

Report No.:

Test Time: 2021/11/16 16:27

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: COB RIBBONLYTE

Luminaire Description: RBOLINEA204.3VW-6500

Lamp Catalog: FCOB-24V-D576-VW-14W-10MM-IP20 RA>80

Lamp Description: 6500K

Number of Lamps: 576/M

Luminous Length (mm): 500

Luminous Width (mm): 10

Luminous Height (mm): 1.5

Voltage: 24.0 V

Current: 0.203 A

Power: 4.87 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 480.8 lm

Measurement Flux: 480.8 lm

Efficiency: 100%

Downward Ratio: 96%

Upward Ratio: 4%

Horizontal Diffuse Angle(10%,50%): H161.6,H116.9

Vertical Diffuse Angle(10%,50%): V196.2,V142.4

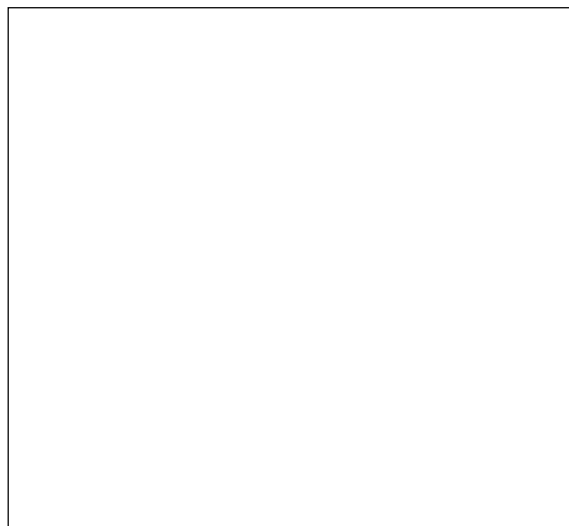
Luminaire Efficacy Rating (LER): 99

Central Intensity: 131.92 cd

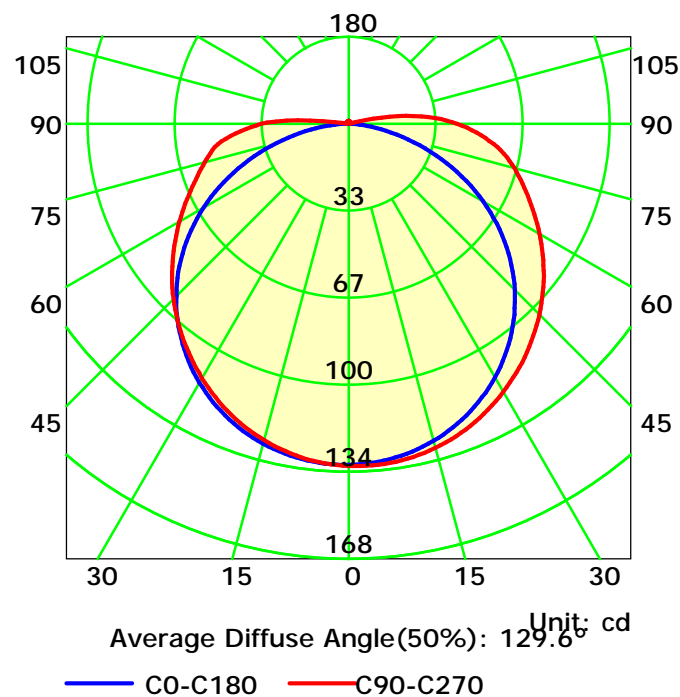
Max. Intensity: 132.5 cd

Pos of Max. Intensity: H90 V4

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

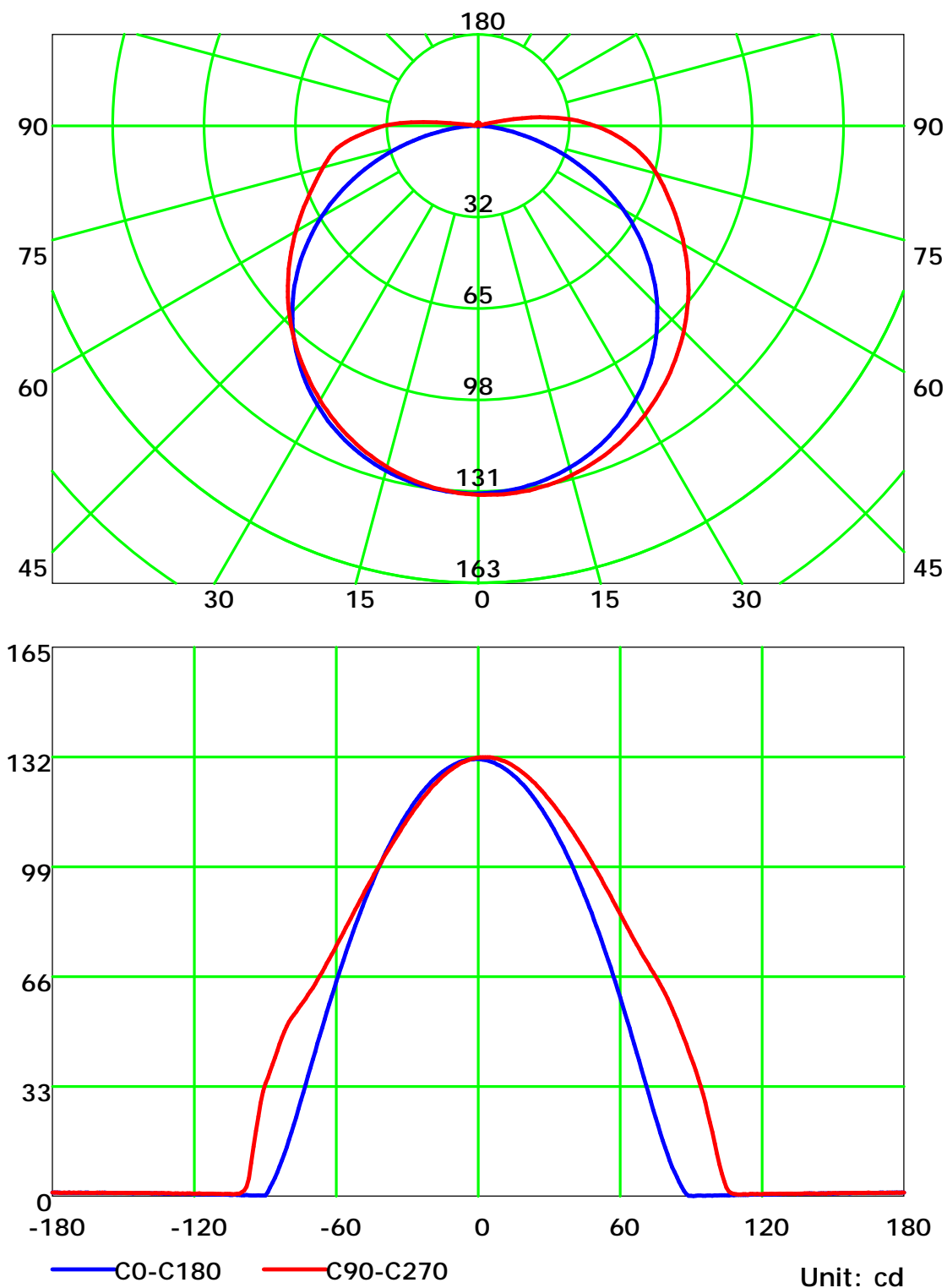
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

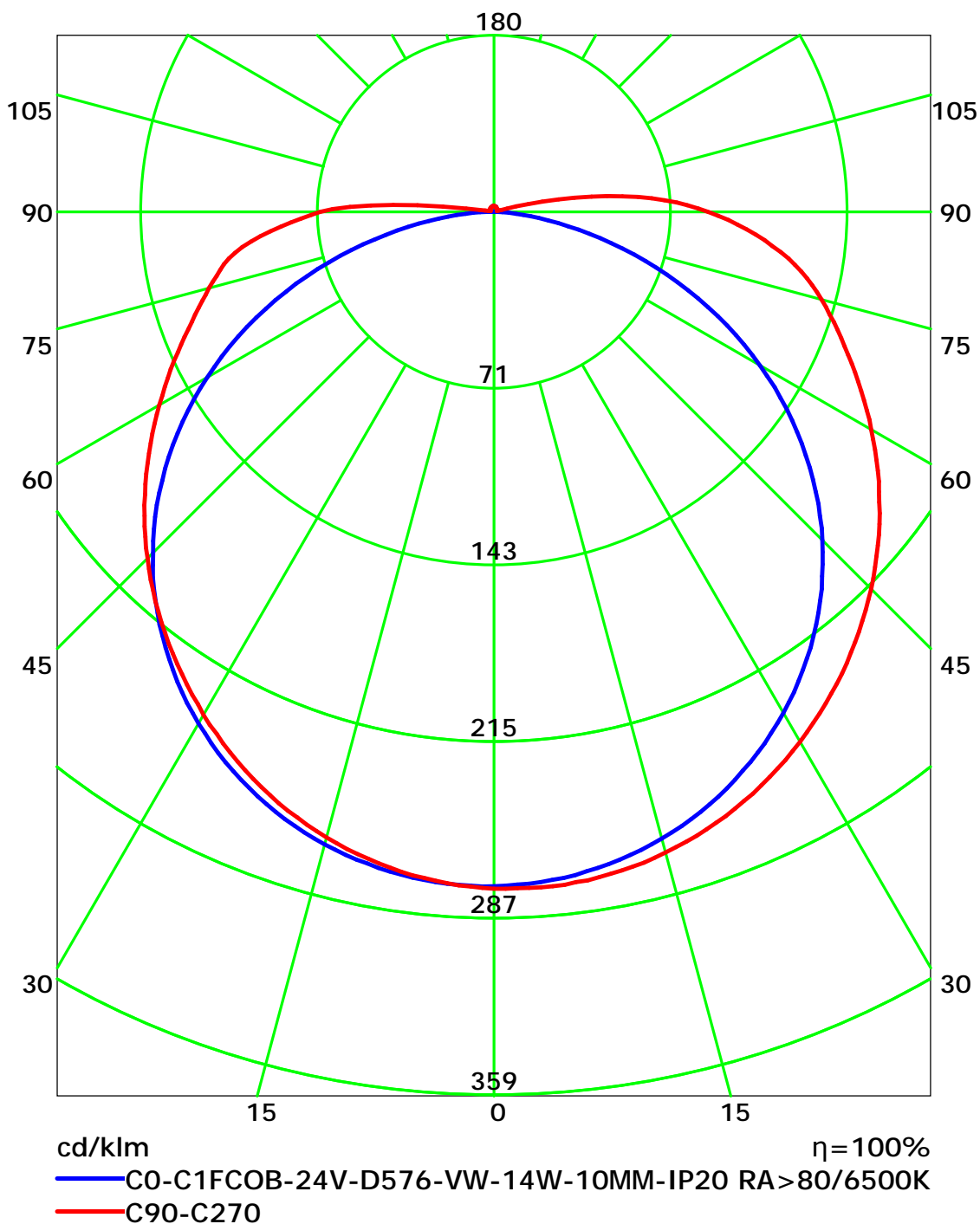
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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:

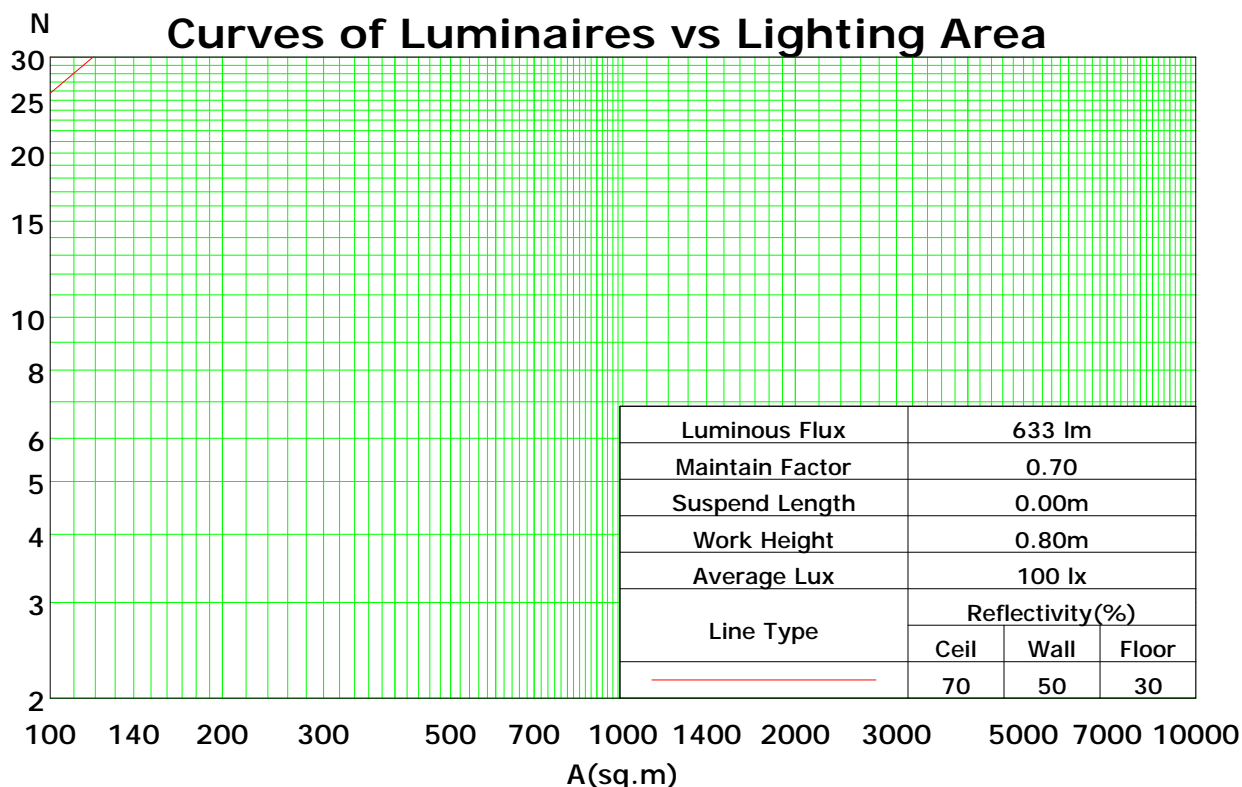
Coefficients Of Utilization - Zonal Cavity Method

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	96
1	105	99	94	89	102	97	92	87	92	88	84	87	84	81	83	80	78	75
2	95	85	77	71	91	83	76	69	79	72	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	52	50
4	78	65	55	48	75	63	54	48	60	53	46	57	51	45	55	49	44	42
5	72	58	48	41	69	56	47	41	54	46	40	51	44	39	49	43	38	36
6	66	52	42	35	64	51	42	35	48	40	35	46	39	34	44	38	33	31
7	61	47	38	31	59	46	37	31	44	36	30	42	35	30	40	34	29	27
8	57	43	34	28	55	42	33	27	40	32	27	39	32	27	37	31	26	24
9	53	39	30	25	51	38	30	25	37	29	24	36	29	24	34	28	24	22
10	50	36	28	22	48	35	27	22	34	27	22	33	26	22	32	26	21	20

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.31

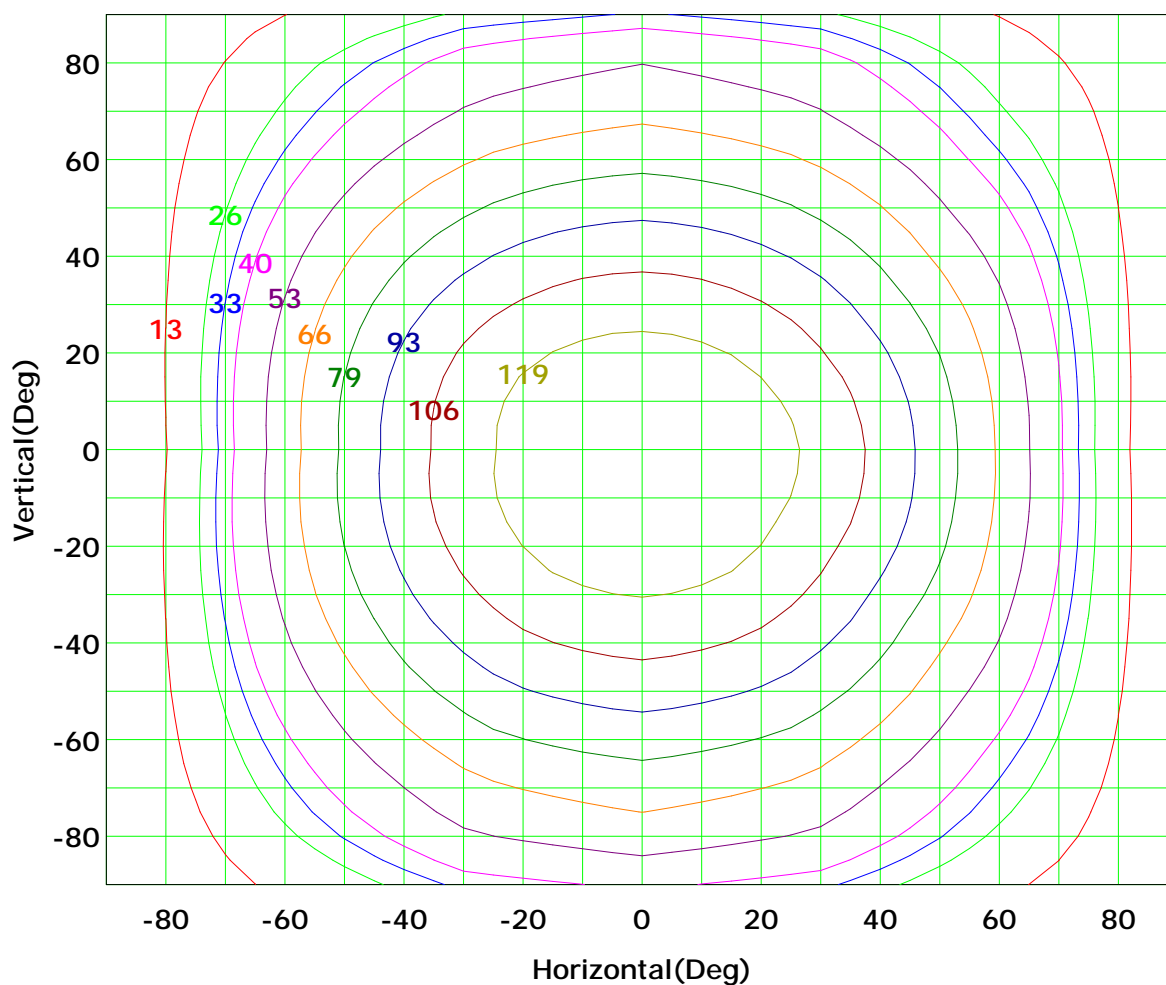
Spacing Criteria (Diagonal): 1.44



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)



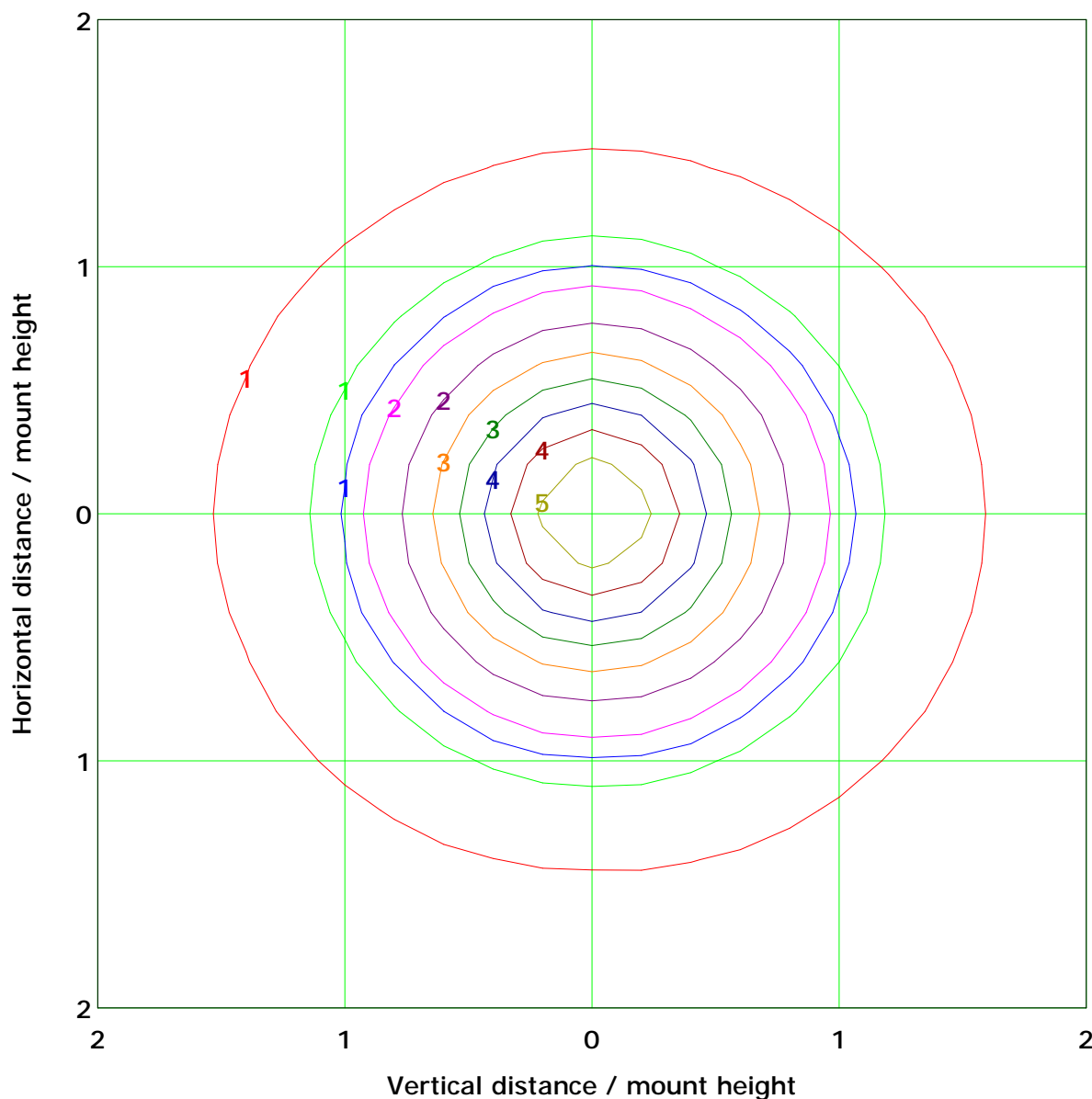
I_{max} (100%): 132 cd

(10%):	13 cd	(20%):	26 cd
(25%):	33 cd	(30%):	40 cd
(40%):	53 cd	(50%):	66 cd
(60%):	79 cd	(70%):	93 cd
(80%):	106 cd	(90%):	119 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%): 5.3 lx	
(10%): 0.5 lx	(20%): 1.1 lx
(25%): 1.3 lx	(30%): 1.6 lx
(40%): 2.1 lx	(50%): 2.6 lx
(60%): 3.2 lx	(70%): 3.7 lx
(80%): 4.2 lx	(90%): 4.8 lx

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

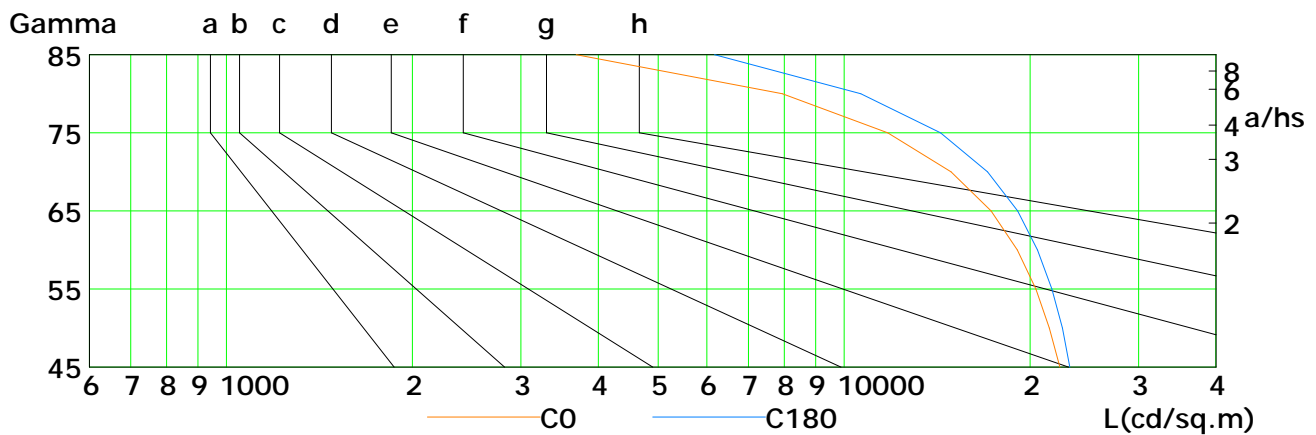
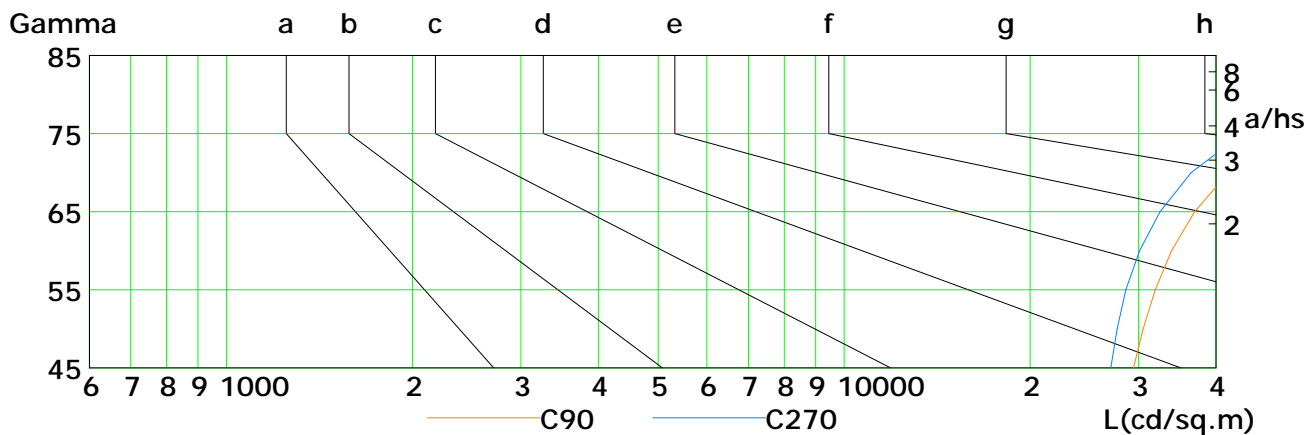
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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

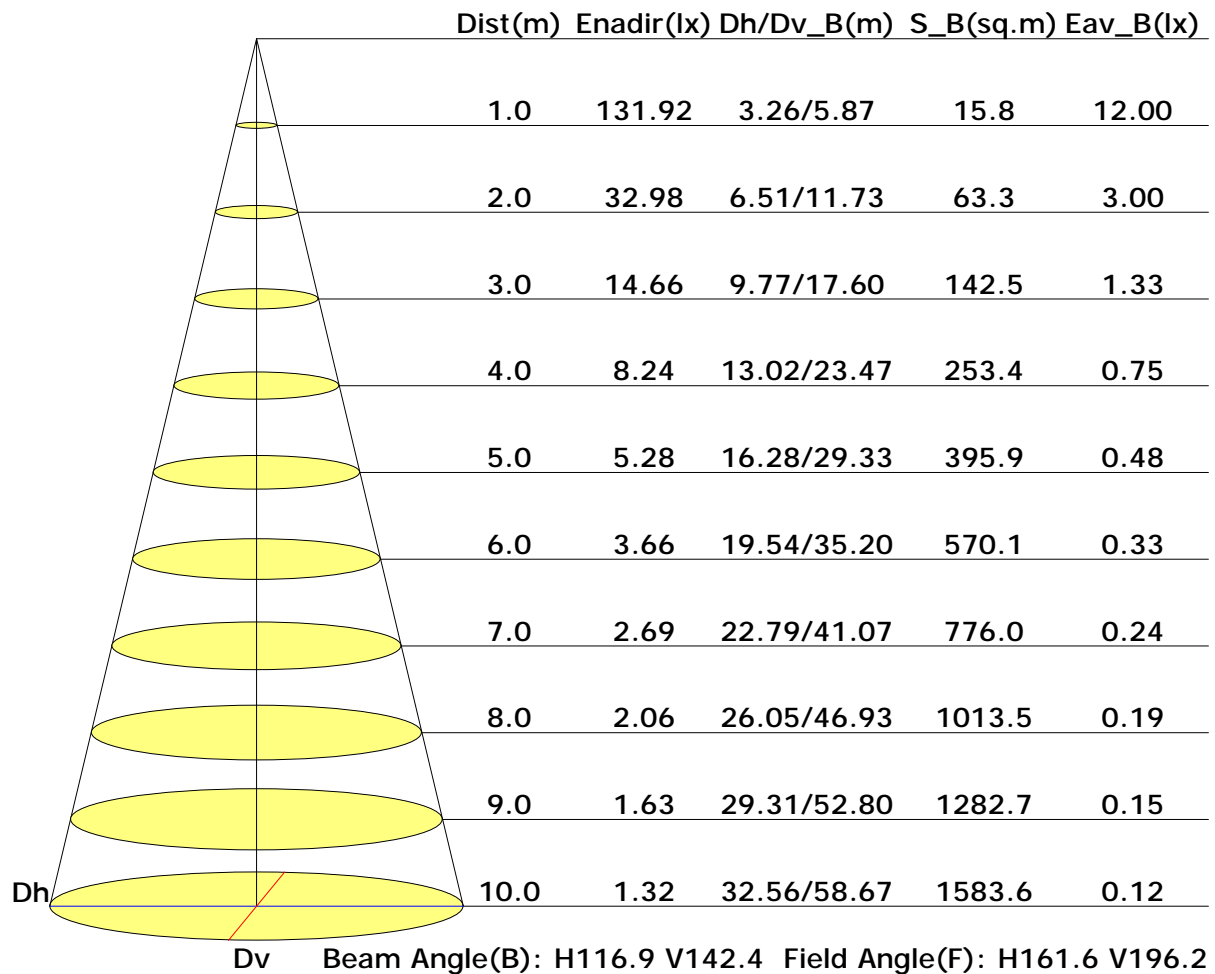


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	22352	21494	20444	19085	17301	14899	11771	7947	3686
C90	29429	30480	31918	33908	36959	41915	50719	67711	114128
C180	23198	22566	21699	20571	19110	17069	14332	10642	6171
C270	27027	27683	28599	30092	32487	36475	44116	59671	97422

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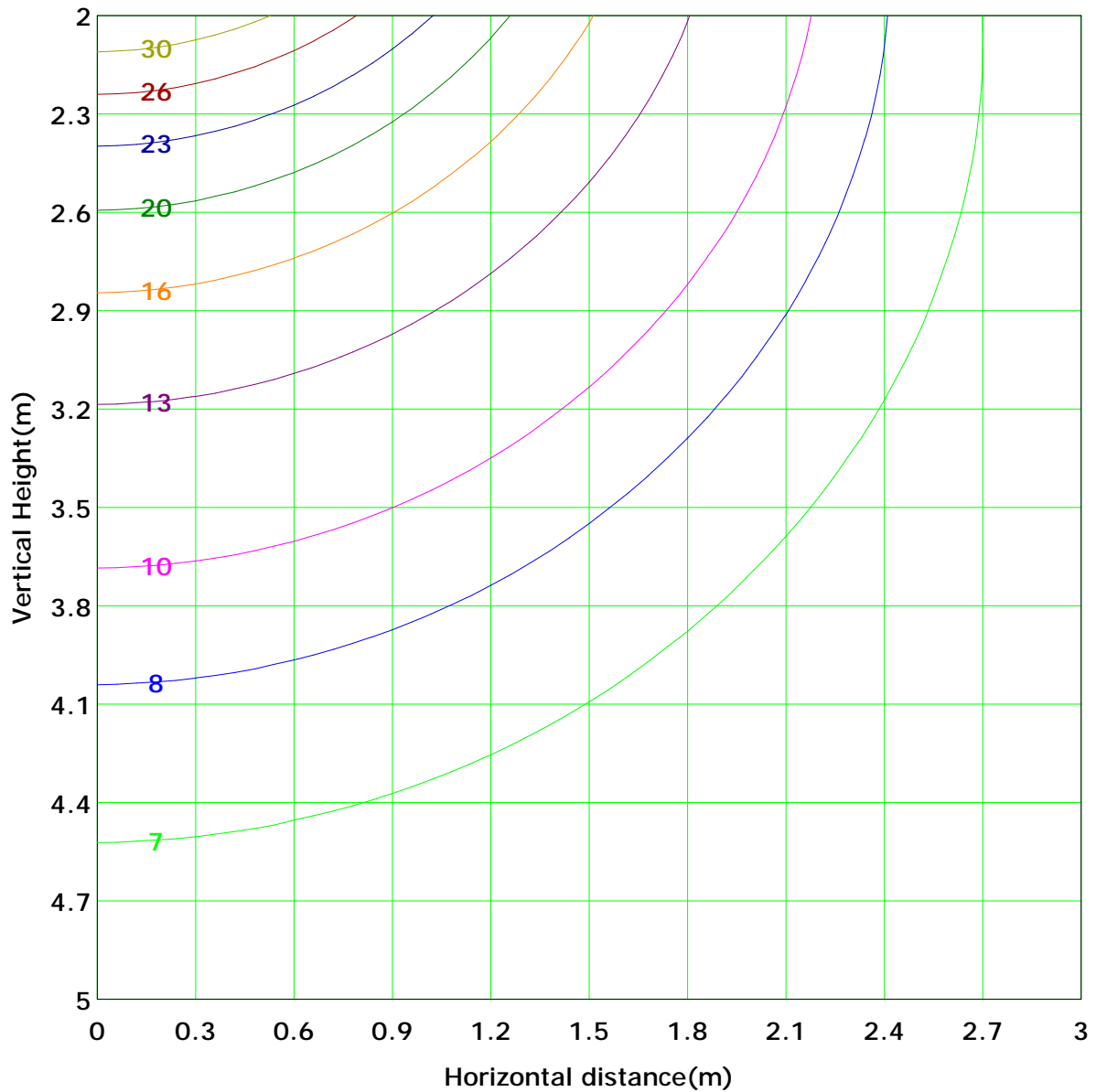
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 33.0 lx
(10%): 3.3 lx	(20%): 6.6 lx	(30%): 9.9 lx
(25%): 8.2 lx	(40%): 13.2 lx	(50%): 16.5 lx
(60%): 19.8 lx	(70%): 23.1 lx	(80%): 26.4 lx
(90%): 29.7 lx		

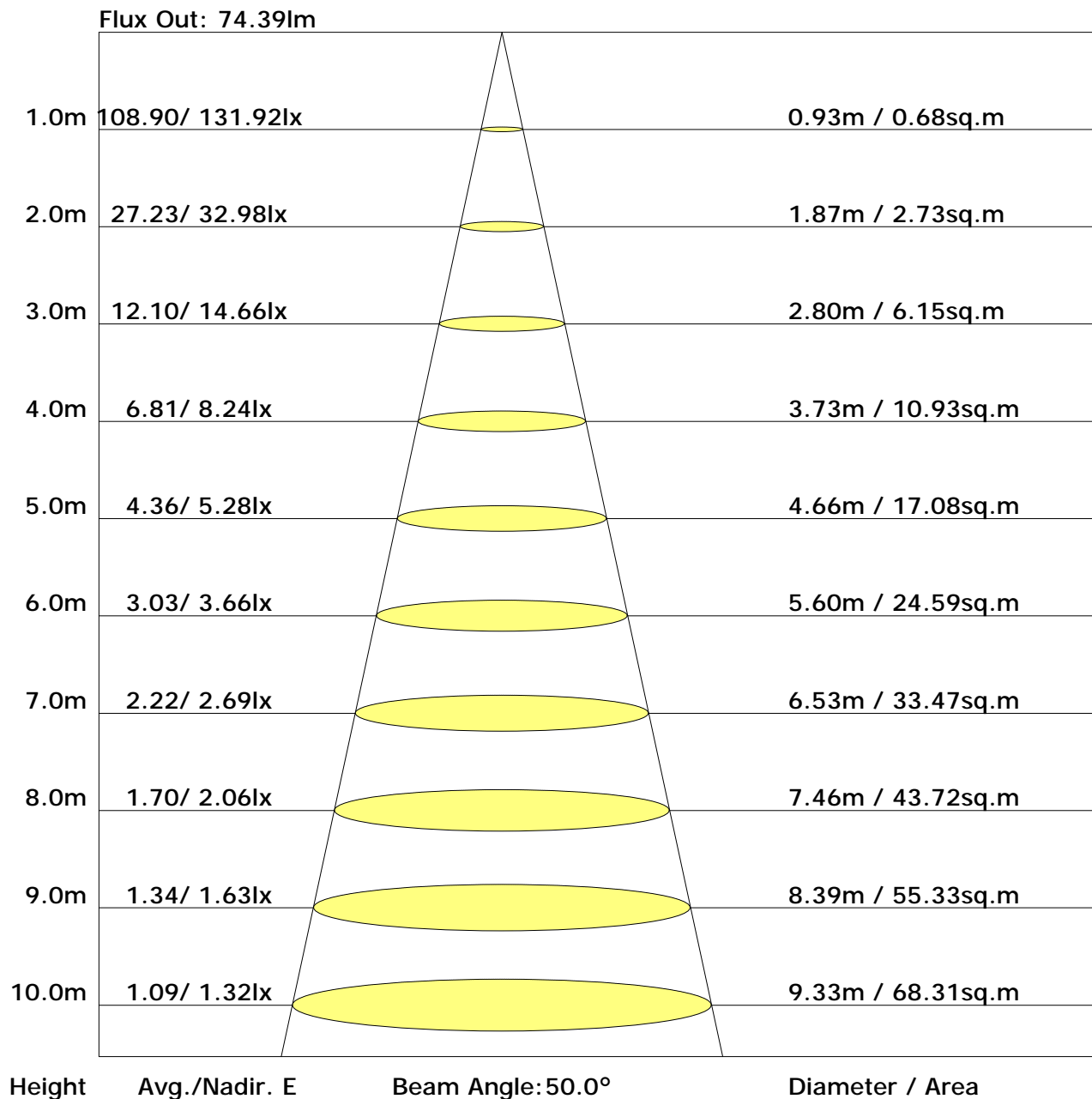
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Kerr

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	25.1	26.7	25.5	27.1	27.5	26.1	27.8	26.5	28.2	28.6
3H	26.9	28.4	27.3	28.8	29.3	28.7	30.2	29.1	30.6	31.1
4H	27.6	29.0	28.0	29.4	29.9	30.0	31.4	30.4	31.9	32.3
6H	28.0	29.4	28.5	29.8	30.3	31.3	32.7	31.8	33.1	33.6
8H	28.1	29.4	28.6	29.9	30.4	31.9	33.3	32.4	33.7	34.2
12H	28.2	29.5	28.7	29.9	30.4	32.6	33.8	33.1	34.3	34.8
X=4H Y=2H	25.9	27.4	26.4	27.8	28.2	26.8	28.2	27.2	28.6	29.1
3H	28.0	29.3	28.5	29.7	30.2	29.7	30.9	30.1	31.4	31.8
4H	28.9	30.0	29.4	30.5	31.0	31.1	32.3	31.6	32.8	33.3
6H	29.5	30.5	30.0	31.0	31.6	32.7	33.7	33.2	34.2	34.7
8H	29.7	30.7	30.2	31.2	31.7	33.4	34.4	33.9	34.9	35.4
12H	29.9	30.8	30.4	31.3	31.8	34.1	35.0	34.7	35.5	36.1
X=8H Y=4H	29.6	30.6	30.1	31.1	31.6	31.6	32.5	32.1	33.0	33.6
6H	30.5	31.3	31.1	31.9	32.4	33.3	34.1	33.9	34.7	35.2
8H	30.9	31.6	31.4	32.2	32.7	34.2	35.0	34.8	35.5	36.1
12H	31.2	31.9	31.7	32.4	33.0	35.2	35.8	35.7	36.4	37.0
X=12H Y=4H	29.8	30.7	30.3	31.2	31.8	31.6	32.5	32.1	33.0	33.6
6H	30.9	31.6	31.4	32.1	32.7	33.5	34.2	34.0	34.7	35.3
8H	31.4	32.0	31.9	32.6	33.2	34.5	35.1	35.0	35.7	36.3

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	0.53	0.61	0.69	0.74	0.81	0.86	0.90	0.95	0.98	
	0.30		0.45	0.53	0.61	0.66	0.74	0.80	0.84	0.90	0.94	
	0.20		0.40	0.47	0.54	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	0.77	0.82	0.86	0.90	0.93	
	0.30		0.44	0.52	0.59	0.64	0.71	0.77	0.81	0.86	0.90	
	0.20		0.39	0.46	0.53	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	0.78	0.82	0.86	0.89	
	0.30		0.43	0.50	0.57	0.62	0.69	0.74	0.77	0.82	0.86	
	0.20		0.38	0.45	0.52	0.57	0.65	0.70	0.74	0.79	0.83	
0.00	0.00	0.00	0.36	0.42	0.49	0.54	0.61	0.65	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	1.03	0.89	0.77	0.68	0.56	0.47	0.41	0.33	0.27	
	0.30		0.86	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	0.31	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	0.35	0.29	0.24	
	0.20		0.71	0.64	0.57	0.51	0.44	0.38	0.33	0.27	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	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.25
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.19	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.19	0.21	0.21
	0.20		0.08	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.19
0.30	0.50	0.20	0.18	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.23
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	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	132.2	0.1	0.1	0.03	0.03
1.0-2.0	132.2	0.4	0.5	0.08	0.11
2.0-3.0	132.1	0.6	1.1	0.13	0.24
3.0-4.0	132.0	0.9	2.0	0.18	0.42
4.0-5.0	131.8	1.1	3.2	0.24	0.66
5.0-6.0	131.6	1.4	4.5	0.29	0.94
6.0-7.0	131.4	1.6	6.2	0.34	1.28
7.0-8.0	131.1	1.9	8.0	0.39	1.67
8.0-9.0	130.8	2.1	10.2	0.44	2.11
9.0-10.0	130.5	2.4	12.5	0.49	2.61
10.0-11.0	130.1	2.6	15.1	0.54	3.15
11.0-12.0	129.7	2.8	18.0	0.59	3.74
12.0-13.0	129.2	3.1	21.0	0.64	4.37
13.0-14.0	128.8	3.3	24.3	0.69	5.06
14.0-15.0	128.2	3.5	27.8	0.73	5.79
15.0-16.0	127.7	3.7	31.6	0.78	6.57
16.0-17.0	127.1	4.0	35.5	0.82	7.39
17.0-18.0	126.4	4.2	39.7	0.87	8.26
18.0-19.0	125.8	4.4	44.1	0.91	9.17
19.0-20.0	125.1	4.6	48.7	0.95	10.12
20.0-21.0	124.3	4.8	53.4	0.99	11.11
21.0-22.0	123.5	5.0	58.4	1.03	12.15
22.0-23.0	122.7	5.2	63.6	1.07	13.22
23.0-24.0	121.9	5.3	68.9	1.11	14.33
24.0-25.0	121.0	5.5	74.4	1.14	15.47
25.0-26.0	120.1	5.7	80.1	1.18	16.65
26.0-27.0	119.2	5.8	85.9	1.21	17.86
27.0-28.0	118.2	6.0	91.9	1.24	19.11
28.0-29.0	117.1	6.1	98.0	1.27	20.38
29.0-30.0	116.1	6.3	104.3	1.30	21.69
30.0-31.0	115.0	6.4	110.7	1.33	23.02
31.0-32.0	113.9	6.5	117.2	1.36	24.38
32.0-33.0	112.8	6.6	123.9	1.38	25.76
33.0-34.0	111.6	6.8	130.6	1.41	27.16
34.0-35.0	110.4	6.9	137.5	1.43	28.59
35.0-36.0	109.2	7.0	144.4	1.45	30.03

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	107.9	7.0	151.5	1.46	31.50
37.0-38.0	106.7	7.1	158.6	1.48	32.98
38.0-39.0	105.4	7.2	165.8	1.50	34.48
39.0-40.0	104.0	7.3	173.0	1.51	35.99
40.0-41.0	102.7	7.3	180.3	1.52	37.51
41.0-42.0	101.3	7.4	187.7	1.53	39.04
42.0-43.0	99.9	7.4	195.1	1.54	40.58
43.0-44.0	98.5	7.4	202.5	1.55	42.12
44.0-45.0	97.0	7.5	210.0	1.55	43.67
45.0-46.0	95.5	7.5	217.5	1.55	45.23
46.0-47.0	94.0	7.5	224.9	1.56	46.78
47.0-48.0	92.5	7.5	232.4	1.56	48.34
48.0-49.0	91.0	7.5	239.9	1.55	49.89
49.0-50.0	89.4	7.5	247.3	1.55	51.44
50.0-51.0	87.8	7.4	254.8	1.54	52.98
51.0-52.0	86.1	7.4	262.2	1.54	54.52
52.0-53.0	84.5	7.4	269.5	1.53	56.05
53.0-54.0	82.9	7.3	276.8	1.52	57.57
54.0-55.0	81.2	7.2	284.1	1.51	59.08
55.0-56.0	79.5	7.2	291.3	1.49	60.57
56.0-57.0	77.8	7.1	298.4	1.48	62.05
57.0-58.0	76.1	7.0	305.4	1.46	63.52
58.0-59.0	74.4	7.0	312.4	1.45	64.96
59.0-60.0	72.6	6.9	319.2	1.43	66.39
60.0-61.0	70.9	6.8	326.0	1.41	67.80
61.0-62.0	69.2	6.7	332.7	1.39	69.18
62.0-63.0	67.4	6.6	339.2	1.36	70.55
63.0-64.0	65.6	6.4	345.7	1.34	71.89
64.0-65.0	63.9	6.3	352.0	1.32	73.20
65.0-66.0	62.2	6.2	358.2	1.29	74.49
66.0-67.0	60.4	6.1	364.3	1.26	75.75
67.0-68.0	58.7	5.9	370.2	1.24	76.99
68.0-69.0	56.9	5.8	376.0	1.21	78.20
69.0-70.0	55.2	5.7	381.7	1.18	79.38
70.0-71.0	53.5	5.5	387.2	1.15	80.53
71.0-72.0	51.9	5.4	392.6	1.12	81.65

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	50.2	5.3	397.9	1.09	82.74
73.0-74.0	48.6	5.1	403.0	1.06	83.81
74.0-75.0	47.0	5.0	408.0	1.03	84.84
75.0-76.0	45.5	4.8	412.8	1.00	85.84
76.0-77.0	43.9	4.7	417.5	0.97	86.82
77.0-78.0	42.4	4.5	422.0	0.94	87.76
78.0-79.0	40.9	4.4	426.4	0.91	88.68
79.0-80.0	39.4	4.3	430.7	0.88	89.56
80.0-81.0	37.9	4.1	434.8	0.85	90.42
81.0-82.0	36.4	3.9	438.7	0.82	91.24
82.0-83.0	34.8	3.8	442.5	0.79	92.02
83.0-84.0	33.1	3.6	446.1	0.75	92.77
84.0-85.0	31.4	3.4	449.5	0.71	93.48
85.0-86.0	29.6	3.2	452.7	0.67	94.16
86.0-87.0	27.7	3.0	455.8	0.63	94.79
87.0-88.0	25.9	2.8	458.6	0.59	95.38
88.0-89.0	24.1	2.6	461.3	0.55	95.93
89.0-90.0	22.5	2.5	463.7	0.51	96.44
90.0-91.0	20.8	2.3	466.0	0.47	96.91
91.0-92.0	18.9	2.1	468.1	0.43	97.34
92.0-93.0	16.6	1.8	469.9	0.38	97.72
93.0-94.0	14.1	1.5	471.4	0.32	98.04
94.0-95.0	11.6	1.3	472.7	0.26	98.31
95.0-96.0	9.3	1.0	473.7	0.21	98.52
96.0-97.0	7.2	0.8	474.5	0.16	98.68
97.0-98.0	5.7	0.6	475.1	0.13	98.81
98.0-99.0	4.6	0.5	475.6	0.10	98.91
99.0-100.0	3.7	0.4	476.0	0.08	99.00
100.0-101.0	2.9	0.3	476.3	0.06	99.06
101.0-102.0	2.2	0.2	476.6	0.05	99.11
102.0-103.0	1.6	0.2	476.7	0.04	99.15
103.0-104.0	1.1	0.1	476.9	0.03	99.17
104.0-105.0	0.9	0.1	477.0	0.02	99.19
105.0-106.0	0.7	0.1	477.0	0.02	99.21
106.0-107.0	0.6	0.1	477.1	0.01	99.22
107.0-108.0	0.6	0.1	477.2	0.01	99.23

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	0.6	0.1	477.2	0.01	99.25
109.0-110.0	0.6	0.1	477.3	0.01	99.26
110.0-111.0	0.6	0.1	477.3	0.01	99.27
111.0-112.0	0.6	0.1	477.4	0.01	99.29
112.0-113.0	0.6	0.1	477.5	0.01	99.30
113.0-114.0	0.6	0.1	477.5	0.01	99.31
114.0-115.0	0.7	0.1	477.6	0.01	99.33
115.0-116.0	0.7	0.1	477.7	0.01	99.34
116.0-117.0	0.7	0.1	477.7	0.01	99.35
117.0-118.0	0.7	0.1	477.8	0.01	99.37
118.0-119.0	0.7	0.1	477.9	0.01	99.38
119.0-120.0	0.7	0.1	477.9	0.01	99.40
120.0-121.0	0.7	0.1	478.0	0.01	99.41
121.0-122.0	0.8	0.1	478.1	0.01	99.43
122.0-123.0	0.8	0.1	478.2	0.01	99.44
123.0-124.0	0.8	0.1	478.2	0.01	99.46
124.0-125.0	0.8	0.1	478.3	0.01	99.47
125.0-126.0	0.8	0.1	478.4	0.01	99.49
126.0-127.0	0.8	0.1	478.4	0.01	99.50
127.0-128.0	0.8	0.1	478.5	0.01	99.51
128.0-129.0	0.8	0.1	478.6	0.01	99.53
129.0-130.0	0.8	0.1	478.6	0.01	99.54
130.0-131.0	0.8	0.1	478.7	0.01	99.56
131.0-132.0	0.9	0.1	478.8	0.01	99.57
132.0-133.0	0.9	0.1	478.9	0.01	99.59
133.0-134.0	0.9	0.1	478.9	0.01	99.60
134.0-135.0	0.9	0.1	479.0	0.01	99.62
135.0-136.0	0.9	0.1	479.1	0.01	99.63
136.0-137.0	0.9	0.1	479.1	0.01	99.64
137.0-138.0	0.9	0.1	479.2	0.01	99.66
138.0-139.0	0.9	0.1	479.3	0.01	99.67
139.0-140.0	0.9	0.1	479.3	0.01	99.69
140.0-141.0	0.9	0.1	479.4	0.01	99.70
141.0-142.0	0.9	0.1	479.5	0.01	99.71
142.0-143.0	1.0	0.1	479.5	0.01	99.73
143.0-144.0	1.0	0.1	479.6	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	1.0	0.1	479.7	0.01	99.75
145.0-146.0	1.0	0.1	479.7	0.01	99.76
146.0-147.0	1.0	0.1	479.8	0.01	99.78
147.0-148.0	1.0	0.1	479.8	0.01	99.79
148.0-149.0	1.0	0.1	479.9	0.01	99.80
149.0-150.0	1.0	0.1	479.9	0.01	99.81
150.0-151.0	1.0	0.1	480.0	0.01	99.82
151.0-152.0	1.0	0.1	480.0	0.01	99.83
152.0-153.0	1.0	0.1	480.1	0.01	99.85
153.0-154.0	1.0	0.1	480.1	0.01	99.86
154.0-155.0	1.0	0.0	480.2	0.01	99.87
155.0-156.0	1.0	0.0	480.2	0.01	99.88
156.0-157.0	1.0	0.0	480.3	0.01	99.89
157.0-158.0	1.1	0.0	480.3	0.01	99.89
158.0-159.0	1.1	0.0	480.4	0.01	99.90
159.0-160.0	1.1	0.0	480.4	0.01	99.91
160.0-161.0	1.1	0.0	480.5	0.01	99.92
161.0-162.0	1.1	0.0	480.5	0.01	99.93
162.0-163.0	1.1	0.0	480.5	0.01	99.94
163.0-164.0	1.1	0.0	480.6	0.01	99.94
164.0-165.0	1.1	0.0	480.6	0.01	99.95
165.0-166.0	1.1	0.0	480.6	0.01	99.96
166.0-167.0	1.1	0.0	480.7	0.01	99.96
167.0-168.0	1.1	0.0	480.7	0.01	99.97
168.0-169.0	1.1	0.0	480.7	0.01	99.97
169.0-170.0	1.1	0.0	480.7	0.00	99.98
170.0-171.0	1.1	0.0	480.8	0.00	99.98
171.0-172.0	1.1	0.0	480.8	0.00	99.99
172.0-173.0	1.1	0.0	480.8	0.00	99.99
173.0-174.0	1.2	0.0	480.8	0.00	99.99
174.0-175.0	1.1	0.0	480.8	0.00	99.99
175.0-176.0	1.2	0.0	480.8	0.00	100.00
176.0-177.0	1.2	0.0	480.8	0.00	100.00
177.0-178.0	1.2	0.0	480.8	0.00	100.00
178.0-179.0	1.2	0.0	480.8	0.00	100.00
179.0-180.0	1.2	0.0	480.8	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: