

Report No.:

Test Time: 2021/11/16 15:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: COB RIBBONLYTE

Lamp Catalog: FCOB-24V-D480-3500-10W-8MM-IP20 RA>90

Lamp Description: 3500K

Luminous Length (mm): 500

Luminous Height (mm): 1.5

Current: 0.228 A

Power Factor: 1.000

Luminaire Description: RB90LINEA203.035

Number of Lamps: 480/M

Luminous Width (mm): 8

Voltage: 24.0 V

Power: 5.48 W

Photometric Results

CIE Class: Direct

Measurement Flux: 416.1 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H160.3,H113.2

Vertical Diffuse Angle(10%,50%): V193.7,V143.1

Luminaire Efficacy Rating (LER): 76

Max. Intensity: 116.63 cd

Total Rated Lamp Lumens: 416.1 lm

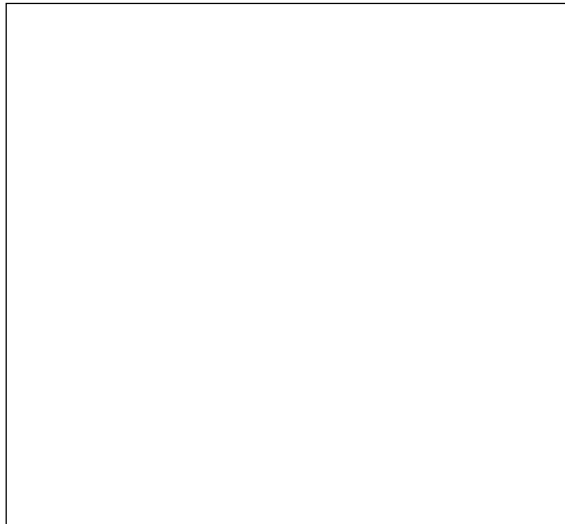
Efficiency: 100%

Upward Ratio: 3%

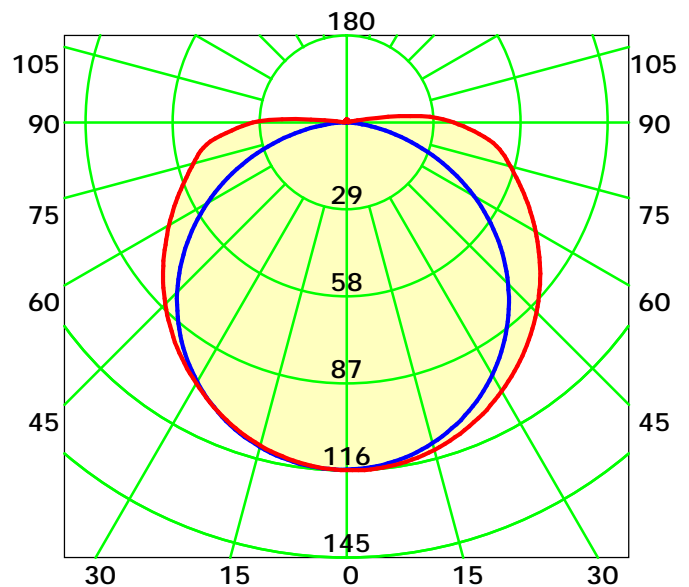
Central Intensity: 116.29 cd

Pos of Max. Intensity: H120 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 128.1° 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

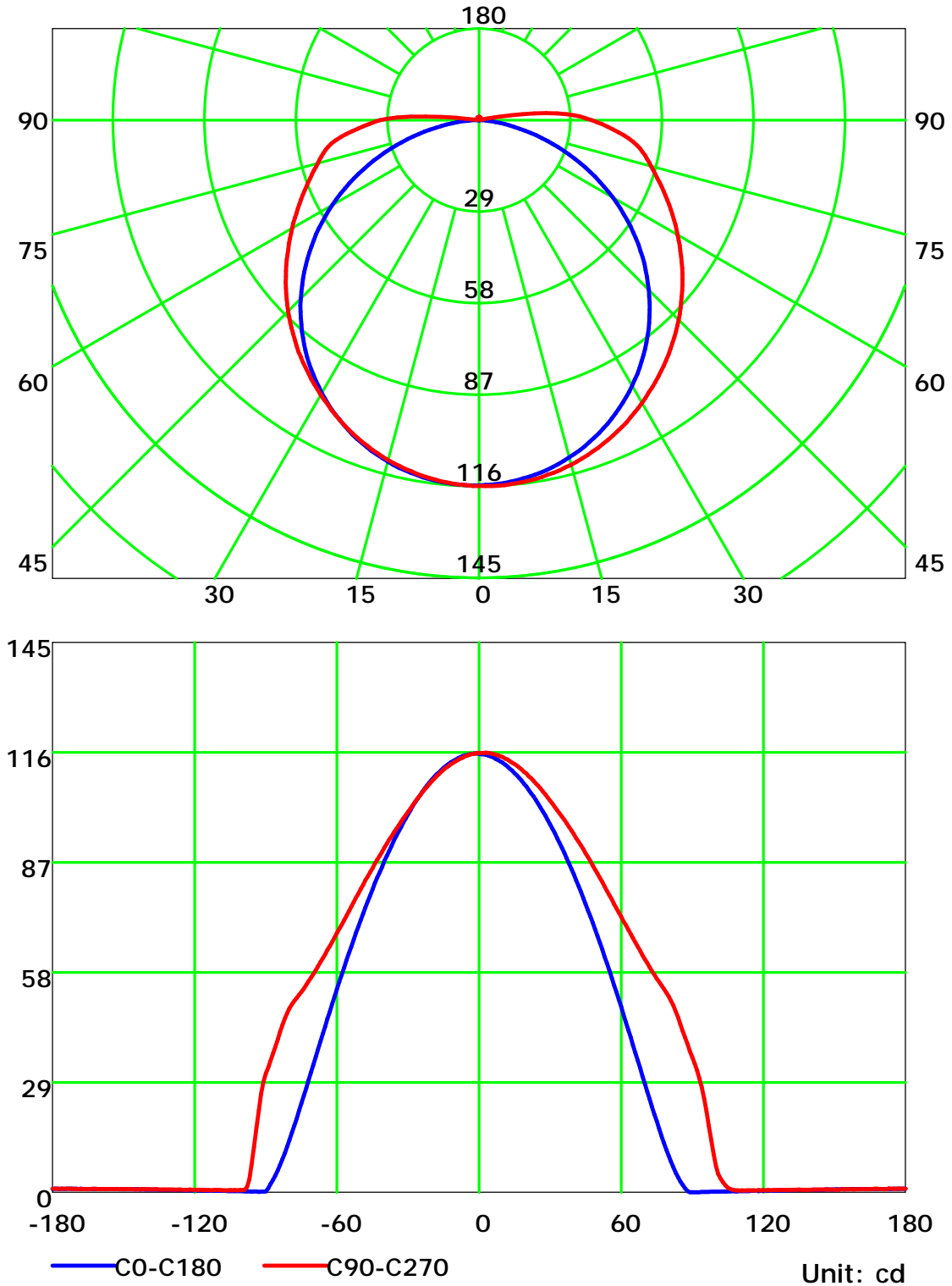
Distance: 9.028 m

Humidity: 60%

Inspector:



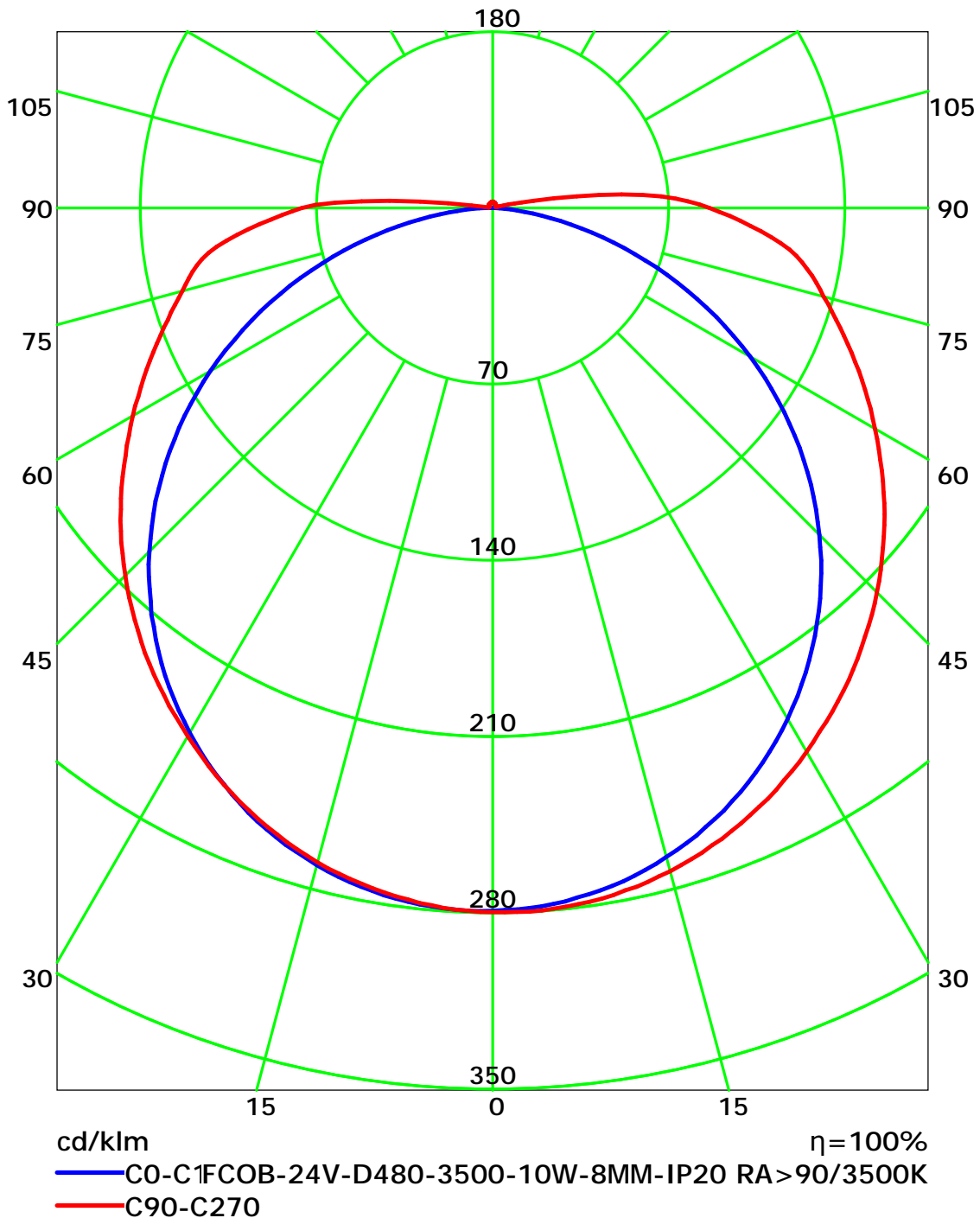
Luminous Intensity Distribution Curve



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:

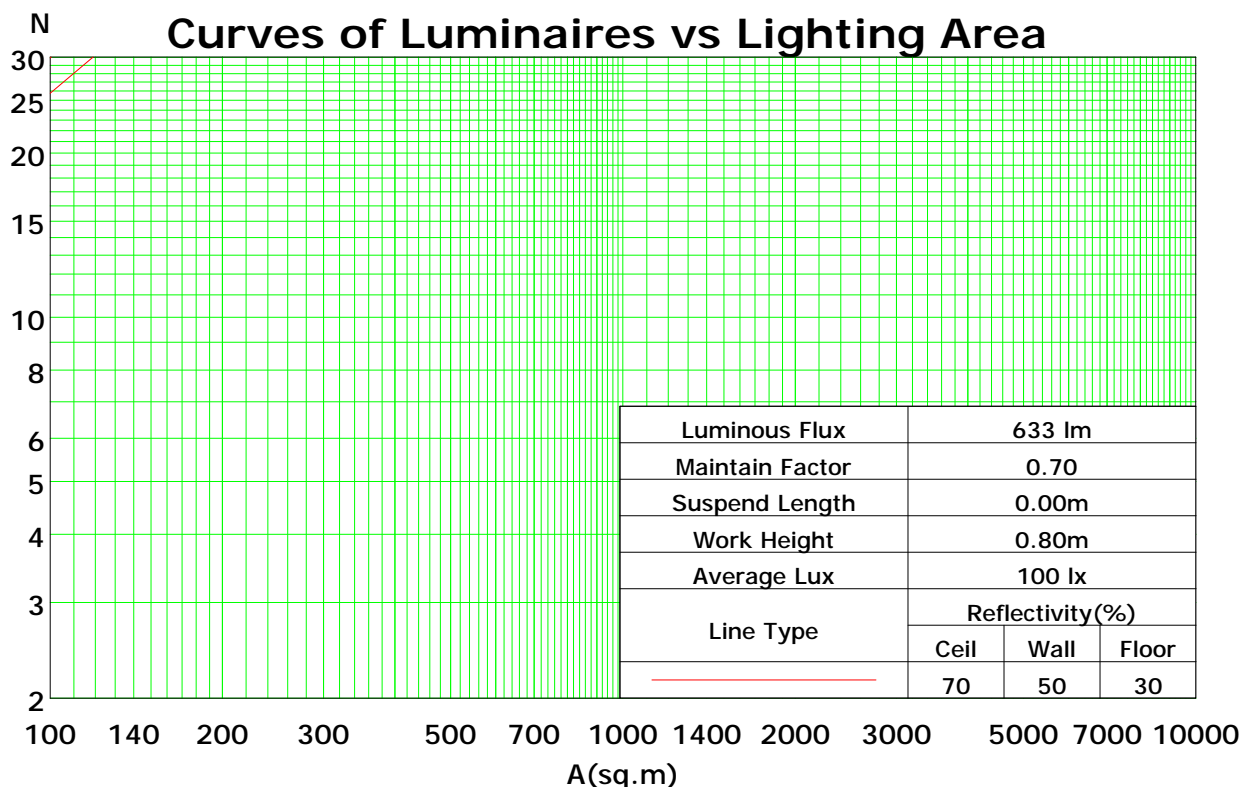
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	105	99	94	89	102	97	92	87	92	88	84	87	84	81	83	80	78	75
2	95	85	77	71	92	83	76	69	79	73	67	75	70	65	71	67	63	61
3	86	74	65	58	83	72	64	57	68	61	55	65	59	54	62	57	53	50
4	78	65	55	48	75	63	55	48	60	53	47	58	51	46	55	49	45	42
5	72	58	48	41	69	57	47	41	54	46	40	52	45	39	49	43	38	36
6	66	52	42	36	64	51	42	35	49	41	35	47	39	34	45	38	34	31
7	61	47	38	31	59	46	37	31	44	36	31	42	35	30	41	34	30	27
8	57	43	34	28	55	42	33	28	40	33	27	39	32	27	37	31	26	24
9	53	39	31	25	52	38	30	25	37	30	24	36	29	24	34	28	24	22
10	50	36	28	22	48	35	28	22	34	27	22	33	26	22	32	26	22	20

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.31

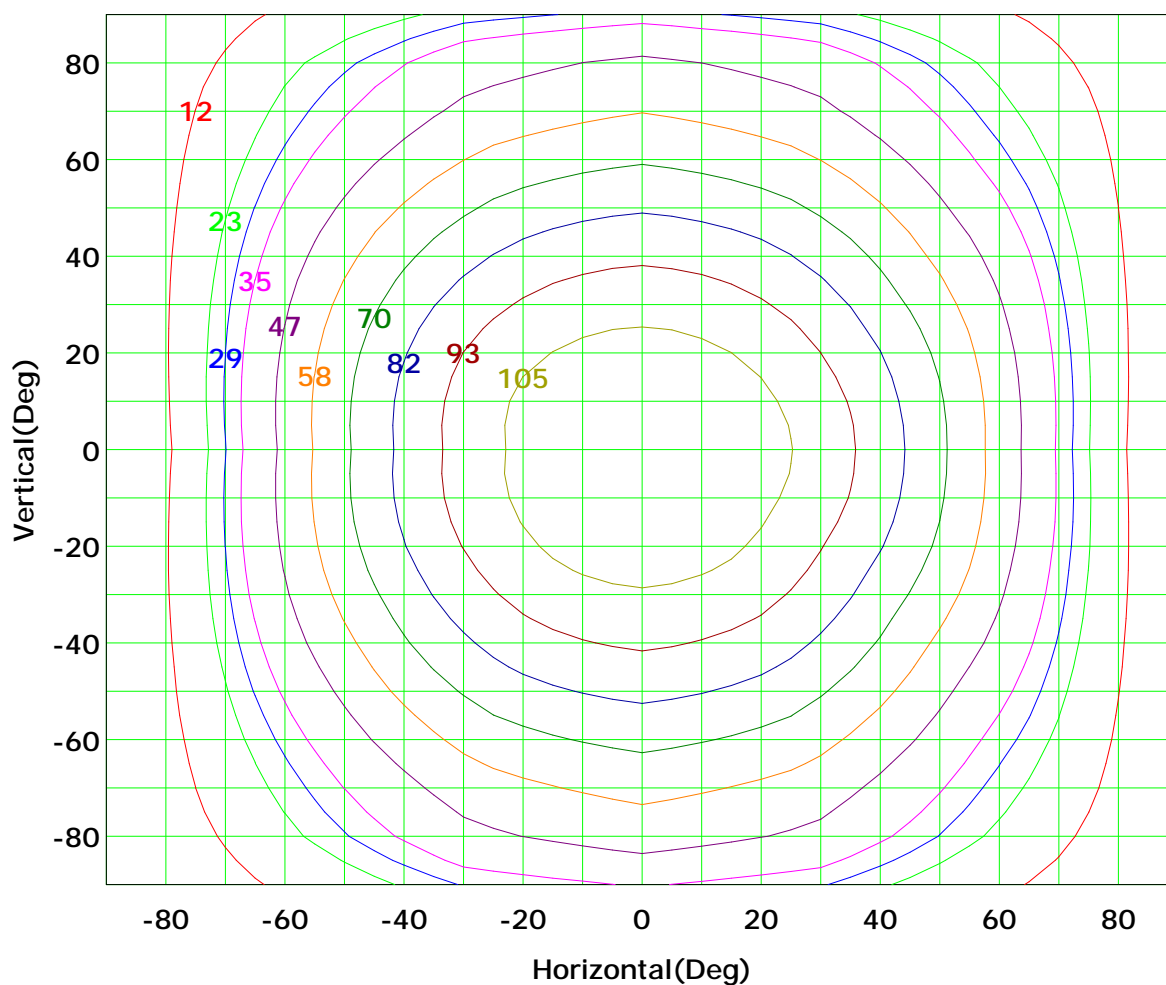
Spacing Criteria (Diagonal): 1.42



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)



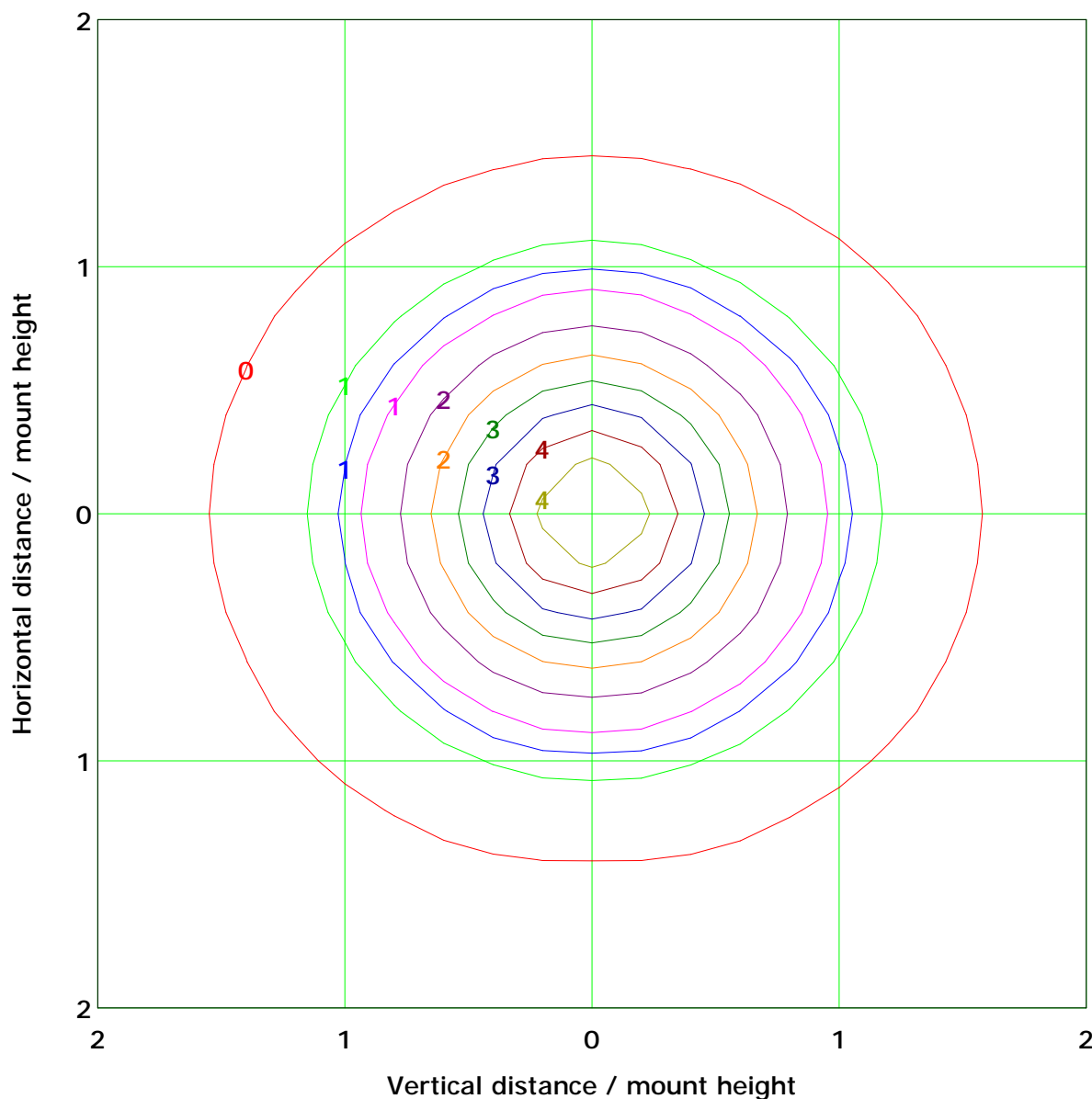
I_{max} (100%): 117 cd

(10%):	12 cd	(20%):	23 cd
(25%):	29 cd	(30%):	35 cd
(40%):	47 cd	(50%):	58 cd
(60%):	70 cd	(70%):	82 cd
(80%):	93 cd	(90%):	105 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%): 2.3 lx
(60%): 2.8 lx	(70%): 3.3 lx
(80%): 3.7 lx	(90%): 4.2 lx

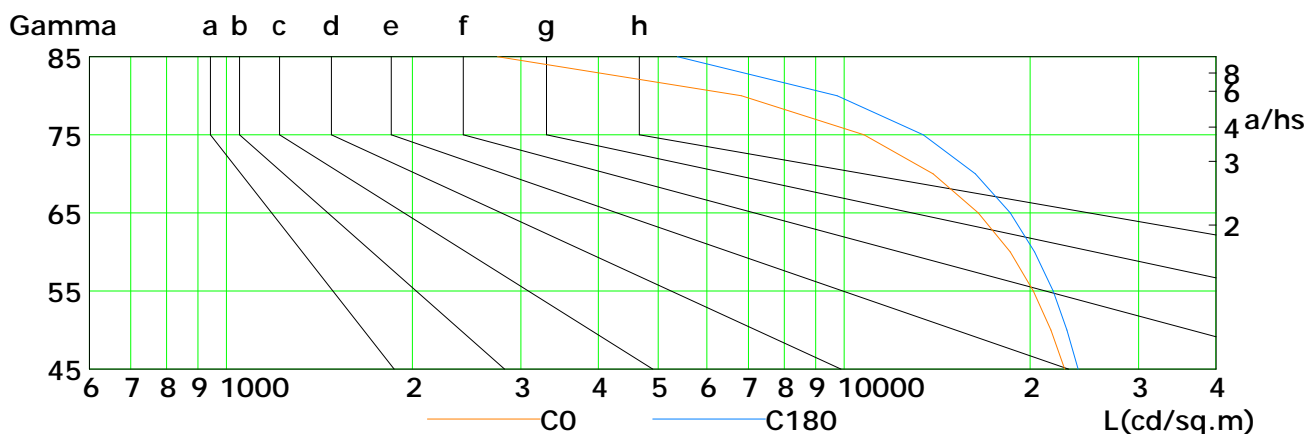
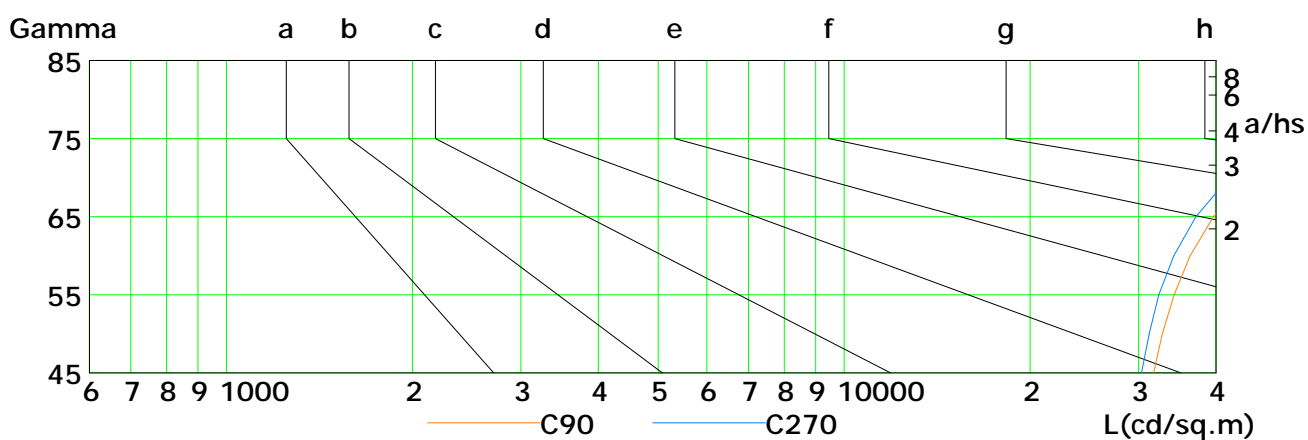
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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

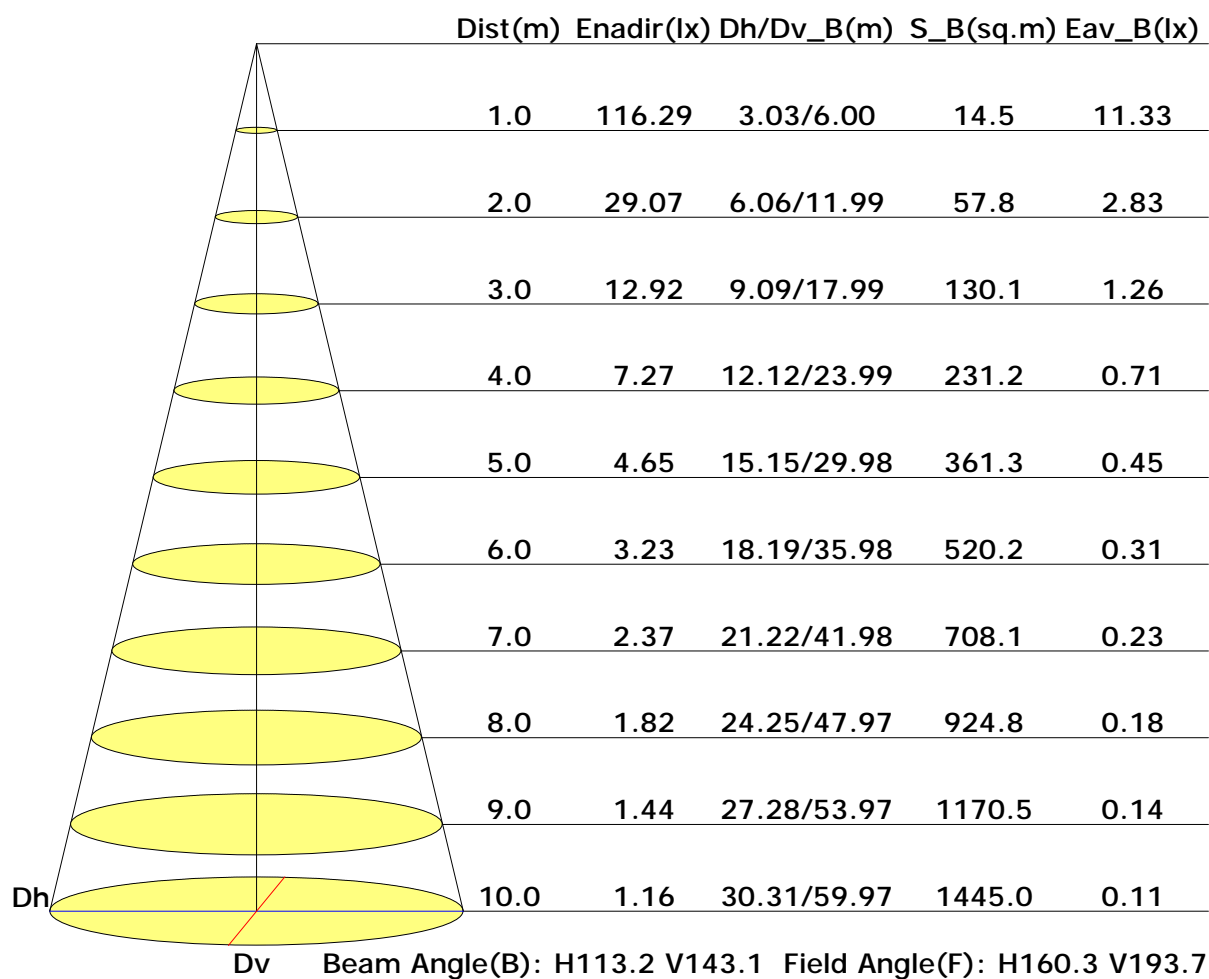


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	22776	21626	20253	18581	16492	13942	10774	6824	2747
C90	31711	32759	34221	36351	39639	44861	54181	73668	123691
C180	23931	22946	21797	20351	18581	16321	13440	9740	5375
C270	30325	31178	32346	34212	37141	41998	50799	69181	112708

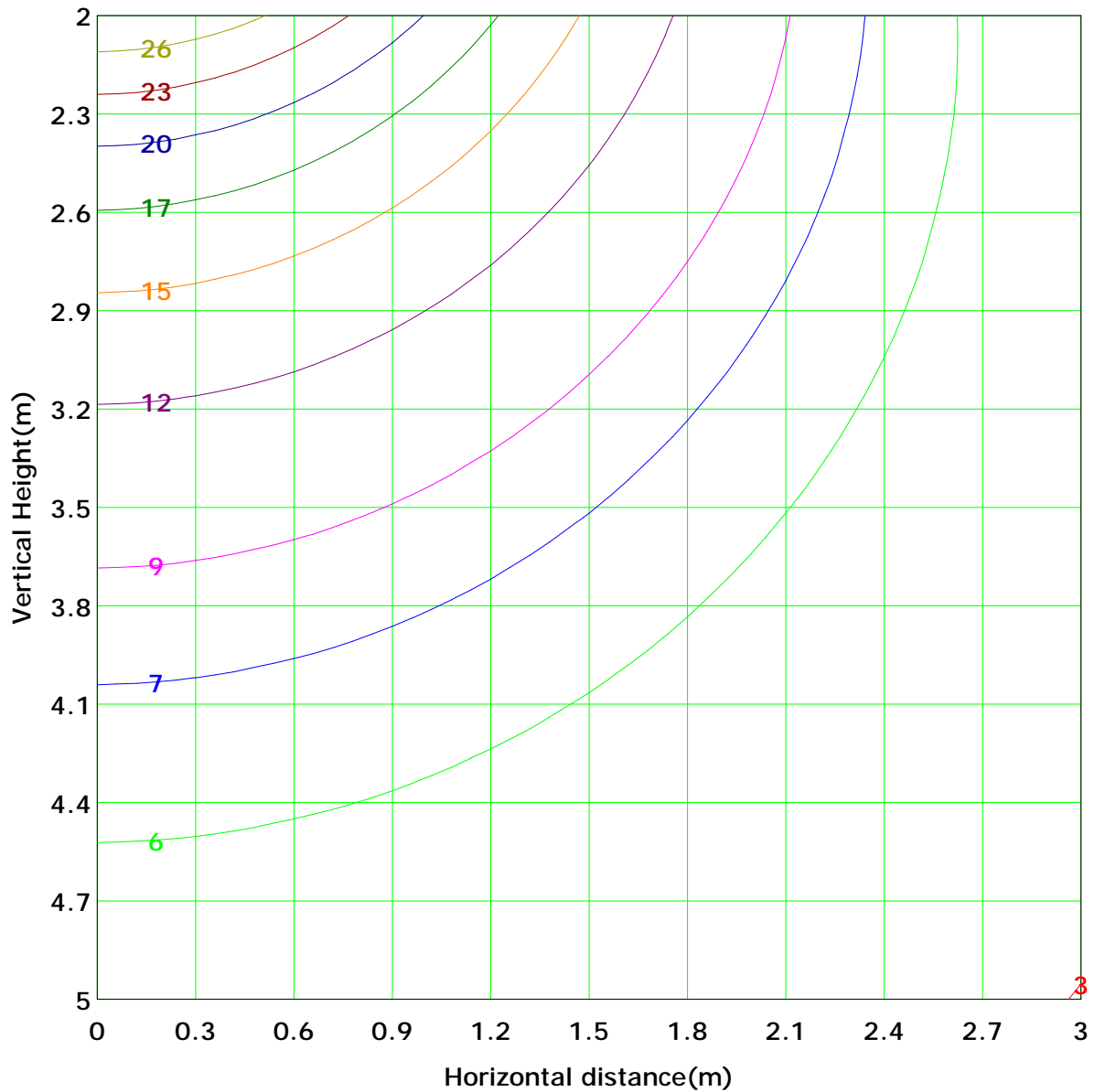
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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: 29.1 lx
(10%): 2.9 lx	(20%): 5.8 lx	(30%): 8.7 lx
(25%): 7.3 lx	(50%): 14.5 lx	(70%): 20.4 lx
(40%): 11.6 lx	(80%): 23.3 lx	(90%): 26.2 lx
(60%): 17.4 lx		

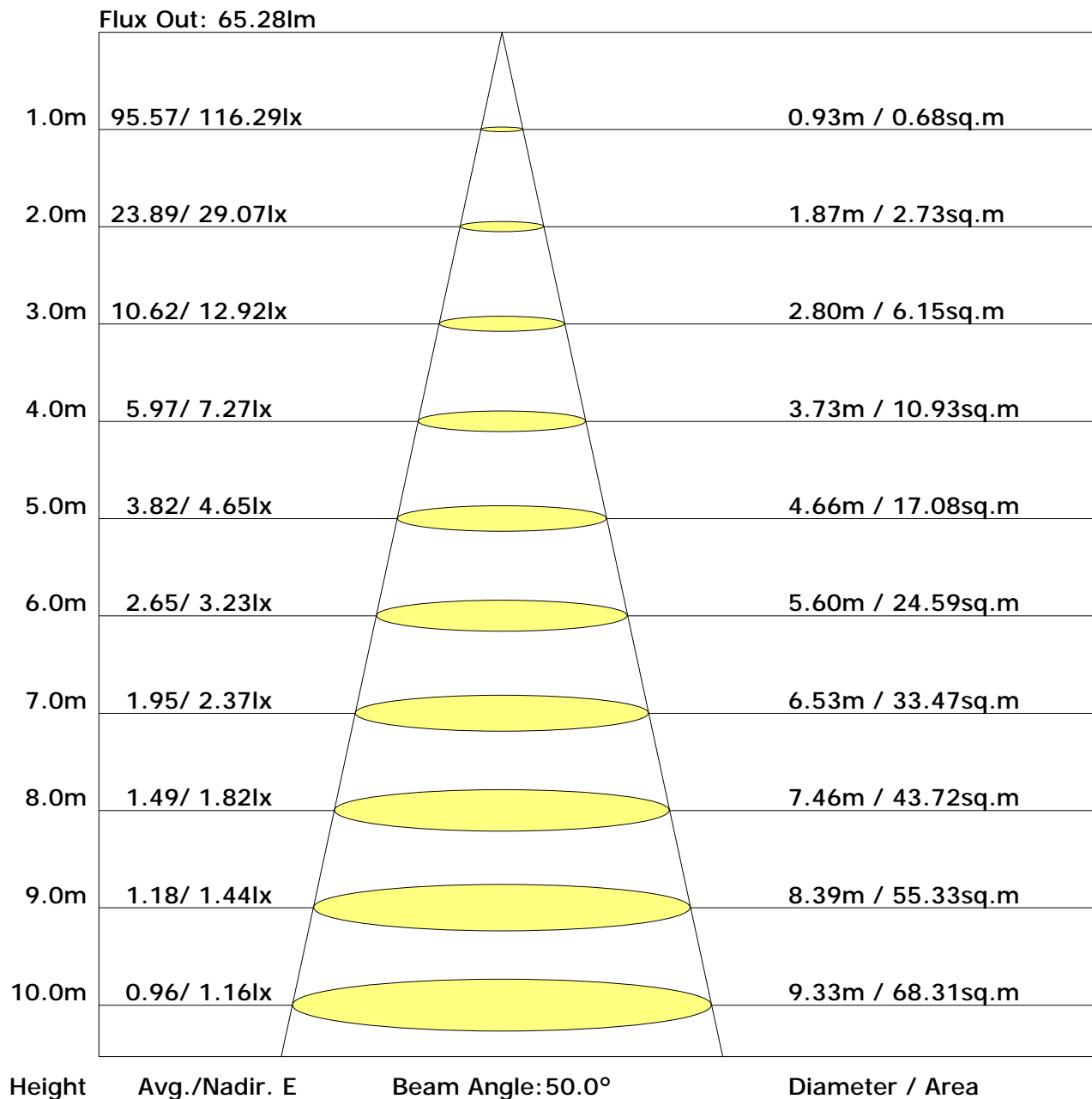
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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

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	25.5	27.2	26.0	27.6	28.0	26.6	28.3	27.0	28.7	29.1
3H	27.3	28.9	27.7	29.2	29.7	29.2	30.7	29.6	31.1	31.5
4H	28.0	29.4	28.4	29.8	30.3	30.4	31.9	30.9	32.3	32.8
6H	28.4	29.7	28.8	30.2	30.6	31.8	33.1	32.2	33.5	34.0
8H	28.5	29.8	29.0	30.3	30.7	32.4	33.7	32.9	34.1	34.6
12H	28.6	29.8	29.0	30.3	30.8	33.0	34.3	33.5	34.7	35.2
X=4H Y=2H	26.4	27.9	26.8	28.3	28.7	27.3	28.7	27.7	29.1	29.6
3H	28.5	29.7	28.9	30.2	30.6	30.1	31.4	30.6	31.8	32.3
4H	29.3	30.4	29.8	30.9	31.4	31.6	32.7	32.0	33.2	33.7
6H	29.9	31.0	30.4	31.4	32.0	33.1	34.1	33.6	34.6	35.1
8H	30.1	31.1	30.6	31.6	32.1	33.8	34.8	34.3	35.3	35.8
12H	30.3	31.1	30.8	31.7	32.2	34.5	35.4	35.1	35.9	36.5
X=8H Y=4H	30.0	31.0	30.5	31.5	32.0	32.0	32.9	32.5	33.4	33.9
6H	30.9	31.8	31.5	32.3	32.9	33.7	34.5	34.2	35.1	35.6
8H	31.3	32.1	31.9	32.6	33.2	34.6	35.4	35.2	35.9	36.5
12H	31.6	32.3	32.2	32.8	33.5	35.5	36.2	36.1	36.8	37.4
X=12H Y=4H	30.3	31.1	30.8	31.7	32.2	32.0	32.9	32.5	33.4	34.0
6H	31.3	32.1	31.9	32.6	33.2	33.8	34.6	34.4	35.1	35.7
8H	31.8	32.5	32.4	33.0	33.6	34.8	35.5	35.4	36.1	36.7

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: 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	0.54	0.62	0.69	0.74	0.81	0.86	0.90	0.95	0.98	
	0.30		0.46	0.53	0.61	0.66	0.74	0.80	0.84	0.90	0.94	
	0.20		0.40	0.47	0.55	0.60	0.68	0.74	0.79	0.85	0.90	
0.50	0.50	0.20	0.52	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93	
	0.30		0.45	0.52	0.59	0.64	0.72	0.77	0.81	0.86	0.90	
	0.20		0.39	0.46	0.54	0.59	0.66	0.72	0.76	0.82	0.86	
0.30	0.50	0.20	0.50	0.57	0.63	0.68	0.74	0.79	0.82	0.86	0.89	
	0.30		0.44	0.51	0.57	0.62	0.69	0.74	0.78	0.82	0.86	
	0.20		0.39	0.46	0.52	0.57	0.65	0.70	0.74	0.79	0.83	
0.00	0.00	0.00	0.36	0.43	0.49	0.54	0.61	0.66	0.69	0.74	0.78	
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	1.02	0.89	0.76	0.68	0.56	0.47	0.41	0.33	0.28	
	0.30		0.85	0.76	0.67	0.60	0.50	0.43	0.38	0.31	0.26	
	0.20		0.73	0.66	0.59	0.54	0.46	0.40	0.36	0.29	0.25	
0.50	0.50	0.20	0.98	0.85	0.73	0.65	0.53	0.48	0.39	0.32	0.26	
	0.30		0.83	0.74	0.65	0.58	0.49	0.42	0.37	0.30	0.25	
	0.20		0.72	0.65	0.58	0.53	0.45	0.39	0.35	0.28	0.24	
0.30	0.50	0.20	0.95	0.81	0.70	0.62	0.51	0.43	0.38	0.30	0.25	
	0.30		0.81	0.72	0.63	0.56	0.47	0.40	0.36	0.29	0.24	
	0.20		0.71	0.64	0.57	0.51	0.44	0.38	0.34	0.28	0.23	
0.00	0.00	0.00	0.61	0.54	0.48	0.43	0.36	0.31	0.28	0.23	0.19	
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	0.19	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.19	0.20	0.21	0.22	0.23	0.23	0.23	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.18	0.20	0.20	0.21	0.22	0.22	0.22	0.23	0.23
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.20
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
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	116.5	0.1	0.1	0.03	0.03
1.0-2.0	116.4	0.3	0.4	0.08	0.11
2.0-3.0	116.3	0.6	1.0	0.13	0.24
3.0-4.0	116.2	0.8	1.8	0.19	0.43
4.0-5.0	116.1	1.0	2.8	0.24	0.67
5.0-6.0	115.9	1.2	4.0	0.29	0.96
6.0-7.0	115.7	1.4	5.4	0.35	1.31
7.0-8.0	115.4	1.7	7.1	0.40	1.70
8.0-9.0	115.1	1.9	9.0	0.45	2.15
9.0-10.0	114.8	2.1	11.0	0.50	2.65
10.0-11.0	114.4	2.3	13.3	0.55	3.20
11.0-12.0	114.1	2.5	15.8	0.60	3.80
12.0-13.0	113.6	2.7	18.5	0.65	4.45
13.0-14.0	113.2	2.9	21.4	0.70	5.14
14.0-15.0	112.7	3.1	24.5	0.74	5.89
15.0-16.0	112.1	3.3	27.8	0.79	6.68
16.0-17.0	111.5	3.5	31.3	0.83	7.51
17.0-18.0	110.9	3.7	34.9	0.88	8.39
18.0-19.0	110.3	3.8	38.8	0.92	9.31
19.0-20.0	109.6	4.0	42.8	0.96	10.28
20.0-21.0	108.9	4.2	47.0	1.01	11.28
21.0-22.0	108.2	4.3	51.3	1.05	12.33
22.0-23.0	107.4	4.5	55.8	1.08	13.41
23.0-24.0	106.6	4.7	60.5	1.12	14.53
24.0-25.0	105.8	4.8	65.3	1.16	15.69
25.0-26.0	104.9	5.0	70.2	1.19	16.88
26.0-27.0	104.1	5.1	75.3	1.22	18.11
27.0-28.0	103.1	5.2	80.6	1.26	19.36
28.0-29.0	102.2	5.3	85.9	1.29	20.65
29.0-30.0	101.2	5.5	91.4	1.31	21.96
30.0-31.0	100.2	5.6	96.9	1.34	23.30
31.0-32.0	99.2	5.7	102.6	1.37	24.67
32.0-33.0	98.1	5.8	108.4	1.39	26.05
33.0-34.0	97.0	5.9	114.3	1.41	27.47
34.0-35.0	95.9	6.0	120.2	1.43	28.90
35.0-36.0	94.8	6.0	126.3	1.45	30.35

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	93.7	6.1	132.4	1.47	31.82
37.0-38.0	92.5	6.2	138.6	1.48	33.30
38.0-39.0	91.3	6.2	144.8	1.50	34.80
39.0-40.0	90.1	6.3	151.1	1.51	36.31
40.0-41.0	88.9	6.3	157.4	1.52	37.83
41.0-42.0	87.6	6.4	163.8	1.53	39.37
42.0-43.0	86.4	6.4	170.2	1.54	40.90
43.0-44.0	85.1	6.4	176.6	1.54	42.45
44.0-45.0	83.7	6.4	183.0	1.55	43.99
45.0-46.0	82.4	6.4	189.5	1.55	45.54
46.0-47.0	81.1	6.4	195.9	1.55	47.09
47.0-48.0	79.7	6.4	202.4	1.55	48.64
48.0-49.0	78.3	6.4	208.8	1.55	50.19
49.0-50.0	76.9	6.4	215.2	1.54	51.73
50.0-51.0	75.5	6.4	221.6	1.54	53.26
51.0-52.0	74.1	6.4	228.0	1.53	54.79
52.0-53.0	72.6	6.3	234.3	1.52	56.31
53.0-54.0	71.2	6.3	240.6	1.51	57.82
54.0-55.0	69.7	6.2	246.8	1.50	59.31
55.0-56.0	68.2	6.2	253.0	1.48	60.80
56.0-57.0	66.8	6.1	259.1	1.47	62.26
57.0-58.0	65.3	6.0	265.1	1.45	63.71
58.0-59.0	63.8	6.0	271.1	1.43	65.15
59.0-60.0	62.3	5.9	276.9	1.41	66.56
60.0-61.0	60.8	5.8	282.8	1.40	67.96
61.0-62.0	59.3	5.7	288.5	1.37	69.33
62.0-63.0	57.8	5.6	294.1	1.35	70.69
63.0-64.0	56.3	5.5	299.6	1.33	72.01
64.0-65.0	54.9	5.4	305.1	1.31	73.32
65.0-66.0	53.4	5.3	310.4	1.28	74.60
66.0-67.0	51.9	5.2	315.6	1.26	75.86
67.0-68.0	50.5	5.1	320.7	1.23	77.08
68.0-69.0	49.0	5.0	325.7	1.20	78.29
69.0-70.0	47.6	4.9	330.6	1.17	79.46
70.0-71.0	46.2	4.8	335.4	1.15	80.61
71.0-72.0	44.8	4.7	340.0	1.12	81.73

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	43.4	4.5	344.6	1.09	82.82
73.0-74.0	42.0	4.4	349.0	1.06	83.88
74.0-75.0	40.7	4.3	353.3	1.03	84.91
75.0-76.0	39.5	4.2	357.5	1.01	85.92
76.0-77.0	38.2	4.1	361.6	0.98	86.90
77.0-78.0	37.0	4.0	365.5	0.95	87.85
78.0-79.0	35.9	3.9	369.4	0.93	88.78
79.0-80.0	34.7	3.7	373.1	0.90	89.68
80.0-81.0	33.5	3.6	376.7	0.87	90.55
81.0-82.0	32.2	3.5	380.2	0.84	91.39
82.0-83.0	30.9	3.4	383.6	0.81	92.20
83.0-84.0	29.5	3.2	386.8	0.77	92.97
84.0-85.0	28.0	3.1	389.9	0.73	93.70
85.0-86.0	26.4	2.9	392.7	0.69	94.40
86.0-87.0	24.7	2.7	395.5	0.65	95.05
87.0-88.0	23.1	2.5	398.0	0.61	95.65
88.0-89.0	21.5	2.4	400.3	0.57	96.22
89.0-90.0	20.1	2.2	402.5	0.53	96.75
90.0-91.0	18.6	2.0	404.6	0.49	97.24
91.0-92.0	16.7	1.8	406.4	0.44	97.68
92.0-93.0	14.2	1.6	408.0	0.37	98.05
93.0-94.0	11.4	1.3	409.2	0.30	98.35
94.0-95.0	8.9	1.0	410.2	0.23	98.59
95.0-96.0	6.7	0.7	410.9	0.17	98.76
96.0-97.0	4.8	0.5	411.4	0.13	98.89
97.0-98.0	3.4	0.4	411.8	0.09	98.98
98.0-99.0	2.4	0.3	412.1	0.06	99.04
99.0-100.0	1.7	0.2	412.3	0.04	99.08
100.0-101.0	1.3	0.1	412.4	0.03	99.12
101.0-102.0	1.0	0.1	412.5	0.03	99.14
102.0-103.0	0.8	0.1	412.6	0.02	99.16
103.0-104.0	0.7	0.1	412.7	0.02	99.18
104.0-105.0	0.6	0.1	412.7	0.01	99.20
105.0-106.0	0.5	0.1	412.8	0.01	99.21
106.0-107.0	0.5	0.1	412.8	0.01	99.22
107.0-108.0	0.5	0.1	412.9	0.01	99.24

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	0.5	0.1	412.9	0.01	99.25
109.0-110.0	0.5	0.1	413.0	0.01	99.26
110.0-111.0	0.5	0.1	413.0	0.01	99.27
111.0-112.0	0.5	0.1	413.1	0.01	99.29
112.0-113.0	0.5	0.1	413.2	0.01	99.30
113.0-114.0	0.5	0.1	413.2	0.01	99.31
114.0-115.0	0.6	0.1	413.3	0.01	99.33
115.0-116.0	0.6	0.1	413.3	0.01	99.34
116.0-117.0	0.6	0.1	413.4	0.01	99.36
117.0-118.0	0.6	0.1	413.4	0.01	99.37
118.0-119.0	0.6	0.1	413.5	0.01	99.38
119.0-120.0	0.6	0.1	413.6	0.01	99.40
120.0-121.0	0.6	0.1	413.6	0.01	99.41
121.0-122.0	0.6	0.1	413.7	0.01	99.43
122.0-123.0	0.7	0.1	413.7	0.01	99.44
123.0-124.0	0.7	0.1	413.8	0.01	99.46
124.0-125.0	0.7	0.1	413.9	0.01	99.47
125.0-126.0	0.7	0.1	413.9	0.01	99.48
126.0-127.0	0.7	0.1	414.0	0.01	99.50
127.0-128.0	0.7	0.1	414.0	0.01	99.51
128.0-129.0	0.7	0.1	414.1	0.01	99.53
129.0-130.0	0.7	0.1	414.2	0.01	99.54
130.0-131.0	0.7	0.1	414.2	0.01	99.56
131.0-132.0	0.7	0.1	414.3	0.01	99.57
132.0-133.0	0.7	0.1	414.3	0.01	99.59
133.0-134.0	0.7	0.1	414.4	0.01	99.60
134.0-135.0	0.8	0.1	414.5	0.01	99.61
135.0-136.0	0.8	0.1	414.5	0.01	99.63
136.0-137.0	0.8	0.1	414.6	0.01	99.64
137.0-138.0	0.8	0.1	414.6	0.01	99.66
138.0-139.0	0.8	0.1	414.7	0.01	99.67
139.0-140.0	0.8	0.1	414.7	0.01	99.68
140.0-141.0	0.8	0.1	414.8	0.01	99.70
141.0-142.0	0.8	0.1	414.9	0.01	99.71
142.0-143.0	0.8	0.1	414.9	0.01	99.72
143.0-144.0	0.8	0.1	415.0	0.01	99.74

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	0.8	0.1	415.0	0.01	99.75
145.0-146.0	0.8	0.1	415.1	0.01	99.76
146.0-147.0	0.9	0.1	415.1	0.01	99.77
147.0-148.0	0.9	0.1	415.2	0.01	99.79
148.0-149.0	0.9	0.0	415.2	0.01	99.80
149.0-150.0	0.9	0.0	415.3	0.01	99.81
150.0-151.0	0.9	0.0	415.3	0.01	99.82
151.0-152.0	0.9	0.0	415.4	0.01	99.83
152.0-153.0	0.9	0.0	415.4	0.01	99.84
153.0-154.0	0.9	0.0	415.5	0.01	99.85
154.0-155.0	0.9	0.0	415.5	0.01	99.86
155.0-156.0	0.9	0.0	415.5	0.01	99.87
156.0-157.0	0.9	0.0	415.6	0.01	99.88
157.0-158.0	0.9	0.0	415.6	0.01	99.89
158.0-159.0	0.9	0.0	415.7	0.01	99.90
159.0-160.0	0.9	0.0	415.7	0.01	99.91
160.0-161.0	0.9	0.0	415.7	0.01	99.92
161.0-162.0	1.0	0.0	415.8	0.01	99.93
162.0-163.0	1.0	0.0	415.8	0.01	99.94
163.0-164.0	1.0	0.0	415.8	0.01	99.94
164.0-165.0	1.0	0.0	415.9	0.01	99.95
165.0-166.0	1.0	0.0	415.9	0.01	99.96
166.0-167.0	1.0	0.0	415.9	0.01	99.96
167.0-168.0	1.0	0.0	415.9	0.01	99.97
168.0-169.0	1.0	0.0	415.9	0.01	99.97
169.0-170.0	1.0	0.0	416.0	0.00	99.98
170.0-171.0	1.0	0.0	416.0	0.00	99.98
171.0-172.0	1.0	0.0	416.0	0.00	99.99
172.0-173.0	1.0	0.0	416.0	0.00	99.99
173.0-174.0	1.0	0.0	416.0	0.00	99.99
174.0-175.0	1.0	0.0	416.0	0.00	99.99
175.0-176.0	1.0	0.0	416.0	0.00	100.00
176.0-177.0	1.0	0.0	416.1	0.00	100.00
177.0-178.0	1.0	0.0	416.1	0.00	100.00
178.0-179.0	1.0	0.0	416.1	0.00	100.00
179.0-180.0	1.0	0.0	416.1	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: