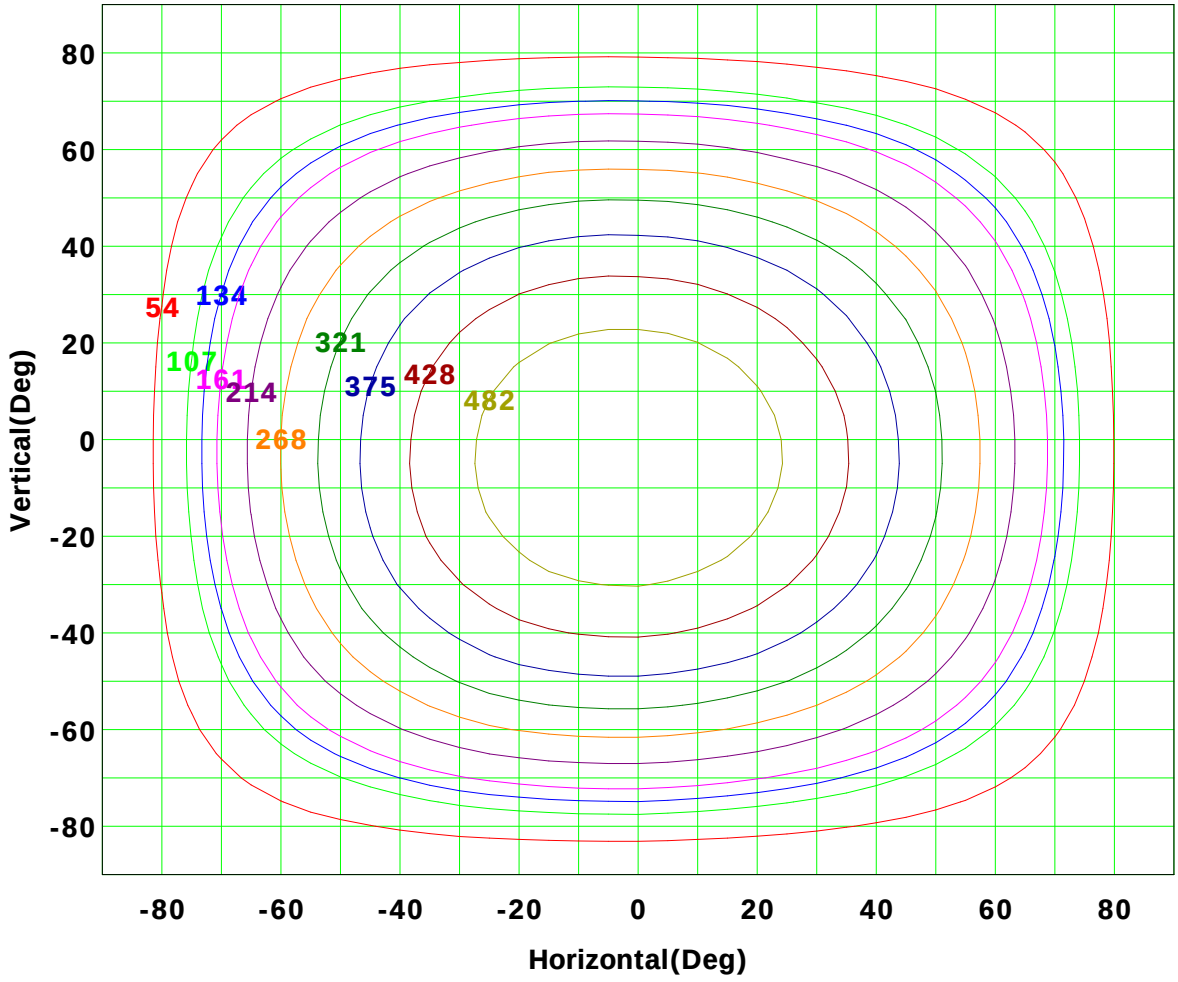
Curves of Luminaires vs Lighting Area



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)



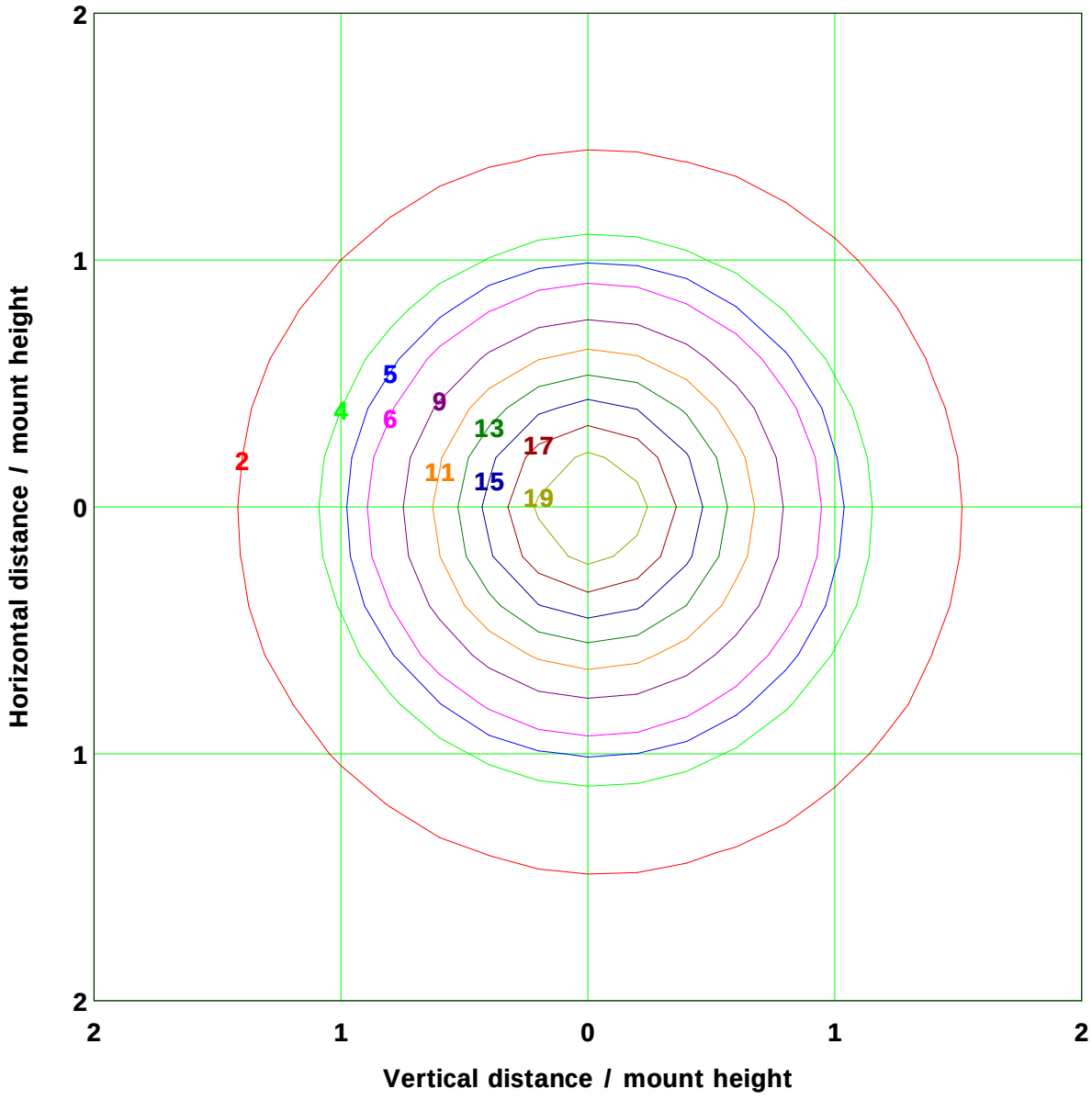
Imax (100%): 535 cd

(10%):	54 cd	(20%):	107 cd
(25%):	134 cd	(30%):	161 cd
(40%):	214 cd	(50%):	268 cd
(60%):	321 cd	(70%):	375 cd
(80%):	428 cd	(90%):	482 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%): 21.4 lx

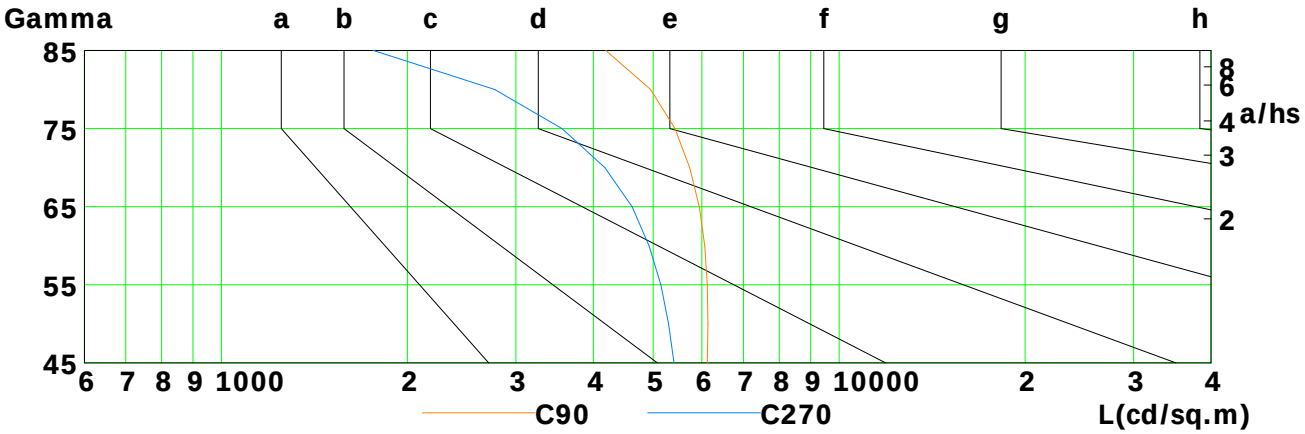
(10%): 2.1 lx	(20%): 4.3 lx
(25%): 5.3 lx	(30%): 6.4 lx
(40%): 8.5 lx	(50%): 10.7 lx
(60%): 12.8 lx	(70%): 15.0 lx
(80%): 17.1 lx	(90%): 19.2 lx

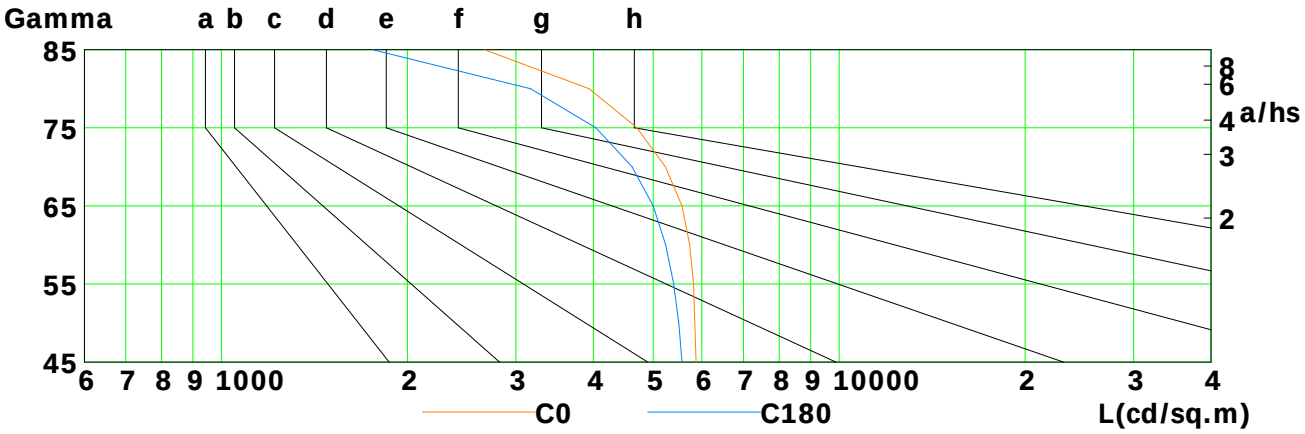
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



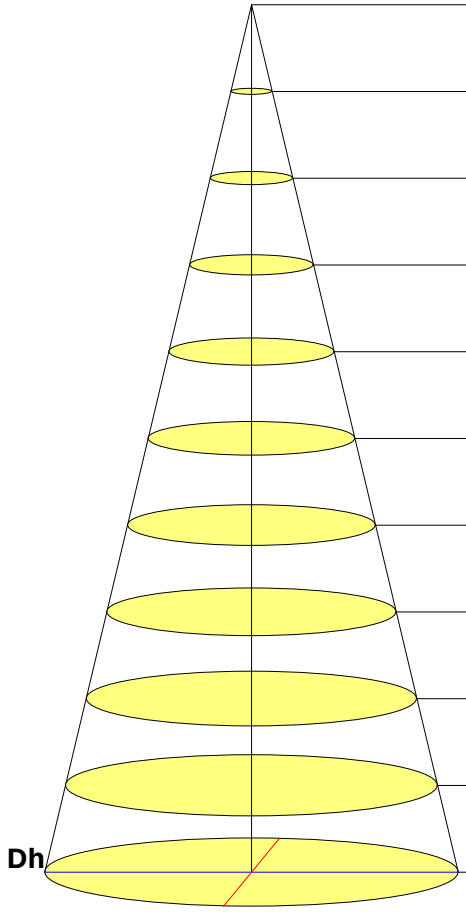


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5870	5841	5811	5730	5569	5232	4708	3940	2667
C90	6123	6136	6122	6060	5942	5730	5424	4957	4190
C180	5570	5505	5399	5242	5005	4625	4039	3169	1756
C270	5406	5298	5149	4924	4625	4177	3559	2772	1763

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



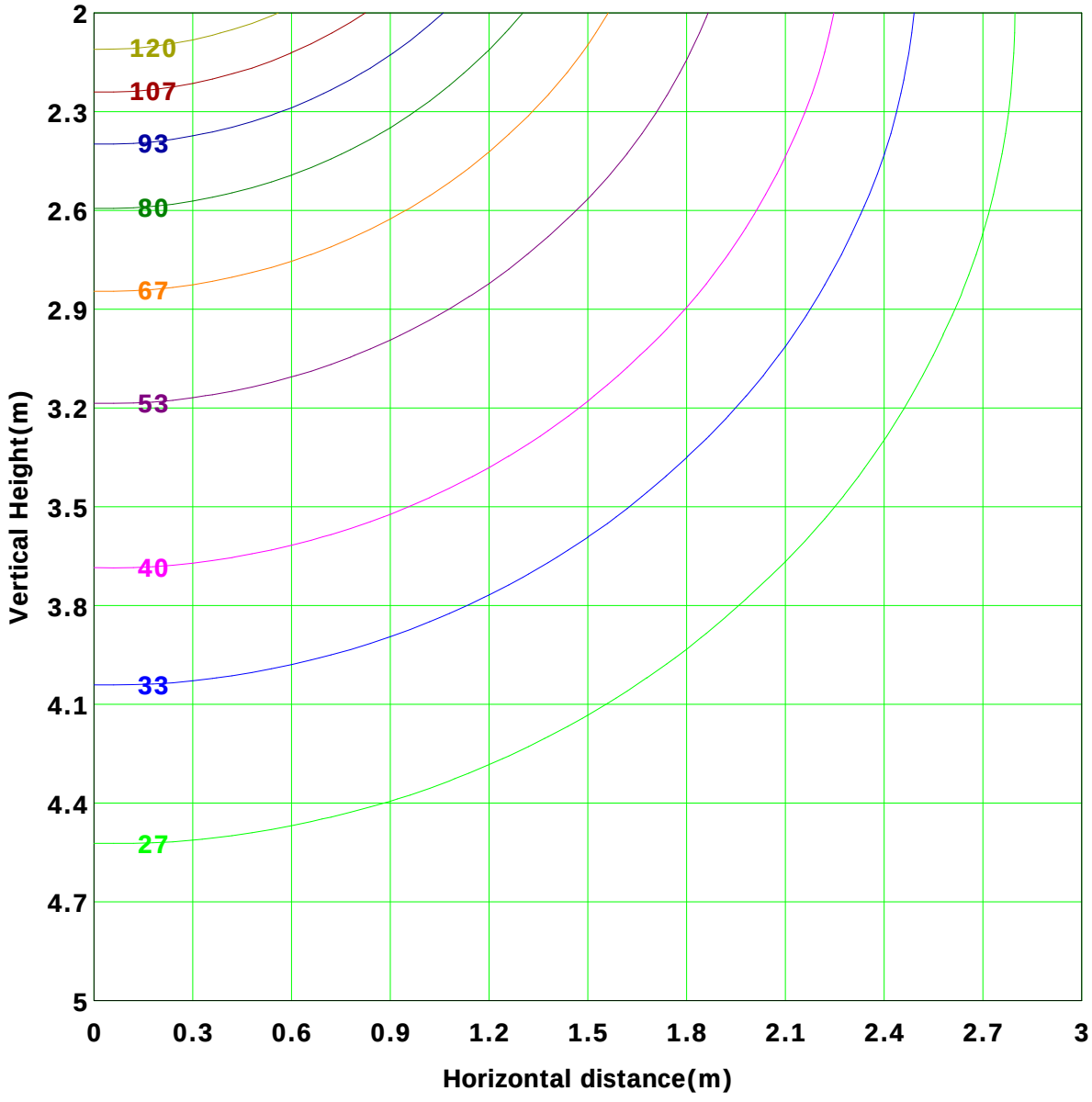
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	533.59	3.31/3.31	8.8	75.79
2.0	133.40	6.61/6.61	35.2	18.95
3.0	59.29	9.92/9.92	79.2	8.42
4.0	33.35	13.23/13.23	140.9	4.74
5.0	21.34	16.53/16.54	220.1	3.03
6.0	14.82	19.84/19.84	316.9	2.11
7.0	10.89	23.15/23.15	431.4	1.55
8.0	8.34	26.45/26.46	563.4	1.18
9.0	6.59	29.76/29.76	713.1	0.94
10.0	5.34	33.07/33.07	880.3	0.76

Beam Angle(B): H117.7 V117.7 Field Angle(F): H161.2 V162.1

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: 133.4 lx

(10%): 13.3 lx	(20%): 26.7 lx
(25%): 33.3 lx	(30%): 40.0 lx
(40%): 53.4 lx	(50%): 66.7 lx
(60%): 80.0 lx	(70%): 93.4 lx
(80%): 106.7 lx	(90%): 120.1 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

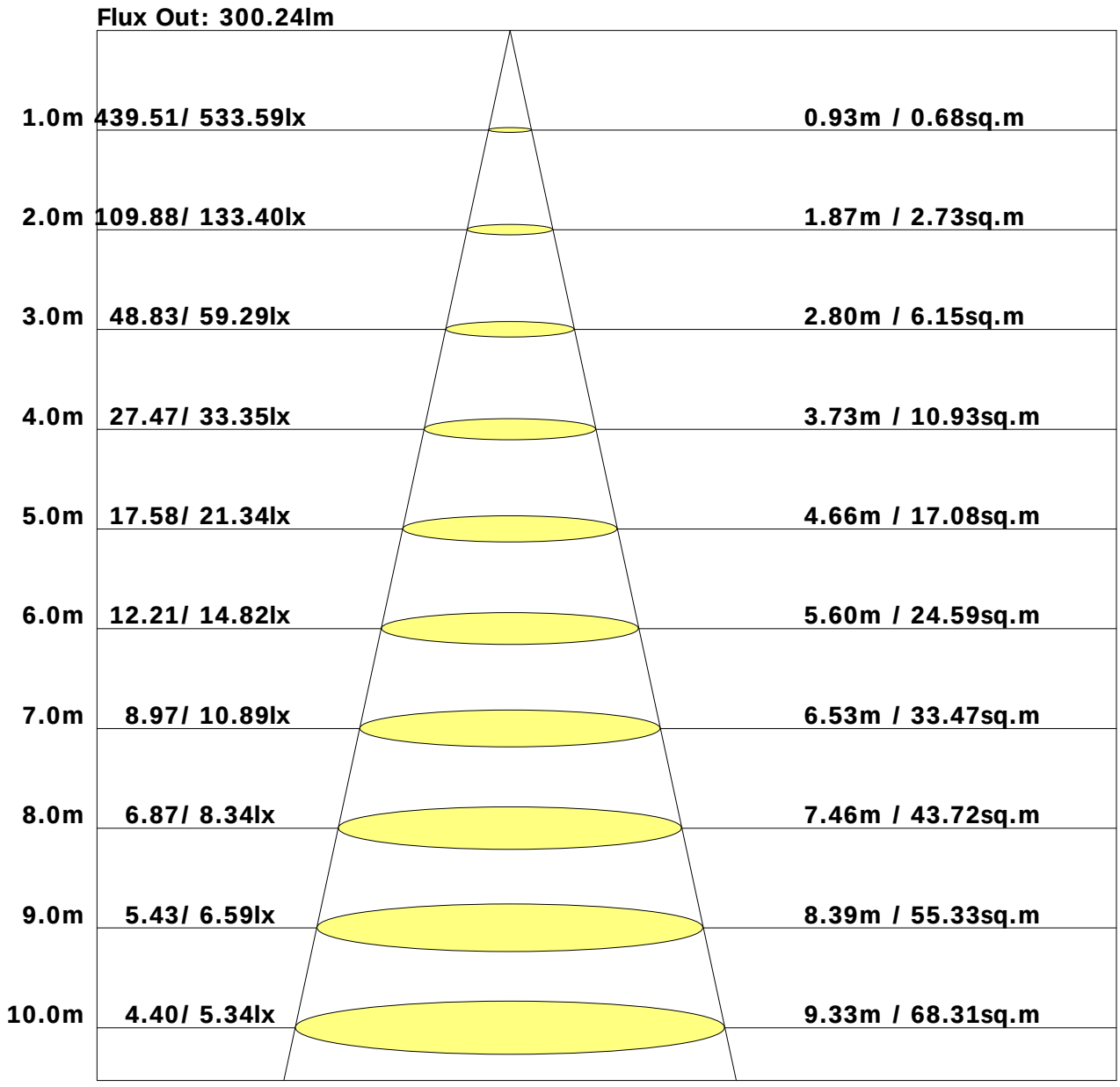
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	8.2	6.6
0.1	0.3	0.6	1.1	1.5	1.9	2.1	2.2	2.4	2.5	2.6	2.5	2.3	2.1	1.7	1.3	0.8	0.4	0.1	26.3	25.0
0.1	0.6	1.4	2.2	3.1	3.8	4.1	4.4	4.8	5.0	5.1	4.9	4.6	4.1	3.5	2.7	1.8	0.9	0.2	53.3	52.0
0.2	1.1	2.3	3.7	5.0	6.0	6.6	6.9	7.5	7.8	7.9	7.7	7.3	6.6	5.6	4.4	3.0	1.6	0.4	85.0	83.7
0.3	1.5	3.3	5.2	6.9	8.3	9.1	9.4	10.2	10.6	10.7	10.5	10.0	9.1	7.8	6.2	4.3	2.3	0.6	117.2	116.0
0.4	2.0	4.3	6.6	8.6	10.3	11.6	12.5	13.0	13.0	13.2	12.9	12.3	11.2	9.8	7.8	5.5	3.0	0.8	145.9	144.6
0.5	2.4	5.0	7.7	10.0	11.8	13.3	14.3	14.9	15.0	15.0	14.8	14.1	12.9	11.2	9.1	6.4	3.6	1.0	167.8	166.5
0.5	2.6	5.5	8.3	10.7	12.7	14.2	15.3	15.9	16.1	16.1	15.8	15.0	13.8	12.1	9.8	7.0	3.9	1.1	180.2	179.0
0.5	2.7	5.5	8.3	10.8	12.7	14.3	15.4	16.0	16.1	15.3	15.9	15.1	13.9	12.2	9.9	7.1	4.0	1.2	181.7	180.4
0.5	2.5	5.2	7.9	10.2	12.1	13.5	14.6	15.1	15.3	15.0	14.3	13.2	11.5	9.4	6.7	3.8	1.1	172.0	170.8
0.5	2.2	4.6	6.9	9.0	10.7	12.0	12.9	13.4	13.5	13.3	12.7	11.7	10.2	8.3	5.9	3.3	1.0	152.1	150.9
0.4	1.8	3.7	5.6	7.4	8.8	9.9	10.6	11.0	11.1	10.9	10.4	9.5	8.3	6.7	4.7	2.6	0.8	124.1	123.0
0.3	1.3	2.6	4.1	5.4	6.5	7.3	7.9	8.2	8.3	8.2	7.8	7.1	6.1	4.9	3.4	1.9	0.5	91.7	90.5
0.2	0.8	1.6	2.6	3.4	4.2	4.8	5.2	5.4	5.4	5.3	5.0	4.6	3.9	3.0	2.1	1.1	0.3	58.9	57.7
0.1	0.4	1.3	2.1	2.5	2.6	2.7	2.5	2.8	2.8	2.8	2.6	2.3	1.9	1.5	1.0	0.5	0.2	30.1	28.9
0.0	0.1	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.0	9.8	8.5
0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0	0.1	
4.5	22.3	47.0	72.3	85.8	107.1	123.6	135.4	142.5	145.2	143.7	137.9	127.8	113.4	94.8	60.3	33.3	9.4	1606		
0.0	17.7	46.0	71.8	85.4	106.8	123.4	135.2	142.3	145.0	143.6	137.8	127.6	113.1	94.5	59.6	31.3	3.2			1584

Horizontal plane

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

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

The Average Illuminance Effective Figure



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

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

UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	16.8	18.4	17.2	18.7	19.1	17.1	18.7	17.5	19.1	19.4
3H	18.6	20.1	19.0	20.5	20.8	19.0	20.5	19.4	20.9	21.3
4H	19.3	20.7	19.7	21.0	21.5	19.8	21.2	20.2	21.5	22.0
6H	19.7	21.0	20.2	21.4	21.8	20.3	21.6	20.8	22.0	22.4
8H	19.9	21.1	20.3	21.5	21.9	20.5	21.8	21.0	22.2	22.6
12H	19.9	21.1	20.4	21.5	22.0	20.7	21.8	21.1	22.2	22.7
X=4H Y=2H	17.4	18.8	17.8	19.2	19.6	17.8	19.1	18.2	19.5	19.9
3H	19.5	20.7	19.9	21.1	21.5	19.9	21.1	20.3	21.5	21.9
4H	20.3	21.3	20.7	21.8	22.2	20.8	21.8	21.2	22.3	22.7
6H	20.8	21.7	21.3	22.2	22.7	21.5	22.4	21.9	22.8	23.3
8H	21.0	21.8	21.5	22.3	22.8	21.7	22.6	22.2	23.0	23.5
12H	21.1	21.9	21.6	22.4	22.9	21.9	22.6	22.4	23.1	23.6
X=8H Y=4H	20.6	21.4	21.0	21.9	22.4	21.1	21.9	21.6	22.4	22.9
6H	21.2	22.0	21.8	22.5	23.0	21.9	22.6	22.4	23.1	23.6
8H	21.5	22.1	22.0	22.6	23.1	22.2	22.8	22.7	23.4	23.9
12H	21.6	22.2	22.1	22.7	23.3	22.4	23.0	23.0	23.5	24.1
X=12H Y=4H	20.6	21.4	21.1	21.9	22.4	21.1	21.9	21.6	22.4	22.9
6H	21.3	21.9	21.8	22.4	23.0	21.9	22.6	22.5	23.1	23.6
8H	21.6	22.1	22.1	22.6	23.2	22.3	22.9	22.8	23.4	24.0

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	0.59	0.67	0.75	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.51	0.60	0.68	0.73	0.81	0.87	0.91	0.96	1.00
	0.20		0.46	0.54	0.62	0.68	0.76	0.82	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.50	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.45	0.53	0.61	0.67	0.75	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.56	0.63	0.70	0.75	0.81	0.85	0.88	0.92	0.95
	0.30		0.49	0.57	0.65	0.70	0.77	0.81	0.85	0.89	0.92
	0.20		0.45	0.53	0.60	0.66	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.43	0.50	0.57	0.62	0.69	0.74	0.78	0.82	0.85

Rating:22W 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	0.96	0.81	0.69	0.60	0.48	0.40	0.34	0.26	0.21
	0.30		0.80	0.70	0.60	0.53	0.43	0.36	0.31	0.25	0.20
	0.20		0.69	0.61	0.53	0.47	0.39	0.34	0.29	0.23	0.19
0.50	0.50	0.20	0.92	0.78	0.66	0.57	0.45	0.41	0.32	0.25	0.20
	0.30		0.78	0.68	0.58	0.51	0.42	0.35	0.30	0.24	0.19
	0.20		0.68	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.19
0.30	0.50	0.20	0.89	0.75	0.63	0.55	0.43	0.36	0.31	0.24	0.19
	0.30		0.76	0.66	0.56	0.49	0.40	0.34	0.29	0.23	0.18
	0.20		0.67	0.59	0.51	0.45	0.37	0.31	0.27	0.22	0.18
0.00	0.00	0.00	0.56	0.49	0.42	0.37	0.29	0.25	0.21	0.17	0.14

Rating:22W 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	0.17	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	0.20
	0.20		0.06	0.07	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	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	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	0.17
0.30	0.50	0.20	0.16	0.17	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	0.16	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:22W 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	533.5	0.5	0.5	0.03	0.03
1.0-2.0	533.5	1.5	2.0	0.09	0.13
2.0-3.0	533.3	2.6	4.6	0.16	0.28
3.0-4.0	533.0	3.6	8.2	0.22	0.50
4.0-5.0	532.5	4.6	12.7	0.28	0.78
5.0-6.0	531.8	5.6	18.3	0.34	1.13
6.0-7.0	530.8	6.6	24.9	0.40	1.53
7.0-8.0	529.7	7.6	32.5	0.47	2.00
8.0-9.0	528.4	8.6	41.1	0.53	2.52
9.0-10.0	526.9	9.5	50.6	0.59	3.11
10.0-11.0	525.3	10.5	61.1	0.65	3.76
11.0-12.0	523.6	11.4	72.6	0.70	4.46
12.0-13.0	521.8	12.4	84.9	0.76	5.22
13.0-14.0	519.8	13.3	98.2	0.82	6.04
14.0-15.0	517.7	14.2	112.5	0.87	6.91
15.0-16.0	515.4	15.1	127.6	0.93	7.84
16.0-17.0	513.0	16.0	143.5	0.98	8.82
17.0-18.0	510.4	16.8	160.4	1.03	9.86
18.0-19.0	507.6	17.7	178.0	1.09	10.94
19.0-20.0	504.7	18.5	196.5	1.14	12.08
20.0-21.0	501.6	19.3	215.8	1.18	13.26
21.0-22.0	498.3	20.0	235.8	1.23	14.49
22.0-23.0	495.0	20.8	256.6	1.28	15.77
23.0-24.0	491.5	21.5	278.1	1.32	17.09
24.0-25.0	487.8	22.2	300.2	1.36	18.45
25.0-26.0	483.9	22.8	323.1	1.40	19.86
26.0-27.0	479.9	23.5	346.6	1.44	21.30
27.0-28.0	475.8	24.1	370.7	1.48	22.78
28.0-29.0	471.5	24.7	395.3	1.52	24.30
29.0-30.0	467.2	25.2	420.6	1.55	25.85
30.0-31.0	462.6	25.7	446.3	1.58	27.43
31.0-32.0	457.9	26.2	472.5	1.61	29.04
32.0-33.0	453.0	26.7	499.2	1.64	30.68
33.0-34.0	448.0	27.1	526.4	1.67	32.35
34.0-35.0	442.8	27.5	553.9	1.69	34.04
35.0-36.0	437.4	27.9	581.7	1.71	35.75

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	431.9	28.2	609.9	1.73	37.48
37.0-38.0	426.2	28.5	638.3	1.75	39.23
38.0-39.0	420.4	28.7	667.0	1.76	40.99
39.0-40.0	414.4	28.9	696.0	1.78	42.77
40.0-41.0	408.3	29.1	725.0	1.79	44.56
41.0-42.0	402.0	29.2	754.2	1.80	46.35
42.0-43.0	395.6	29.3	783.6	1.80	48.15
43.0-44.0	389.0	29.4	812.9	1.80	49.96
44.0-45.0	382.3	29.4	842.3	1.81	51.76
45.0-46.0	375.4	29.4	871.7	1.80	53.57
46.0-47.0	368.3	29.3	901.0	1.80	55.37
47.0-48.0	361.0	29.2	930.1	1.79	57.16
48.0-49.0	353.7	29.0	959.2	1.79	58.95
49.0-50.0	346.1	28.9	988.1	1.77	60.72
50.0-51.0	338.4	28.6	1016.7	1.76	62.48
51.0-52.0	330.5	28.4	1045.1	1.74	64.22
52.0-53.0	322.5	28.1	1073.1	1.72	65.95
53.0-54.0	314.3	27.7	1100.8	1.70	67.65
54.0-55.0	306.0	27.3	1128.1	1.68	69.33
55.0-56.0	297.4	26.9	1155.0	1.65	70.98
56.0-57.0	288.7	26.4	1181.4	1.62	72.60
57.0-58.0	279.9	25.9	1207.3	1.59	74.20
58.0-59.0	271.0	25.3	1232.6	1.56	75.75
59.0-60.0	261.8	24.7	1257.4	1.52	77.27
60.0-61.0	252.4	24.1	1281.5	1.48	78.75
61.0-62.0	243.1	23.4	1304.9	1.44	80.19
62.0-63.0	233.4	22.7	1327.6	1.40	81.59
63.0-64.0	223.7	22.0	1349.5	1.35	82.94
64.0-65.0	213.9	21.2	1370.7	1.30	84.24
65.0-66.0	204.0	20.4	1391.1	1.25	85.49
66.0-67.0	193.9	19.5	1410.6	1.20	86.69
67.0-68.0	183.8	18.6	1429.2	1.14	87.83
68.0-69.0	173.6	17.7	1446.9	1.09	88.92
69.0-70.0	163.3	16.8	1463.7	1.03	89.95
70.0-71.0	153.1	15.8	1479.5	0.97	90.92
71.0-72.0	142.9	14.9	1494.4	0.91	91.84

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	132.7	13.9	1508.3	0.85	92.69
73.0-74.0	122.7	12.9	1521.2	0.79	93.48
74.0-75.0	112.7	11.9	1533.1	0.73	94.22
75.0-76.0	102.9	10.9	1544.0	0.67	94.89
76.0-77.0	93.3	10.0	1553.9	0.61	95.50
77.0-78.0	84.0	9.0	1562.9	0.55	96.05
78.0-79.0	74.9	8.0	1571.0	0.49	96.55
79.0-80.0	65.9	7.1	1578.1	0.44	96.98
80.0-81.0	57.3	6.2	1584.3	0.38	97.36
81.0-82.0	49.0	5.3	1589.6	0.33	97.69
82.0-83.0	40.9	4.5	1594.0	0.27	97.96
83.0-84.0	33.4	3.6	1597.7	0.22	98.19
84.0-85.0	26.5	2.9	1600.6	0.18	98.36
85.0-86.0	20.0	2.2	1602.8	0.13	98.50
86.0-87.0	14.1	1.5	1604.3	0.09	98.59
87.0-88.0	9.1	1.0	1605.3	0.06	98.66
88.0-89.0	5.3	0.6	1605.9	0.04	98.69
89.0-90.0	3.0	0.3	1606.2	0.02	98.71
90.0-91.0	2.0	0.2	1606.4	0.01	98.73
91.0-92.0	1.8	0.2	1606.6	0.01	98.74
92.0-93.0	1.8	0.2	1606.8	0.01	98.75
93.0-94.0	1.9	0.2	1607.0	0.01	98.76
94.0-95.0	1.9	0.2	1607.2	0.01	98.77
95.0-96.0	1.9	0.2	1607.4	0.01	98.79
96.0-97.0	2.0	0.2	1607.7	0.01	98.80
97.0-98.0	2.0	0.2	1607.9	0.01	98.81
98.0-99.0	2.0	0.2	1608.1	0.01	98.83
99.0-100.0	2.1	0.2	1608.3	0.01	98.84
100.0-101.0	2.1	0.2	1608.6	0.01	98.86
101.0-102.0	2.2	0.2	1608.8	0.01	98.87
102.0-103.0	2.2	0.2	1609.0	0.01	98.88
103.0-104.0	2.3	0.2	1609.3	0.02	98.90
104.0-105.0	2.4	0.2	1609.5	0.02	98.91
105.0-106.0	2.4	0.3	1609.8	0.02	98.93
106.0-107.0	2.5	0.3	1610.0	0.02	98.95
107.0-108.0	2.5	0.3	1610.3	0.02	98.96

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	1610.6	0.02	98.98
109.0-110.0	2.7	0.3	1610.9	0.02	99.00
110.0-111.0	2.7	0.3	1611.1	0.02	99.01
111.0-112.0	2.8	0.3	1611.4	0.02	99.03
112.0-113.0	2.8	0.3	1611.7	0.02	99.05
113.0-114.0	2.9	0.3	1612.0	0.02	99.07
114.0-115.0	3.0	0.3	1612.3	0.02	99.08
115.0-116.0	3.0	0.3	1612.6	0.02	99.10
116.0-117.0	3.1	0.3	1612.9	0.02	99.12
117.0-118.0	3.1	0.3	1613.2	0.02	99.14
118.0-119.0	3.2	0.3	1613.5	0.02	99.16
119.0-120.0	3.2	0.3	1613.8	0.02	99.18
120.0-121.0	3.3	0.3	1614.1	0.02	99.20
121.0-122.0	3.3	0.3	1614.4	0.02	99.22
122.0-123.0	3.4	0.3	1614.7	0.02	99.24
123.0-124.0	3.5	0.3	1615.1	0.02	99.25
124.0-125.0	3.5	0.3	1615.4	0.02	99.27
125.0-126.0	3.6	0.3	1615.7	0.02	99.29
126.0-127.0	3.6	0.3	1616.0	0.02	99.31
127.0-128.0	3.7	0.3	1616.3	0.02	99.33
128.0-129.0	3.7	0.3	1616.7	0.02	99.35
129.0-130.0	3.8	0.3	1617.0	0.02	99.37
130.0-131.0	3.8	0.3	1617.3	0.02	99.39
131.0-132.0	3.9	0.3	1617.6	0.02	99.41
132.0-133.0	3.9	0.3	1617.9	0.02	99.43
133.0-134.0	4.0	0.3	1618.3	0.02	99.45
134.0-135.0	4.0	0.3	1618.6	0.02	99.47
135.0-136.0	4.1	0.3	1618.9	0.02	99.49
136.0-137.0	4.1	0.3	1619.2	0.02	99.51
137.0-138.0	4.2	0.3	1619.5	0.02	99.53
138.0-139.0	4.2	0.3	1619.8	0.02	99.55
139.0-140.0	4.3	0.3	1620.1	0.02	99.57
140.0-141.0	4.3	0.3	1620.4	0.02	99.58
141.0-142.0	4.4	0.3	1620.7	0.02	99.60
142.0-143.0	4.4	0.3	1621.0	0.02	99.62
143.0-144.0	4.4	0.3	1621.3	0.02	99.64

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

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

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	4.5	0.3	1621.6	0.02	99.66
145.0-146.0	4.5	0.3	1621.9	0.02	99.67
146.0-147.0	4.6	0.3	1622.1	0.02	99.69
147.0-148.0	4.6	0.3	1622.4	0.02	99.71
148.0-149.0	4.6	0.3	1622.7	0.02	99.72
149.0-150.0	4.7	0.3	1622.9	0.02	99.74
150.0-151.0	4.7	0.3	1623.2	0.02	99.75
151.0-152.0	4.8	0.2	1623.4	0.02	99.77
152.0-153.0	4.8	0.2	1623.7	0.01	99.79
153.0-154.0	4.8	0.2	1623.9	0.01	99.80
154.0-155.0	4.9	0.2	1624.2	0.01	99.81
155.0-156.0	4.9	0.2	1624.4	0.01	99.83
156.0-157.0	4.9	0.2	1624.6	0.01	99.84
157.0-158.0	5.0	0.2	1624.8	0.01	99.85
158.0-159.0	5.0	0.2	1625.0	0.01	99.87
159.0-160.0	5.0	0.2	1625.2	0.01	99.88
160.0-161.0	5.1	0.2	1625.4	0.01	99.89
161.0-162.0	5.1	0.2	1625.6	0.01	99.90
162.0-163.0	5.1	0.2	1625.7	0.01	99.91
163.0-164.0	5.2	0.2	1625.9	0.01	99.92
164.0-165.0	5.2	0.2	1626.0	0.01	99.93
165.0-166.0	5.2	0.1	1626.2	0.01	99.94
166.0-167.0	5.2	0.1	1626.3	0.01	99.95
167.0-168.0	5.3	0.1	1626.4	0.01	99.95
168.0-169.0	5.3	0.1	1626.6	0.01	99.96
169.0-170.0	5.3	0.1	1626.7	0.01	99.97
170.0-171.0	5.4	0.1	1626.8	0.01	99.97
171.0-172.0	5.4	0.1	1626.8	0.01	99.98
172.0-173.0	5.4	0.1	1626.9	0.00	99.98
173.0-174.0	5.5	0.1	1627.0	0.00	99.99
174.0-175.0	5.5	0.1	1627.1	0.00	99.99
175.0-176.0	5.5	0.0	1627.1	0.00	99.99
176.0-177.0	5.5	0.0	1627.1	0.00	100.00
177.0-178.0	5.5	0.0	1627.2	0.00	100.00
178.0-179.0	5.5	0.0	1627.2	0.00	100.00
179.0-180.0	5.5	0.0	1627.2	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: