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

Report No.: **Test Time: 2021/2/5 16:22**

Luminaire Property

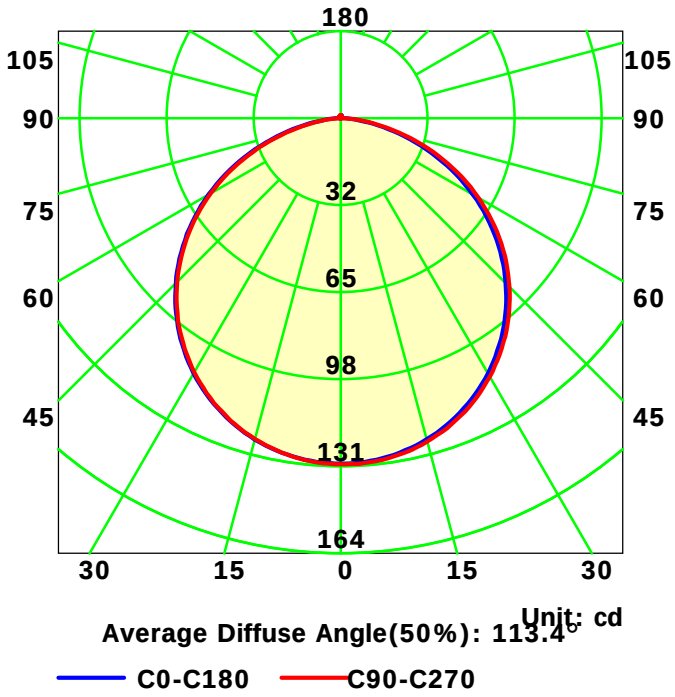
Luminaire Manufacturer:
Luminaire Category: FLEXBACKLYTE
Luminaire Description: FBL24203.230
Lamp Catalog: 2835 3000K
Number of Lamps: 144
Luminous Length (mm): 304
Luminous Width (mm): 304
Luminous Height (mm): 2
Voltage: 24.0 V
Current: 0.140 A
Power: 3.36 W
Power Factor: 1.000

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 377.0 lm
Measurement Flux: 377 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H159.4,H113.1
Vertical Diffuse Angle(10%,50%): V159.4,V113.6
Luminaire Efficacy Rating (LER): 112
Central Intensity: 130.61 cd
Max. Intensity: 131.11 cd
Pos of Max. Intensity: H330 V1

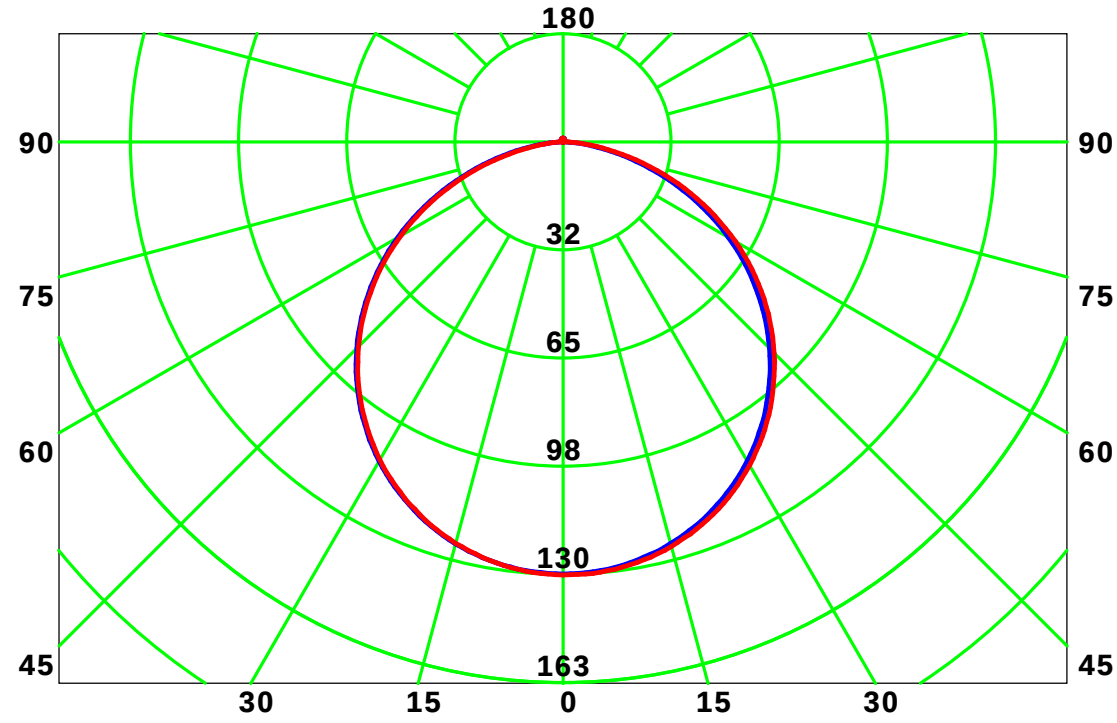
Picture Of Luminaire

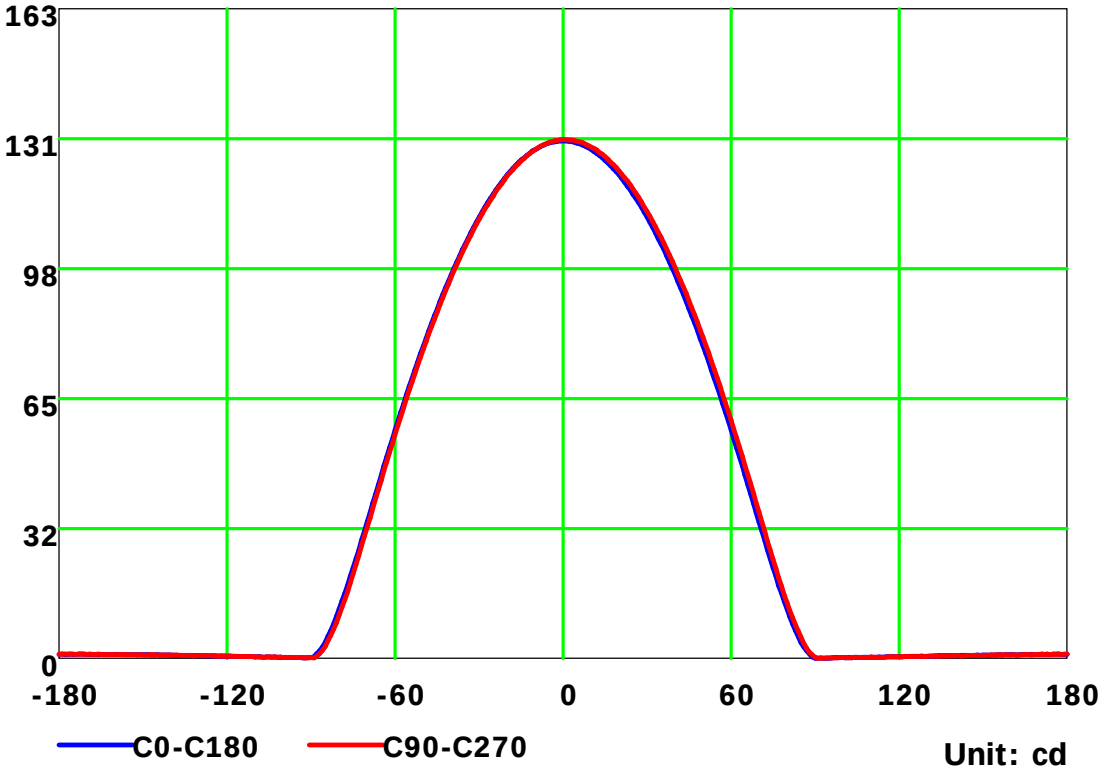
Luminous Intensity Distribution Curve



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

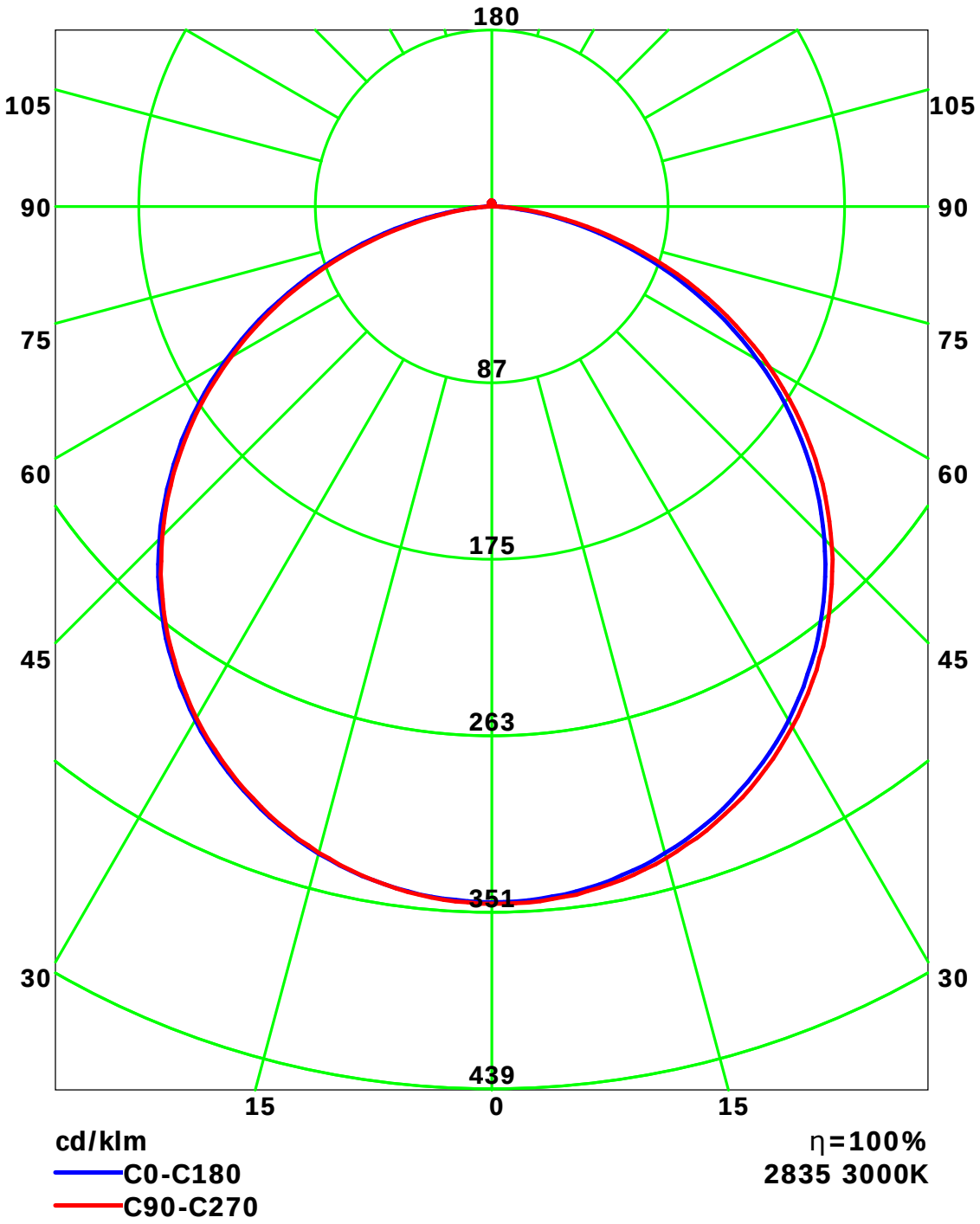




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

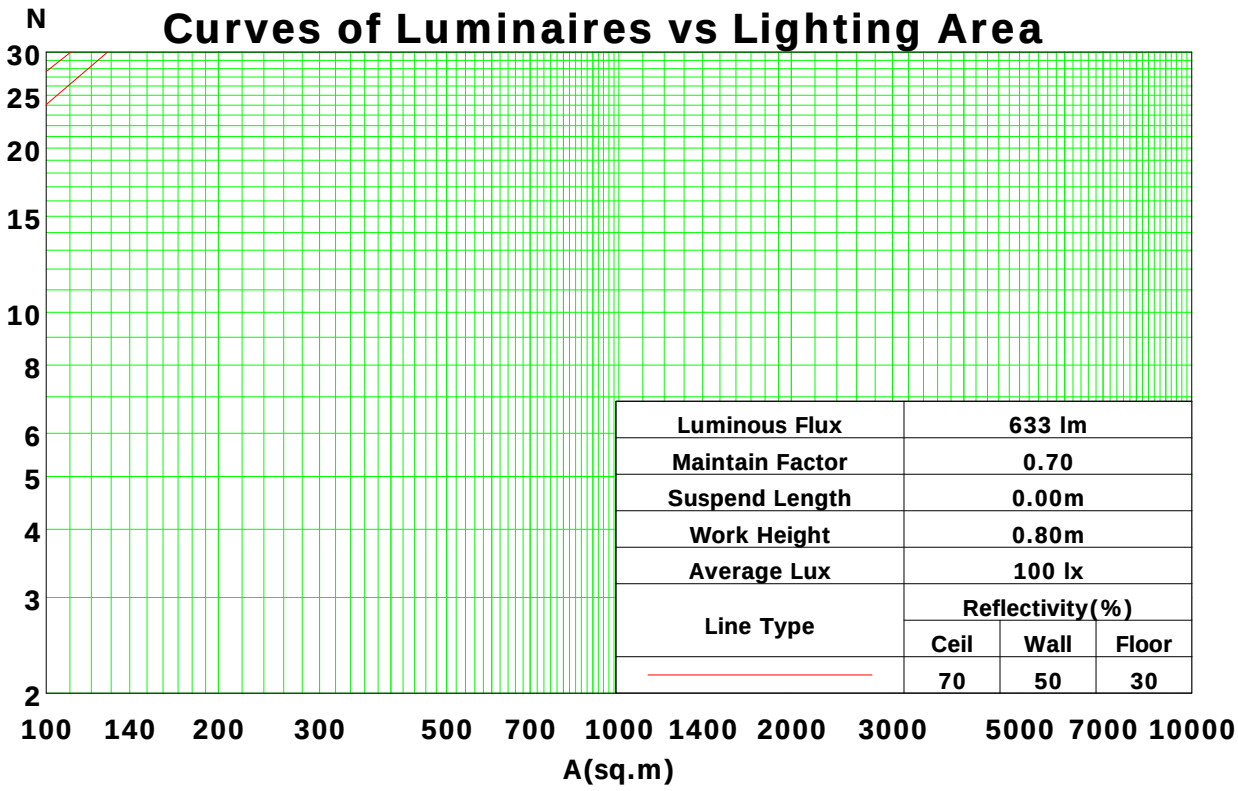
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	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	36	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

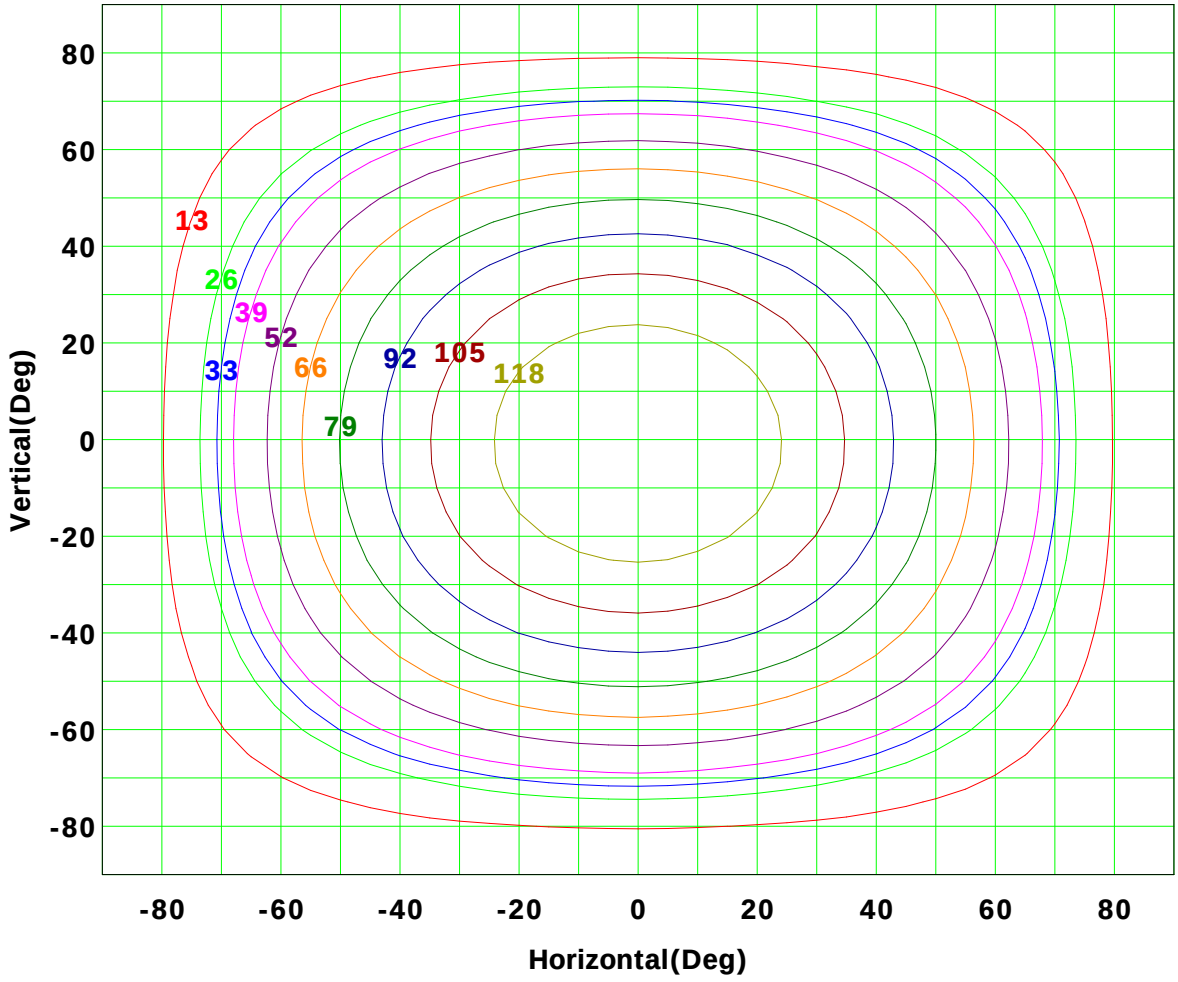
Curves of Luminaires vs Lighting Area



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)



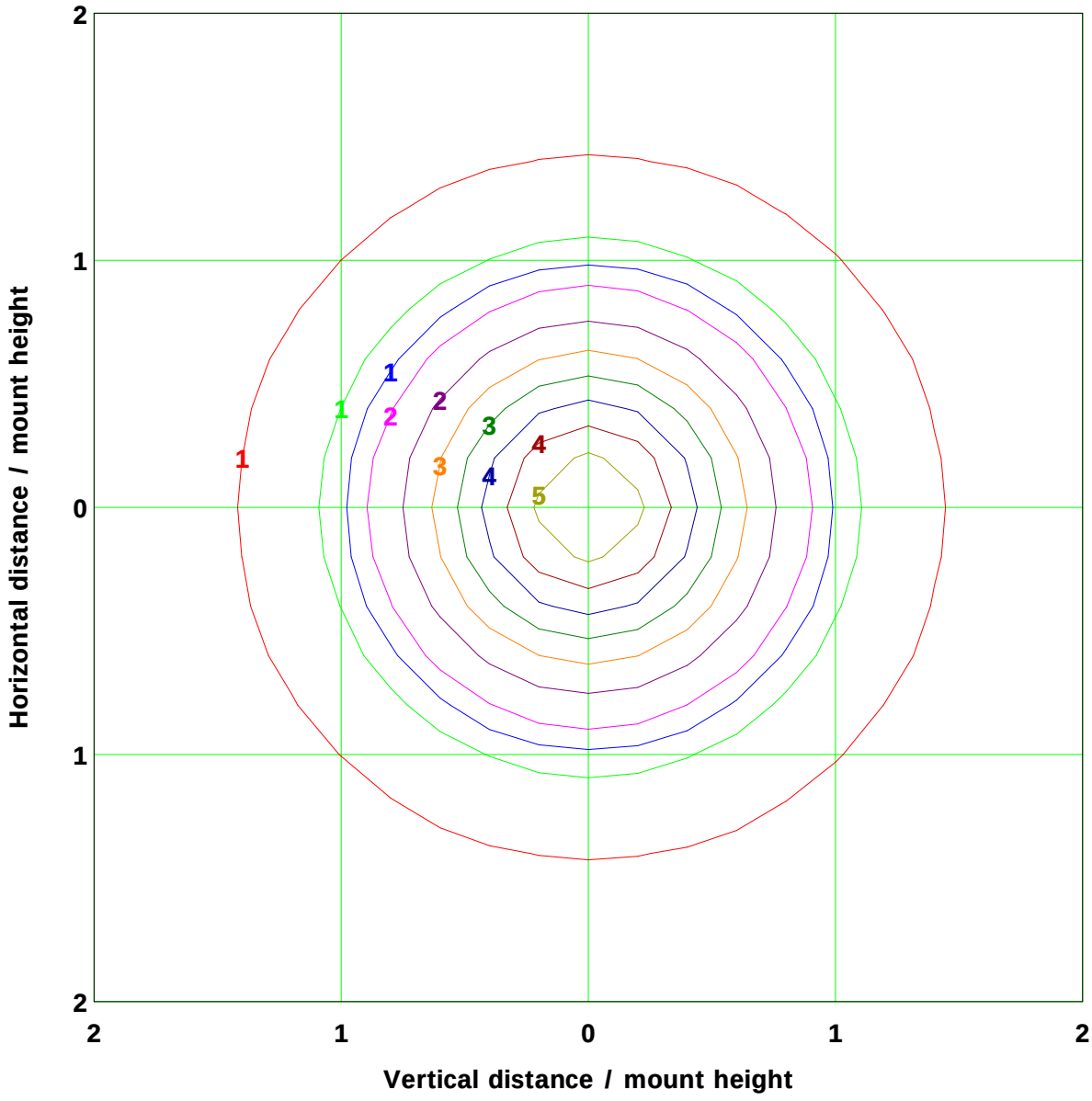
Imax (100%): 131 cd

(10%):	13 cd	(20%):	26 cd
(25%):	33 cd	(30%):	39 cd
(40%):	52 cd	(50%):	66 cd
(60%):	79 cd	(70%):	92 cd
(80%):	105 cd	(90%):	118 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%): 5.2 lx

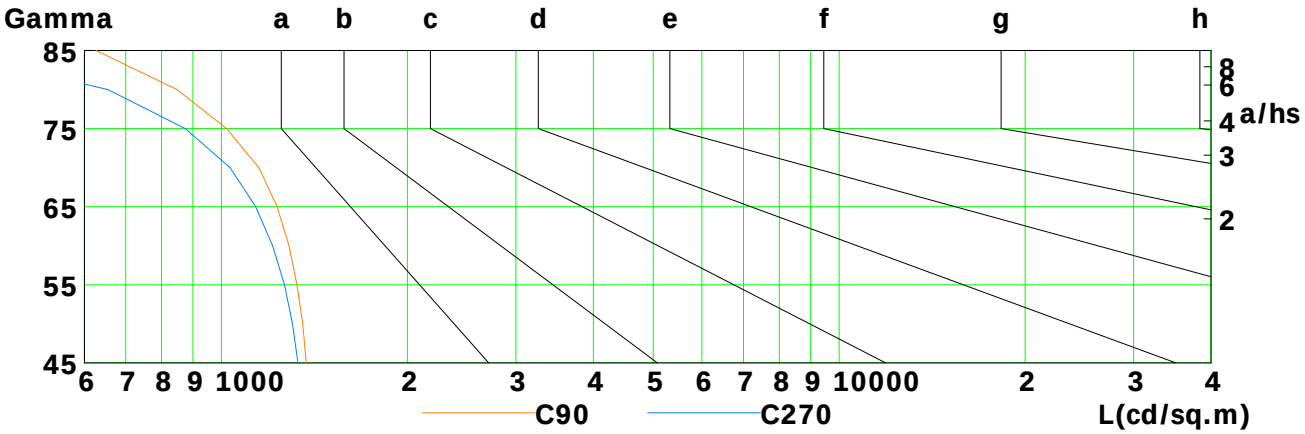
(10%): 0.5 lx	(20%): 1.0 lx
(25%): 1.3 lx	(30%): 1.6 lx
(40%): 2.1 lx	(50%): 2.6 lx
(60%): 3.1 lx	(70%): 3.7 lx
(80%): 4.2 lx	(90%): 4.7 lx

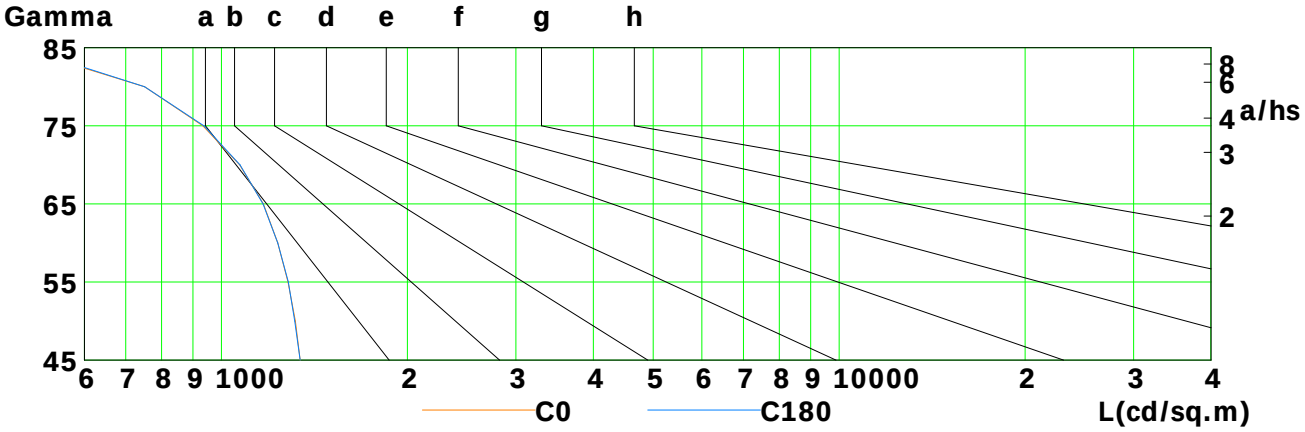
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

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



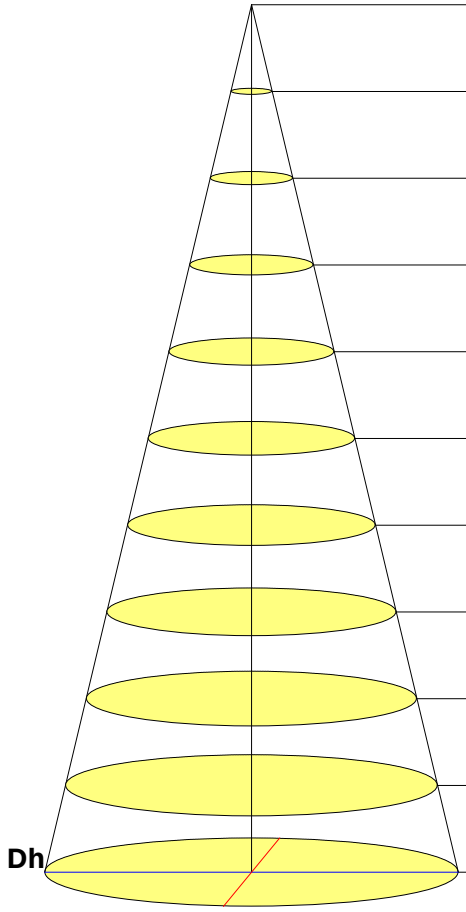


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1342	1318	1283	1234	1169	1070	933	752	469
C90	1372	1354	1326	1286	1231	1150	1020	848	627
C180	1341	1315	1283	1235	1168	1073	936	752	476
C270	1330	1303	1265	1211	1137	1033	874	655	360

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



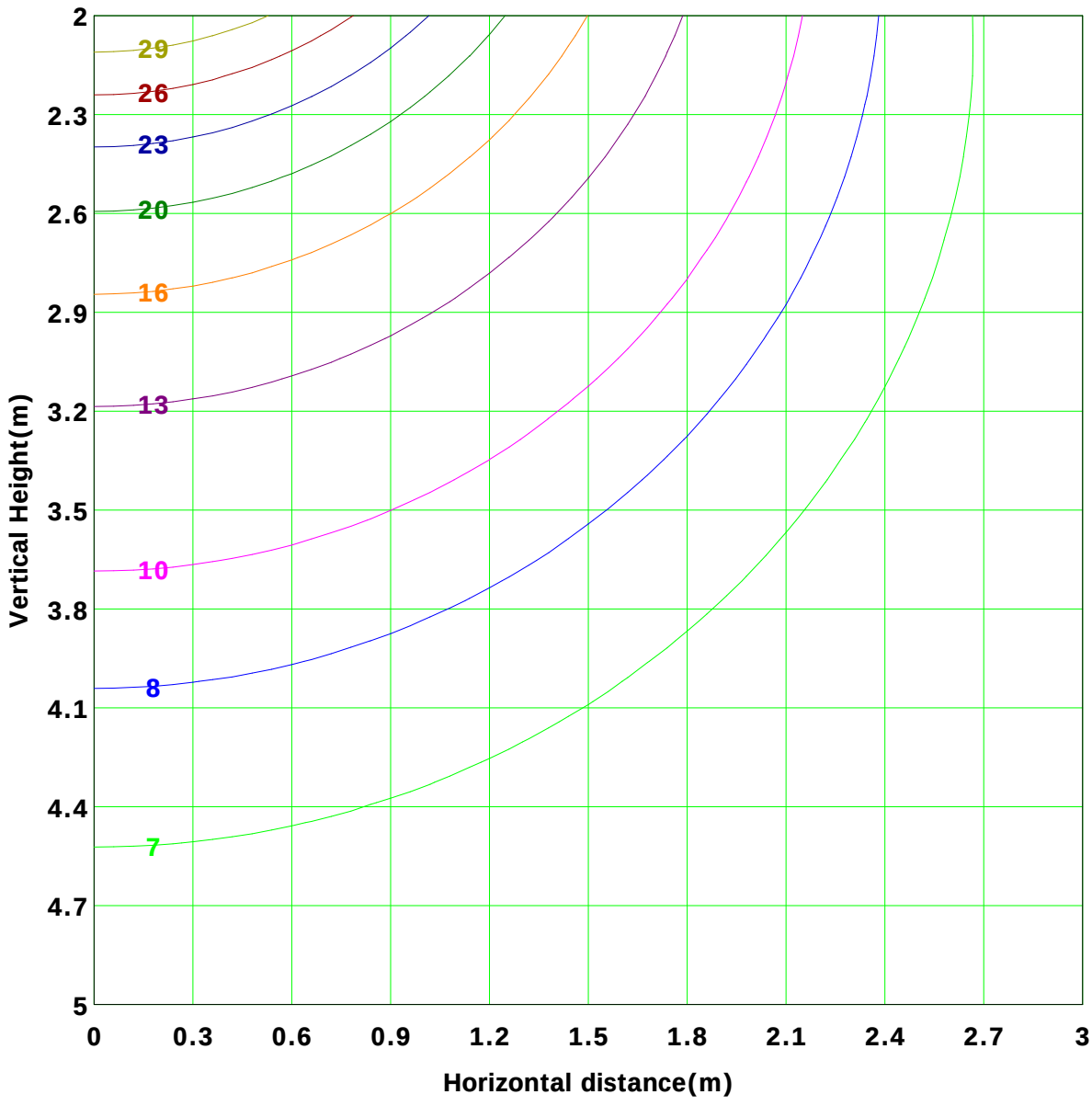
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	130.61	3.03/3.06	7.3	21.06
2.0	32.65	6.06/6.11	29.1	5.26
3.0	14.51	9.09/9.17	65.5	2.34
4.0	8.16	12.11/12.22	116.4	1.32
5.0	5.22	15.14/15.28	181.9	0.84
6.0	3.63	18.17/18.33	261.9	0.58
7.0	2.67	21.20/21.39	356.5	0.43
8.0	2.04	24.23/24.44	465.6	0.33
9.0	1.61	27.26/27.50	589.3	0.26
10.0	1.31	30.28/30.56	727.5	0.21

Beam Angle(B): H113.1 V113.6 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: 32.7 lx

(10%): 3.3 lx	(20%): 6.5 lx
(25%): 8.2 lx	(30%): 9.8 lx
(40%): 13.1 lx	(50%): 16.3 lx
(60%): 19.6 lx	(70%): 22.9 lx
(80%): 26.1 lx	(90%): 29.4 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

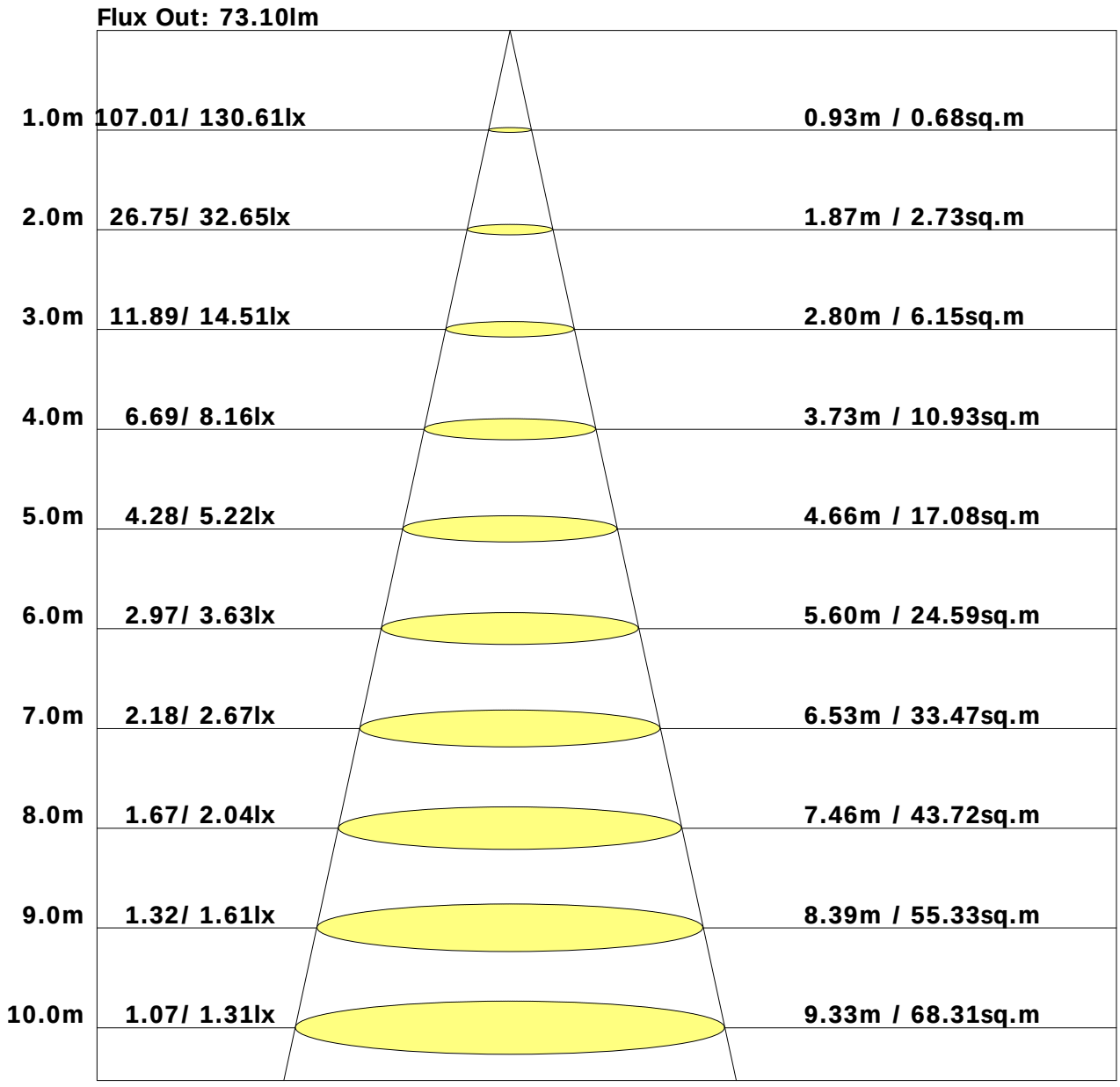
Vertical plane

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	5.4	4.2	4.2
-70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	11.3	11.1	11.1
-60	0.0	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.2	1.1	1.1	0.9	0.7	0.5	0.3	0.2	17.4	17.2	17.2
-50	0.0	0.1	0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.9	1.9	1.8	1.7	1.5	1.2	0.9	0.6	0.3	22.8	22.7	22.7
-40	0.0	0.1	0.4	0.7	1.2	1.7	2.0	2.3	2.5	2.6	2.6	2.5	2.3	2.0	1.7	1.3	0.8	0.4	27.4	27.3	27.3
-30	0.0	0.1	0.4	0.9	1.5	2.0	2.5	2.9	3.1	3.2	3.2	3.1	2.9	2.5	2.1	1.6	1.1	0.5	30.9	30.8	30.8
-20	0.0	0.2	0.5	1.1	1.7	2.3	2.9	3.3	3.5	3.7	3.7	3.5	3.3	2.9	2.5	1.9	1.2	0.6	33.3	33.3	33.3
-10	0.0	0.2	0.6	1.1	1.8	2.5	3.1	3.5	3.8	3.9	3.9	3.8	3.5	3.1	2.6	2.0	1.4	0.6	34.6	34.5	34.5
0	0.0	0.2	0.6	1.2	1.9	2.6	3.2	3.7	3.9	3.9	3.9	3.8	3.6	3.2	2.6	2.0	1.4	0.7	34.6	34.6	34.6
10	0.0	0.2	0.6	1.2	1.8	2.5	3.1	3.6	3.8	3.8	3.8	3.6	3.3	3.0	2.5	1.9	1.3	0.6	33.6	33.5	33.5
20	0.0	0.2	0.5	1.1	1.7	2.3	2.9	3.3	3.6	3.7	3.7	3.6	3.3	3.0	2.5	1.9	1.3	0.6	31.3	31.3	31.3
30	0.0	0.1	0.5	0.9	1.5	2.1	2.6	3.0	3.2	3.2	3.2	3.1	2.9	2.6	2.2	1.7	1.2	0.5	27.9	27.9	27.9
40	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.7	2.5	2.3	2.1	1.8	1.4	0.9	0.4	23.5	23.5	23.5
50	0.0	0.1	0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.4	0.2	18.3	18.1	18.1
60	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.3	1.5	1.5	1.5	1.4	1.2	0.9	0.6	0.4	0.2	0.1	12.3	12.0	12.0
70	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	0.3	0.2	0.1	0.0	6.2	5.4	5.4
80	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	1.5	0.0	0.0
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	373	367
Flux(T)	0.2	1.9	6.1	12.5	20.1	27.8	34.8	40.0	42.8	42.9	40.2	35.0	28.0	20.2	12.6	6.2	1.9	0.2	373		
Flux(E)	0.0	1.5	5.8	12.1	19.7	27.5	34.4	39.7	42.5	42.6	39.8	34.7	27.7	19.9	12.2	5.8	1.5	0.0		367	

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	16.4	18.0	16.8	18.4	18.7	16.6	18.2	17.0	18.6	18.9
3H	18.1	19.6	18.5	19.9	20.3	18.4	19.8	18.8	20.2	20.6
4H	18.7	20.0	19.1	20.4	20.8	19.0	20.4	19.4	20.7	21.1
6H	19.0	20.3	19.5	20.7	21.1	19.4	20.7	19.8	21.1	21.5
8H	19.1	20.3	19.6	20.8	21.2	19.5	20.7	20.0	21.1	21.6
12H	19.2	20.3	19.6	20.7	21.2	19.6	20.7	20.0	21.1	21.6
X=4H Y=2H	17.0	18.4	17.4	18.8	19.2	17.2	18.6	17.6	18.9	19.3
3H	18.9	20.1	19.4	20.5	20.9	19.2	20.3	19.6	20.7	21.2
4H	19.6	20.6	20.1	21.1	21.5	19.9	21.0	20.4	21.4	21.8
6H	20.1	21.0	20.6	21.4	21.9	20.4	21.3	20.9	21.8	22.3
8H	20.2	21.0	20.7	21.5	22.0	20.6	21.4	21.1	21.9	22.4
12H	20.3	21.0	20.8	21.5	22.0	20.7	21.5	21.2	21.9	22.4
X=8H Y=4H	19.9	20.7	20.3	21.2	21.7	20.2	21.0	20.7	21.5	22.0
6H	20.4	21.1	20.9	21.6	22.1	20.8	21.5	21.3	22.0	22.5
8H	20.6	21.2	21.1	21.8	22.3	21.0	21.6	21.5	22.2	22.7
12H	20.7	21.3	21.2	21.8	22.4	21.2	21.7	21.7	22.2	22.8
X=12H Y=4H	19.9	20.6	20.4	21.1	21.6	20.2	21.0	20.7	21.4	21.9
6H	20.5	21.1	21.0	21.6	22.1	20.8	21.5	21.4	21.9	22.5
8H	20.7	21.2	21.2	21.7	22.3	21.1	21.6	21.6	22.1	22.7

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		0.49	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	0.86	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	0.85

Rating:3W 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:3W 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		0.06	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	0.21	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	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	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:3W 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	130.8	0.1	0.1	0.03	0.03
1.0-2.0	130.8	0.4	0.5	0.10	0.13
2.0-3.0	130.7	0.6	1.1	0.17	0.30
3.0-4.0	130.6	0.9	2.0	0.23	0.53
4.0-5.0	130.4	1.1	3.1	0.30	0.83
5.0-6.0	130.2	1.4	4.5	0.36	1.19
6.0-7.0	129.9	1.6	6.1	0.43	1.62
7.0-8.0	129.6	1.9	8.0	0.49	2.11
8.0-9.0	129.3	2.1	10.1	0.56	2.67
9.0-10.0	128.9	2.3	12.4	0.62	3.29
10.0-11.0	128.5	2.6	15.0	0.68	3.97
11.0-12.0	128.0	2.8	17.8	0.74	4.71
12.0-13.0	127.5	3.0	20.8	0.80	5.51
13.0-14.0	126.9	3.2	24.0	0.86	6.37
14.0-15.0	126.3	3.5	27.5	0.92	7.29
15.0-16.0	125.7	3.7	31.2	0.98	8.27
16.0-17.0	125.0	3.9	35.1	1.03	9.30
17.0-18.0	124.2	4.1	39.2	1.09	10.39
18.0-19.0	123.5	4.3	43.5	1.14	11.53
19.0-20.0	122.7	4.5	48.0	1.19	12.72
20.0-21.0	121.8	4.7	52.6	1.24	13.96
21.0-22.0	120.9	4.9	57.5	1.29	15.25
22.0-23.0	120.0	5.0	62.5	1.34	16.59
23.0-24.0	119.0	5.2	67.7	1.38	17.97
24.0-25.0	118.0	5.4	73.1	1.42	19.39
25.0-26.0	116.9	5.5	78.6	1.46	20.85
26.0-27.0	115.8	5.7	84.3	1.50	22.36
27.0-28.0	114.7	5.8	90.1	1.54	23.90
28.0-29.0	113.5	5.9	96.0	1.58	25.47
29.0-30.0	112.3	6.1	102.1	1.61	27.08
30.0-31.0	111.1	6.2	108.3	1.64	28.72
31.0-32.0	109.7	6.3	114.6	1.67	30.39
32.0-33.0	108.4	6.4	121.0	1.69	32.09
33.0-34.0	107.0	6.5	127.4	1.72	33.80
34.0-35.0	105.6	6.6	134.0	1.74	35.55
35.0-36.0	104.2	6.6	140.6	1.76	37.31

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

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

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	102.7	6.7	147.3	1.78	39.08
37.0-38.0	101.2	6.8	154.1	1.79	40.87
38.0-39.0	99.6	6.8	160.9	1.80	42.68
39.0-40.0	98.0	6.8	167.7	1.81	44.49
40.0-41.0	96.4	6.9	174.6	1.82	46.31
41.0-42.0	94.7	6.9	181.5	1.83	48.14
42.0-43.0	93.1	6.9	188.4	1.83	49.97
43.0-44.0	91.3	6.9	195.3	1.83	51.80
44.0-45.0	89.5	6.9	202.1	1.83	53.62
45.0-46.0	87.7	6.9	209.0	1.82	55.44
46.0-47.0	85.9	6.8	215.8	1.81	57.26
47.0-48.0	84.0	6.8	222.6	1.80	59.06
48.0-49.0	82.1	6.7	229.4	1.79	60.85
49.0-50.0	80.2	6.7	236.1	1.77	62.62
50.0-51.0	78.2	6.6	242.7	1.76	64.38
51.0-52.0	76.2	6.5	249.2	1.73	66.11
52.0-53.0	74.2	6.5	255.7	1.71	67.82
53.0-54.0	72.1	6.4	262.0	1.69	69.51
54.0-55.0	70.0	6.3	268.3	1.66	71.17
55.0-56.0	67.9	6.1	274.4	1.63	72.80
56.0-57.0	65.8	6.0	280.4	1.60	74.39
57.0-58.0	63.6	5.9	286.3	1.56	75.96
58.0-59.0	61.4	5.7	292.1	1.52	77.48
59.0-60.0	59.2	5.6	297.7	1.48	78.96
60.0-61.0	56.9	5.4	303.1	1.44	80.40
61.0-62.0	54.6	5.3	308.4	1.40	81.80
62.0-63.0	52.3	5.1	313.4	1.35	83.15
63.0-64.0	49.9	4.9	318.3	1.30	84.45
64.0-65.0	47.6	4.7	323.1	1.25	85.70
65.0-66.0	45.2	4.5	327.6	1.20	86.89
66.0-67.0	42.9	4.3	331.9	1.14	88.04
67.0-68.0	40.5	4.1	336.0	1.09	89.13
68.0-69.0	38.2	3.9	339.9	1.03	90.16
69.0-70.0	35.8	3.7	343.6	0.98	91.13
70.0-71.0	33.4	3.5	347.0	0.92	92.05
71.0-72.0	31.1	3.2	350.2	0.86	92.91

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	28.7	3.0	353.2	0.79	93.70
73.0-74.0	26.3	2.8	356.0	0.73	94.44
74.0-75.0	24.0	2.5	358.5	0.67	95.11
75.0-76.0	21.8	2.3	360.8	0.61	95.72
76.0-77.0	19.6	2.1	362.9	0.55	96.28
77.0-78.0	17.4	1.9	364.8	0.50	96.77
78.0-79.0	15.4	1.7	366.5	0.44	97.21
79.0-80.0	13.4	1.4	367.9	0.38	97.59
80.0-81.0	11.5	1.2	369.1	0.33	97.92
81.0-82.0	9.7	1.1	370.2	0.28	98.20
82.0-83.0	8.0	0.9	371.1	0.23	98.43
83.0-84.0	6.4	0.7	371.8	0.19	98.62
84.0-85.0	5.0	0.5	372.3	0.14	98.76
85.0-86.0	3.6	0.4	372.7	0.11	98.87
86.0-87.0	2.5	0.3	373.0	0.07	98.94
87.0-88.0	1.6	0.2	373.2	0.05	98.99
88.0-89.0	0.9	0.1	373.3	0.03	99.01
89.0-90.0	0.4	0.0	373.3	0.01	99.02
90.0-91.0	0.3	0.0	373.3	0.01	99.03
91.0-92.0	0.2	0.0	373.3	0.01	99.04
92.0-93.0	0.2	0.0	373.4	0.01	99.04
93.0-94.0	0.2	0.0	373.4	0.01	99.05
94.0-95.0	0.2	0.0	373.4	0.01	99.06
95.0-96.0	0.2	0.0	373.4	0.01	99.06
96.0-97.0	0.2	0.0	373.5	0.01	99.07
97.0-98.0	0.3	0.0	373.5	0.01	99.08
98.0-99.0	0.3	0.0	373.5	0.01	99.09
99.0-100.0	0.3	0.0	373.6	0.01	99.09
100.0-101.0	0.3	0.0	373.6	0.01	99.10
101.0-102.0	0.3	0.0	373.6	0.01	99.11
102.0-103.0	0.3	0.0	373.7	0.01	99.12
103.0-104.0	0.3	0.0	373.7	0.01	99.13
104.0-105.0	0.4	0.0	373.7	0.01	99.14
105.0-106.0	0.4	0.0	373.8	0.01	99.15
106.0-107.0	0.4	0.0	373.8	0.01	99.16
107.0-108.0	0.4	0.0	373.8	0.01	99.17

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	0.4	0.0	373.9	0.01	99.18
109.0-110.0	0.4	0.0	373.9	0.01	99.19
110.0-111.0	0.4	0.0	374.0	0.01	99.20
111.0-112.0	0.4	0.0	374.0	0.01	99.22
112.0-113.0	0.5	0.0	374.1	0.01	99.23
113.0-114.0	0.5	0.0	374.1	0.01	99.24
114.0-115.0	0.5	0.0	374.2	0.01	99.25
115.0-116.0	0.5	0.0	374.2	0.01	99.27
116.0-117.0	0.5	0.1	374.3	0.01	99.28
117.0-118.0	0.5	0.1	374.3	0.01	99.29
118.0-119.0	0.5	0.1	374.4	0.01	99.31
119.0-120.0	0.6	0.1	374.4	0.01	99.32
120.0-121.0	0.6	0.1	374.5	0.01	99.34
121.0-122.0	0.6	0.1	374.5	0.01	99.35
122.0-123.0	0.6	0.1	374.6	0.01	99.37
123.0-124.0	0.6	0.1	374.6	0.01	99.38
124.0-125.0	0.6	0.1	374.7	0.01	99.39
125.0-126.0	0.6	0.1	374.8	0.02	99.41
126.0-127.0	0.6	0.1	374.8	0.02	99.43
127.0-128.0	0.7	0.1	374.9	0.02	99.44
128.0-129.0	0.7	0.1	374.9	0.02	99.46
129.0-130.0	0.7	0.1	375.0	0.02	99.47
130.0-131.0	0.7	0.1	375.0	0.02	99.49
131.0-132.0	0.7	0.1	375.1	0.02	99.50
132.0-133.0	0.7	0.1	375.2	0.02	99.52
133.0-134.0	0.8	0.1	375.2	0.02	99.53
134.0-135.0	0.8	0.1	375.3	0.02	99.55
135.0-136.0	0.8	0.1	375.3	0.02	99.57
136.0-137.0	0.8	0.1	375.4	0.02	99.58
137.0-138.0	0.8	0.1	375.5	0.02	99.60
138.0-139.0	0.8	0.1	375.5	0.02	99.61
139.0-140.0	0.8	0.1	375.6	0.02	99.63
140.0-141.0	0.8	0.1	375.6	0.02	99.64
141.0-142.0	0.9	0.1	375.7	0.02	99.66
142.0-143.0	0.9	0.1	375.7	0.02	99.67
143.0-144.0	0.9	0.1	375.8	0.01	99.69

C Plane (°):0.0-360.0: 30.0
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Temperature: 25
Operator: Nick

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

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.9	0.1	375.9	0.01	99.70
145.0-146.0	0.9	0.1	375.9	0.01	99.72
146.0-147.0	0.9	0.1	376.0	0.01	99.73
147.0-148.0	0.9	0.1	376.0	0.01	99.75
148.0-149.0	0.9	0.1	376.1	0.01	99.76
149.0-150.0	0.9	0.1	376.1	0.01	99.77
150.0-151.0	0.9	0.1	376.2	0.01	99.79
151.0-152.0	0.9	0.0	376.2	0.01	99.80
152.0-153.0	1.0	0.0	376.3	0.01	99.81
153.0-154.0	1.0	0.0	376.3	0.01	99.83
154.0-155.0	1.0	0.0	376.4	0.01	99.84
155.0-156.0	1.0	0.0	376.4	0.01	99.85
156.0-157.0	1.0	0.0	376.4	0.01	99.86
157.0-158.0	1.0	0.0	376.5	0.01	99.87
158.0-159.0	1.0	0.0	376.5	0.01	99.88
159.0-160.0	1.0	0.0	376.6	0.01	99.89
160.0-161.0	1.0	0.0	376.6	0.01	99.90
161.0-162.0	1.0	0.0	376.6	0.01	99.91
162.0-163.0	1.0	0.0	376.7	0.01	99.92
163.0-164.0	1.0	0.0	376.7	0.01	99.93
164.0-165.0	1.0	0.0	376.7	0.01	99.94
165.0-166.0	1.1	0.0	376.8	0.01	99.95
166.0-167.0	1.1	0.0	376.8	0.01	99.95
167.0-168.0	1.1	0.0	376.8	0.01	99.96
168.0-169.0	1.1	0.0	376.8	0.01	99.97
169.0-170.0	1.1	0.0	376.9	0.01	99.97
170.0-171.0	1.1	0.0	376.9	0.01	99.98
171.0-172.0	1.1	0.0	376.9	0.00	99.98
172.0-173.0	1.1	0.0	376.9	0.00	99.99
173.0-174.0	1.1	0.0	376.9	0.00	99.99
174.0-175.0	1.1	0.0	376.9	0.00	99.99
175.0-176.0	1.1	0.0	377.0	0.00	100.00
176.0-177.0	1.1	0.0	377.0	0.00	100.00
177.0-178.0	1.1	0.0	377.0	0.00	100.00
178.0-179.0	1.1	0.0	377.0	0.00	100.00
179.0-180.0	1.1	0.0	377.0	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: