

Report No.:

Test Time: 2021/11/17 11:47

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: COB RIBBONLYTE

Lamp Catalog: FCOB-24V-D480-4000-10W-8MM-IP67 RA>90

Lamp Description: 4000K

Luminous Length (mm): 500

Luminous Height (mm): 1.5

Current: 0.226 A

Power Factor: 1.000

Luminaire Description: RB90LINEA673.040

Number of Lamps: 480/M

Luminous Width (mm): 8

Voltage: 24.0 V

Power: 5.43 W

Photometric Results

CIE Class: Direct

Measurement Flux: 393.9 lm

Downward Ratio: 95%

Horizontal Diffuse Angle(10%,50%): H155.8,H111.5

Vertical Diffuse Angle(10%,50%): V207.4,V129.1

Luminaire Efficacy Rating (LER): 73

Max. Intensity: 118.37 cd

Total Rated Lamp Lumens: 393.9 lm

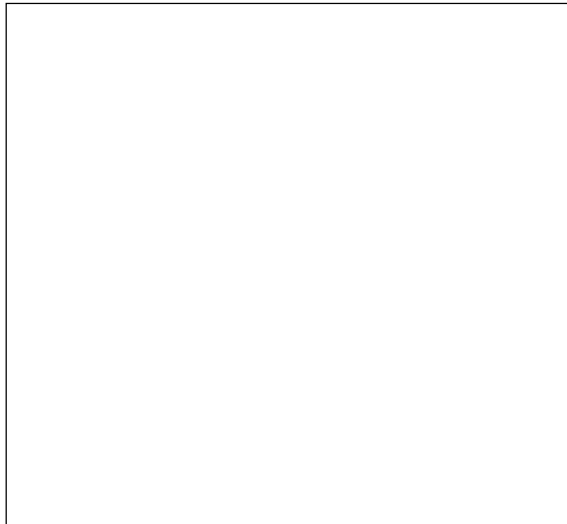
Efficiency: 100%

Upward Ratio: 5%

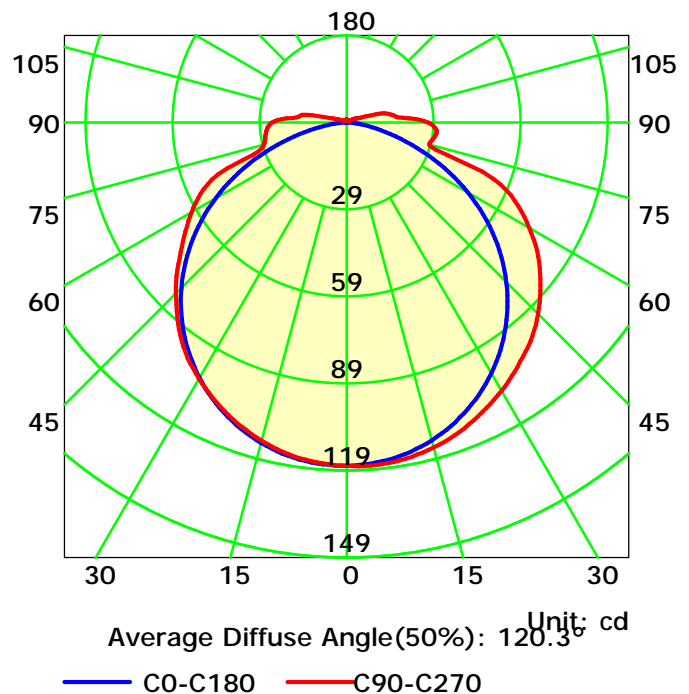
Central Intensity: 118.12 cd

Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



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

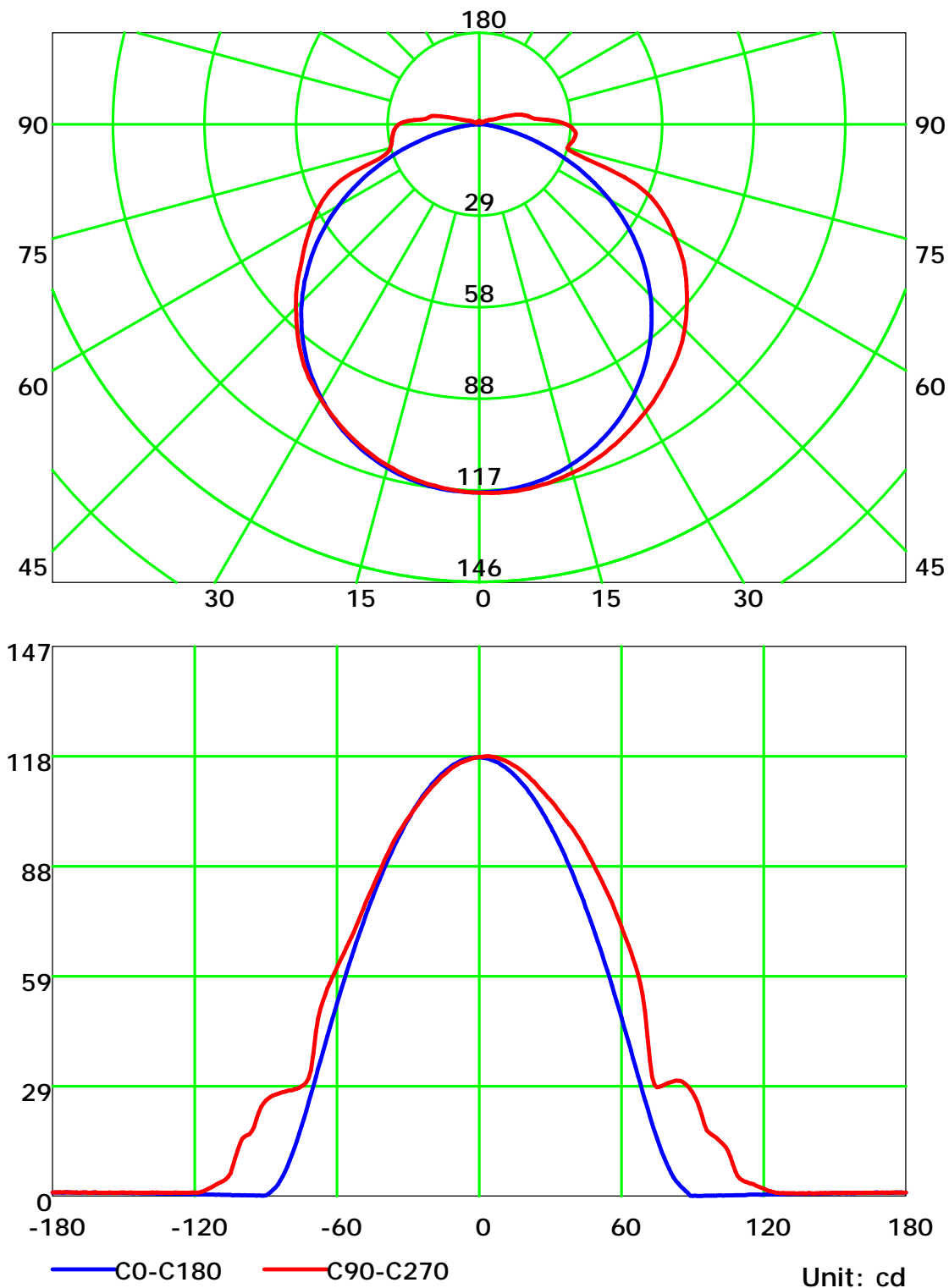
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Luminous Intensity Distribution Curve

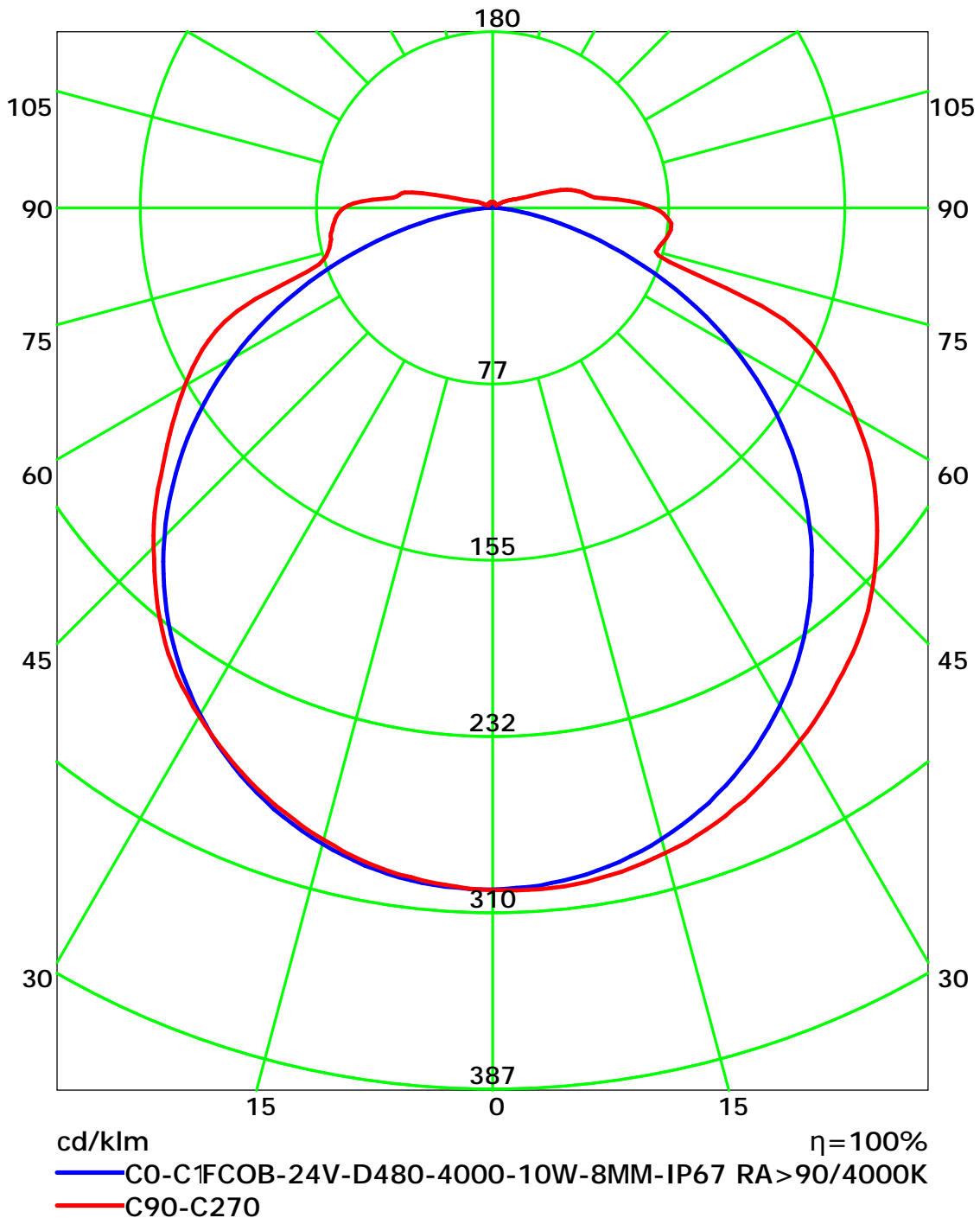


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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



Luminous Intensity Distribution Curve(cd/klm)



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:

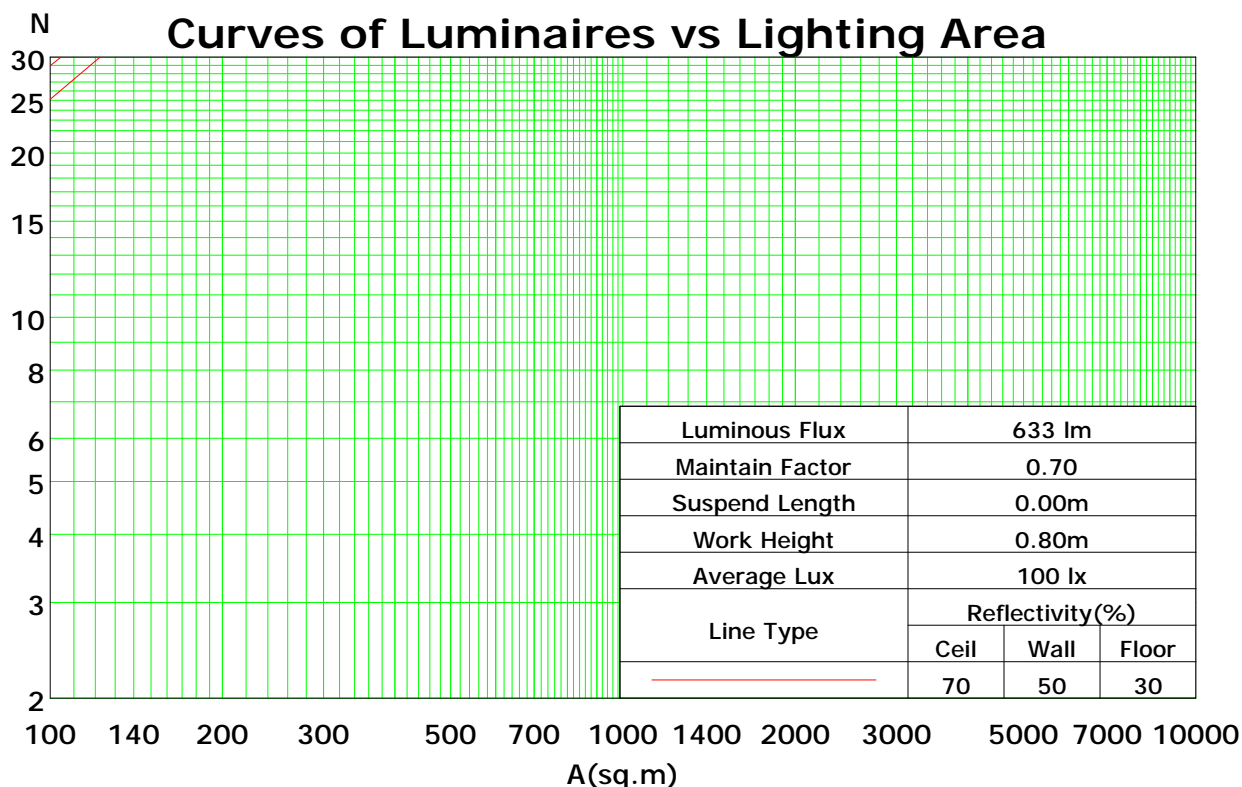
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	108	108	108	103	103	103	97	97	97	95
1	106	101	96	92	103	98	94	90	93	89	86	88	85	83	84	81	79	77
2	96	87	80	74	93	85	78	73	81	75	70	77	72	68	73	69	66	63
3	87	76	68	61	84	74	66	60	71	64	58	67	61	57	64	59	55	53
4	80	67	58	51	77	66	57	51	63	55	49	60	53	48	57	51	47	45
5	73	60	51	44	71	59	50	43	56	48	42	53	47	42	51	45	41	38
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	36	33
7	63	49	40	33	61	48	39	33	46	38	33	44	37	32	42	36	31	29
8	58	44	36	30	56	43	35	30	42	34	29	40	33	29	39	33	28	26
9	54	41	32	27	53	40	32	26	38	31	26	37	30	26	36	30	25	23
10	51	37	29	24	49	37	29	24	35	28	24	34	28	23	33	27	23	21

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.31

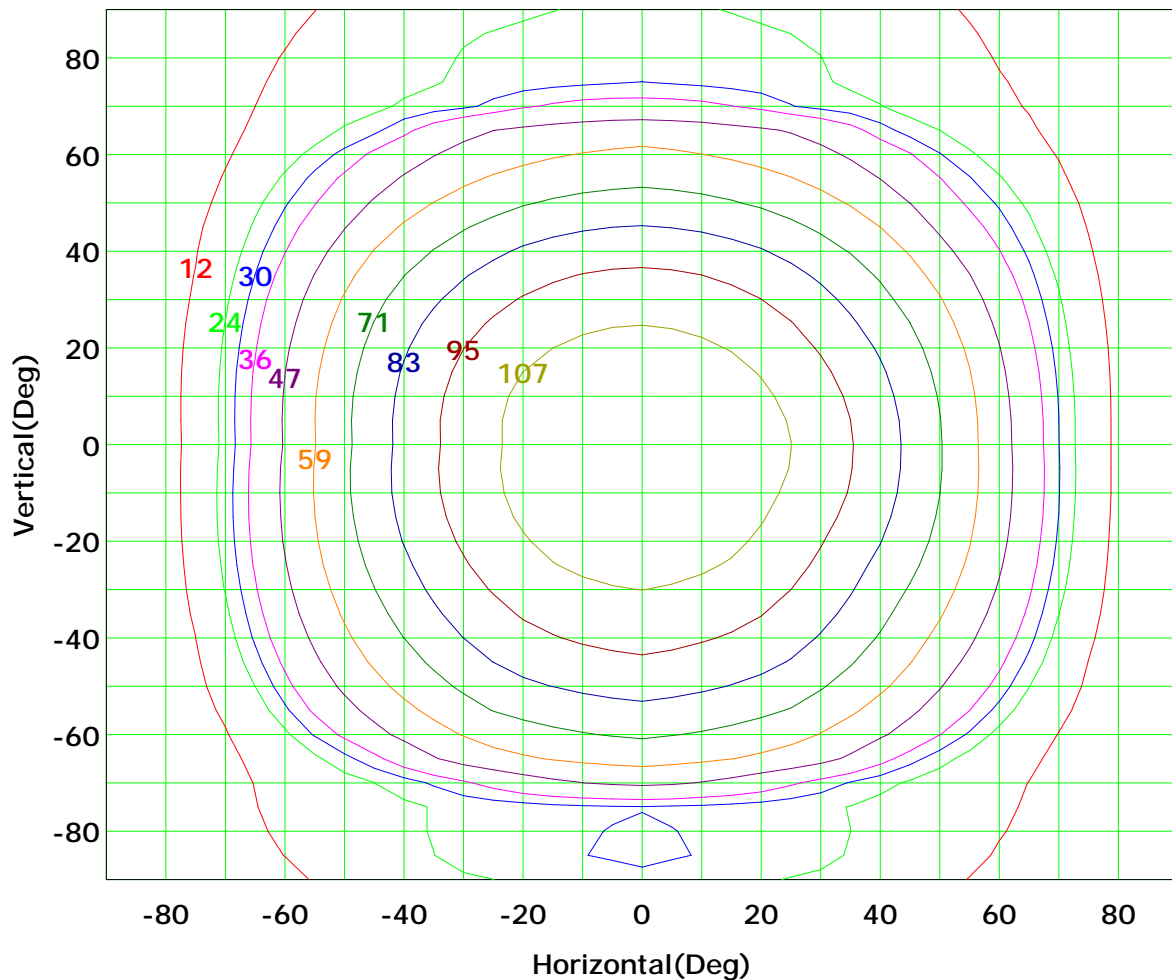
Spacing Criteria (Diagonal): 1.42



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)



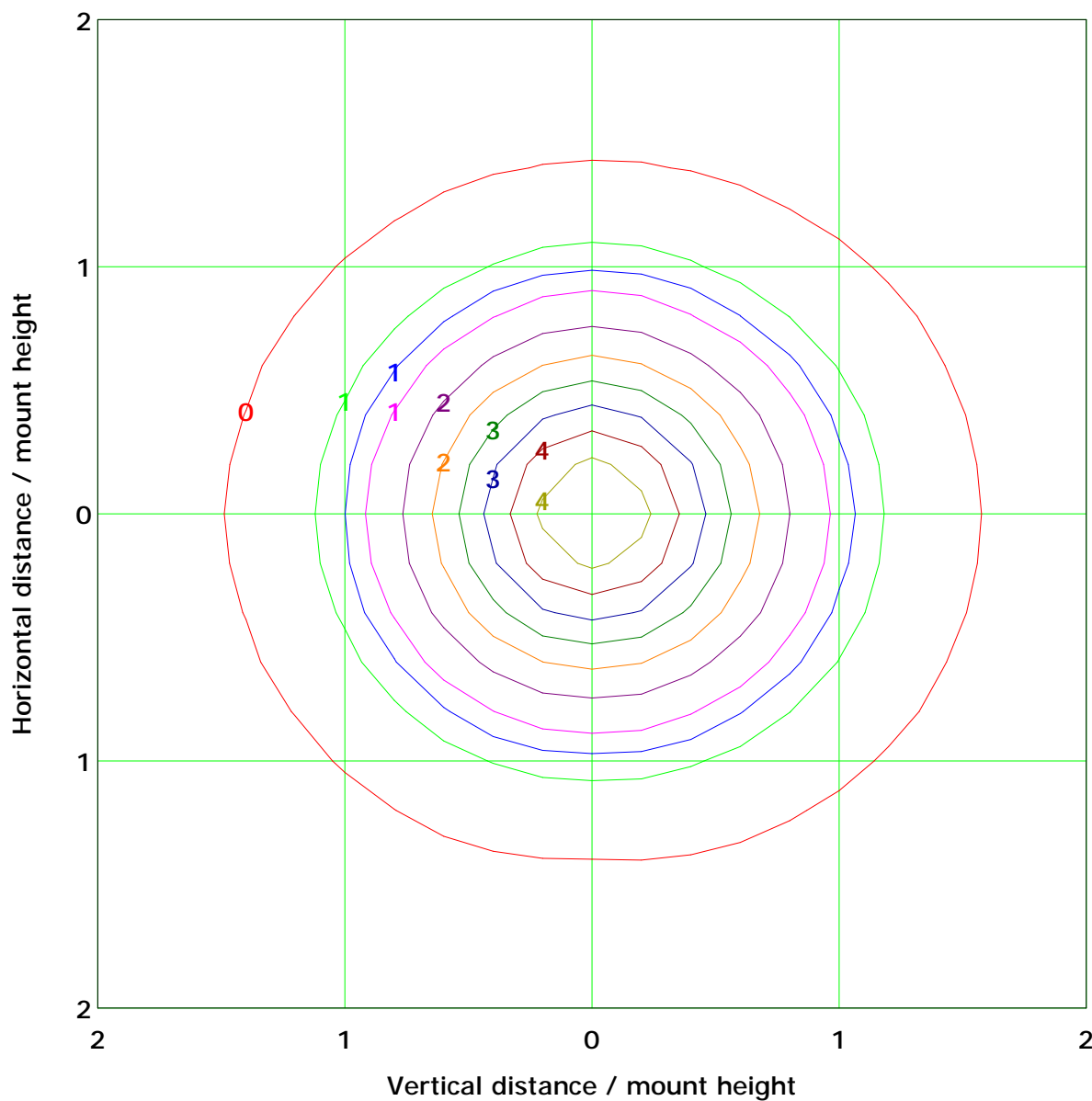
I_{max} (100%): 118 cd

(10%):	12 cd	(20%):	24 cd
(25%):	30 cd	(30%):	36 cd
(40%):	47 cd	(50%):	59 cd
(60%):	71 cd	(70%):	83 cd
(80%):	95 cd	(90%):	107 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%): 4.7 lx

(10%): 0.5 lx	(20%): 0.9 lx
(25%): 1.2 lx	(30%): 1.4 lx
(40%): 1.9 lx	(50%): 2.4 lx
(60%): 2.8 lx	(70%): 3.3 lx
(80%): 3.8 lx	(90%): 4.3 lx

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

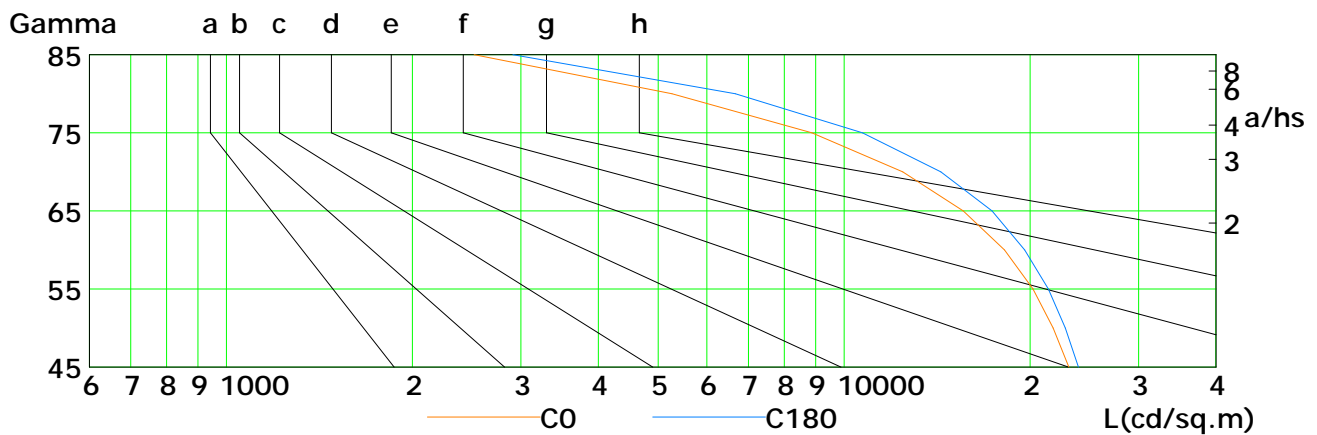
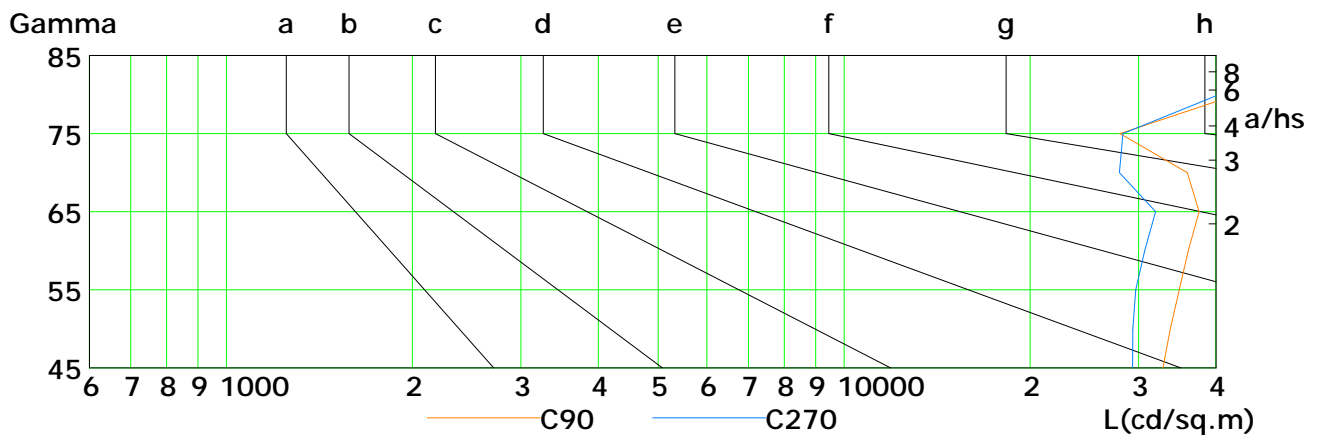
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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

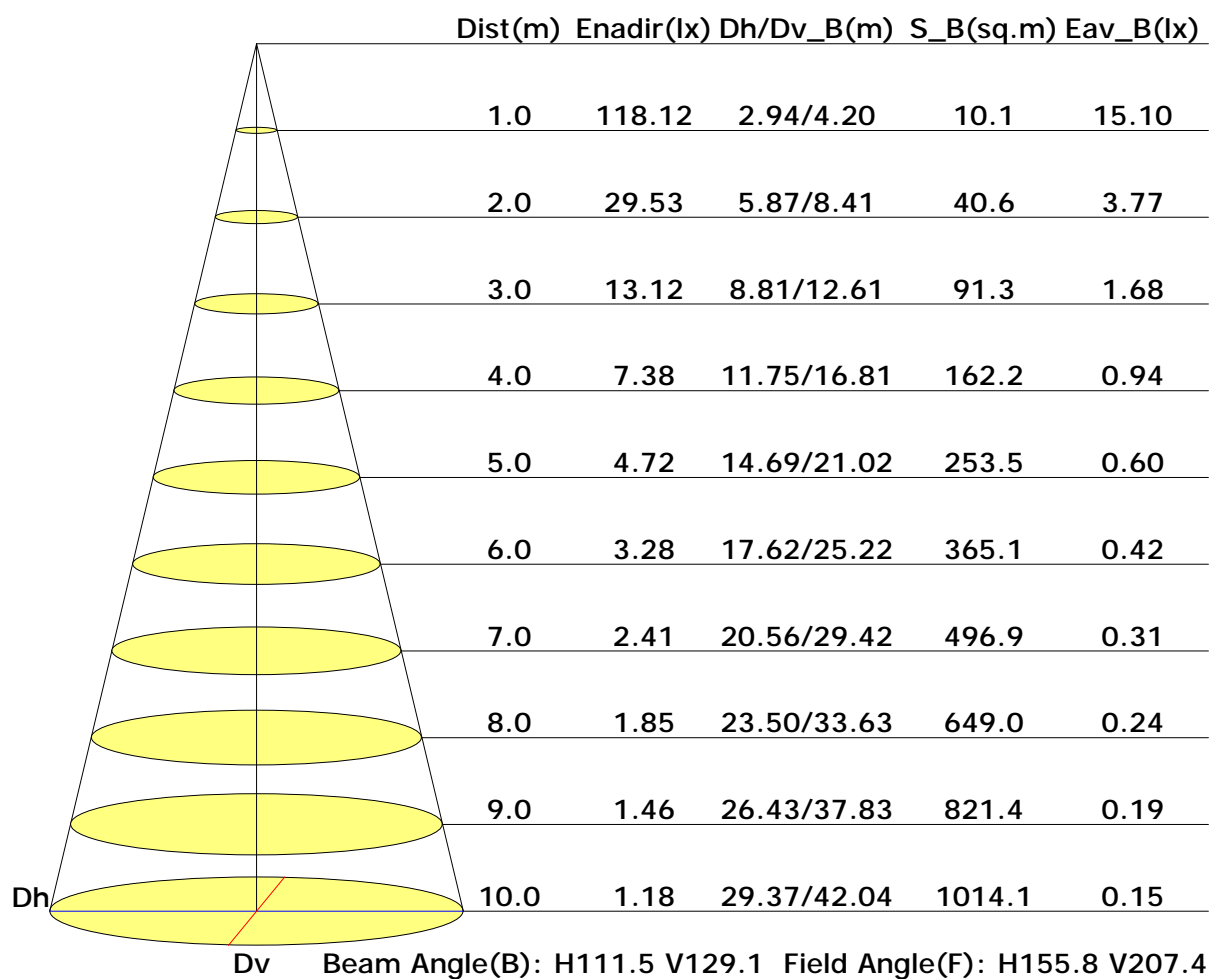


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	23128	21817	20226	18181	15594	12451	8871	5268	2519
C90	32835	33736	34907	36063	37558	35944	27998	43261	86251
C180	23961	22806	21408	19611	17357	14338	10712	6670	2911
C270	29331	29357	29651	30656	31951	27904	28294	40430	76461

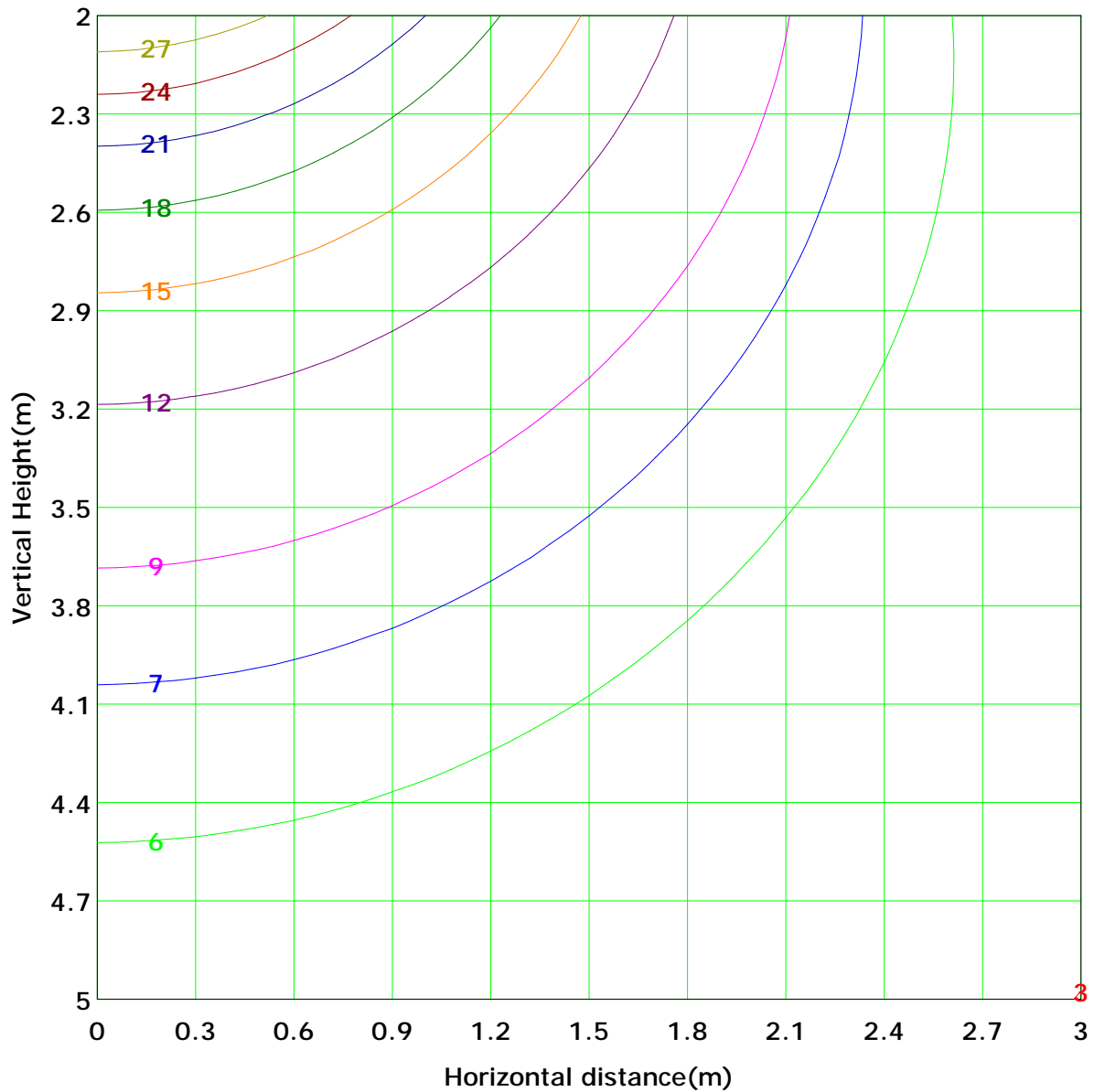
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 29.5 lx
(10%): 3.0 lx	(20%): 5.9 lx	
(25%): 7.4 lx	(30%): 8.9 lx	
(40%): 11.8 lx	(50%): 14.8 lx	
(60%): 17.7 lx	(70%): 20.7 lx	
(80%): 23.6 lx	(90%): 26.6 lx	

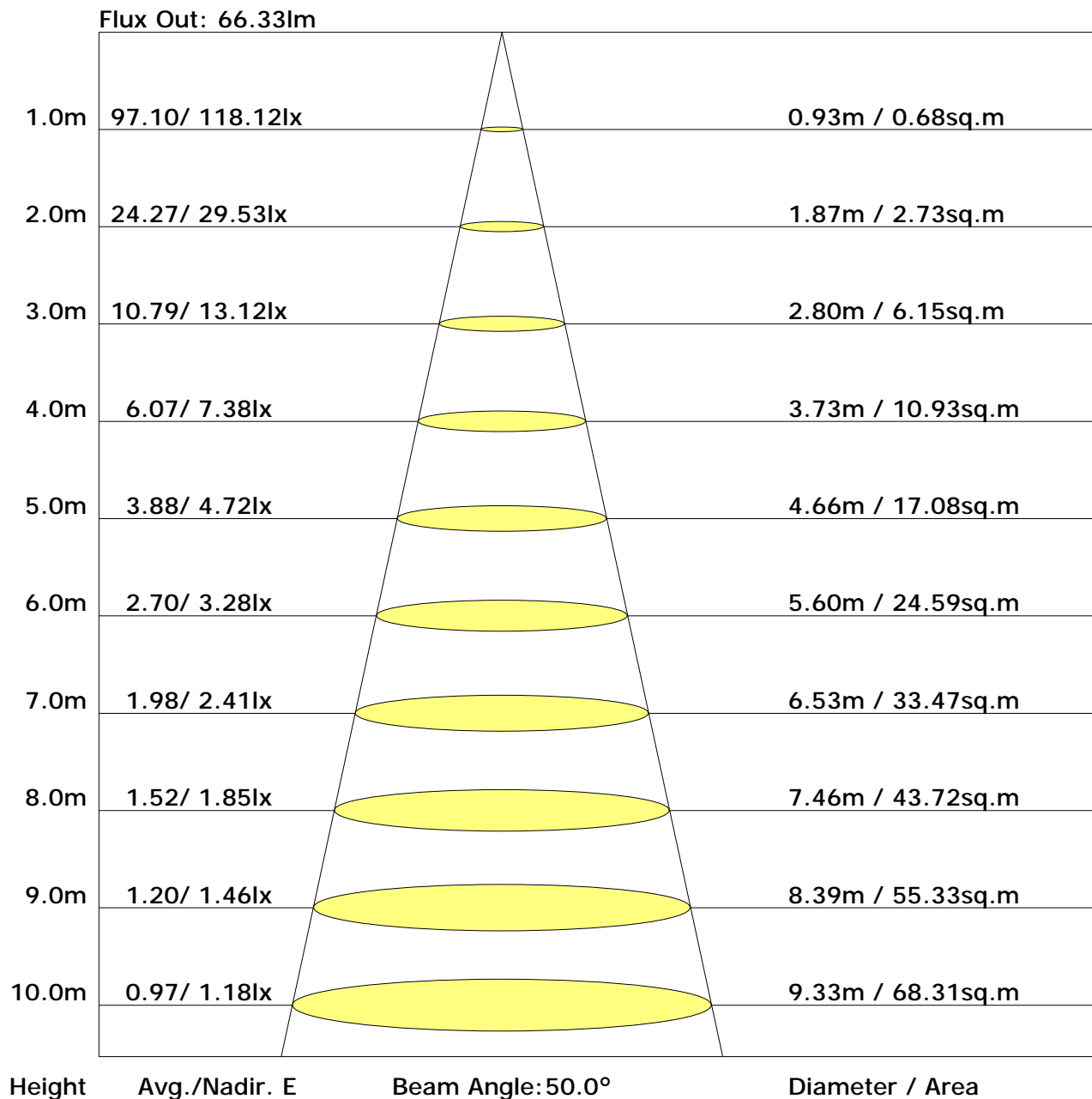
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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

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: Kerr

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	25.9	27.5	26.4	27.9	28.3	27.1	28.7	27.5	29.1	29.5
3H	27.4	28.9	27.9	29.3	29.8	29.2	30.6	29.6	31.1	31.5
4H	27.9	29.2	28.4	29.7	30.2	29.6	31.0	30.1	31.4	31.9
6H	28.1	29.4	28.6	29.8	30.3	30.2	31.5	30.7	31.9	32.4
8H	28.2	29.4	28.7	29.8	30.4	30.6	31.9	31.1	32.3	32.8
12H	28.2	29.3	28.7	29.8	30.4	31.2	32.3	31.7	32.8	33.3
X=4H Y=2H	26.7	28.0	27.1	28.5	29.0	27.7	29.0	28.2	29.5	30.0
3H	28.4	29.6	28.9	30.1	30.6	29.9	31.1	30.4	31.6	32.1
4H	29.0	30.0	29.5	30.5	31.1	30.4	31.5	31.0	32.0	32.5
6H	29.3	30.2	29.8	30.7	31.3	31.2	32.2	31.8	32.7	33.3
8H	29.4	30.3	29.9	30.8	31.4	31.8	32.6	32.3	33.2	33.7
12H	29.5	30.3	30.0	30.8	31.4	32.4	33.2	33.0	33.8	34.4
X=8H Y=4H	29.3	30.2	29.8	30.7	31.3	30.6	31.5	31.2	32.0	32.6
6H	29.7	30.5	30.3	31.1	31.6	31.6	32.4	32.2	32.9	33.5
8H	30.0	30.6	30.5	31.2	31.8	32.4	33.0	32.9	33.6	34.2
12H	30.2	30.7	30.7	31.3	32.0	33.3	33.8	33.8	34.4	35.1
X=12H Y=4H	29.4	30.2	29.9	30.7	31.3	30.7	31.4	31.2	32.0	32.6
6H	29.9	30.6	30.5	31.1	31.8	31.7	32.4	32.3	32.9	33.6
8H	30.2	30.8	30.8	31.4	32.0	32.5	33.1	33.1	33.7	34.3

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 = 1.50								
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	0.56	0.64	0.72	0.77	0.84	0.89	0.92	0.97	1.00
	0.30		0.48	0.56	0.64	0.70	0.77	0.83	0.87	0.92	0.96
	0.20		0.43	0.51	0.58	0.64	0.72	0.78	0.82	0.88	0.92
0.50	0.50	0.20	0.54	0.62	0.69	0.73	0.80	0.84	0.88	0.92	0.95
	0.30		0.47	0.55	0.62	0.67	0.75	0.80	0.83	0.88	0.91
	0.20		0.42	0.50	0.57	0.62	0.70	0.75	0.79	0.85	0.88
0.30	0.50	0.20	0.52	0.59	0.66	0.70	0.76	0.80	0.83	0.87	0.90
	0.30		0.46	0.53	0.60	0.65	0.72	0.76	0.80	0.84	0.87
	0.20		0.41	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
0.00	0.00	0.00	0.39	0.46	0.52	0.57	0.64	0.68	0.72	0.76	0.79
Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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	0.97	0.83	0.71	0.62	0.50	0.42	0.37	0.29	0.24	
	0.30		0.81	0.71	0.62	0.55	0.45	0.39	0.34	0.27	0.23	
	0.20		0.70	0.62	0.55	0.49	0.41	0.36	0.32	0.26	0.22	
0.50	0.50	0.20	0.93	0.79	0.67	0.59	0.48	0.43	0.35	0.28	0.23	
	0.30		0.79	0.69	0.60	0.53	0.44	0.37	0.33	0.26	0.22	
	0.20		0.68	0.61	0.53	0.48	0.40	0.35	0.31	0.25	0.21	
0.30	0.50	0.20	0.89	0.76	0.64	0.56	0.45	0.38	0.33	0.26	0.22	
	0.30		0.76	0.67	0.57	0.51	0.42	0.36	0.31	0.25	0.21	
	0.20		0.67	0.59	0.52	0.47	0.39	0.33	0.29	0.24	0.20	
0.00	0.00	0.00	0.56	0.49	0.43	0.38	0.31	0.27	0.23	0.19	0.16	
Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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	0.21	0.22	0.23	0.24	0.25	0.25	0.26	0.26	0.26
	0.30		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24
	0.20		0.09	0.11	0.12	0.13	0.15	0.17	0.18	0.20	0.21
0.50	0.50	0.20	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.25
	0.30		0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.23
	0.20		0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20
0.30	0.50	0.20	0.19	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.24
	0.30		0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.20
0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	118.2	0.1	0.1	0.03	0.03
1.0-2.0	118.1	0.3	0.5	0.09	0.11
2.0-3.0	118.1	0.6	1.0	0.14	0.26
3.0-4.0	118.0	0.8	1.8	0.20	0.46
4.0-5.0	117.8	1.0	2.8	0.26	0.72
5.0-6.0	117.7	1.2	4.1	0.31	1.03
6.0-7.0	117.5	1.5	5.5	0.37	1.40
7.0-8.0	117.2	1.7	7.2	0.43	1.83
8.0-9.0	117.0	1.9	9.1	0.48	2.31
9.0-10.0	116.6	2.1	11.2	0.54	2.84
10.0-11.0	116.3	2.3	13.5	0.59	3.43
11.0-12.0	115.9	2.5	16.1	0.64	4.08
12.0-13.0	115.4	2.7	18.8	0.70	4.77
13.0-14.0	115.0	2.9	21.7	0.75	5.52
14.0-15.0	114.5	3.1	24.9	0.80	6.32
15.0-16.0	113.9	3.3	28.2	0.85	7.17
16.0-17.0	113.4	3.5	31.8	0.90	8.06
17.0-18.0	112.7	3.7	35.5	0.94	9.01
18.0-19.0	112.1	3.9	39.4	0.99	10.00
19.0-20.0	111.4	4.1	43.4	1.04	11.03
20.0-21.0	110.7	4.3	47.7	1.08	12.11
21.0-22.0	109.9	4.4	52.1	1.12	13.23
22.0-23.0	109.2	4.6	56.7	1.16	14.40
23.0-24.0	108.4	4.7	61.4	1.20	15.60
24.0-25.0	107.5	4.9	66.3	1.24	16.84
25.0-26.0	106.6	5.0	71.4	1.28	18.12
26.0-27.0	105.7	5.2	76.5	1.31	19.43
27.0-28.0	104.8	5.3	81.8	1.35	20.78
28.0-29.0	103.8	5.4	87.3	1.38	22.16
29.0-30.0	102.8	5.6	92.8	1.41	23.57
30.0-31.0	101.8	5.7	98.5	1.44	25.01
31.0-32.0	100.8	5.8	104.3	1.47	26.47
32.0-33.0	99.7	5.9	110.1	1.49	27.96
33.0-34.0	98.6	6.0	116.1	1.52	29.48
34.0-35.0	97.5	6.1	122.2	1.54	31.02
35.0-36.0	96.4	6.1	128.3	1.56	32.58

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	95.2	6.2	134.5	1.58	34.15
37.0-38.0	93.9	6.3	140.8	1.59	35.74
38.0-39.0	92.7	6.3	147.1	1.61	37.35
39.0-40.0	91.4	6.4	153.5	1.62	38.97
40.0-41.0	90.1	6.4	159.9	1.63	40.60
41.0-42.0	88.7	6.4	166.4	1.64	42.23
42.0-43.0	87.3	6.5	172.8	1.64	43.88
43.0-44.0	86.0	6.5	179.3	1.65	45.52
44.0-45.0	84.5	6.5	185.8	1.65	47.17
45.0-46.0	83.0	6.5	192.3	1.65	48.82
46.0-47.0	81.5	6.5	198.8	1.65	50.47
47.0-48.0	80.0	6.5	205.3	1.64	52.11
48.0-49.0	78.4	6.4	211.7	1.64	53.74
49.0-50.0	76.8	6.4	218.1	1.63	55.37
50.0-51.0	75.2	6.4	224.5	1.62	56.99
51.0-52.0	73.6	6.3	230.8	1.60	58.59
52.0-53.0	72.0	6.3	237.0	1.59	60.18
53.0-54.0	70.3	6.2	243.2	1.57	61.75
54.0-55.0	68.6	6.1	249.4	1.56	63.31
55.0-56.0	66.9	6.0	255.4	1.54	64.84
56.0-57.0	65.2	6.0	261.4	1.51	66.36
57.0-58.0	63.5	5.9	267.2	1.49	67.85
58.0-59.0	61.8	5.8	273.0	1.47	69.32
59.0-60.0	60.0	5.7	278.7	1.44	70.75
60.0-61.0	58.2	5.6	284.2	1.41	72.16
61.0-62.0	56.4	5.4	289.7	1.38	73.54
62.0-63.0	54.5	5.3	295.0	1.35	74.89
63.0-64.0	52.6	5.2	300.1	1.31	76.20
64.0-65.0	50.7	5.0	305.2	1.27	77.47
65.0-66.0	48.8	4.9	310.0	1.24	78.71
66.0-67.0	46.8	4.7	314.7	1.19	79.91
67.0-68.0	44.7	4.5	319.3	1.15	81.06
68.0-69.0	42.5	4.3	323.6	1.10	82.16
69.0-70.0	39.8	4.1	327.7	1.04	83.19
70.0-71.0	36.6	3.8	331.5	0.96	84.15
71.0-72.0	32.9	3.4	334.9	0.87	85.02

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	29.7	3.1	338.0	0.79	85.81
73.0-74.0	27.2	2.9	340.9	0.73	86.54
74.0-75.0	25.1	2.7	343.5	0.67	87.21
75.0-76.0	23.3	2.5	346.0	0.63	87.84
76.0-77.0	21.9	2.3	348.3	0.59	88.43
77.0-78.0	20.8	2.2	350.5	0.57	89.00
78.0-79.0	20.1	2.2	352.7	0.55	89.54
79.0-80.0	19.5	2.1	354.8	0.53	90.08
80.0-81.0	19.1	2.1	356.9	0.52	90.60
81.0-82.0	18.8	2.0	358.9	0.52	91.12
82.0-83.0	18.5	2.0	360.9	0.51	91.63
83.0-84.0	18.3	2.0	362.9	0.50	92.14
84.0-85.0	17.9	2.0	364.9	0.50	92.63
85.0-86.0	17.5	1.9	366.8	0.48	93.12
86.0-87.0	17.0	1.9	368.6	0.47	93.59
87.0-88.0	16.5	1.8	370.4	0.46	94.05
88.0-89.0	16.0	1.7	372.2	0.44	94.49
89.0-90.0	15.3	1.7	373.9	0.43	94.92
90.0-91.0	14.6	1.6	375.5	0.41	95.33
91.0-92.0	13.8	1.5	377.0	0.38	95.71
92.0-93.0	12.7	1.4	378.4	0.35	96.07
93.0-94.0	11.6	1.3	379.7	0.32	96.39
94.0-95.0	10.4	1.1	380.8	0.29	96.68
95.0-96.0	9.6	1.0	381.8	0.26	96.94
96.0-97.0	9.0	1.0	382.8	0.25	97.19
97.0-98.0	8.5	0.9	383.7	0.24	97.42
98.0-99.0	8.1	0.9	384.6	0.22	97.65
99.0-100.0	7.7	0.8	385.4	0.21	97.86
100.0-101.0	7.1	0.8	386.2	0.19	98.05
101.0-102.0	6.4	0.7	386.9	0.17	98.23
102.0-103.0	5.6	0.6	387.5	0.15	98.38
103.0-104.0	4.9	0.5	388.0	0.13	98.51
104.0-105.0	4.1	0.4	388.5	0.11	98.62
105.0-106.0	3.5	0.4	388.8	0.09	98.72
106.0-107.0	3.0	0.3	389.1	0.08	98.80
107.0-108.0	2.6	0.3	389.4	0.07	98.87

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	2.3	0.2	389.7	0.06	98.93
109.0-110.0	2.1	0.2	389.9	0.05	98.98
110.0-111.0	1.9	0.2	390.1	0.05	99.03
111.0-112.0	1.7	0.2	390.2	0.04	99.07
112.0-113.0	1.6	0.2	390.4	0.04	99.11
113.0-114.0	1.4	0.1	390.5	0.04	99.15
114.0-115.0	1.3	0.1	390.7	0.03	99.18
115.0-116.0	1.2	0.1	390.8	0.03	99.21
116.0-117.0	1.1	0.1	390.9	0.03	99.24
117.0-118.0	1.0	0.1	391.0	0.03	99.27
118.0-119.0	1.0	0.1	391.1	0.02	99.29
119.0-120.0	0.9	0.1	391.2	0.02	99.31
120.0-121.0	0.9	0.1	391.3	0.02	99.33
121.0-122.0	0.8	0.1	391.3	0.02	99.35
122.0-123.0	0.8	0.1	391.4	0.02	99.37
123.0-124.0	0.8	0.1	391.5	0.02	99.39
124.0-125.0	0.8	0.1	391.5	0.02	99.41
125.0-126.0	0.8	0.1	391.6	0.02	99.42
126.0-127.0	0.8	0.1	391.7	0.02	99.44
127.0-128.0	0.8	0.1	391.8	0.02	99.46
128.0-129.0	0.8	0.1	391.8	0.02	99.47
129.0-130.0	0.8	0.1	391.9	0.02	99.49
130.0-131.0	0.8	0.1	391.9	0.02	99.51
131.0-132.0	0.8	0.1	392.0	0.02	99.52
132.0-133.0	0.8	0.1	392.1	0.02	99.54
133.0-134.0	0.8	0.1	392.1	0.02	99.56
134.0-135.0	0.8	0.1	392.2	0.02	99.57
135.0-136.0	0.8	0.1	392.3	0.02	99.59
136.0-137.0	0.8	0.1	392.3	0.02	99.60
137.0-138.0	0.8	0.1	392.4	0.02	99.62
138.0-139.0	0.9	0.1	392.5	0.02	99.64
139.0-140.0	0.9	0.1	392.5	0.02	99.65
140.0-141.0	0.9	0.1	392.6	0.02	99.67
141.0-142.0	0.9	0.1	392.6	0.02	99.68
142.0-143.0	0.9	0.1	392.7	0.01	99.70
143.0-144.0	0.9	0.1	392.7	0.01	99.71

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.9	0.1	392.8	0.01	99.73
145.0-146.0	0.9	0.1	392.9	0.01	99.74
146.0-147.0	0.9	0.1	392.9	0.01	99.75
147.0-148.0	0.9	0.1	393.0	0.01	99.77
148.0-149.0	0.9	0.1	393.0	0.01	99.78
149.0-150.0	0.9	0.1	393.1	0.01	99.79
150.0-151.0	0.9	0.0	393.1	0.01	99.81
151.0-152.0	0.9	0.0	393.2	0.01	99.82
152.0-153.0	0.9	0.0	393.2	0.01	99.83
153.0-154.0	0.9	0.0	393.3	0.01	99.84
154.0-155.0	0.9	0.0	393.3	0.01	99.85
155.0-156.0	0.9	0.0	393.3	0.01	99.86
156.0-157.0	1.0	0.0	393.4	0.01	99.87
157.0-158.0	1.0	0.0	393.4	0.01	99.88
158.0-159.0	1.0	0.0	393.5	0.01	99.89
159.0-160.0	1.0	0.0	393.5	0.01	99.90
160.0-161.0	1.0	0.0	393.5	0.01	99.91
161.0-162.0	1.0	0.0	393.6	0.01	99.92
162.0-163.0	1.0	0.0	393.6	0.01	99.93
163.0-164.0	1.0	0.0	393.6	0.01	99.94
164.0-165.0	1.0	0.0	393.7	0.01	99.94
165.0-166.0	1.0	0.0	393.7	0.01	99.95
166.0-167.0	1.0	0.0	393.7	0.01	99.96
167.0-168.0	1.0	0.0	393.7	0.01	99.96
168.0-169.0	1.0	0.0	393.8	0.01	99.97
169.0-170.0	1.0	0.0	393.8	0.01	99.97
170.0-171.0	1.0	0.0	393.8	0.00	99.98
171.0-172.0	1.0	0.0	393.8	0.00	99.98
172.0-173.0	1.0	0.0	393.8	0.00	99.99
173.0-174.0	1.0	0.0	393.9	0.00	99.99
174.0-175.0	1.0	0.0	393.9	0.00	99.99
175.0-176.0	1.0	0.0	393.9	0.00	100.00
176.0-177.0	1.0	0.0	393.9	0.00	100.00
177.0-178.0	1.1	0.0	393.9	0.00	100.00
178.0-179.0	1.0	0.0	393.9	0.00	100.00
179.0-180.0	1.0	0.0	393.9	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: