

Report No.:

Test Time: 2022/3/25 10:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: RIBBONLYTE

Lamp Catalog: 5050 RGBWW

Number of Lamps: 96LED/M

Luminous Width (mm): 12

Voltage: 24.0 V

Power: 2.92 W

Luminaire Description: 96LED RGBWW 5IN1

Lamp Description: BLUE

Luminous Length (mm): 500

Luminous Height (mm): 4

Current: 0.122 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 38.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H161.6,H115

Vertical Diffuse Angle(10%,50%): V161.2,V118.2

Luminaire Efficacy Rating (LER): 13

Max. Intensity: 12.95 cd

Total Rated Lamp Lumens: 38.9 lm

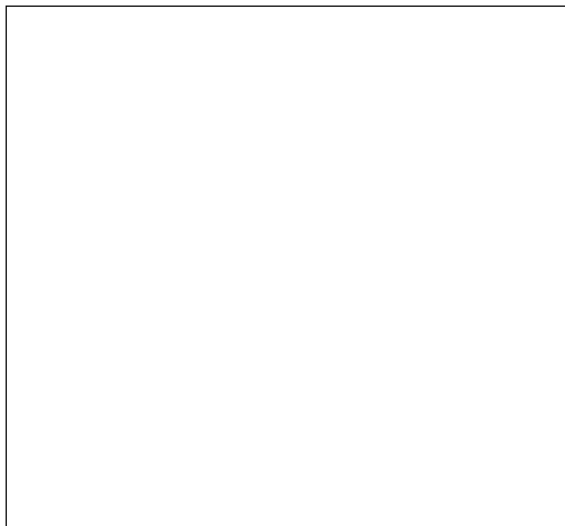
Efficiency: 100%

Upward Ratio: 1%

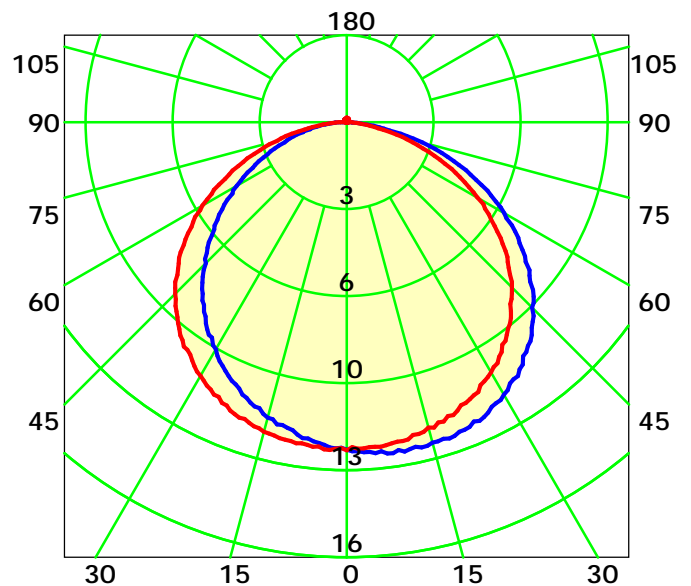
Central Intensity: 12.68 cd

Pos of Max. Intensity: H0 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.6° Unit: cd
— C0-C180 — C90-C270

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

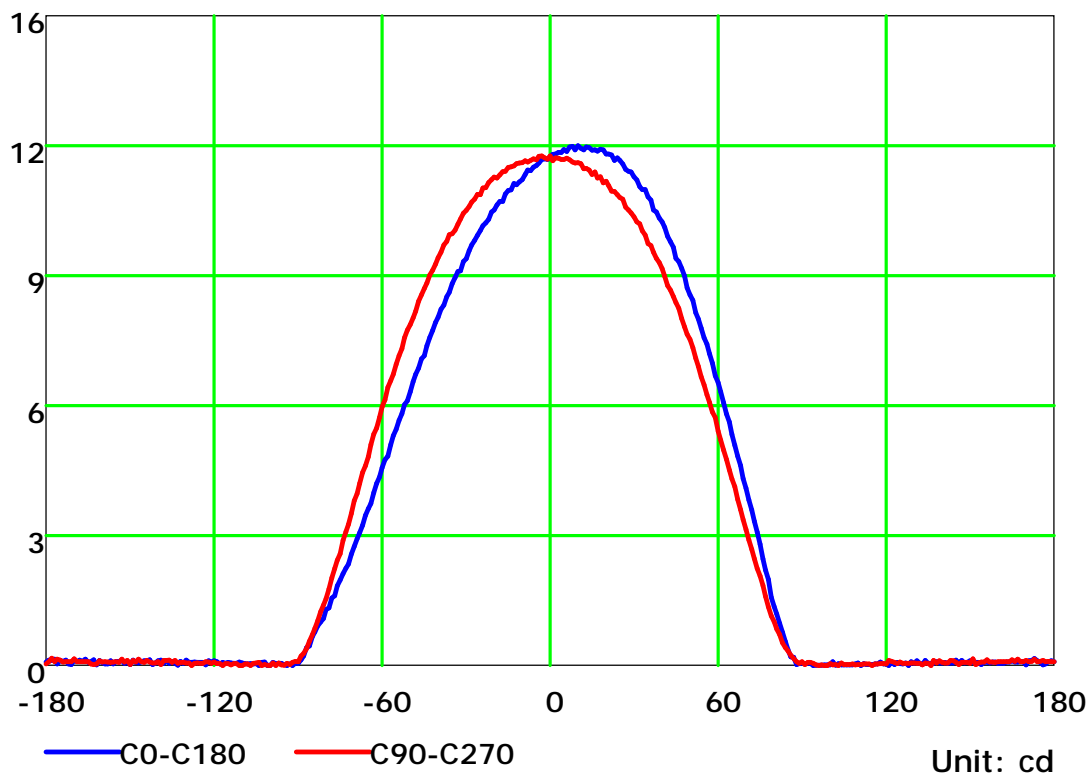
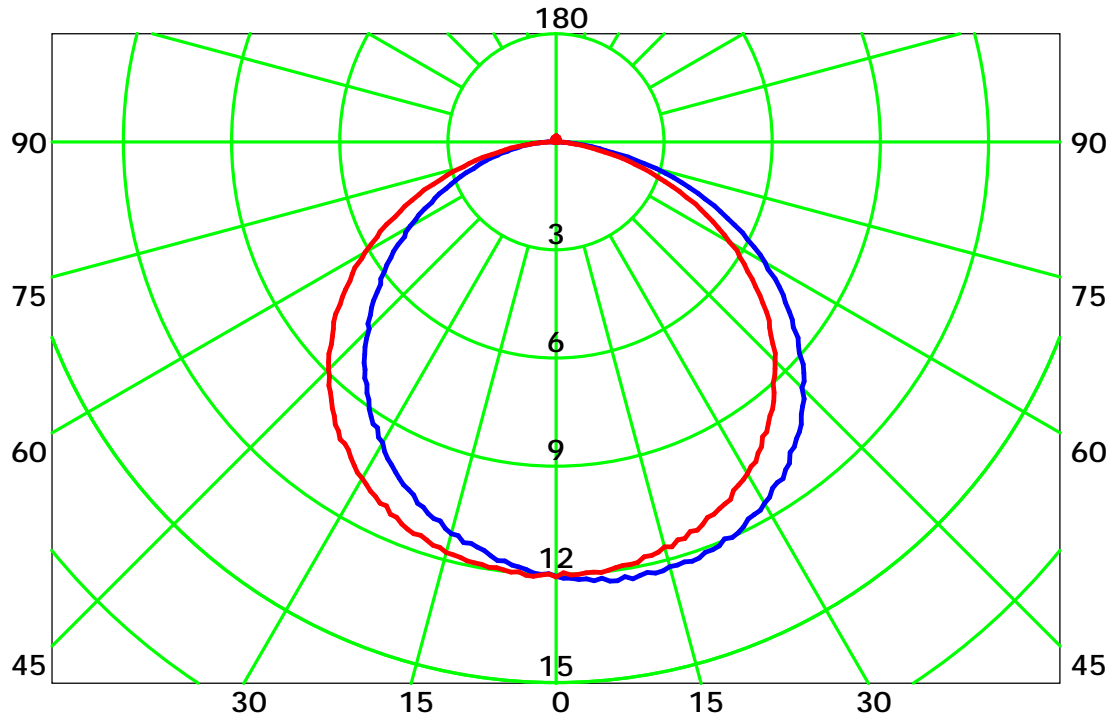
Distance: 9.028 m

Humidity: 60%

Inspector:



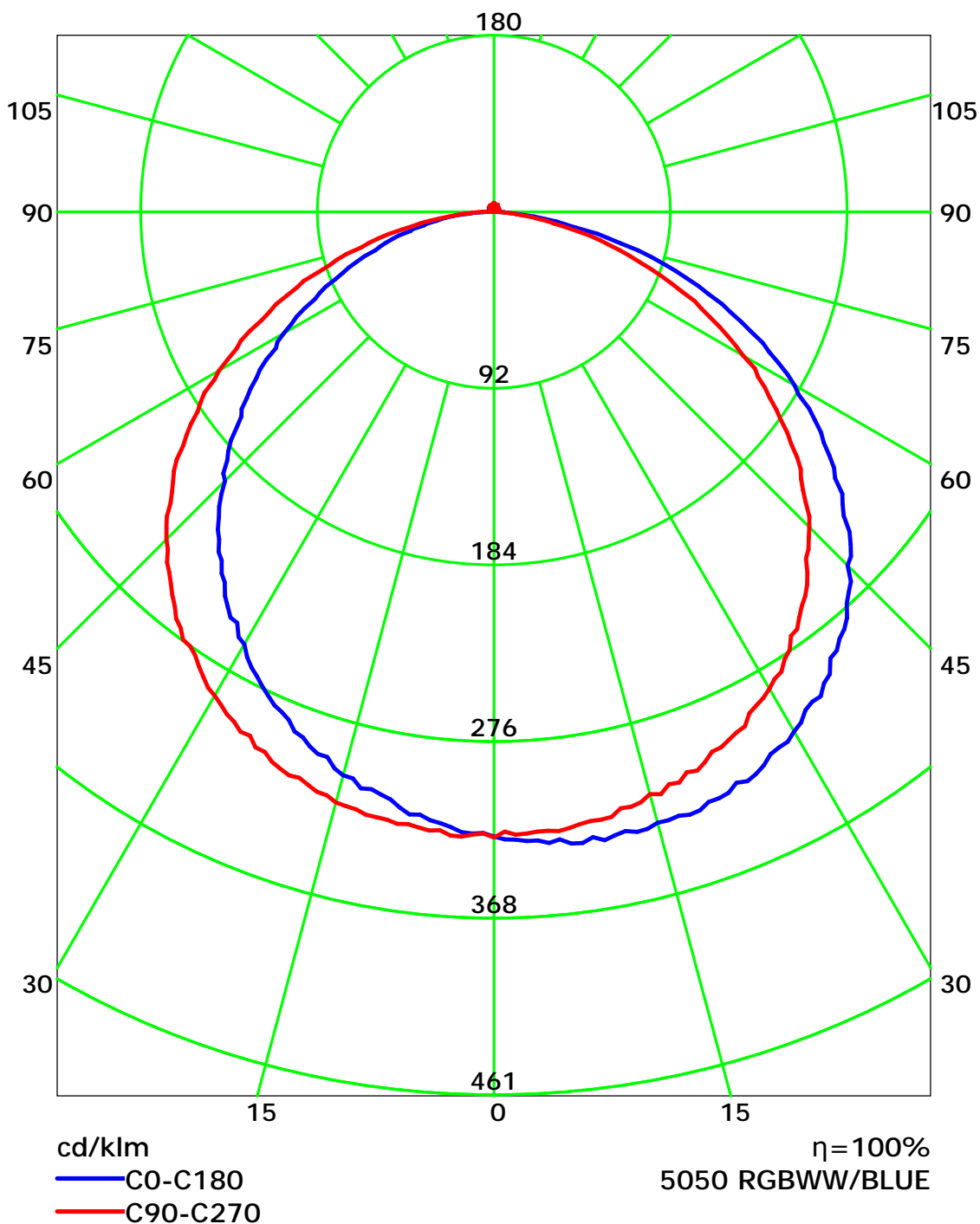
Luminous Intensity Distribution Curve



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:

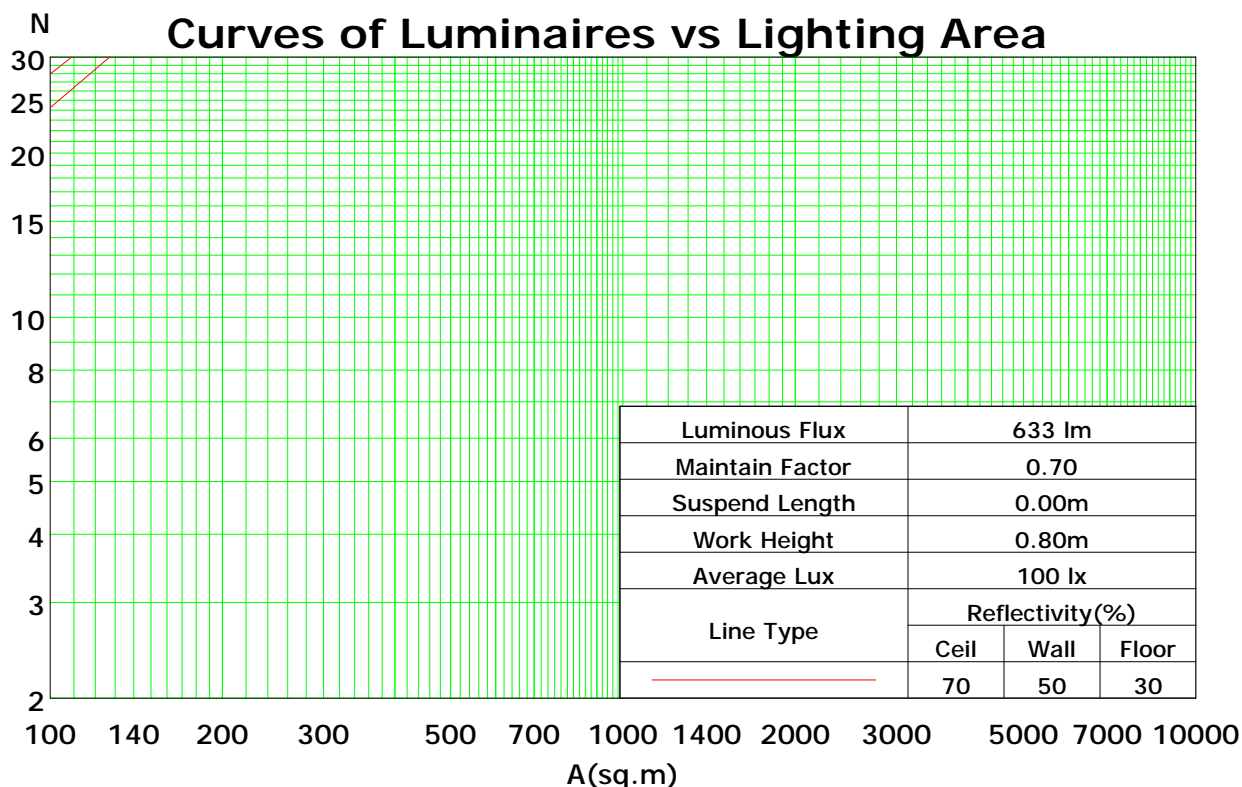
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	93	90	93	90	87	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68
3	89	79	71	64	87	77	69	63	74	67	62	71	65	61	68	64	60	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	37
7	64	51	42	35	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	32	28	38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.31

Spacing Criteria (90-270): 1.31

Spacing Criteria (Diagonal): 1.43



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

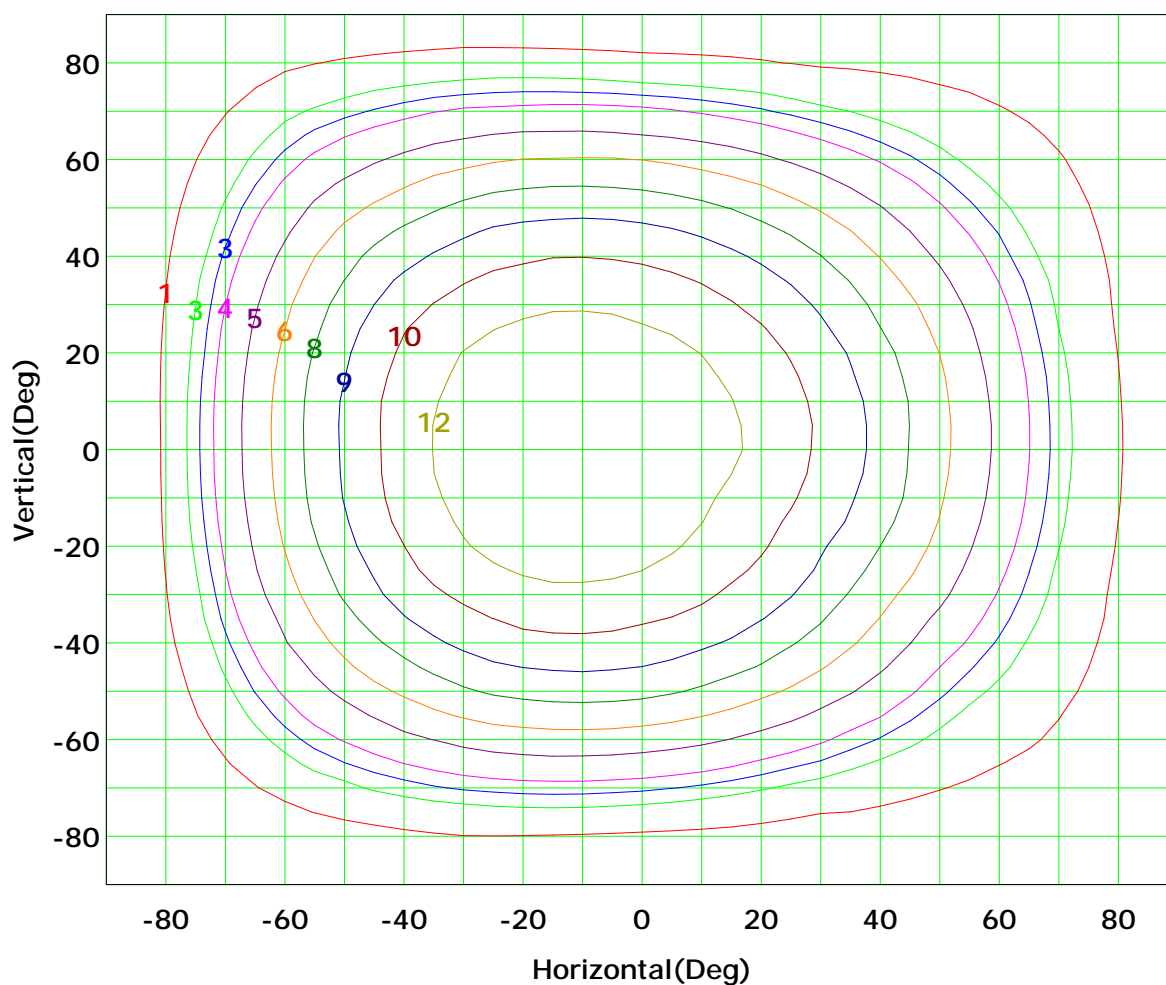
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



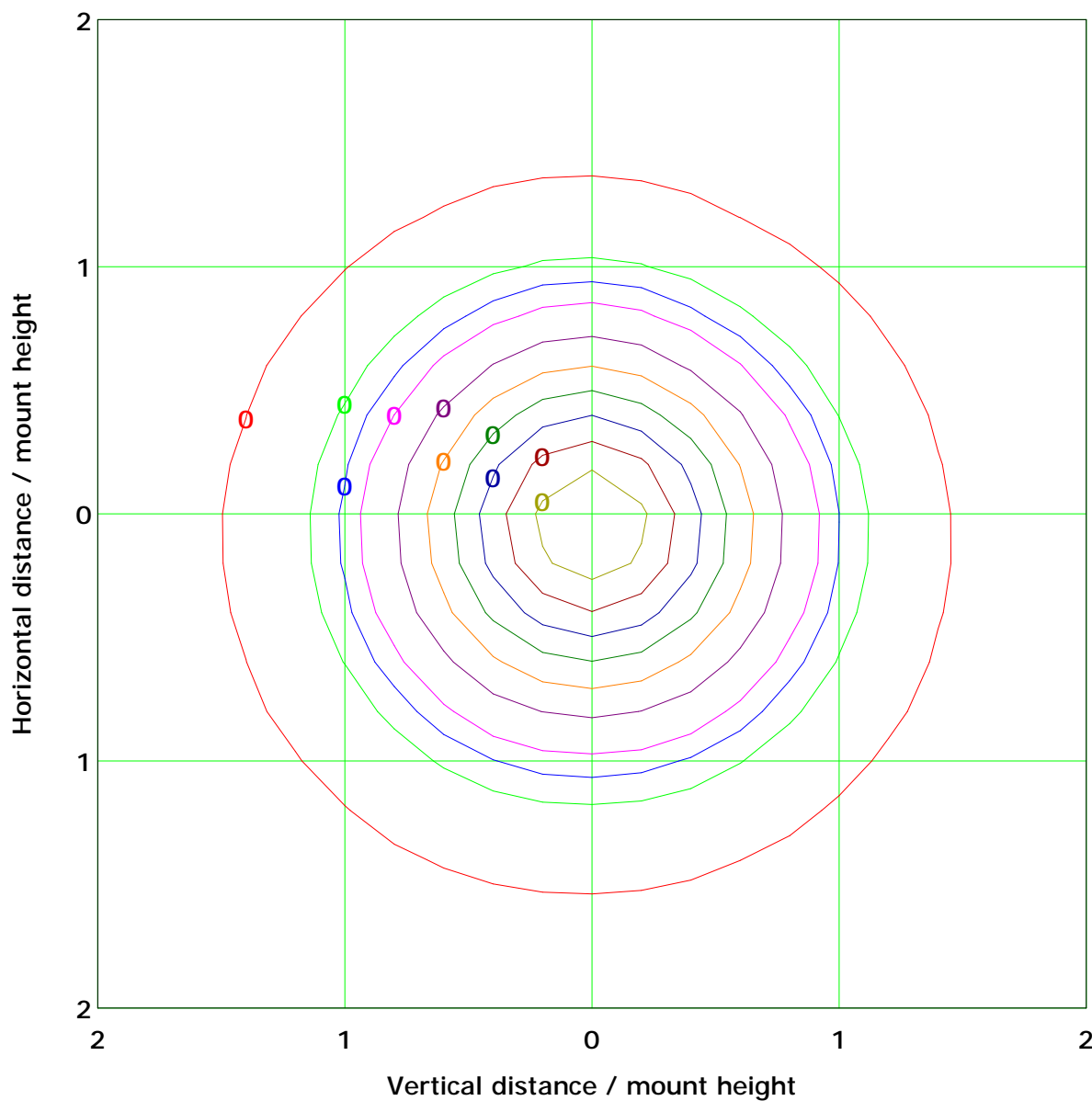
Imax (100%): 13 cd

(10%):	1 cd	(20%):	3 cd
(25%):	3 cd	(30%):	4 cd
(40%):	5 cd	(50%):	6 cd
(60%):	8 cd	(70%):	9 cd
(80%):	10 cd	(90%):	12 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



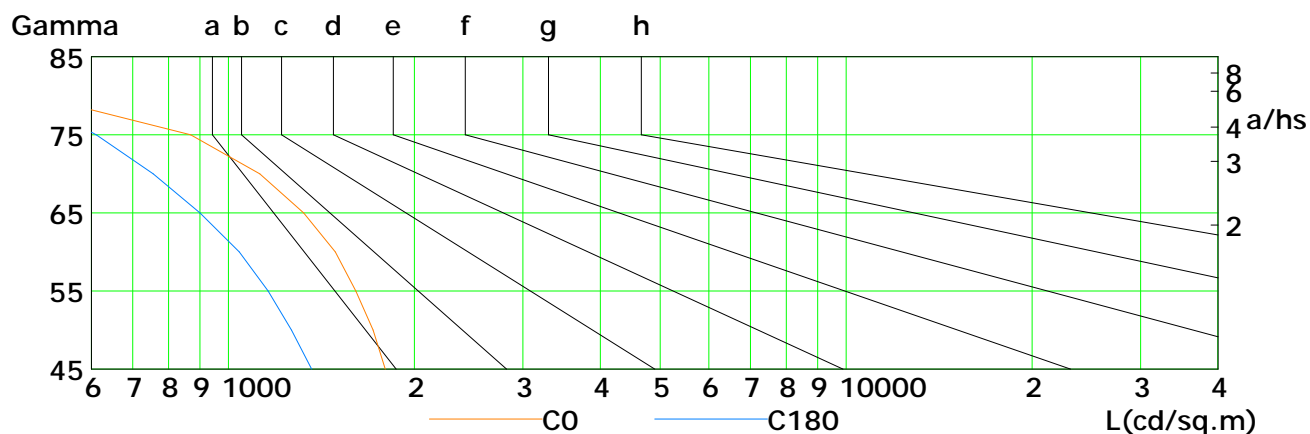
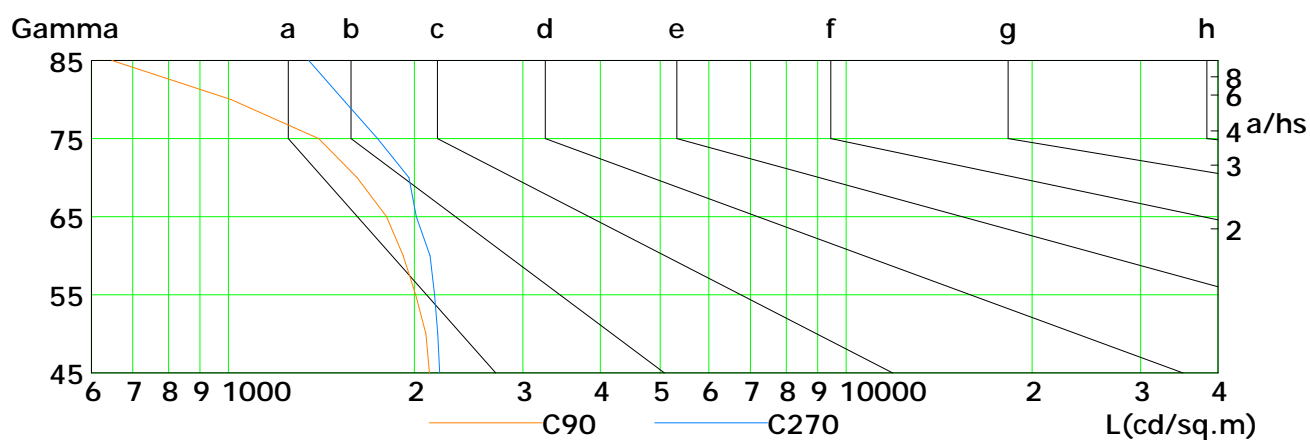
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: kerr

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

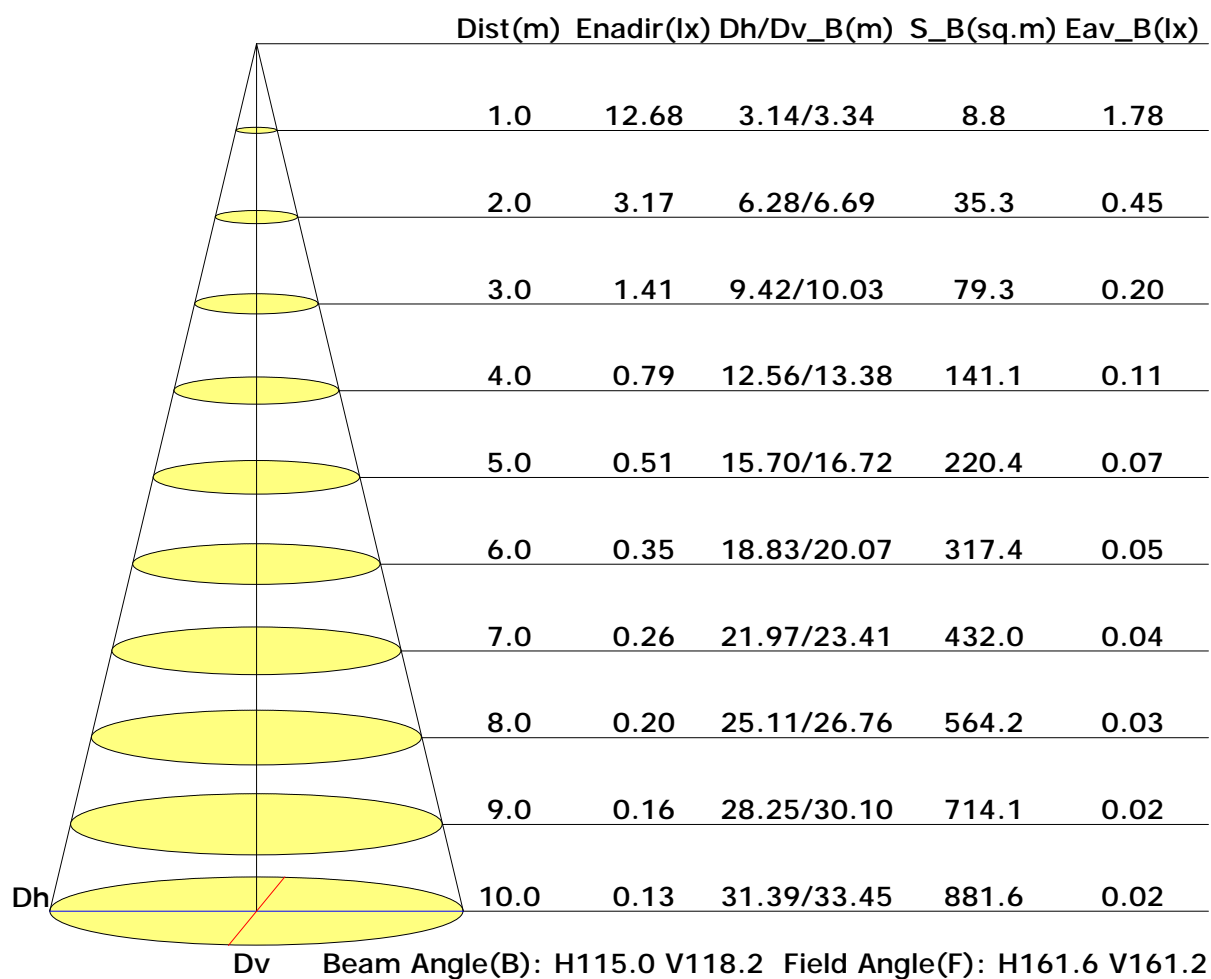


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1794	1715	1608	1490	1325	1124	869	488	159
C90	2116	2088	2011	1920	1803	1616	1401	1010	648
C180	1365	1266	1160	1042	899	755	611	465	286
C270	2198	2183	2158	2121	2016	1960	1745	1533	1349

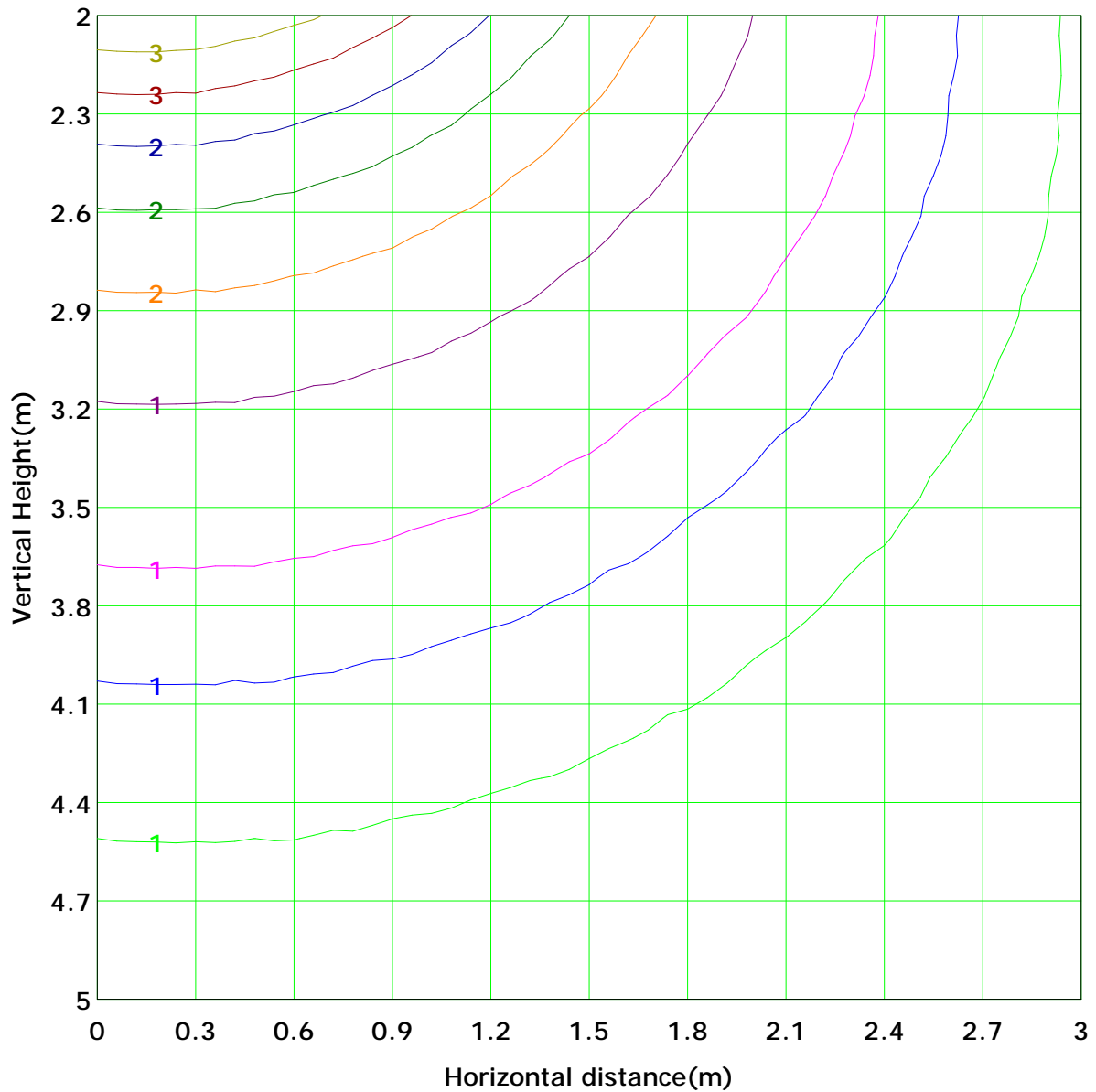
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: kerr

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: 3.2 lx
(10%): 0.3 lx	(20%): 0.6 lx	
(25%): 0.8 lx	(30%): 1.0 lx	
(40%): 1.3 lx	(50%): 1.6 lx	
(60%): 1.9 lx	(70%): 2.2 lx	
(80%): 2.5 lx	(90%): 2.9 lx	

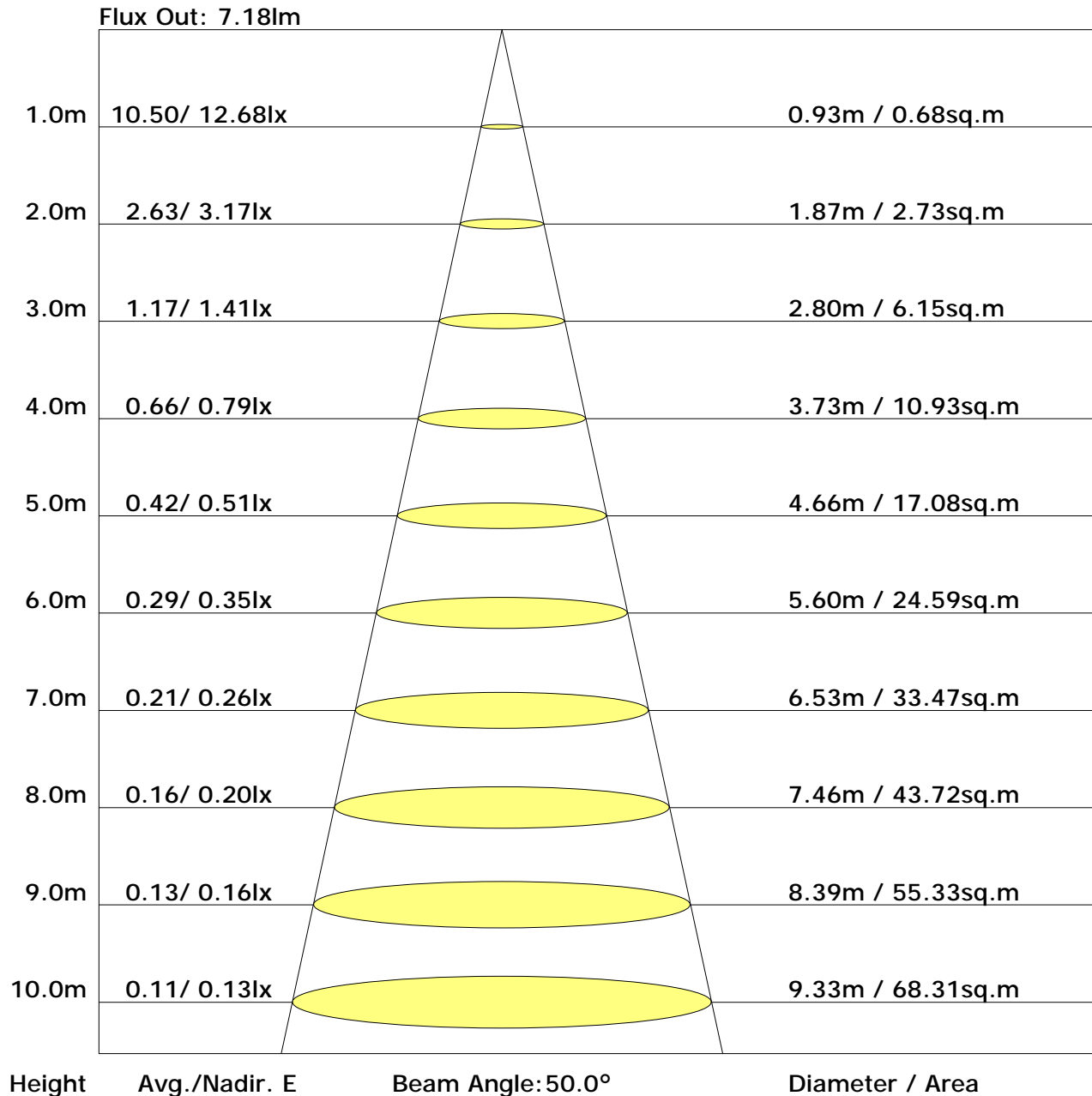
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: kerr

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	26.5	28.1	26.9	28.5	28.8	24.4	26.0	24.8	26.4	26.7
3H	28.4	29.8	28.8	30.2	30.6	25.8	27.2	26.2	27.6	28.0
4H	29.1	30.4	29.5	30.8	31.2	26.2	27.6	26.6	27.9	28.3
6H	29.5	30.7	29.9	31.1	31.5	26.4	27.6	26.8	28.0	28.4
8H	29.5	30.8	30.0	31.2	31.6	26.4	27.6	26.8	28.0	28.4
12H	29.6	30.8	30.0	31.2	31.6	26.4	27.5	26.8	27.9	28.4
X=4H Y=2H	27.0	28.4	27.4	28.7	29.1	25.0	26.4	25.4	26.8	27.2
3H	29.1	30.2	29.5	30.7	31.1	26.6	27.7	27.0	28.2	28.6
4H	29.9	30.9	30.3	31.4	31.8	27.1	28.1	27.5	28.6	29.0
6H	30.4	31.3	30.9	31.8	32.3	27.3	28.2	27.8	28.7	29.2
8H	30.5	31.4	31.0	31.8	32.3	27.4	28.2	27.8	28.7	29.2
12H	30.6	31.4	31.1	31.8	32.3	27.4	28.1	27.9	28.6	29.1
X=8H Y=4H	30.1	30.9	30.5	31.4	31.9	27.3	28.2	27.8	28.6	29.1
6H	30.7	31.4	31.2	31.9	32.4	27.6	28.4	28.2	28.9	29.4
8H	30.9	31.5	31.4	32.0	32.5	27.7	28.4	28.2	28.9	29.4
12H	31.0	31.5	31.5	32.0	32.6	27.7	28.3	28.3	28.8	29.4
X=12H Y=4H	30.1	30.9	30.6	31.3	31.8	27.3	28.1	27.8	28.6	29.1
6H	30.7	31.4	31.3	31.8	32.4	27.7	28.3	28.2	28.8	29.4
8H	30.9	31.5	31.4	32.0	32.6	27.8	28.3	28.3	28.9	29.4

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	0.59	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	0.59	0.66	0.72	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		0.50	0.57	0.65	0.70	0.77	0.82	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: 3W 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	0.96	0.81	0.69	0.60	0.48	0.40	0.34	0.26	0.21	
	0.30		0.80	0.69	0.60	0.53	0.43	0.36	0.31	0.25	0.20	
	0.20		0.68	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	0.33	0.28	0.23	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	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.67	0.59	0.51	0.45	0.37	0.32	0.27	0.22	0.18	
0.00	0.00	0.00	0.56	0.49	0.42	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												

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	0.18	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	0.16	0.18	0.19	0.19	0.20	0.20	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		0.06	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	0.11	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: 3W 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	12.7	0.0	0.0	0.03	0.03
1.0-2.0	12.7	0.0	0.0	0.09	0.12
2.0-3.0	12.7	0.1	0.1	0.16	0.28
3.0-4.0	12.6	0.1	0.2	0.22	0.50
4.0-5.0	12.6	0.1	0.3	0.28	0.78
5.0-6.0	12.6	0.1	0.4	0.34	1.12
6.0-7.0	12.6	0.2	0.6	0.40	1.52
7.0-8.0	12.6	0.2	0.8	0.46	1.98
8.0-9.0	12.5	0.2	1.0	0.52	2.51
9.0-10.0	12.5	0.2	1.2	0.58	3.09
10.0-11.0	12.5	0.2	1.5	0.64	3.73
11.0-12.0	12.5	0.3	1.7	0.70	4.43
12.0-13.0	12.4	0.3	2.0	0.76	5.19
13.0-14.0	12.4	0.3	2.3	0.82	6.01
14.0-15.0	12.3	0.3	2.7	0.87	6.88
15.0-16.0	12.3	0.4	3.0	0.93	7.81
16.0-17.0	12.2	0.4	3.4	0.98	8.79
17.0-18.0	12.2	0.4	3.8	1.03	9.82
18.0-19.0	12.2	0.4	4.2	1.09	10.91
19.0-20.0	12.1	0.4	4.7	1.14	12.05
20.0-21.0	12.0	0.5	5.1	1.19	13.24
21.0-22.0	12.0	0.5	5.6	1.24	14.48
22.0-23.0	11.9	0.5	6.1	1.28	15.76
23.0-24.0	11.8	0.5	6.6	1.33	17.09
24.0-25.0	11.7	0.5	7.2	1.37	18.46
25.0-26.0	11.6	0.5	7.7	1.41	19.87
26.0-27.0	11.6	0.6	8.3	1.45	21.33
27.0-28.0	11.5	0.6	8.9	1.49	22.82
28.0-29.0	11.4	0.6	9.5	1.53	24.35
29.0-30.0	11.3	0.6	10.1	1.57	25.92
30.0-31.0	11.2	0.6	10.7	1.60	27.51
31.0-32.0	11.1	0.6	11.3	1.63	29.14
32.0-33.0	10.9	0.6	12.0	1.66	30.80
33.0-34.0	10.8	0.7	12.6	1.68	32.48
34.0-35.0	10.7	0.7	13.3	1.71	34.19
35.0-36.0	10.6	0.7	14.0	1.73	35.93

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	10.4	0.7	14.6	1.75	37.68
37.0-38.0	10.3	0.7	15.3	1.77	39.45
38.0-39.0	10.2	0.7	16.0	1.79	41.23
39.0-40.0	10.0	0.7	16.7	1.80	43.03
40.0-41.0	9.9	0.7	17.4	1.81	44.84
41.0-42.0	9.7	0.7	18.1	1.81	46.65
42.0-43.0	9.5	0.7	18.8	1.82	48.47
43.0-44.0	9.4	0.7	19.5	1.82	50.29
44.0-45.0	9.2	0.7	20.3	1.82	52.10
45.0-46.0	9.0	0.7	21.0	1.82	53.92
46.0-47.0	8.9	0.7	21.7	1.81	55.73
47.0-48.0	8.7	0.7	22.4	1.80	57.53
48.0-49.0	8.5	0.7	23.1	1.79	59.33
49.0-50.0	8.3	0.7	23.8	1.78	61.11
50.0-51.0	8.1	0.7	24.4	1.76	62.87
51.0-52.0	7.9	0.7	25.1	1.74	64.61
52.0-53.0	7.7	0.7	25.8	1.72	66.33
53.0-54.0	7.5	0.7	26.4	1.70	68.03
54.0-55.0	7.3	0.6	27.1	1.67	69.70
55.0-56.0	7.1	0.6	27.7	1.64	71.34
56.0-57.0	6.8	0.6	28.4	1.61	72.95
57.0-58.0	6.6	0.6	29.0	1.58	74.53
58.0-59.0	6.4	0.6	29.6	1.54	76.07
59.0-60.0	6.2	0.6	30.2	1.50	77.57
60.0-61.0	6.0	0.6	30.7	1.46	79.03
61.0-62.0	5.7	0.6	31.3	1.42	80.45
62.0-63.0	5.5	0.5	31.8	1.37	81.82
63.0-64.0	5.3	0.5	32.3	1.33	83.15
64.0-65.0	5.0	0.5	32.8	1.28	84.43
65.0-66.0	4.8	0.5	33.3	1.23	85.66
66.0-67.0	4.5	0.5	33.8	1.18	86.83
67.0-68.0	4.3	0.4	34.2	1.12	87.96
68.0-69.0	4.1	0.4	34.6	1.07	89.03
69.0-70.0	3.8	0.4	35.0	1.02	90.04
70.0-71.0	3.6	0.4	35.4	0.96	91.00
71.0-72.0	3.4	0.4	35.7	0.90	91.90

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	3.1	0.3	36.1	0.85	92.75
73.0-74.0	2.9	0.3	36.4	0.79	93.54
74.0-75.0	2.7	0.3	36.6	0.74	94.28
75.0-76.0	2.5	0.3	36.9	0.68	94.96
76.0-77.0	2.3	0.2	37.1	0.62	95.57
77.0-78.0	2.0	0.2	37.4	0.56	96.13
78.0-79.0	1.8	0.2	37.6	0.51	96.64
79.0-80.0	1.6	0.2	37.7	0.45	97.09
80.0-81.0	1.4	0.2	37.9	0.40	97.48
81.0-82.0	1.2	0.1	38.0	0.34	97.83
82.0-83.0	1.0	0.1	38.1	0.29	98.12
83.0-84.0	0.9	0.1	38.2	0.24	98.36
84.0-85.0	0.7	0.1	38.3	0.20	98.56
85.0-86.0	0.5	0.1	38.4	0.15	98.71
86.0-87.0	0.4	0.0	38.4	0.11	98.83
87.0-88.0	0.3	0.0	38.4	0.08	98.91
88.0-89.0	0.2	0.0	38.5	0.06	98.97
89.0-90.0	0.1	0.0	38.5	0.04	99.00
90.0-91.0	0.1	0.0	38.5	0.02	99.03
91.0-92.0	0.1	0.0	38.5	0.02	99.04
92.0-93.0	0.0	0.0	38.5	0.01	99.06
93.0-94.0	0.0	0.0	38.5	0.01	99.07
94.0-95.0	0.0	0.0	38.5	0.01	99.08
95.0-96.0	0.0	0.0	38.5	0.01	99.08
96.0-97.0	0.0	0.0	38.5	0.01	99.09
97.0-98.0	0.0	0.0	38.5	0.01	99.10
98.0-99.0	0.0	0.0	38.5	0.01	99.11
99.0-100.0	0.0	0.0	38.5	0.01	99.12
100.0-101.0	0.0	0.0	38.5	0.01	99.13
101.0-102.0	0.0	0.0	38.5	0.01	99.14
102.0-103.0	0.0	0.0	38.5	0.01	99.15
103.0-104.0	0.0	0.0	38.5	0.01	99.16
104.0-105.0	0.0	0.0	38.5	0.01	99.17
105.0-106.0	0.0	0.0	38.6	0.01	99.18
106.0-107.0	0.0	0.0	38.6	0.01	99.19
107.0-108.0	0.0	0.0	38.6	0.01	99.20

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	0.0	0.0	38.6	0.01	99.21
109.0-110.0	0.0	0.0	38.6	0.01	99.22
110.0-111.0	0.0	0.0	38.6	0.01	99.23
111.0-112.0	0.0	0.0	38.6	0.01	99.24
112.0-113.0	0.1	0.0	38.6	0.01	99.26
113.0-114.0	0.0	0.0	38.6	0.01	99.27
114.0-115.0	0.0	0.0	38.6	0.01	99.28
115.0-116.0	0.0	0.0	38.6	0.01	99.29
116.0-117.0	0.0	0.0	38.6	0.01	99.30
117.0-118.0	0.1	0.0	38.6	0.01	99.32
118.0-119.0	0.1	0.0	38.6	0.02	99.33
119.0-120.0	0.1	0.0	38.6	0.01	99.35
120.0-121.0	0.1	0.0	38.6	0.01	99.36
121.0-122.0	0.1	0.0	38.6	0.02	99.38
122.0-123.0	0.1	0.0	38.6	0.02	99.39
123.0-124.0	0.1	0.0	38.6	0.01	99.41
124.0-125.0	0.1	0.0	38.6	0.02	99.42
125.0-126.0	0.1	0.0	38.7	0.02	99.44
126.0-127.0	0.1	0.0	38.7	0.01	99.45
127.0-128.0	0.1	0.0	38.7	0.01	99.46
128.0-129.0	0.1	0.0	38.7	0.01	99.48
129.0-130.0	0.1	0.0	38.7	0.02	99.49
130.0-131.0	0.1	0.0	38.7	0.02	99.51
131.0-132.0	0.1	0.0	38.7	0.02	99.53
132.0-133.0	0.1	0.0	38.7	0.01	99.54
133.0-134.0	0.1	0.0	38.7	0.02	99.56
134.0-135.0	0.1	0.0	38.7	0.02	99.57
135.0-136.0	0.1	0.0	38.7	0.01	99.59
136.0-137.0	0.1	0.0	38.7	0.02	99.60
137.0-138.0	0.1	0.0	38.7	0.02	99.62
138.0-139.0	0.1	0.0	38.7	0.02	99.64
139.0-140.0	0.1	0.0	38.7	0.02	99.65
140.0-141.0	0.1	0.0	38.7	0.01	99.67
141.0-142.0	0.1	0.0	38.7	0.01	99.68
142.0-143.0	0.1	0.0	38.8	0.02	99.69
143.0-144.0	0.1	0.0	38.8	0.02	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	0.1	0.0	38.8	0.02	99.73
145.0-146.0	0.1	0.0	38.8	0.01	99.74
146.0-147.0	0.1	0.0	38.8	0.02	99.76
147.0-148.0	0.1	0.0	38.8	0.02	99.77
148.0-149.0	0.1	0.0	38.8	0.01	99.79
149.0-150.0	0.1	0.0	38.8	0.01	99.80
150.0-151.0	0.1	0.0	38.8	0.01	99.81
151.0-152.0	0.1	0.0	38.8	0.01	99.82
152.0-153.0	0.1	0.0	38.8	0.01	99.83
153.0-154.0	0.1	0.0	38.8	0.01	99.84
154.0-155.0	0.1	0.0	38.8	0.01	99.85
155.0-156.0	0.1	0.0	38.8	0.01	99.87
156.0-157.0	0.1	0.0	38.8	0.01	99.88
157.0-158.0	0.1	0.0	38.8	0.01	99.89
158.0-159.0	0.1	0.0	38.8	0.01	99.89
159.0-160.0	0.1	0.0	38.8	0.01	99.90
160.0-161.0	0.1	0.0	38.8	0.01	99.91
161.0-162.0	0.1	0.0	38.8	0.01	99.92
162.0-163.0	0.1	0.0	38.8	0.01	99.93
163.0-164.0	0.1	0.0	38.8	0.01	99.94
164.0-165.0	0.1	0.0	38.8	0.01	99.94
165.0-166.0	0.1	0.0	38.9	0.01	99.95
166.0-167.0	0.1	0.0	38.9	0.01	99.96
167.0-168.0	0.1	0.0	38.9	0.01	99.96
168.0-169.0	0.1	0.0	38.9	0.01	99.97
169.0-170.0	0.1	0.0	38.9	0.01	99.98
170.0-171.0	0.1	0.0	38.9	0.00	99.98
171.0-172.0	0.1	0.0	38.9	0.00	99.98
172.0-173.0	0.1	0.0	38.9	0.00	99.99
173.0-174.0	0.1	0.0	38.9	0.00	99.99
174.0-175.0	0.1	0.0	38.9	0.00	99.99
175.0-176.0	0.1	0.0	38.9	0.00	100.00
176.0-177.0	0.1	0.0	38.9	0.00	100.00
177.0-178.0	0.1	0.0	38.9	0.00	100.00
178.0-179.0	0.1	0.0	38.9	0.00	100.00
179.0-180.0	0.1	0.0	38.9	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: