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

Report No.: **Test Time: 2020/11/20 09:59**

Luminaire Property

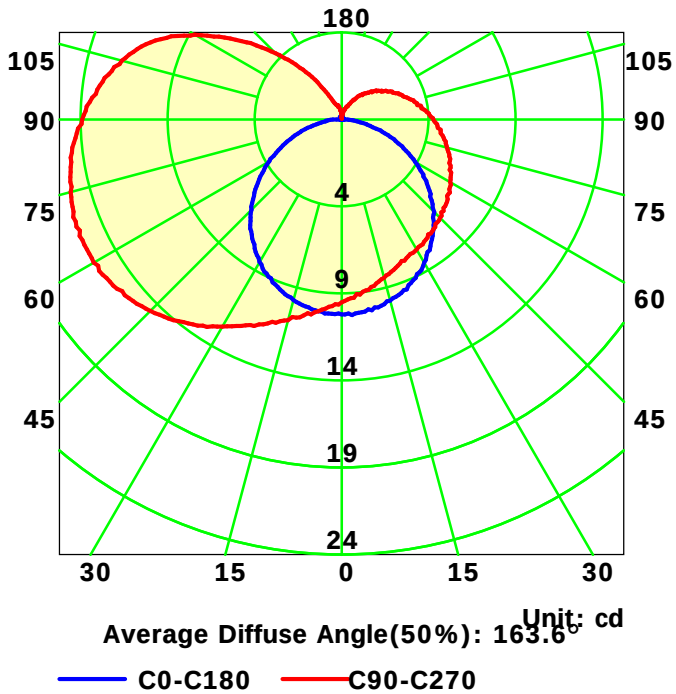
Luminaire Manufacturer:
Luminaire Category: Contour Plus 5.0
Luminaire Description: NEON+RB0SCS2205.0R-12N
Lamp Catalog: 12N-R **Lamp Description: 2835 RED**
Number of Lamps: 160 **Luminous Length (mm): 500**
Luminous Width (mm): 10 **Luminous Height (mm): 23**
Voltage: 24.0 V **Current: 0.348 A**
Power: 8.34 W **Power Factor: 1.000**

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 72.5 lm**
Measurement Flux: 72.5 lm **Efficiency: 100%**
Downward Ratio: 72% **Upward Ratio: 28%**
Horizontal Diffuse Angle(10%,50%): H162.7,H111.8
Vertical Diffuse Angle(10%,50%): V303.3,V215.4
Luminaire Efficacy Rating (LER): 9 **Central Intensity: 10.93 cd**
Max. Intensity: 16.07 cd **Pos of Max. Intensity: H270 V66**

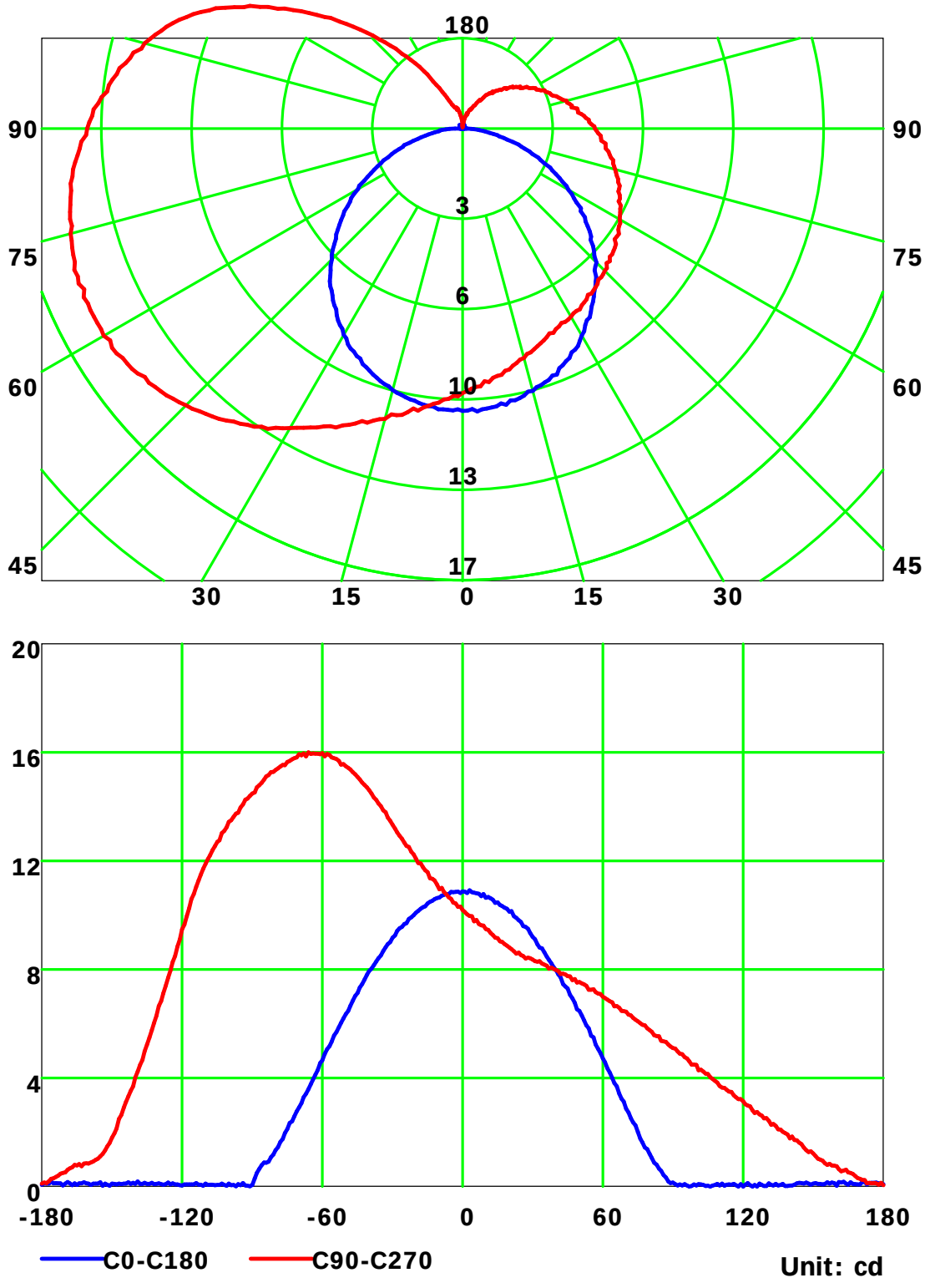
Picture Of Luminaire

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: Kerr **Inspector:**

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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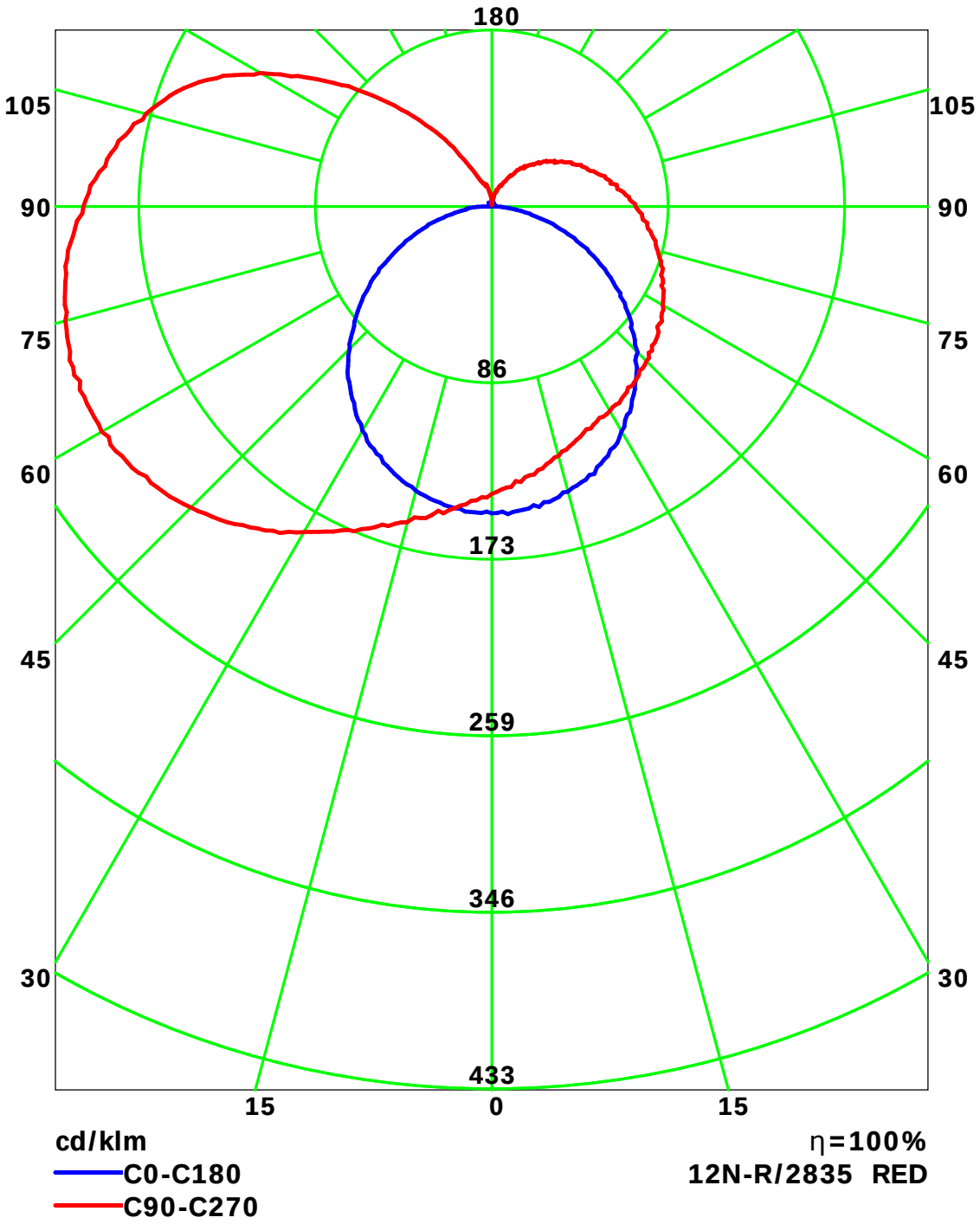
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
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Test Type: TYPE C
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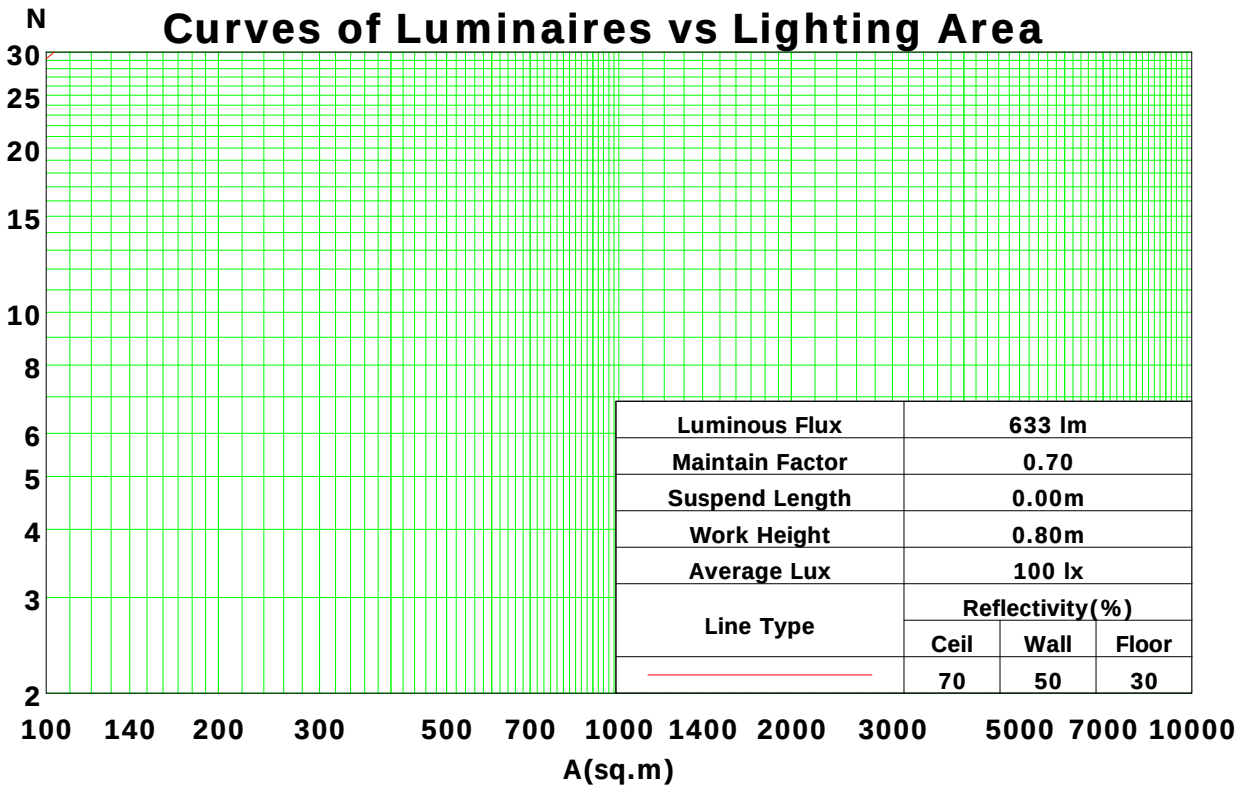
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	72
1	98	92	86	81	92	87	81	77	77	73	69	68	65	62	60	58	55	51
2	88	78	69	62	82	73	66	59	65	59	54	57	53	48	50	46	43	39
3	79	67	57	50	74	63	55	48	56	49	43	49	44	39	43	39	35	31
4	72	58	49	41	67	55	46	39	49	42	36	43	37	32	38	33	29	26
5	65	51	42	35	61	49	40	33	43	36	30	38	32	27	34	29	24	21
6	60	46	36	30	56	43	35	28	39	31	26	34	28	23	30	25	21	18
7	55	41	32	26	52	39	31	25	35	28	22	31	25	20	27	22	18	16
8	51	37	28	22	48	35	27	21	32	25	20	28	22	18	25	20	16	14
9	48	34	26	20	45	32	24	19	29	22	17	26	20	16	23	18	14	12
10	45	31	23	18	42	30	22	17	27	20	16	24	18	14	21	17	13	11

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.67
Spacing Criteria (Diagonal): 1.58

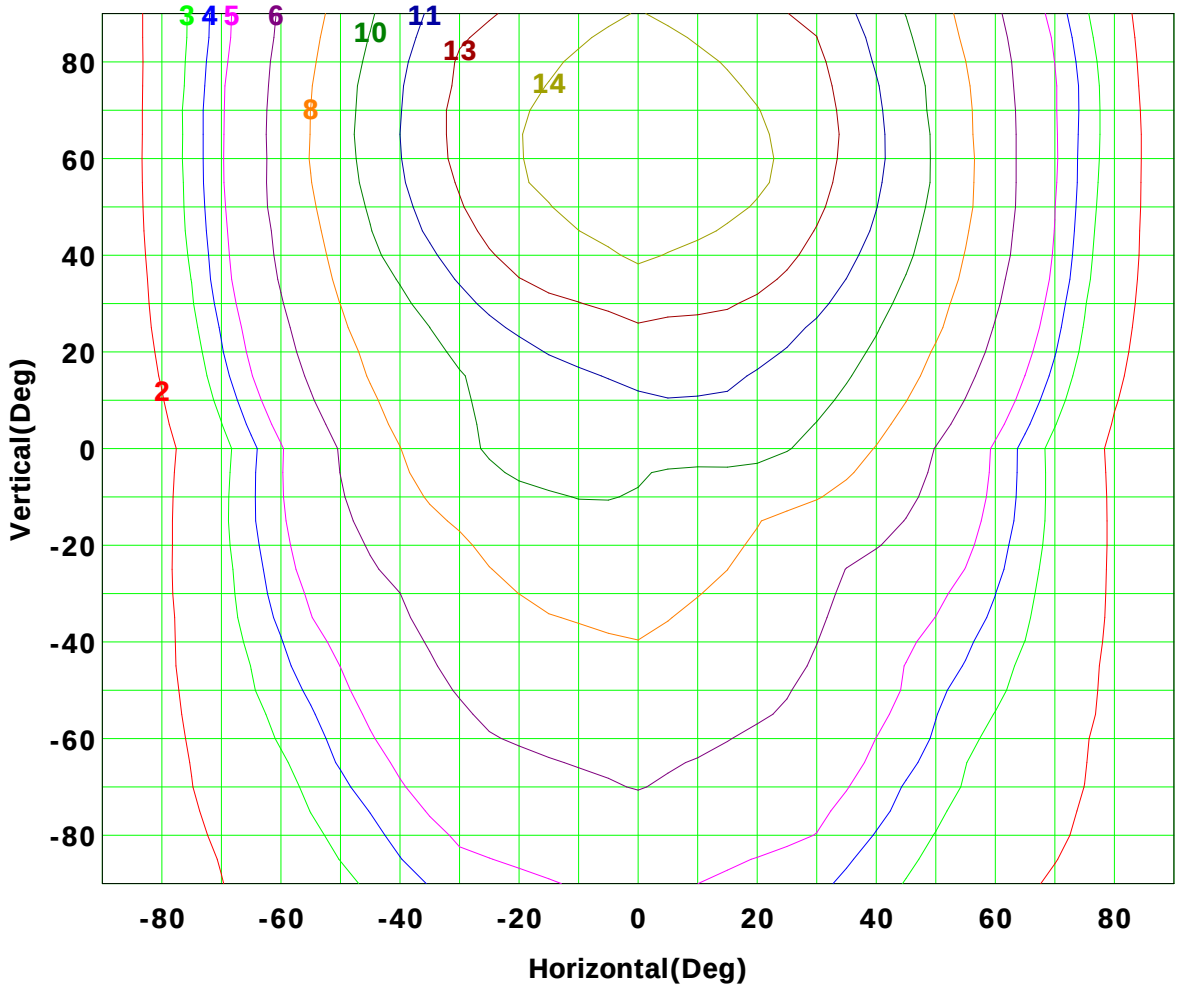
Curves of Luminaires vs Lighting Area



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

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

Isocandela (rectangle)



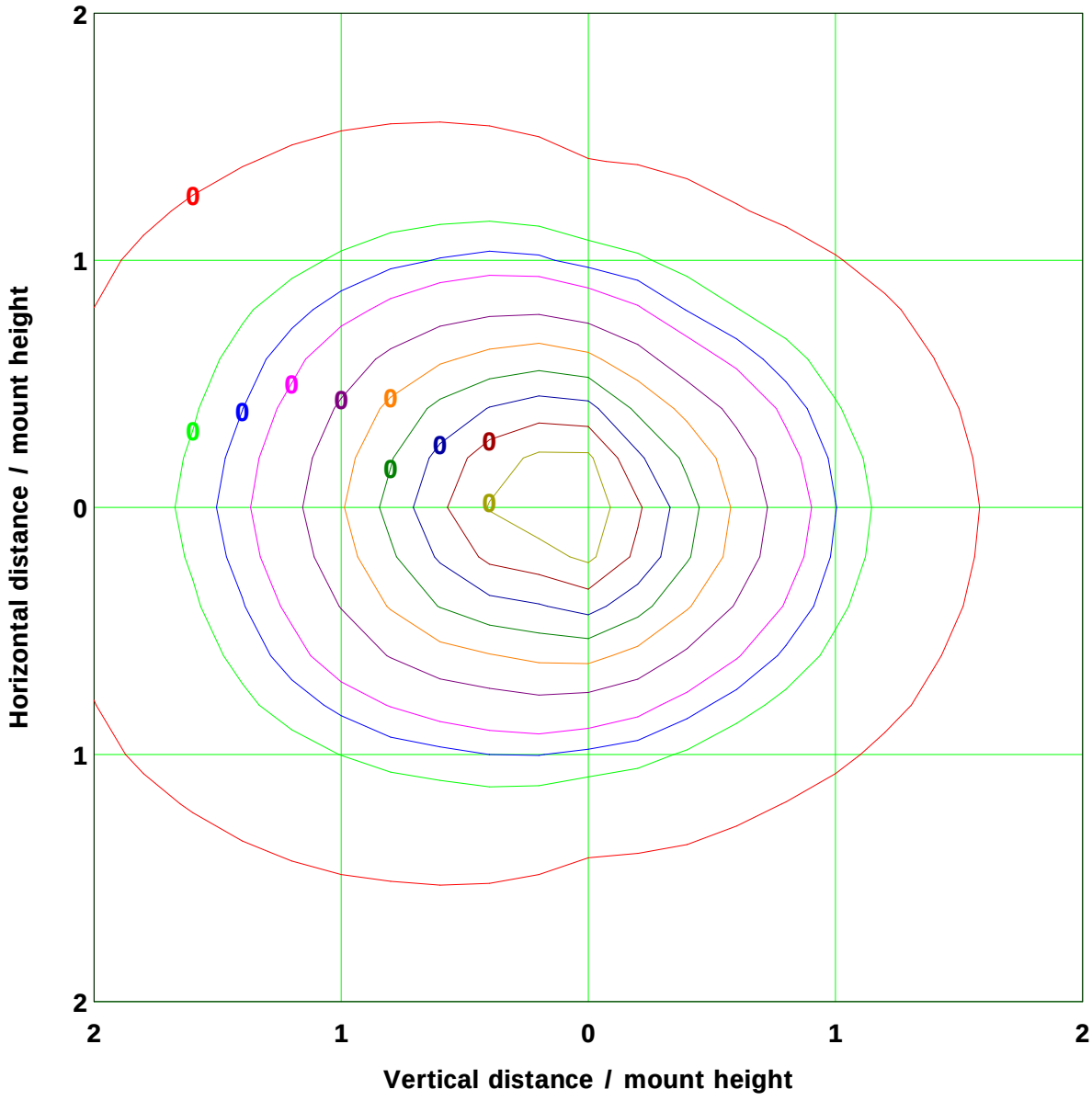
Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	10 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 cd

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

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

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.4 lx

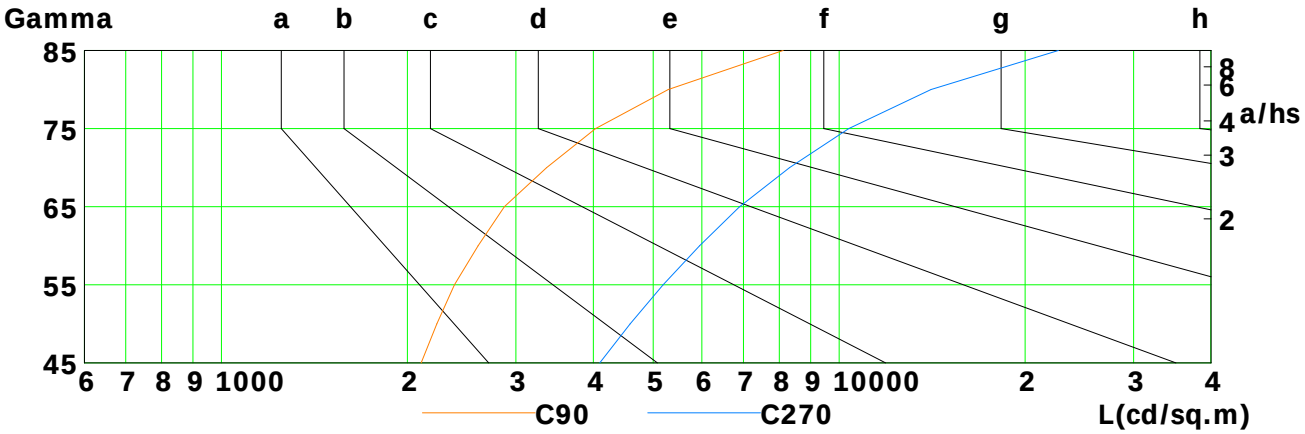
(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.2 lx	(50%): 0.2 lx
(60%): 0.3 lx	(70%): 0.3 lx
(80%): 0.3 lx	(90%): 0.4 lx

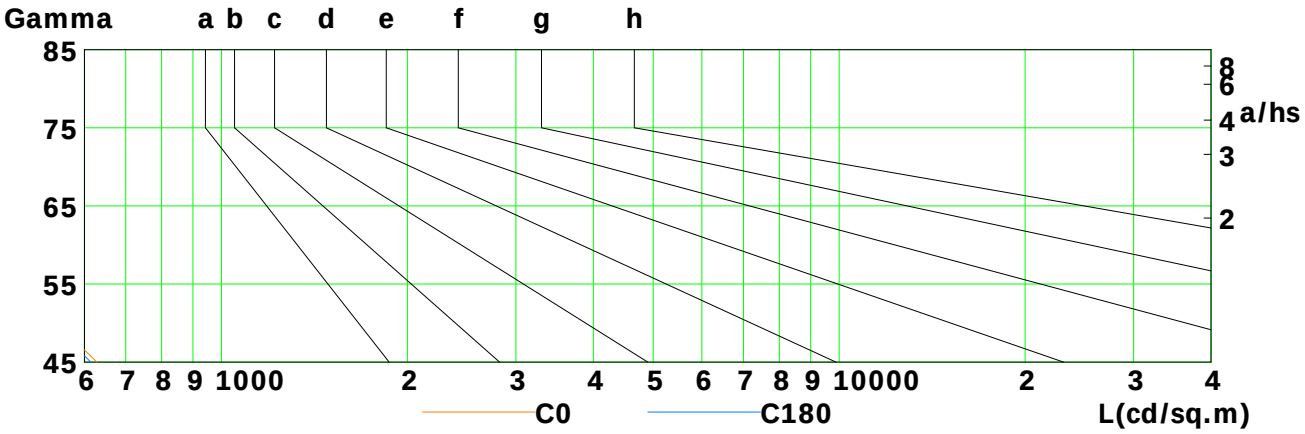
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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



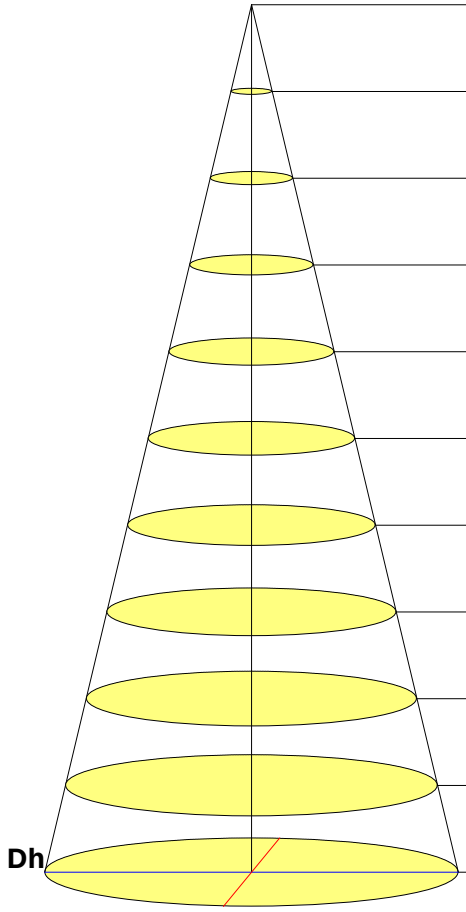


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	629	541	455	380	306	230	163	99	50
C90	2106	2233	2385	2604	2873	3364	4036	5289	8121
C180	615	531	456	376	302	234	172	111	76
C270	4099	4590	5189	5946	6901	8312	10368	14085	22665

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

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

Illuminance at a Distance



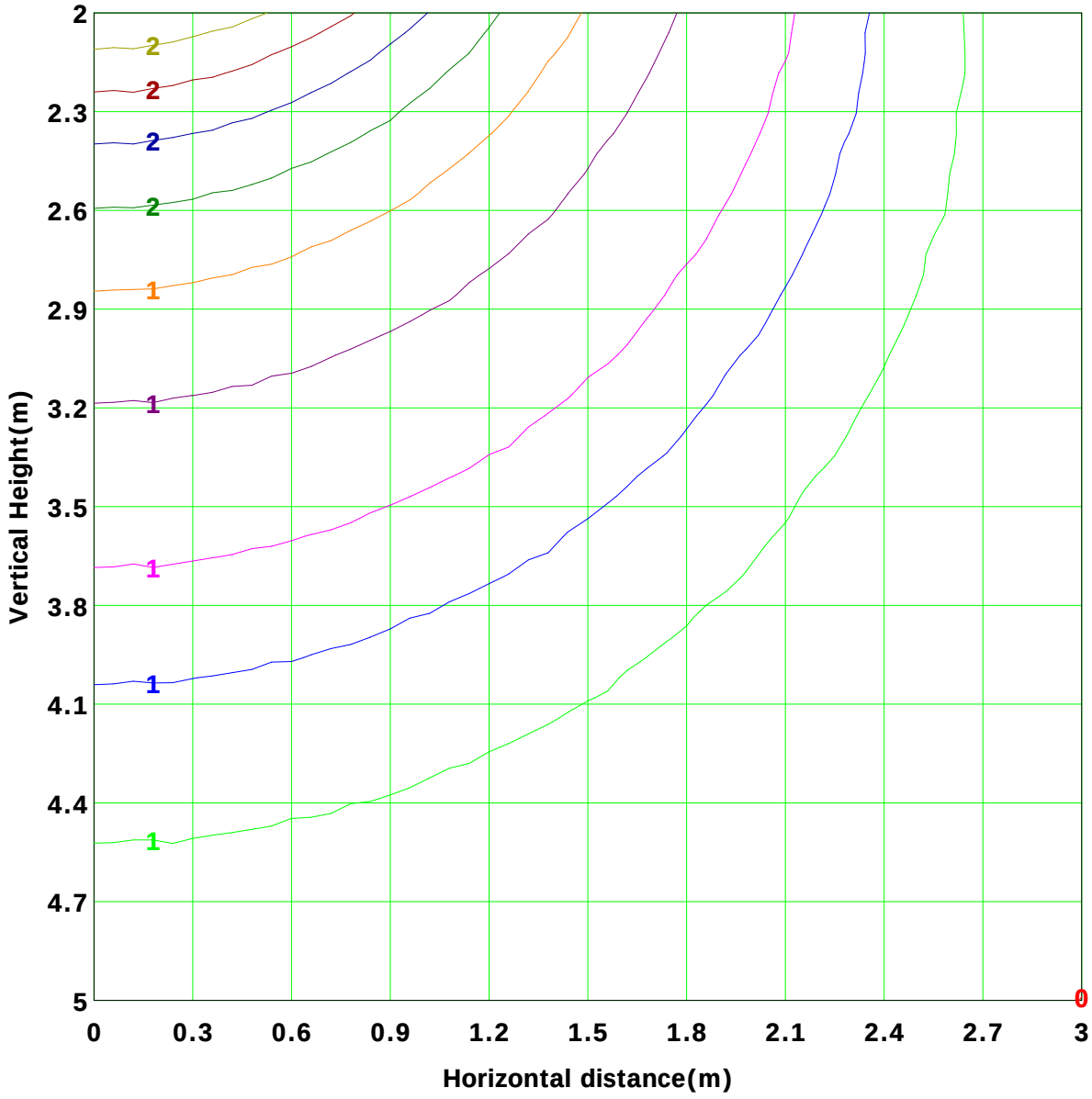
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	10.93	2.95/NA	NA	NA
2.0	2.73	5.90/NA	NA	NA
3.0	1.21	8.85/NA	NA	NA
4.0	0.68	11.81/NA	NA	NA
5.0	0.44	14.76/NA	NA	NA
6.0	0.30	17.71/NA	NA	NA
7.0	0.22	20.66/NA	NA	NA
8.0	0.17	23.61/NA	NA	NA
9.0	0.13	26.56/NA	NA	NA
10.0	0.11	29.51/NA	NA	NA

Beam Angle(B): H111.8 V215.4 Field Angle(F): H162.7 V303.3

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

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: 2.7 lx

(10%):	0.3 lx	(20%):	0.5 lx
(25%):	0.7 lx	(30%):	0.8 lx
(40%):	1.1 lx	(50%):	1.4 lx
(60%):	1.6 lx	(70%):	1.9 lx
(80%):	2.2 lx	(90%):	2.5 lx

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

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

Area Flux Table

Unit: lm

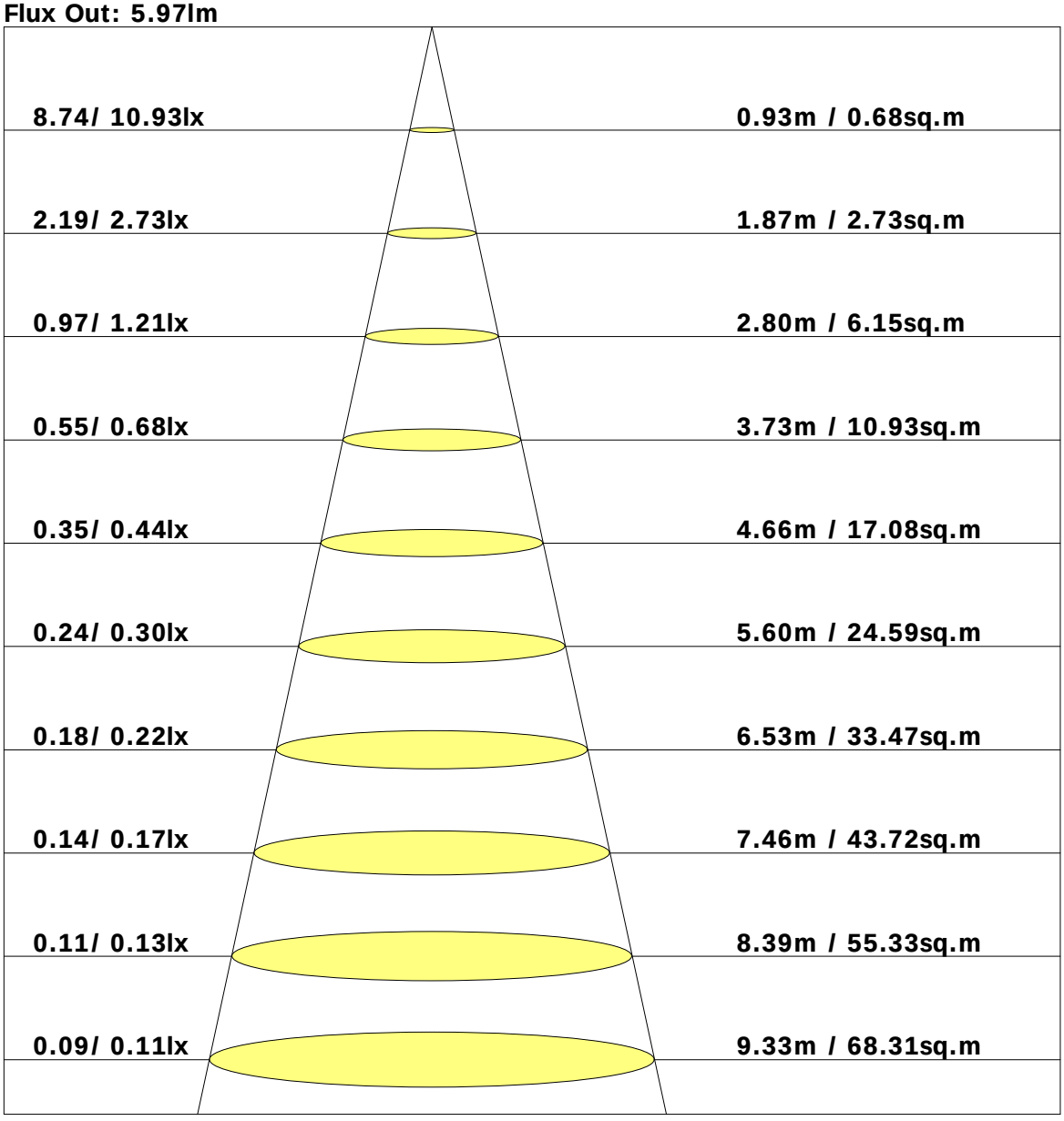
Vertical plane / Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0
-80	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.4	0.4
-70	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	1.0	1.0
-60	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	1.8	1.8
-50	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	2.8	2.8
-40	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.9	3.9
-30	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	4.8	4.8
-20	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	5.4	5.4
-10	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	5.8	5.8
0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	5.8	5.8
10	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	5.4	5.4
20	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	4.8	4.8
30	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.9	3.9
40	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	2.8	2.8
50	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	1.8	1.8
60	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	1.0	1.0
70	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.4	0.3
80	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0
90	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	52	1.4
Flux(T)	3.9	4.1	4.2	4.1	4.0	3.7	3.4	3.2	2.9	2.7	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.4	1.4		1.4
Flux(E)	3.9	4.1	4.2	4.1	4.0	3.7	3.4	3.2	2.9	2.7	2.5	2.3	2.2	2.1	1.9	1.7	1.6	1.4	52	1.4	

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

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: 5.97lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	8.74/ 10.93lx		0.93m / 0.68sq.m
2.0m	2.19/ 2.73lx		1.87m / 2.73sq.m
3.0m	0.97/ 1.21lx		2.80m / 6.15sq.m
4.0m	0.55/ 0.68lx		3.73m / 10.93sq.m
5.0m	0.35/ 0.44lx		4.66m / 17.08sq.m
6.0m	0.24/ 0.30lx		5.60m / 24.59sq.m
7.0m	0.18/ 0.22lx		6.53m / 33.47sq.m
8.0m	0.14/ 0.17lx		7.46m / 43.72sq.m
9.0m	0.11/ 0.13lx		8.39m / 55.33sq.m
10.0m	0.09/ 0.11lx		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	18.4	19.7	19.1	20.4	21.3	16.3	17.6	17.0	18.3	19.2
3H	20.4	21.6	21.1	22.3	23.3	18.7	19.8	19.4	20.6	21.6
4H	21.2	22.3	21.9	23.1	24.0	19.8	20.9	20.5	21.7	22.6
6H	21.8	22.8	22.5	23.6	24.5	20.9	21.9	21.7	22.7	23.7
8H	21.9	22.9	22.7	23.8	24.7	21.4	22.4	22.2	23.2	24.2
12H	22.1	23.0	22.9	23.9	24.8	21.9	22.9	22.7	23.7	24.7
X=4H Y=2H	19.4	20.5	20.1	21.3	22.2	16.9	18.0	17.6	18.8	19.7
3H	21.6	22.6	22.4	23.4	24.4	19.6	20.5	20.3	21.3	22.3
4H	22.6	23.5	23.4	24.3	25.3	20.8	21.7	21.6	22.5	23.5
6H	23.4	24.2	24.2	25.0	26.0	22.1	22.9	22.9	23.8	24.8
8H	23.7	24.4	24.5	25.3	26.3	22.7	23.5	23.5	24.3	25.3
12H	23.9	24.6	24.7	25.4	26.5	23.3	24.0	24.1	24.9	25.9
X=8H Y=4H	23.4	24.2	24.2	25.0	26.0	21.2	22.0	22.0	22.8	23.8
6H	24.5	25.2	25.3	26.0	27.0	22.7	23.4	23.5	24.2	25.2
8H	25.0	25.6	25.8	26.4	27.4	23.5	24.1	24.3	24.9	26.0
12H	25.4	25.9	26.2	26.8	27.8	24.2	24.8	25.1	25.6	26.7
X=12H Y=4H	23.7	24.3	24.5	25.2	26.2	21.2	21.9	22.1	22.8	23.8
6H	24.9	25.5	25.7	26.3	27.4	22.8	23.4	23.7	24.3	25.3
8H	25.4	26.0	26.3	26.8	27.9	23.7	24.2	24.5	25.0	26.1

Calculate in accordance with CIE 190:2010

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

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 = 1.75
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	NA	0.52	0.59	0.64	0.71	0.76	0.79	0.84	0.88
	0.30		NA	0.44	0.50	0.56	0.63	0.69	0.73	0.79	0.83
	0.20		NA	0.38	0.44	0.49	0.57	0.63	0.67	0.74	0.78
0.50	0.50	0.20	NA	0.47	0.53	0.57	0.63	0.68	0.71	0.75	0.78
	0.30		NA	0.40	0.46	0.50	0.57	0.62	0.66	0.71	0.74
	0.20		NA	0.35	0.40	0.45	0.52	0.57	0.61	0.67	0.71
0.30	0.50	0.20	NA	0.42	0.47	0.51	0.56	0.60	0.63	0.67	0.69
	0.30		NA	0.36	0.41	0.45	0.51	0.56	0.59	0.63	0.66
	0.20		NA	0.32	0.37	0.41	0.47	0.52	0.55	0.60	0.64
0.00	0.00	0.00	NA	0.26	0.30	0.34	0.39	0.43	0.46	0.50	0.53

Rating:8W 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: Kerr

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 = 1.75								
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.76	0.68	0.62	0.53	0.46	0.41	0.34	0.29
	0.20		NA	0.67	0.61	0.56	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.48	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.38	0.31	0.27
	0.20		NA	0.62	0.56	0.52	0.45	0.39	0.35	0.30	0.25
0.30	0.50	0.20	NA	0.73	0.65	0.58	0.48	0.42	0.37	0.30	0.26
	0.30		NA	0.65	0.58	0.52	0.45	0.39	0.35	0.29	0.25
	0.20		NA	0.58	0.52	0.48	0.41	0.37	0.33	0.27	0.24
0.00	0.00	0.00	0.72	0.46	0.42	0.38	0.33	0.29	0.26	0.22	0.19

Rating:8W 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: Kerr

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 = 1.75
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	NA	0.46	0.46	0.47	0.48	0.48	0.49	0.49	0.49
	0.30		NA	0.38	0.40	0.41	0.42	0.43	0.44	0.45	0.46
	0.20		NA	0.33	0.34	0.35	0.37	0.38	0.40	0.41	0.42
0.50	0.50	0.20	NA	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.47
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.42	0.43	0.44
	0.20		NA	0.33	0.34	0.35	0.36	0.38	0.39	0.40	0.41
0.30	0.50	0.20	NA	0.42	0.43	0.44	0.44	0.44	0.45	0.45	0.45
	0.30		NA	0.37	0.38	0.38	0.40	0.40	0.41	0.42	0.42
	0.20		NA	0.32	0.33	0.34	0.36	0.37	0.38	0.39	0.40
0.00	0.00	0.00	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28

Rating:8W 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: Kerr

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	10.3	0.0	0.0	0.01	0.01
1.0-2.0	10.3	0.0	0.0	0.04	0.05
2.0-3.0	10.3	0.0	0.1	0.07	0.12
3.0-4.0	10.3	0.1	0.2	0.10	0.22
4.0-5.0	10.3	0.1	0.2	0.12	0.34
5.0-6.0	10.3	0.1	0.4	0.15	0.49
6.0-7.0	10.3	0.1	0.5	0.18	0.67
7.0-8.0	10.3	0.1	0.6	0.20	0.87
8.0-9.0	10.3	0.2	0.8	0.23	1.10
9.0-10.0	10.3	0.2	1.0	0.26	1.36
10.0-11.0	10.3	0.2	1.2	0.28	1.64
11.0-12.0	10.3	0.2	1.4	0.31	1.95
12.0-13.0	10.2	0.2	1.7	0.33	2.28
13.0-14.0	10.2	0.3	1.9	0.36	2.64
14.0-15.0	10.2	0.3	2.2	0.39	3.03
15.0-16.0	10.2	0.3	2.5	0.41	3.44
16.0-17.0	10.2	0.3	2.8	0.44	3.88
17.0-18.0	10.1	0.3	3.1	0.46	4.34
18.0-19.0	10.1	0.4	3.5	0.49	4.82
19.0-20.0	10.1	0.4	3.9	0.51	5.33
20.0-21.0	10.1	0.4	4.3	0.53	5.87
21.0-22.0	10.1	0.4	4.7	0.56	6.42
22.0-23.0	10.0	0.4	5.1	0.58	7.00
23.0-24.0	10.0	0.4	5.5	0.60	7.61
24.0-25.0	10.0	0.5	6.0	0.63	8.23
25.0-26.0	10.0	0.5	6.4	0.65	8.88
26.0-27.0	9.9	0.5	6.9	0.67	9.55
27.0-28.0	9.9	0.5	7.4	0.69	10.24
28.0-29.0	9.9	0.5	7.9	0.71	10.96
29.0-30.0	9.9	0.5	8.5	0.73	11.69
30.0-31.0	9.8	0.5	9.0	0.75	12.45
31.0-32.0	9.8	0.6	9.6	0.78	13.22
32.0-33.0	9.8	0.6	10.2	0.79	14.02
33.0-34.0	9.8	0.6	10.8	0.81	14.83
34.0-35.0	9.7	0.6	11.4	0.83	15.66
35.0-36.0	9.7	0.6	12.0	0.85	16.51

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

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	9.6	0.6	12.6	0.87	17.38
37.0-38.0	9.6	0.6	13.2	0.89	18.26
38.0-39.0	9.6	0.7	13.9	0.90	19.17
39.0-40.0	9.6	0.7	14.6	0.92	20.08
40.0-41.0	9.5	0.7	15.2	0.93	21.02
41.0-42.0	9.5	0.7	15.9	0.95	21.97
42.0-43.0	9.4	0.7	16.6	0.96	22.93
43.0-44.0	9.4	0.7	17.3	0.98	23.91
44.0-45.0	9.3	0.7	18.1	0.99	24.89
45.0-46.0	9.3	0.7	18.8	1.00	25.90
46.0-47.0	9.2	0.7	19.5	1.01	26.91
47.0-48.0	9.2	0.7	20.3	1.02	27.93
48.0-49.0	9.1	0.7	21.0	1.03	28.97
49.0-50.0	9.1	0.8	21.8	1.04	30.01
50.0-51.0	9.0	0.8	22.5	1.05	31.06
51.0-52.0	9.0	0.8	23.3	1.06	32.12
52.0-53.0	8.9	0.8	24.1	1.07	33.19
53.0-54.0	8.8	0.8	24.9	1.08	34.27
54.0-55.0	8.8	0.8	25.6	1.08	35.35
55.0-56.0	8.7	0.8	26.4	1.09	36.44
56.0-57.0	8.7	0.8	27.2	1.09	37.53
57.0-58.0	8.6	0.8	28.0	1.10	38.62
58.0-59.0	8.5	0.8	28.8	1.10	39.73
59.0-60.0	8.4	0.8	29.6	1.10	40.83
60.0-61.0	8.4	0.8	30.4	1.10	41.93
61.0-62.0	8.3	0.8	31.2	1.10	43.03
62.0-63.0	8.2	0.8	32.0	1.10	44.13
63.0-64.0	8.2	0.8	32.8	1.10	45.24
64.0-65.0	8.1	0.8	33.6	1.10	46.34
65.0-66.0	8.0	0.8	34.4	1.10	47.44
66.0-67.0	7.9	0.8	35.2	1.10	48.53
67.0-68.0	7.8	0.8	36.0	1.09	49.63
68.0-69.0	7.8	0.8	36.8	1.09	50.72
69.0-70.0	7.7	0.8	37.6	1.09	51.80
70.0-71.0	7.6	0.8	38.4	1.08	52.88
71.0-72.0	7.5	0.8	39.1	1.07	53.96

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

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	7.4	0.8	39.9	1.07	55.02
73.0-74.0	7.3	0.8	40.7	1.06	56.09
74.0-75.0	7.2	0.8	41.4	1.05	57.14
75.0-76.0	7.1	0.8	42.2	1.04	58.18
76.0-77.0	7.0	0.7	43.0	1.03	59.22
77.0-78.0	6.9	0.7	43.7	1.03	60.24
78.0-79.0	6.9	0.7	44.4	1.02	61.26
79.0-80.0	6.8	0.7	45.2	1.01	62.27
80.0-81.0	6.7	0.7	45.9	1.00	63.27
81.0-82.0	6.6	0.7	46.6	0.99	64.26
82.0-83.0	6.5	0.7	47.3	0.98	65.24
83.0-84.0	6.4	0.7	48.0	0.97	66.21
84.0-85.0	6.4	0.7	48.7	0.96	67.16
85.0-86.0	6.3	0.7	49.4	0.95	68.11
86.0-87.0	6.2	0.7	50.1	0.94	69.05
87.0-88.0	6.1	0.7	50.8	0.93	69.98
88.0-89.0	6.0	0.7	51.4	0.91	70.89
89.0-90.0	6.0	0.7	52.1	0.90	71.79
90.0-91.0	5.9	0.6	52.7	0.89	72.68
91.0-92.0	5.8	0.6	53.4	0.88	73.56
92.0-93.0	5.8	0.6	54.0	0.87	74.44
93.0-94.0	5.7	0.6	54.6	0.86	75.30
94.0-95.0	5.6	0.6	55.2	0.85	76.15
95.0-96.0	5.6	0.6	55.8	0.84	76.99
96.0-97.0	5.5	0.6	56.4	0.83	77.82
97.0-98.0	5.4	0.6	57.0	0.82	78.63
98.0-99.0	5.4	0.6	57.6	0.81	79.44
99.0-100.0	5.3	0.6	58.2	0.80	80.24
100.0-101.0	5.3	0.6	58.8	0.78	81.02
101.0-102.0	5.2	0.6	59.3	0.77	81.79
102.0-103.0	5.1	0.5	59.9	0.76	82.54
103.0-104.0	5.0	0.5	60.4	0.74	83.28
104.0-105.0	5.0	0.5	60.9	0.73	84.01
105.0-106.0	4.9	0.5	61.5	0.71	84.72
106.0-107.0	4.8	0.5	62.0	0.69	85.41
107.0-108.0	4.7	0.5	62.5	0.68	86.09

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

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	4.6	0.5	62.9	0.66	86.75
109.0-110.0	4.5	0.5	63.4	0.64	87.39
110.0-111.0	4.4	0.5	63.8	0.63	88.02
111.0-112.0	4.3	0.4	64.3	0.61	88.63
112.0-113.0	4.2	0.4	64.7	0.59	89.22
113.0-114.0	4.1	0.4	65.1	0.57	89.79
114.0-115.0	4.0	0.4	65.5	0.55	90.34
115.0-116.0	3.9	0.4	65.9	0.53	90.87
116.0-117.0	3.8	0.4	66.3	0.51	91.38
117.0-118.0	3.7	0.4	66.6	0.49	91.88
118.0-119.0	3.6	0.3	67.0	0.47	92.35
119.0-120.0	3.5	0.3	67.3	0.46	92.80
120.0-121.0	3.4	0.3	67.6	0.44	93.24
121.0-122.0	3.2	0.3	67.9	0.42	93.66
122.0-123.0	3.1	0.3	68.2	0.40	94.06
123.0-124.0	3.0	0.3	68.5	0.38	94.44
124.0-125.0	2.9	0.3	68.8	0.36	94.80
125.0-126.0	2.8	0.3	69.0	0.35	95.15
126.0-127.0	2.7	0.2	69.3	0.33	95.48
127.0-128.0	2.6	0.2	69.5	0.32	95.80
128.0-129.0	2.5	0.2	69.7	0.30	96.10
129.0-130.0	2.4	0.2	69.9	0.28	96.38
130.0-131.0	2.3	0.2	70.1	0.27	96.65
131.0-132.0	2.2	0.2	70.3	0.25	96.90
132.0-133.0	2.1	0.2	70.5	0.23	97.13
133.0-134.0	2.0	0.2	70.6	0.22	97.35
134.0-135.0	1.9	0.2	70.8	0.21	97.56
135.0-136.0	1.8	0.1	70.9	0.20	97.76
136.0-137.0	1.8	0.1	71.0	0.18	97.94
137.0-138.0	1.7	0.1	71.2	0.17	98.11
138.0-139.0	1.6	0.1	71.3	0.16	98.28
139.0-140.0	1.5	0.1	71.4	0.15	98.43
140.0-141.0	1.5	0.1	71.5	0.14	98.57
141.0-142.0	1.4	0.1	71.6	0.13	98.70
142.0-143.0	1.3	0.1	71.7	0.12	98.82
143.0-144.0	1.2	0.1	71.8	0.11	98.93

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

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	1.1	0.1	71.8	0.10	99.03
145.0-146.0	1.1	0.1	71.9	0.09	99.12
146.0-147.0	1.0	0.1	72.0	0.08	99.20
147.0-148.0	0.9	0.1	72.0	0.08	99.28
148.0-149.0	0.9	0.1	72.1	0.07	99.35
149.0-150.0	0.8	0.0	72.1	0.06	99.41
150.0-151.0	0.8	0.0	72.2	0.06	99.47
151.0-152.0	0.7	0.0	72.2	0.05	99.53
152.0-153.0	0.7	0.0	72.2	0.05	99.57
153.0-154.0	0.6	0.0	72.3	0.04	99.62
154.0-155.0	0.6	0.0	72.3	0.04	99.66
155.0-156.0	0.6	0.0	72.3	0.04	99.69
156.0-157.0	0.6	0.0	72.3	0.03	99.73
157.0-158.0	0.5	0.0	72.4	0.03	99.76
158.0-159.0	0.5	0.0	72.4	0.03	99.79
159.0-160.0	0.5	0.0	72.4	0.03	99.82
160.0-161.0	0.5	0.0	72.4	0.02	99.84
161.0-162.0	0.5	0.0	72.4	0.02	99.86
162.0-163.0	0.5	0.0	72.5	0.02	99.88
163.0-164.0	0.4	0.0	72.5	0.02	99.90
164.0-165.0	0.4	0.0	72.5	0.02	99.92
165.0-166.0	0.4	0.0	72.5	0.01	99.93
166.0-167.0	0.4	0.0	72.5	0.01	99.95
167.0-168.0	0.3	0.0	72.5	0.01	99.96
168.0-169.0	0.3	0.0	72.5	0.01	99.97
169.0-170.0	0.3	0.0	72.5	0.01	99.97
170.0-171.0	0.3	0.0	72.5	0.01	99.98
171.0-172.0	0.2	0.0	72.5	0.01	99.98
172.0-173.0	0.2	0.0	72.5	0.00	99.99
173.0-174.0	0.2	0.0	72.5	0.00	99.99
174.0-175.0	0.2	0.0	72.5	0.00	100.00
175.0-176.0	0.2	0.0	72.5	0.00	100.00
176.0-177.0	0.1	0.0	72.5	0.00	100.00
177.0-178.0	0.1	0.0	72.5	0.00	100.00
178.0-179.0	0.1	0.0	72.5	0.00	100.00
179.0-180.0	0.1	0.0	72.5	0.00	100.00

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

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