ACOLYTE
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Report No.: **Test Time: 2021/2/5 15:29**

Luminaire Property

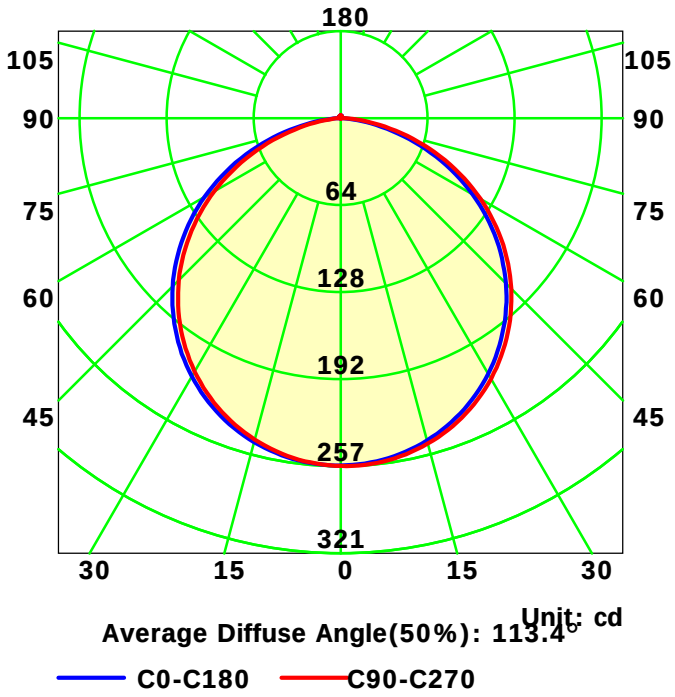
Luminaire Manufacturer:
Luminaire Category: FLEXBACKLYTE
Luminaire Description: FBL24206.030
Lamp Catalog: 2835 3000K
Number of Lamps: 144
Luminous Length (mm): 304
Luminous Width (mm): 304
Luminous Height (mm): 2
Voltage: 24.0 V
Current: 0.275 A
Power: 6.61 W
Power Factor: 1.000

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 739.8 lm
Measurement Flux: 739.8 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H159.4,H113.6
Vertical Diffuse Angle(10%,50%): V159.4,V113.2
Luminaire Efficacy Rating (LER): 112
Central Intensity: 256.38 cd
Max. Intensity: 257 cd
Pos of Max. Intensity: H150 V0

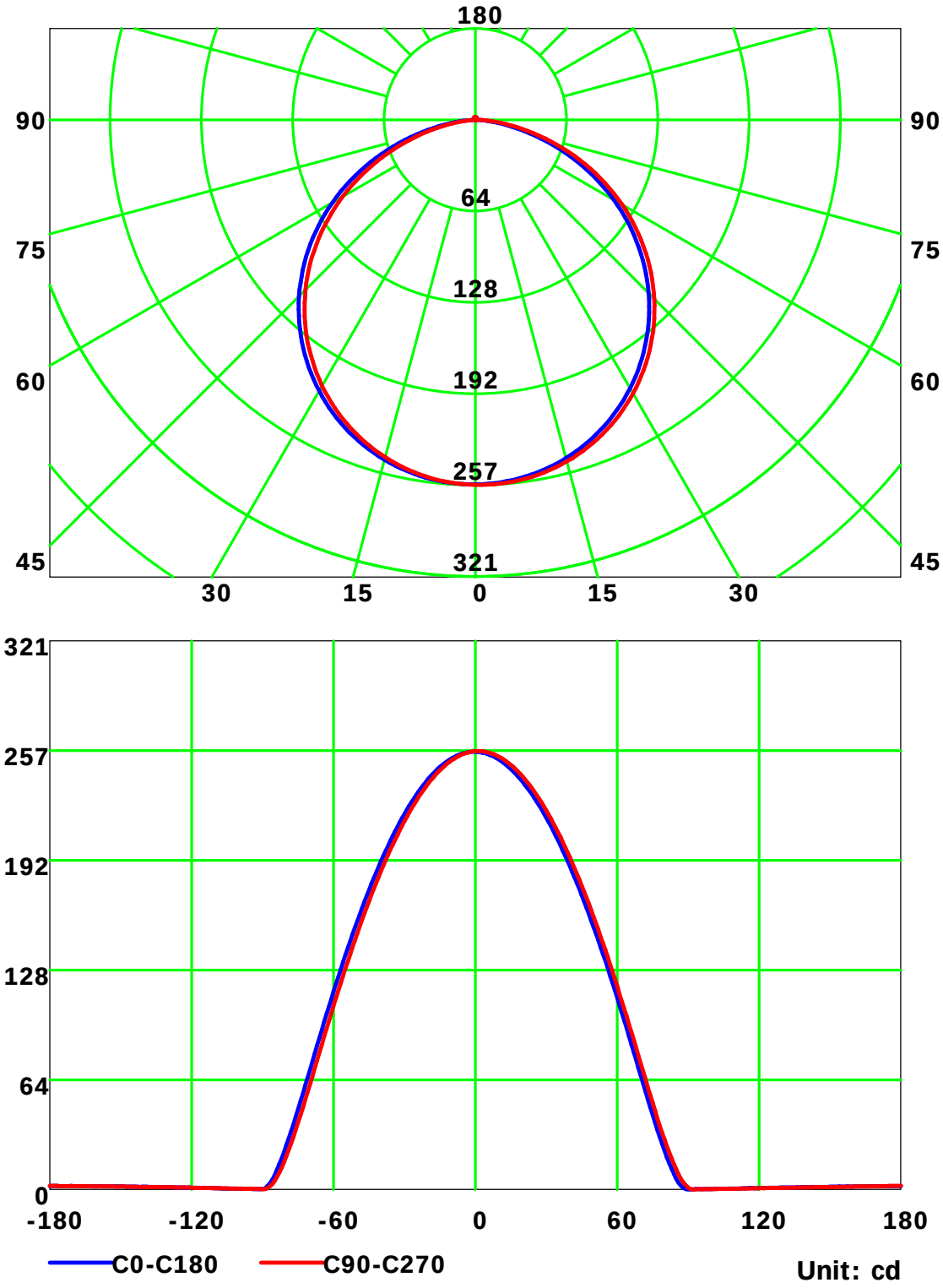
Picture Of Luminaire

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



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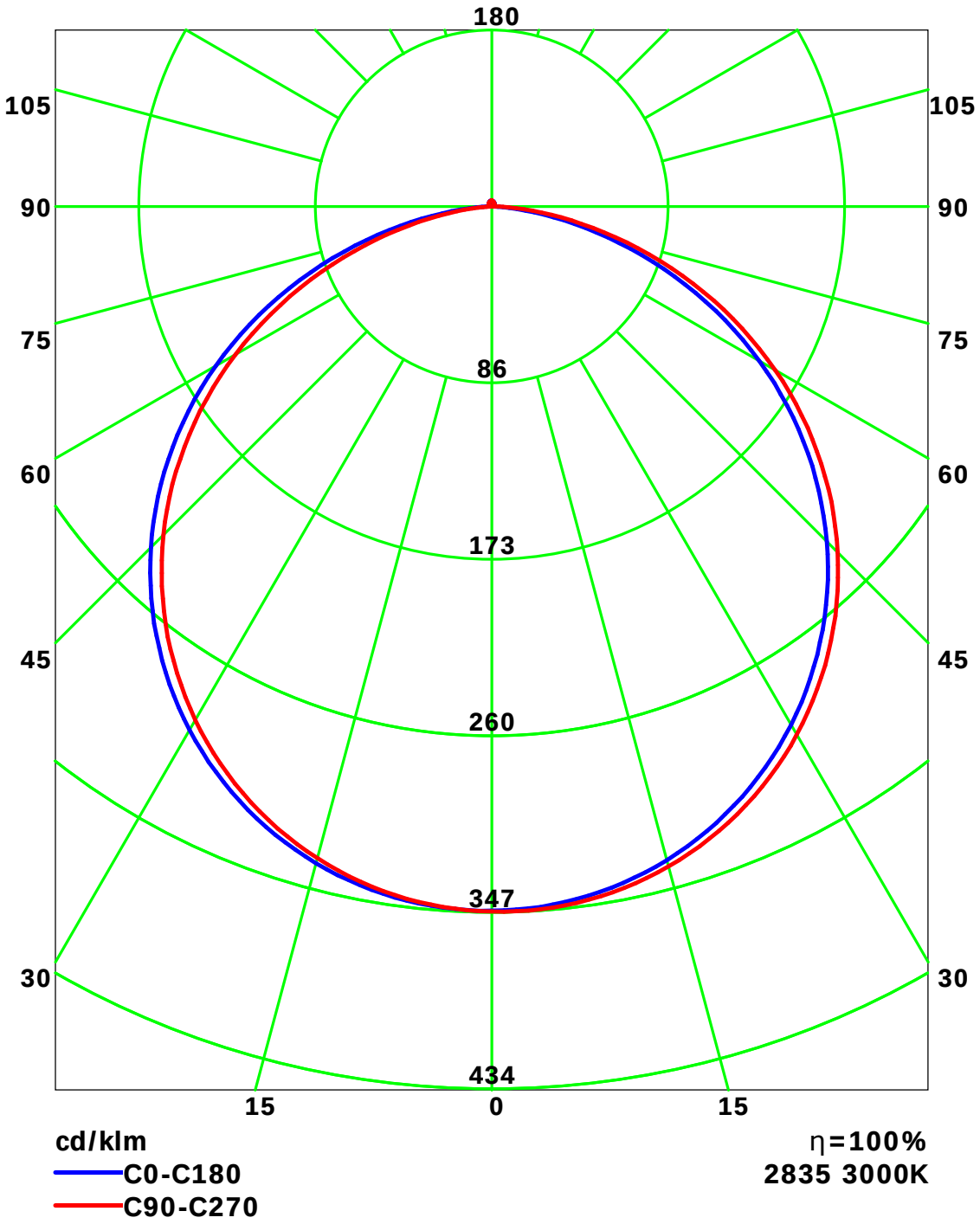
Luminous Intensity Distribution Curve(cd/klm)



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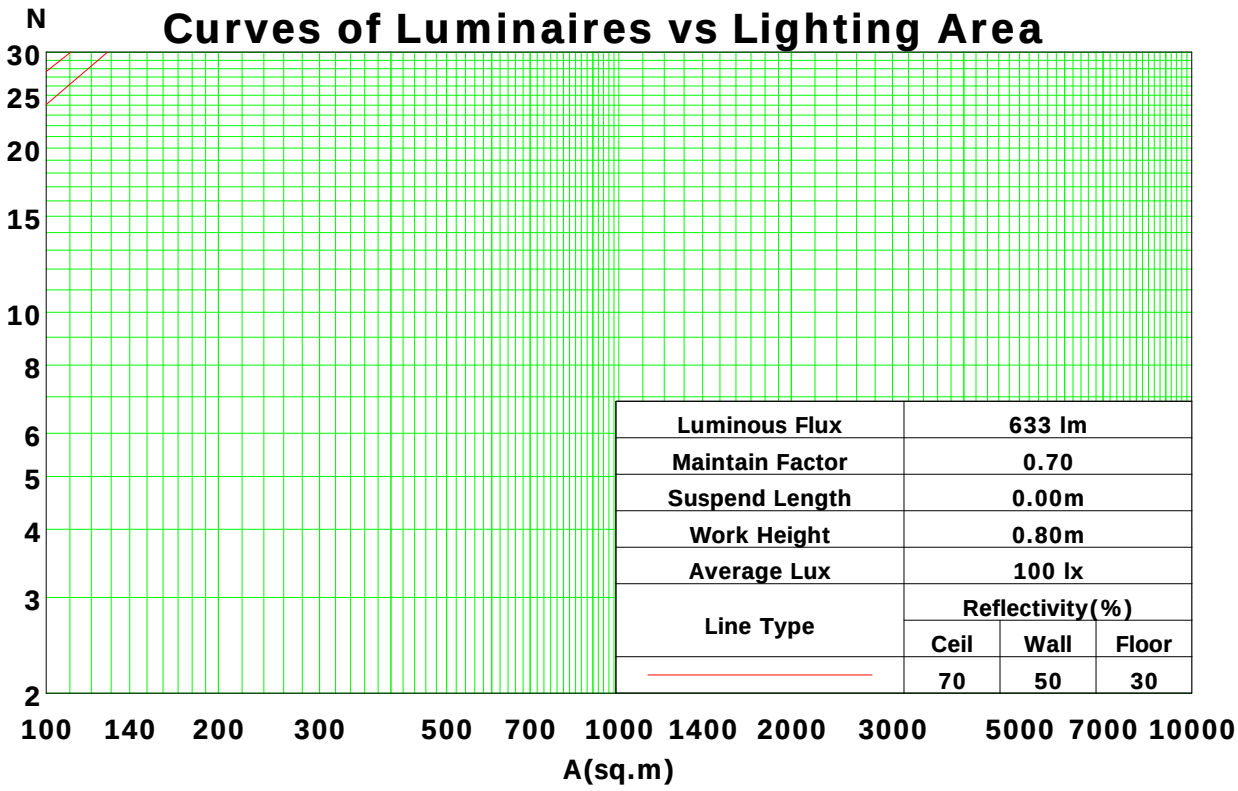
Inspector:

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	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	78	75	72	69
3	90	80	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	62	55	80	69	61	55	66	59	54	64	58	53	62	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	41	52	45	40	50	44	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
10	53	40	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.27
Spacing Criteria (90-270): 1.27
Spacing Criteria (Diagonal): 1.39

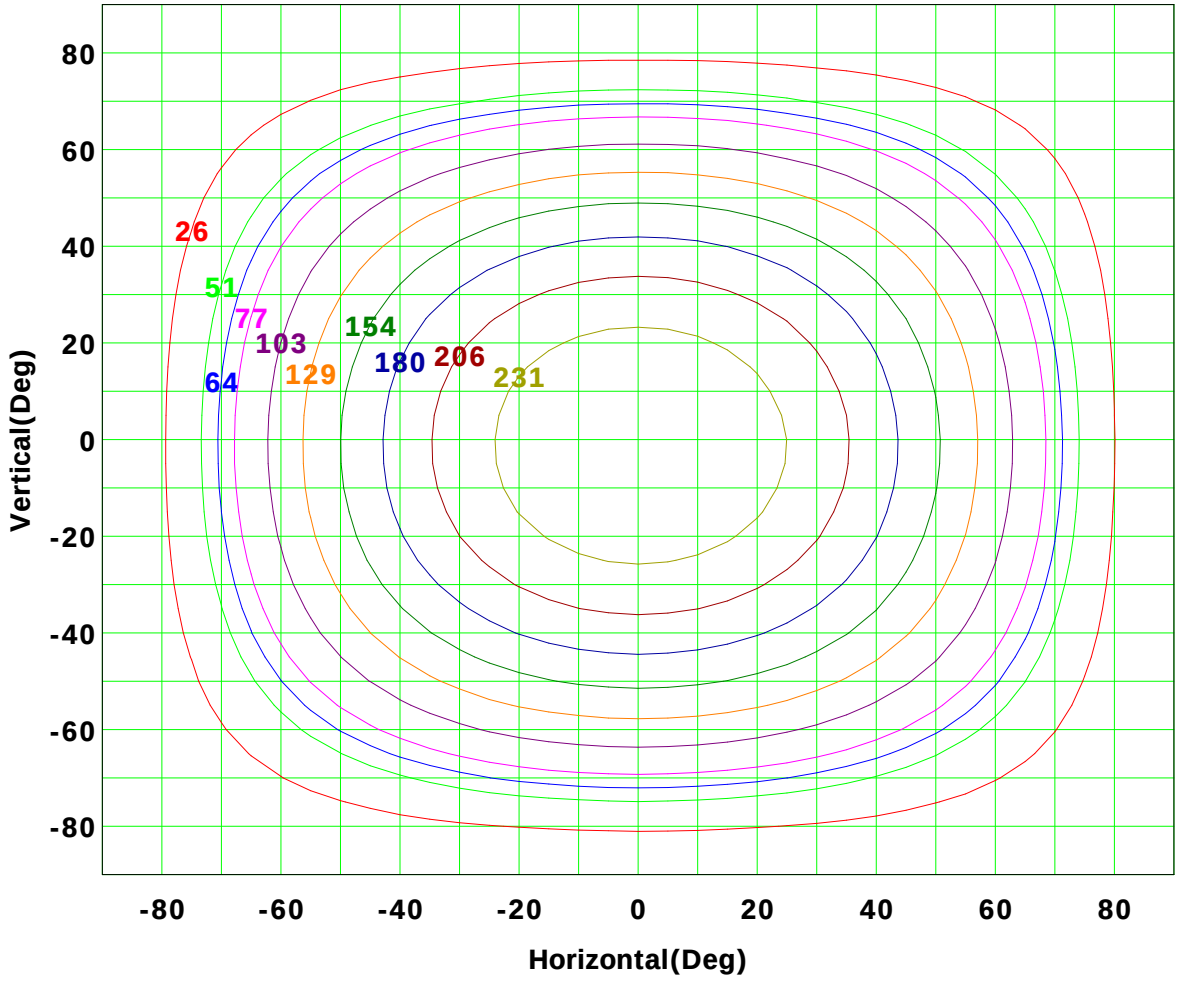
Curves of Luminaires vs Lighting Area



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)



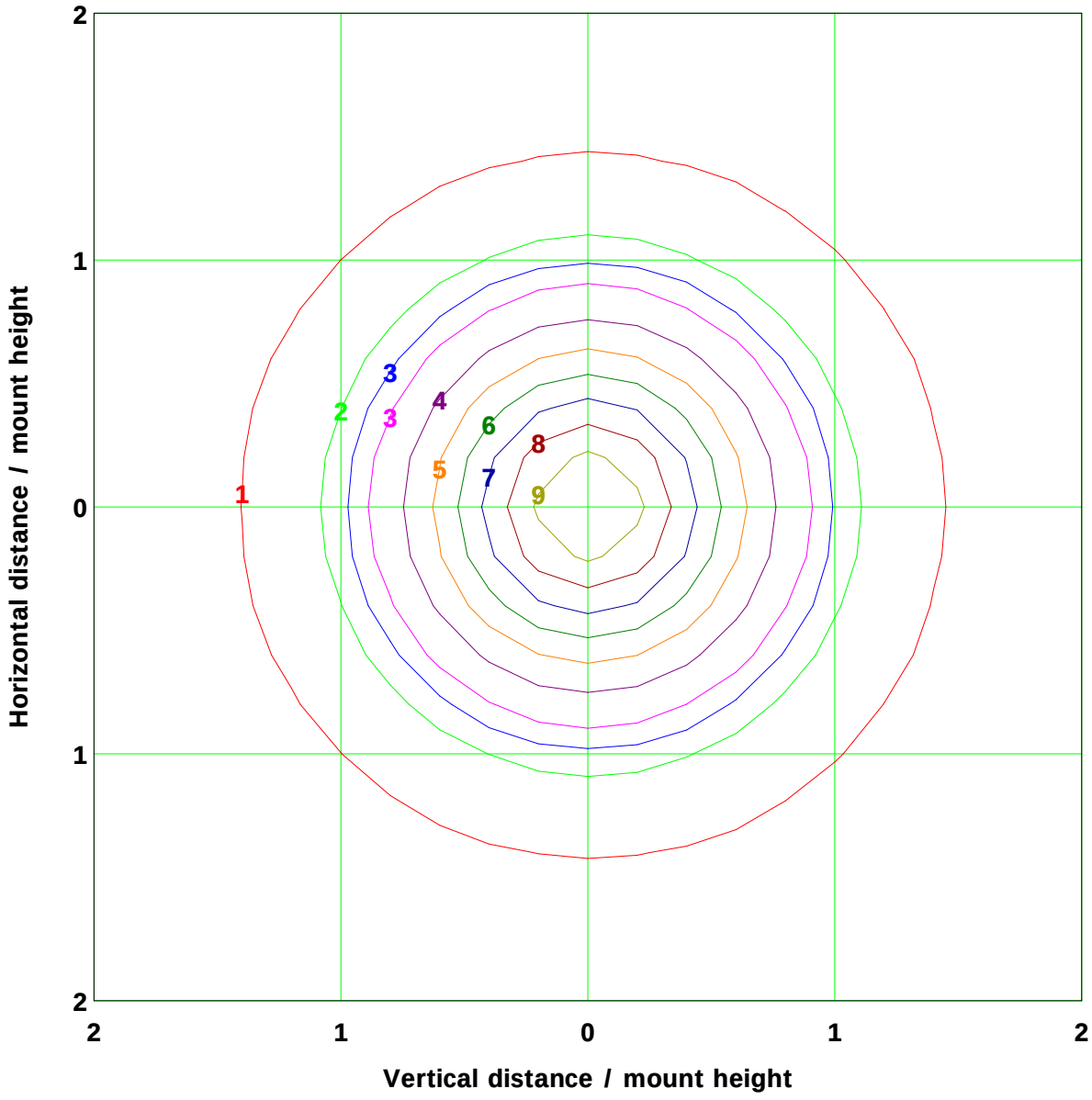
Imax (100%): 257 cd

(10%): 26 cd	(20%): 51 cd
(25%): 64 cd	(30%): 77 cd
(40%): 103 cd	(50%): 129 cd
(60%): 154 cd	(70%): 180 cd
(80%): 206 cd	(90%): 231 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%): 10.3 lx

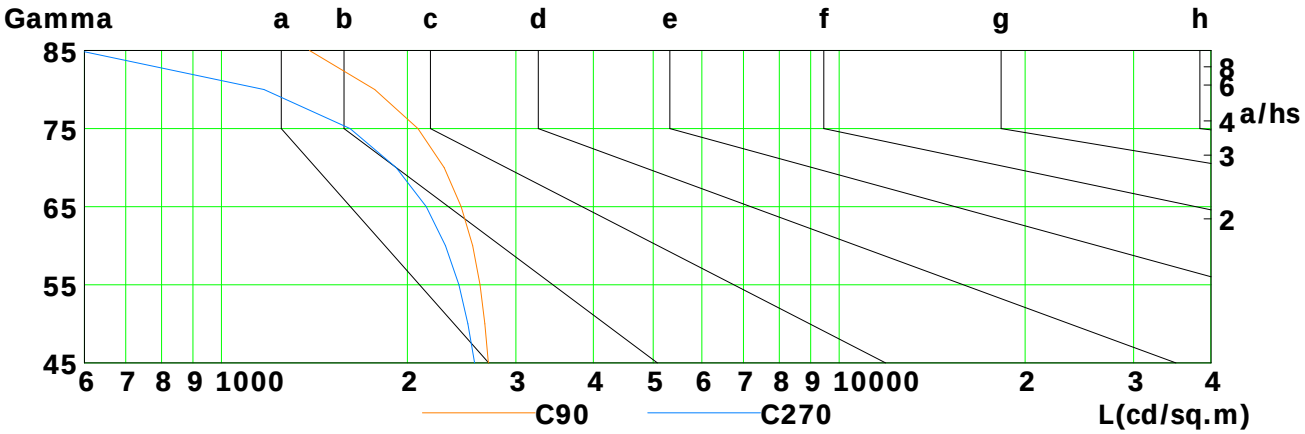
(10%): 1.0 lx	(20%): 2.1 lx
(25%): 2.6 lx	(30%): 3.1 lx
(40%): 4.1 lx	(50%): 5.1 lx
(60%): 6.2 lx	(70%): 7.2 lx
(80%): 8.2 lx	(90%): 9.3 lx

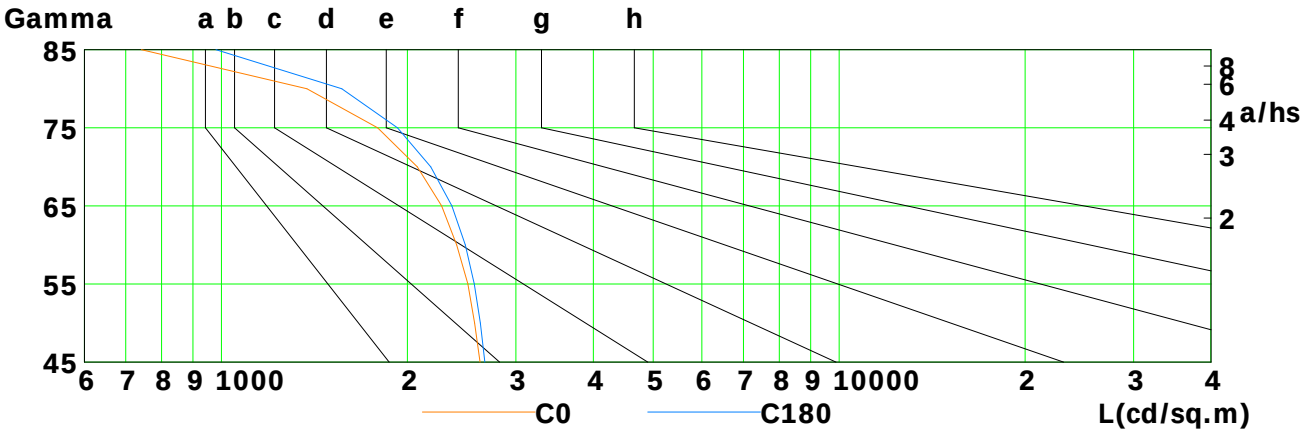
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



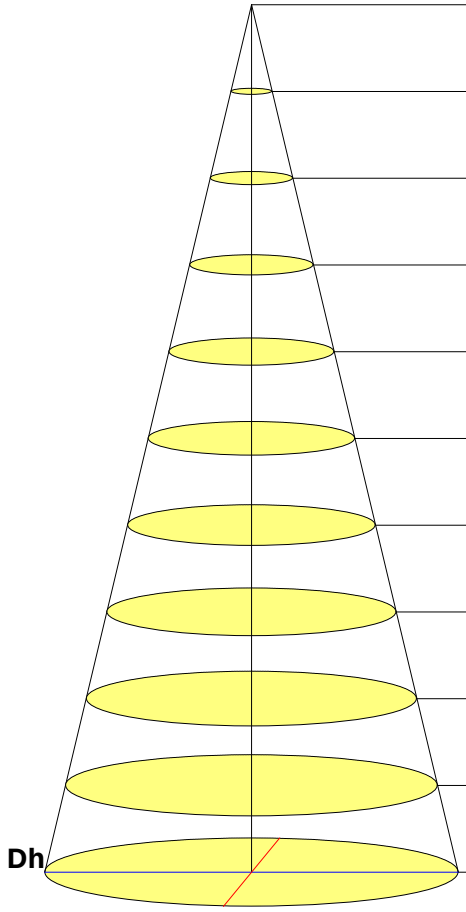


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2623	2571	2506	2406	2274	2076	1791	1376	742
C90	2707	2672	2623	2552	2445	2296	2081	1772	1389
C180	2669	2626	2567	2484	2361	2182	1929	1567	980
C270	2571	2508	2424	2308	2146	1919	1616	1173	589

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



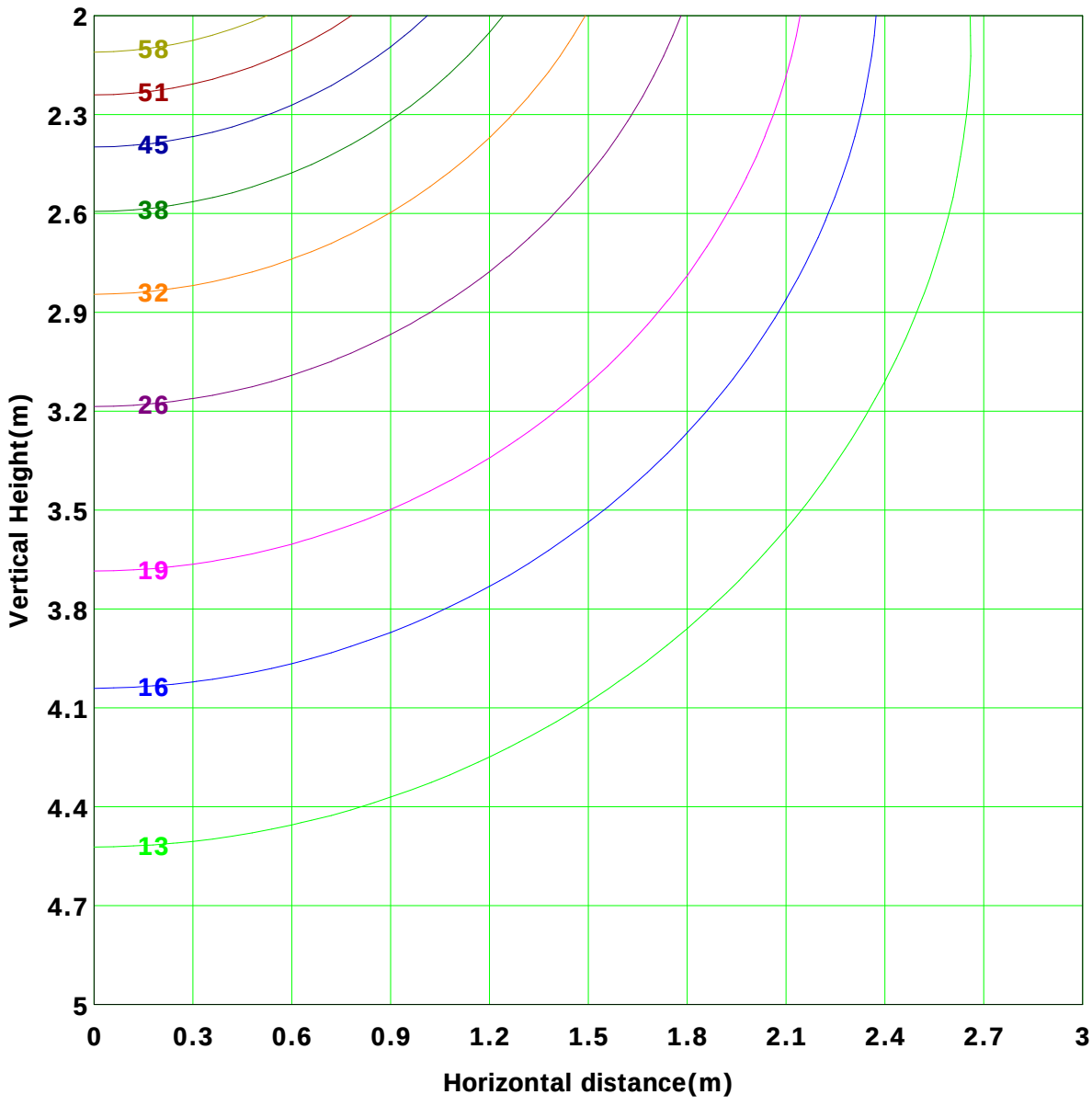
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	256.38	3.05/3.03	7.3	41.17
2.0	64.10	6.11/6.06	29.2	10.29
3.0	28.49	9.16/9.10	65.7	4.57
4.0	16.02	12.22/12.13	116.9	2.57
5.0	10.26	15.27/15.16	182.6	1.65
6.0	7.12	18.32/18.19	263.0	1.14
7.0	5.23	21.38/21.23	358.0	0.84
8.0	4.01	24.43/24.26	467.6	0.64
9.0	3.17	27.48/27.29	591.7	0.51
10.0	2.56	30.54/30.32	730.5	0.41

Beam Angle(B): H113.6 V113.2 Field Angle(F): H159.4 V159.4

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: 64.1 lx

(10%): 6.4 lx	(20%): 12.8 lx
(25%): 16.0 lx	(30%): 19.2 lx
(40%): 25.6 lx	(50%): 32.0 lx
(60%): 38.5 lx	(70%): 44.9 lx
(80%): 51.3 lx	(90%): 57.7 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

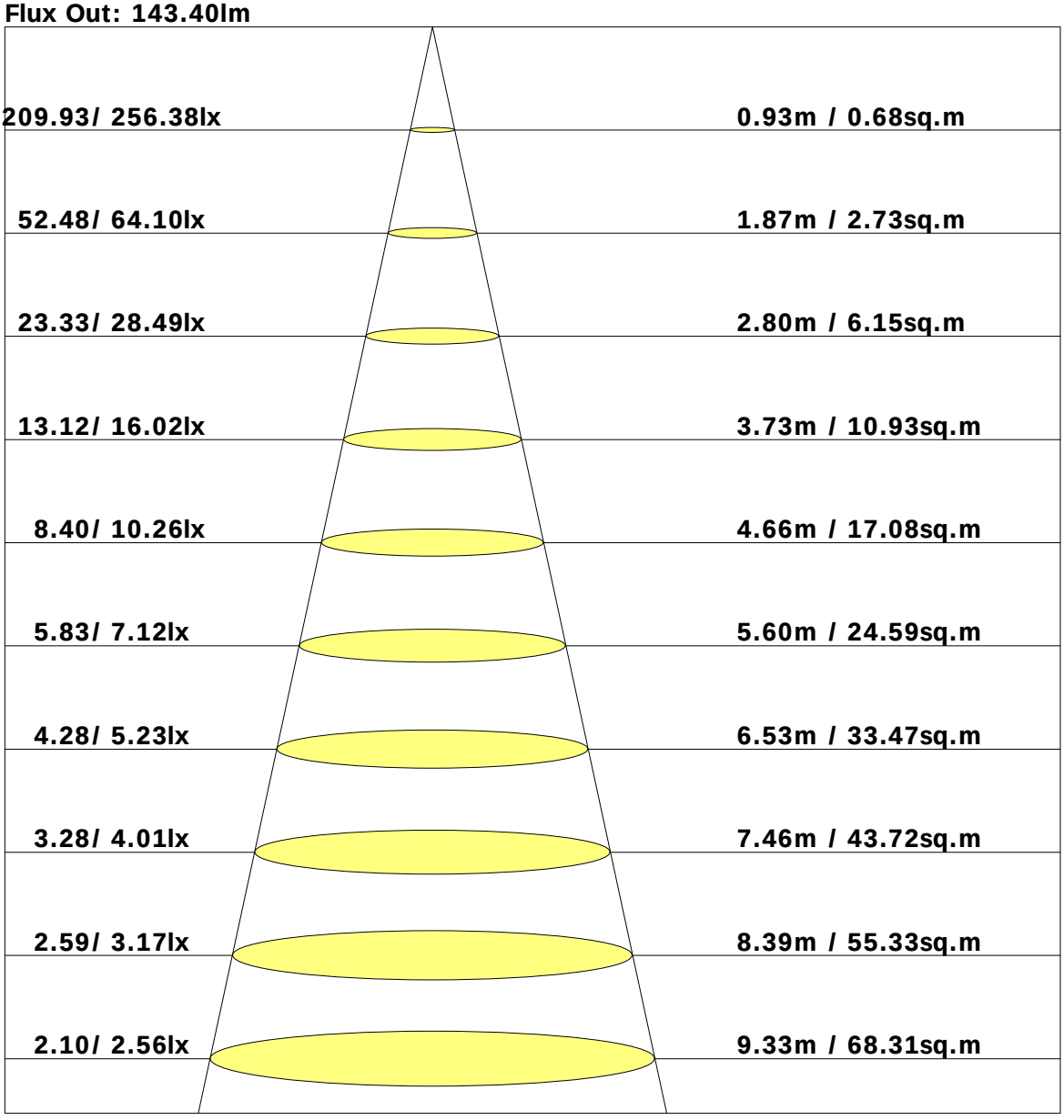
Horizontal plane	Vertical plane																									Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
-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	0.0	11.8
-60	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	24.4
-50	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	39.3
-40	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	54.5
-30	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	68.0
-20	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	78.0
-10	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	83.3
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	83.2
10	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	77.7
20	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	67.6
30	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	54.0
40	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	38.7
50	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	23.8
60	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	11.2
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	0.0	2.8
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	1.7	9.9	21.6	33.5	44.3	53.3	60.4	65.3	67.9	68.2	66.1	61.8	55.2	46.7	36.3	24.6	12.7	3.2	0.0	733	
Flux(T)	0.0	7.3	21.0	33.2	44.1	53.2	60.3	65.2	67.8	68.1	66.0	61.7	55.1	46.5	36.1	24.2	11.3	0.3			
Flux(E)	721																				

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: 143.40lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	209.93/ 256.38lx		0.93m / 0.68sq.m
2.0m	52.48/ 64.10lx		1.87m / 2.73sq.m
3.0m	23.33/ 28.49lx		2.80m / 6.15sq.m
4.0m	13.12/ 16.02lx		3.73m / 10.93sq.m
5.0m	8.40/ 10.26lx		4.66m / 17.08sq.m
6.0m	5.83/ 7.12lx		5.60m / 24.59sq.m
7.0m	4.28/ 5.23lx		6.53m / 33.47sq.m
8.0m	3.28/ 4.01lx		7.46m / 43.72sq.m
9.0m	2.59/ 3.17lx		8.39m / 55.33sq.m
10.0m	2.10/ 2.56lx		9.33m / 68.31sq.m

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Gamma Plane (°):0.0-180.0:1.0
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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	16.4	18.0	16.7	18.3	18.7	16.7	18.3	17.1	18.6	19.0
3H	18.0	19.5	18.4	19.8	20.2	18.5	19.9	18.9	20.3	20.7
4H	18.6	20.0	19.0	20.3	20.7	19.1	20.5	19.5	20.9	21.3
6H	18.9	20.2	19.4	20.6	21.0	19.6	20.8	20.0	21.2	21.6
8H	19.0	20.2	19.5	20.6	21.1	19.7	20.9	20.1	21.3	21.7
12H	19.0	20.2	19.5	20.6	21.1	19.8	20.9	20.2	21.3	21.8
X=4H Y=2H	17.0	18.3	17.4	18.7	19.1	17.3	18.7	17.7	19.0	19.4
3H	18.9	20.0	19.3	20.4	20.8	19.3	20.5	19.7	20.9	21.3
4H	19.5	20.6	20.0	21.0	21.5	20.1	21.1	20.5	21.5	22.0
6H	20.0	20.9	20.4	21.3	21.8	20.6	21.5	21.1	22.0	22.5
8H	20.1	20.9	20.6	21.4	21.9	20.8	21.6	21.3	22.1	22.6
12H	20.1	20.9	20.6	21.4	21.9	20.9	21.7	21.4	22.2	22.7
X=8H Y=4H	19.8	20.6	20.3	21.1	21.6	20.3	21.2	20.8	21.6	22.1
6H	20.3	21.0	20.8	21.5	22.0	21.0	21.7	21.5	22.2	22.7
8H	20.5	21.1	21.0	21.6	22.1	21.2	21.9	21.8	22.4	22.9
12H	20.5	21.1	21.1	21.6	22.2	21.4	22.0	21.9	22.5	23.1
X=12H Y=4H	19.8	20.6	20.3	21.1	21.5	20.4	21.1	20.9	21.6	22.1
6H	20.4	21.0	20.9	21.5	22.0	21.0	21.7	21.6	22.1	22.7
8H	20.5	21.1	21.1	21.6	22.2	21.3	21.9	21.8	22.4	23.0

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
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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		0.49	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	0.87	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.89	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	0.90	0.93
	0.20		0.42	0.52	0.59	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.50	0.57	0.62	0.69	0.74	0.78	0.83	0.86

Rating:7W 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	0.76	0.64	0.55	0.44	0.36	0.31	0.24	0.19
	0.30		0.79	0.67	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.70	0.59	0.52	0.46	0.38	0.32	0.27	0.22	0.18
0.00	0.00	0.00	0.59	0.50	0.43	0.37	0.30	0.25	0.21	0.17	0.14

Rating:7W 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	0.17	0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.05	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	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	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:7W 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	256.7	0.2	0.2	0.03	0.03
1.0-2.0	256.6	0.7	1.0	0.10	0.13
2.0-3.0	256.4	1.2	2.2	0.17	0.30
3.0-4.0	256.2	1.7	3.9	0.23	0.53
4.0-5.0	255.8	2.2	6.1	0.30	0.83
5.0-6.0	255.4	2.7	8.8	0.36	1.19
6.0-7.0	254.9	3.2	12.0	0.43	1.62
7.0-8.0	254.3	3.6	15.6	0.49	2.11
8.0-9.0	253.6	4.1	19.7	0.56	2.67
9.0-10.0	252.9	4.6	24.3	0.62	3.29
10.0-11.0	252.0	5.0	29.3	0.68	3.97
11.0-12.0	251.1	5.5	34.8	0.74	4.71
12.0-13.0	250.1	5.9	40.8	0.80	5.51
13.0-14.0	249.0	6.4	47.1	0.86	6.37
14.0-15.0	247.8	6.8	53.9	0.92	7.29
15.0-16.0	246.5	7.2	61.2	0.98	8.27
16.0-17.0	245.2	7.6	68.8	1.03	9.30
17.0-18.0	243.8	8.0	76.8	1.09	10.39
18.0-19.0	242.2	8.4	85.3	1.14	11.53
19.0-20.0	240.7	8.8	94.1	1.19	12.72
20.0-21.0	239.0	9.2	103.3	1.24	13.96
21.0-22.0	237.2	9.5	112.8	1.29	15.25
22.0-23.0	235.4	9.9	122.7	1.34	16.58
23.0-24.0	233.5	10.2	132.9	1.38	17.96
24.0-25.0	231.5	10.5	143.4	1.42	19.39
25.0-26.0	229.4	10.8	154.2	1.46	20.85
26.0-27.0	227.3	11.1	165.4	1.50	22.35
27.0-28.0	225.0	11.4	176.7	1.54	23.89
28.0-29.0	222.7	11.7	188.4	1.58	25.47
29.0-30.0	220.4	11.9	200.3	1.61	27.08
30.0-31.0	217.9	12.1	212.4	1.64	28.72
31.0-32.0	215.3	12.3	224.8	1.67	30.38
32.0-33.0	212.7	12.5	237.3	1.69	32.08
33.0-34.0	210.0	12.7	250.0	1.72	33.80
34.0-35.0	207.3	12.9	262.9	1.74	35.54
35.0-36.0	204.4	13.0	275.9	1.76	37.30

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	201.5	13.1	289.0	1.78	39.07
37.0-38.0	198.5	13.3	302.3	1.79	40.86
38.0-39.0	195.5	13.3	315.6	1.80	42.67
39.0-40.0	192.4	13.4	329.1	1.81	44.48
40.0-41.0	189.2	13.5	342.5	1.82	46.30
41.0-42.0	185.9	13.5	356.0	1.83	48.13
42.0-43.0	182.6	13.5	369.6	1.83	49.96
43.0-44.0	179.2	13.5	383.1	1.83	51.79
44.0-45.0	175.7	13.5	396.6	1.83	53.61
45.0-46.0	172.2	13.5	410.1	1.82	55.43
46.0-47.0	168.6	13.4	423.5	1.81	57.25
47.0-48.0	164.9	13.3	436.8	1.80	59.05
48.0-49.0	161.2	13.2	450.1	1.79	60.84
49.0-50.0	157.4	13.1	463.2	1.77	62.61
50.0-51.0	153.5	13.0	476.2	1.76	64.37
51.0-52.0	149.6	12.8	489.0	1.74	66.10
52.0-53.0	145.6	12.7	501.7	1.71	67.82
53.0-54.0	141.6	12.5	514.2	1.69	69.50
54.0-55.0	137.5	12.3	526.4	1.66	71.16
55.0-56.0	133.4	12.1	538.5	1.63	72.79
56.0-57.0	129.1	11.8	550.3	1.60	74.39
57.0-58.0	124.9	11.6	561.9	1.56	75.95
58.0-59.0	120.6	11.3	573.1	1.52	77.48
59.0-60.0	116.2	11.0	584.1	1.48	78.96
60.0-61.0	111.7	10.7	594.8	1.44	80.40
61.0-62.0	107.2	10.3	605.1	1.40	81.80
62.0-63.0	102.6	10.0	615.1	1.35	83.15
63.0-64.0	98.0	9.6	624.7	1.30	84.45
64.0-65.0	93.5	9.3	634.0	1.25	85.70
65.0-66.0	88.9	8.9	642.8	1.20	86.90
66.0-67.0	84.3	8.5	651.3	1.15	88.04
67.0-68.0	79.6	8.1	659.4	1.09	89.13
68.0-69.0	75.0	7.7	667.0	1.03	90.17
69.0-70.0	70.4	7.2	674.3	0.98	91.15
70.0-71.0	65.8	6.8	681.1	0.92	92.07
71.0-72.0	61.1	6.4	687.4	0.86	92.93

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	56.4	5.9	693.3	0.80	93.72
73.0-74.0	51.8	5.4	698.8	0.74	94.46
74.0-75.0	47.3	5.0	703.8	0.68	95.14
75.0-76.0	42.8	4.5	708.3	0.61	95.75
76.0-77.0	38.5	4.1	712.4	0.56	96.31
77.0-78.0	34.3	3.7	716.1	0.50	96.80
78.0-79.0	30.2	3.2	719.3	0.44	97.24
79.0-80.0	26.3	2.8	722.2	0.38	97.63
80.0-81.0	22.6	2.4	724.6	0.33	97.96
81.0-82.0	19.0	2.1	726.7	0.28	98.23
82.0-83.0	15.6	1.7	728.4	0.23	98.46
83.0-84.0	12.5	1.4	729.7	0.18	98.65
84.0-85.0	9.5	1.0	730.8	0.14	98.79
85.0-86.0	6.9	0.8	731.5	0.10	98.89
86.0-87.0	4.7	0.5	732.1	0.07	98.96
87.0-88.0	3.0	0.3	732.4	0.04	99.00
88.0-89.0	1.7	0.2	732.6	0.03	99.03
89.0-90.0	0.9	0.1	732.7	0.01	99.04
90.0-91.0	0.5	0.1	732.7	0.01	99.05
91.0-92.0	0.4	0.0	732.8	0.01	99.05
92.0-93.0	0.4	0.0	732.8	0.01	99.06
93.0-94.0	0.4	0.0	732.8	0.01	99.07
94.0-95.0	0.4	0.0	732.9	0.01	99.07
95.0-96.0	0.4	0.0	732.9	0.01	99.08
96.0-97.0	0.5	0.0	733.0	0.01	99.09
97.0-98.0	0.5	0.1	733.0	0.01	99.09
98.0-99.0	0.5	0.1	733.1	0.01	99.10
99.0-100.0	0.5	0.1	733.2	0.01	99.11
100.0-101.0	0.5	0.1	733.2	0.01	99.12
101.0-102.0	0.6	0.1	733.3	0.01	99.12
102.0-103.0	0.6	0.1	733.3	0.01	99.13
103.0-104.0	0.6	0.1	733.4	0.01	99.14
104.0-105.0	0.6	0.1	733.5	0.01	99.15
105.0-106.0	0.7	0.1	733.5	0.01	99.16
106.0-107.0	0.7	0.1	733.6	0.01	99.17
107.0-108.0	0.7	0.1	733.7	0.01	99.18

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	0.8	0.1	733.8	0.01	99.19
109.0-110.0	0.8	0.1	733.9	0.01	99.20
110.0-111.0	0.8	0.1	733.9	0.01	99.22
111.0-112.0	0.8	0.1	734.0	0.01	99.23
112.0-113.0	0.9	0.1	734.1	0.01	99.24
113.0-114.0	0.9	0.1	734.2	0.01	99.25
114.0-115.0	0.9	0.1	734.3	0.01	99.26
115.0-116.0	1.0	0.1	734.4	0.01	99.28
116.0-117.0	1.0	0.1	734.5	0.01	99.29
117.0-118.0	1.0	0.1	734.6	0.01	99.30
118.0-119.0	1.0	0.1	734.7	0.01	99.32
119.0-120.0	1.1	0.1	734.8	0.01	99.33
120.0-121.0	1.1	0.1	734.9	0.01	99.35
121.0-122.0	1.1	0.1	735.0	0.01	99.36
122.0-123.0	1.1	0.1	735.1	0.01	99.37
123.0-124.0	1.2	0.1	735.2	0.01	99.39
124.0-125.0	1.2	0.1	735.3	0.01	99.40
125.0-126.0	1.2	0.1	735.4	0.01	99.42
126.0-127.0	1.3	0.1	735.6	0.02	99.43
127.0-128.0	1.3	0.1	735.7	0.02	99.45
128.0-129.0	1.3	0.1	735.8	0.02	99.46
129.0-130.0	1.3	0.1	735.9	0.02	99.48
130.0-131.0	1.4	0.1	736.0	0.02	99.49
131.0-132.0	1.4	0.1	736.1	0.02	99.51
132.0-133.0	1.4	0.1	736.2	0.02	99.52
133.0-134.0	1.4	0.1	736.4	0.02	99.54
134.0-135.0	1.5	0.1	736.5	0.02	99.56
135.0-136.0	1.5	0.1	736.6	0.02	99.57
136.0-137.0	1.5	0.1	736.7	0.02	99.59
137.0-138.0	1.5	0.1	736.8	0.02	99.60
138.0-139.0	1.6	0.1	736.9	0.02	99.62
139.0-140.0	1.6	0.1	737.0	0.02	99.63
140.0-141.0	1.6	0.1	737.1	0.02	99.65
141.0-142.0	1.6	0.1	737.3	0.01	99.66
142.0-143.0	1.6	0.1	737.4	0.01	99.68
143.0-144.0	1.7	0.1	737.5	0.01	99.69

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	1.7	0.1	737.6	0.01	99.71
145.0-146.0	1.7	0.1	737.7	0.01	99.72
146.0-147.0	1.7	0.1	737.8	0.01	99.74
147.0-148.0	1.7	0.1	737.9	0.01	99.75
148.0-149.0	1.8	0.1	738.0	0.01	99.76
149.0-150.0	1.8	0.1	738.1	0.01	99.78
150.0-151.0	1.8	0.1	738.2	0.01	99.79
151.0-152.0	1.8	0.1	738.3	0.01	99.80
152.0-153.0	1.9	0.1	738.4	0.01	99.82
153.0-154.0	1.9	0.1	738.5	0.01	99.83
154.0-155.0	1.9	0.1	738.6	0.01	99.84
155.0-156.0	1.9	0.1	738.7	0.01	99.85
156.0-157.0	1.9	0.1	738.7	0.01	99.86
157.0-158.0	1.9	0.1	738.8	0.01	99.87
158.0-159.0	1.9	0.1	738.9	0.01	99.88
159.0-160.0	1.9	0.1	739.0	0.01	99.89
160.0-161.0	2.0	0.1	739.0	0.01	99.90
161.0-162.0	2.0	0.1	739.1	0.01	99.91
162.0-163.0	2.0	0.1	739.2	0.01	99.92
163.0-164.0	2.0	0.1	739.2	0.01	99.93
164.0-165.0	2.0	0.1	739.3	0.01	99.94
165.0-166.0	2.1	0.1	739.4	0.01	99.95
166.0-167.0	2.1	0.1	739.4	0.01	99.95
167.0-168.0	2.1	0.0	739.5	0.01	99.96
168.0-169.0	2.1	0.0	739.5	0.01	99.97
169.0-170.0	2.1	0.0	739.5	0.01	99.97
170.0-171.0	2.1	0.0	739.6	0.01	99.98
171.0-172.0	2.2	0.0	739.6	0.00	99.98
172.0-173.0	2.2	0.0	739.6	0.00	99.99
173.0-174.0	2.2	0.0	739.7	0.00	99.99
174.0-175.0	2.2	0.0	739.7	0.00	99.99
175.0-176.0	2.2	0.0	739.7	0.00	100.00
176.0-177.0	2.2	0.0	739.7	0.00	100.00
177.0-178.0	2.2	0.0	739.7	0.00	100.00
178.0-179.0	2.2	0.0	739.8	0.00	100.00
179.0-180.0	2.2	0.0	739.8	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: