

Report No.:

Test Time: 2020/4/28 14:45

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: RBMC20241.0R-140-0.5M

Luminaire Description: RBMC20241.0R-140-0.5M

Luminous Length (mm): 50

Luminous Width (mm): 5

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.073 A

Power: 1.74 W

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 61.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H166.1,H123.4

Vertical Diffuse Angle(10%,50%): V168,V125.7

Luminaire Efficacy Rating (LER): 35

Max. Intensity: 18.46 cd

Total Rated Lamp Lumens: 61.1 lm

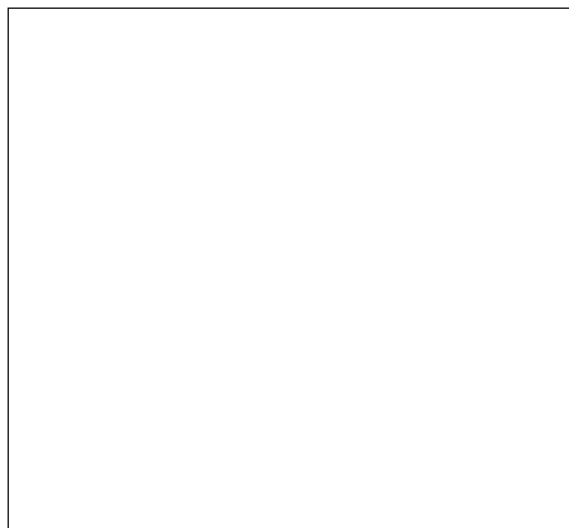
Efficiency: 100%

Upward Ratio: 1%

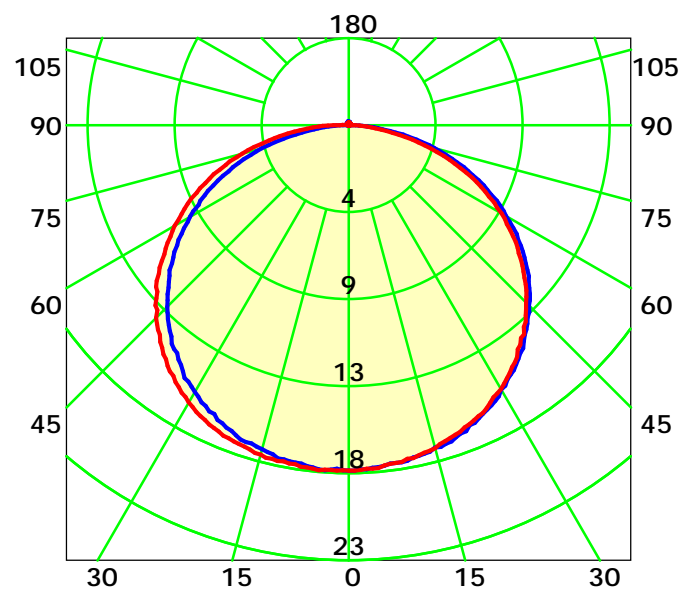
Central Intensity: 18.38 cd

Pos of Max. Intensity: H150 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 124.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0: 1.0

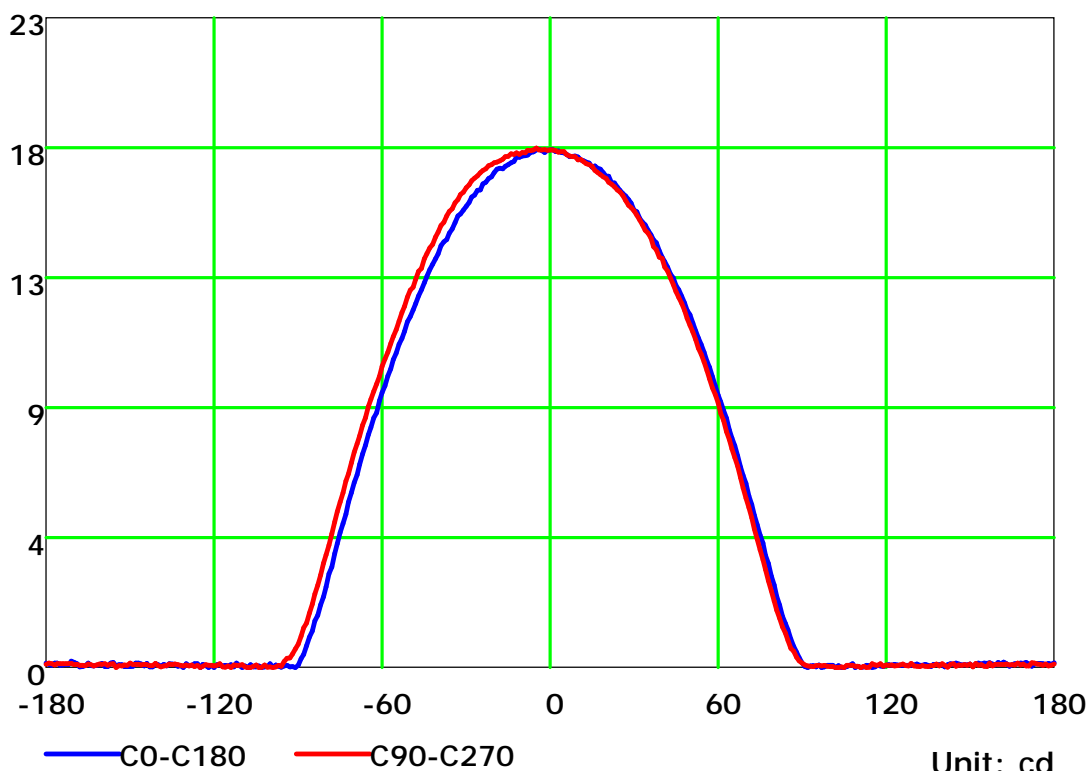
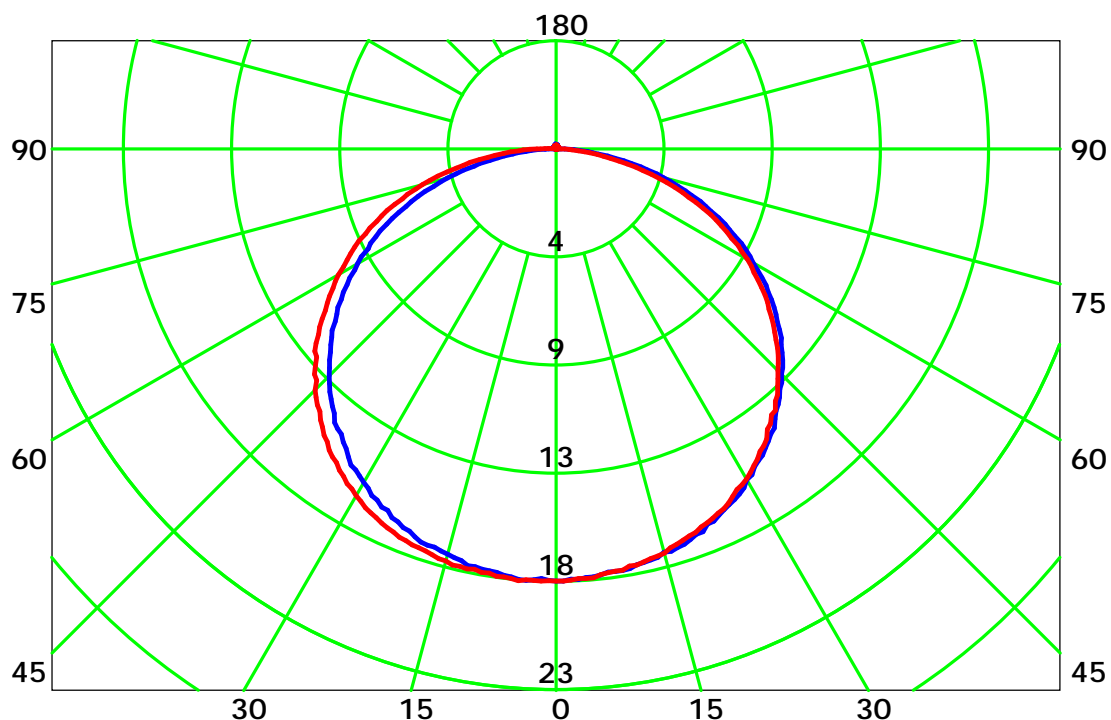
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

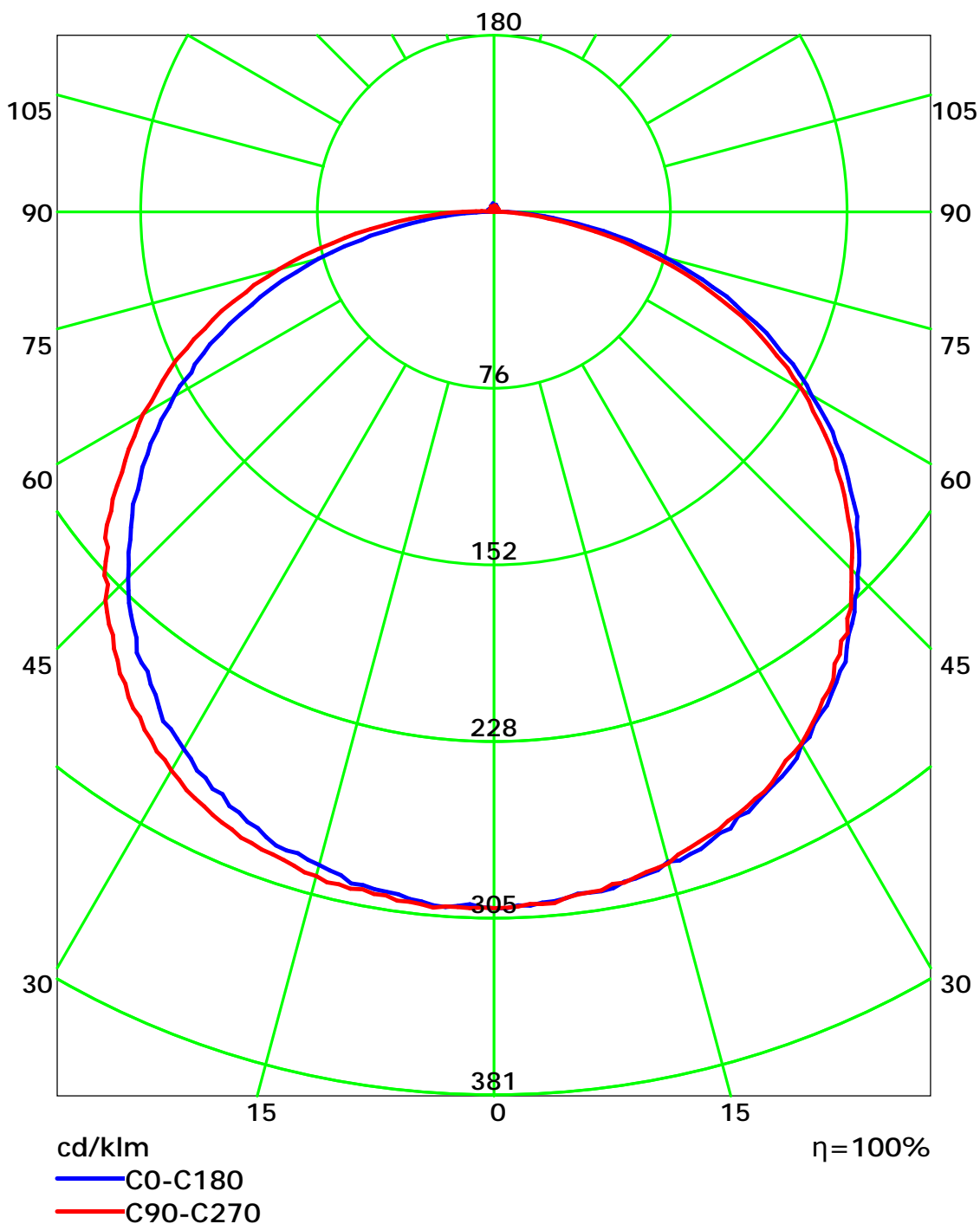
## Luminous Intensity Distribution Curve



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

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: ACOLYTE  
Test Type: TYPE C  
Temperature: 25  
Operator: Zk

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

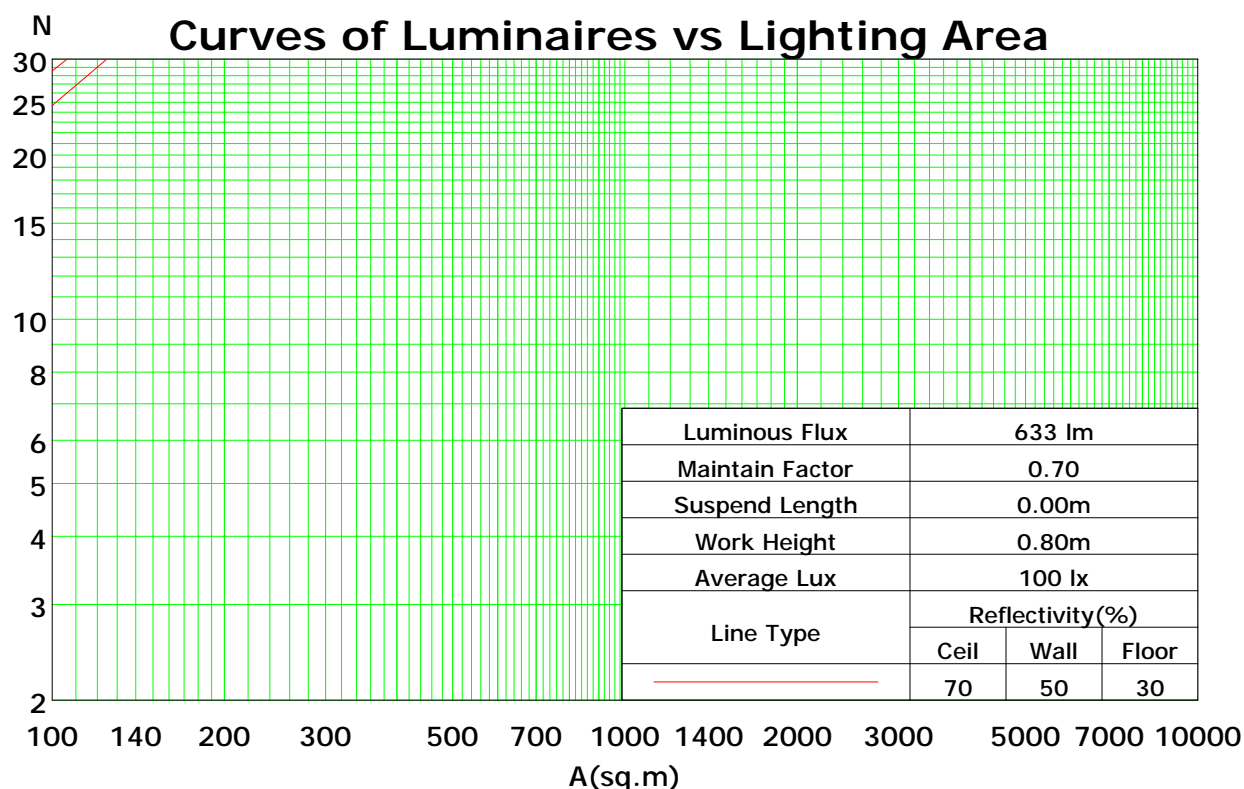
## Coefficients Of Utilization - Zonal Cavity Method

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	102	98	94	105	100	96	92	96	92	89	92	89	86	88	85	83	81
2	97	88	81	75	94	86	80	74	83	77	72	79	75	70	76	72	69	66
3	88	77	69	62	86	75	67	61	72	65	60	69	64	59	67	62	57	55
4	81	68	59	52	78	67	58	51	64	56	50	61	55	50	59	53	49	47
5	74	60	51	44	72	59	50	44	57	49	43	55	48	43	53	47	42	40
6	68	54	45	38	66	53	44	38	51	43	38	49	42	37	48	42	37	35
7	63	49	40	34	61	48	40	33	46	39	33	45	38	33	43	37	32	30
8	59	45	36	30	57	44	35	30	42	35	29	41	34	29	40	34	29	27
9	55	41	32	27	53	40	32	27	39	32	26	38	31	26	37	31	26	24
10	51	38	29	24	50	37	29	24	36	29	24	35	28	24	34	28	24	22

Spacing Criteria (0-180): 1.32

Spacing Criteria (90-270): 1.34

Spacing Criteria (Diagonal): 1.46



C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0: 1.0

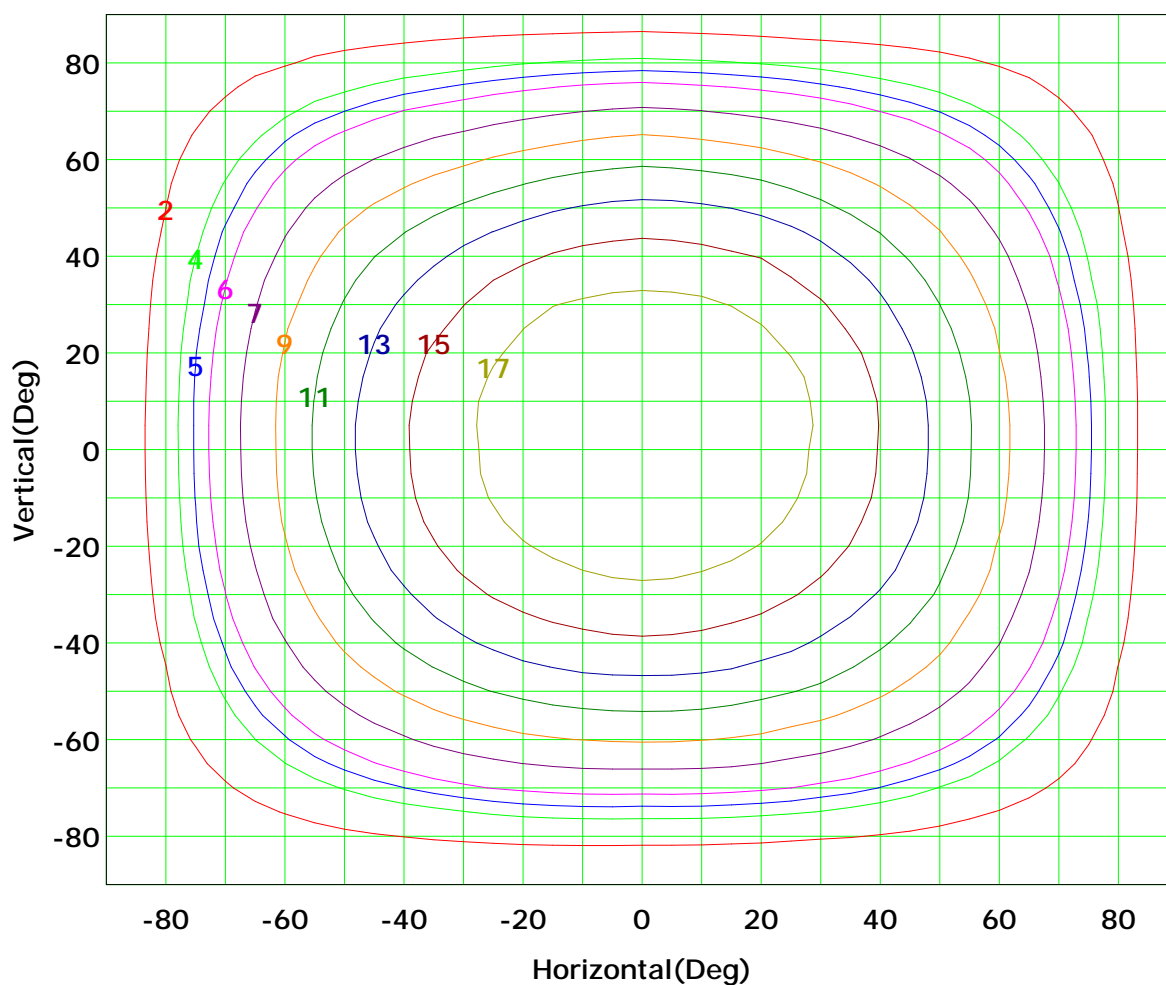
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



Imax (100%): 18 cd

( 10%):	2 cd	( 20%):	4 cd
( 25%):	5 cd	( 30%):	6 cd
( 40%):	7 cd	( 50%):	9 cd
( 60%):	11 cd	( 70%):	13 cd
( 80%):	15 cd	( 90%):	17 cd

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0:1.0

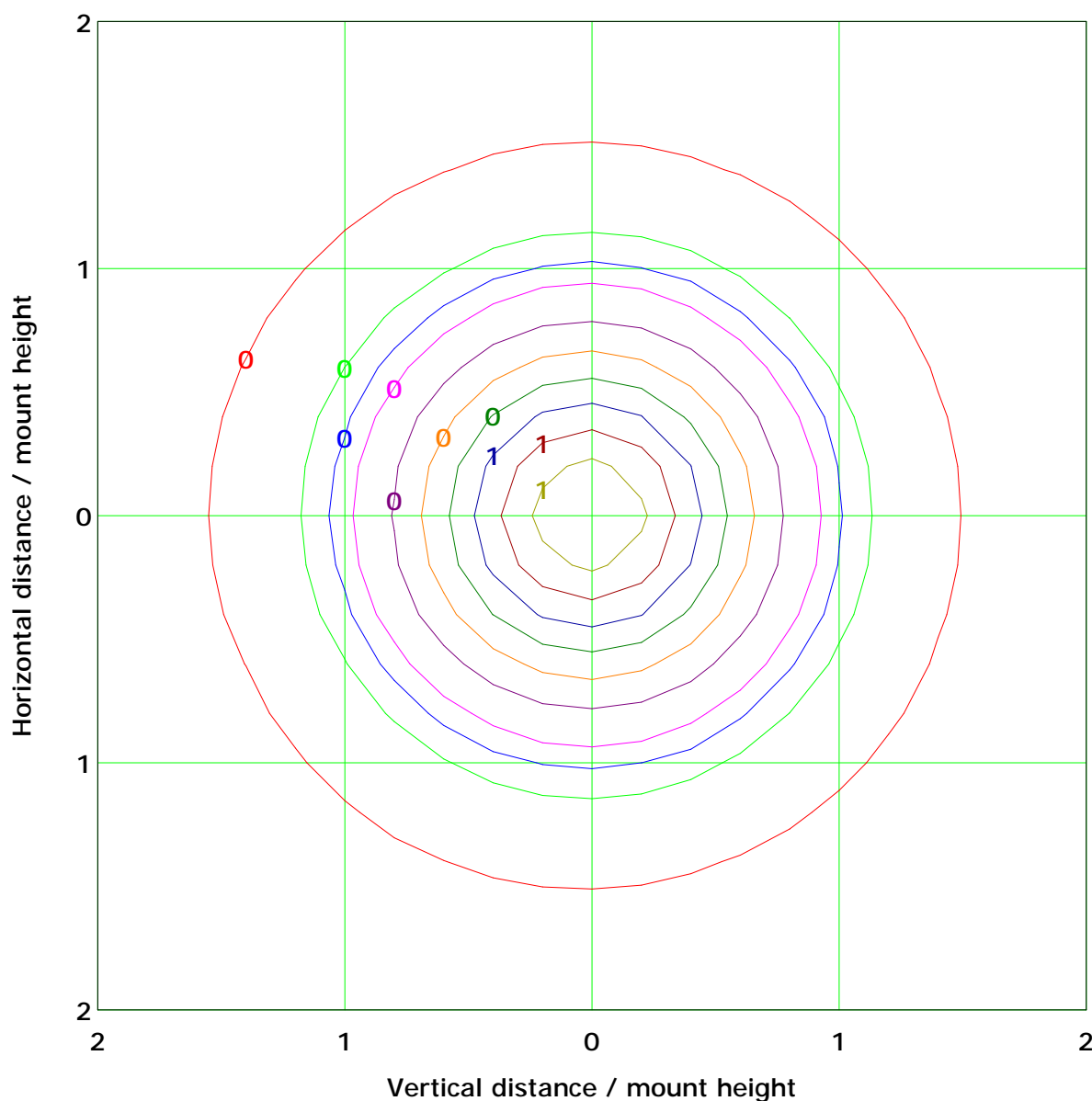
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.7 lx

( 10%): 0.1 lx	( 20%): 0.1 lx
( 25%): 0.2 lx	( 30%): 0.2 lx
( 40%): 0.3 lx	( 50%): 0.4 lx
( 60%): 0.4 lx	( 70%): 0.5 lx
( 80%): 0.6 lx	( 90%): 0.7 lx

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

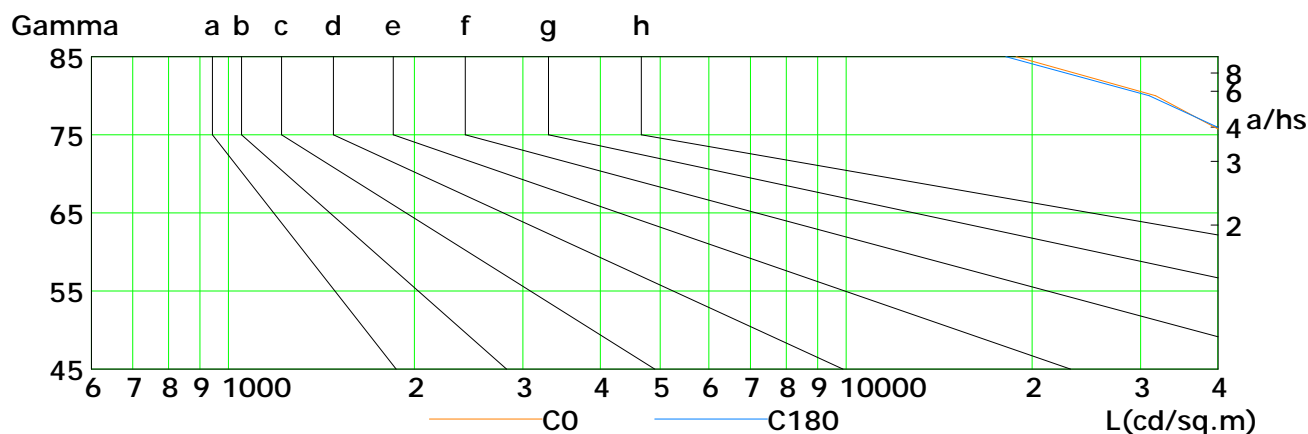
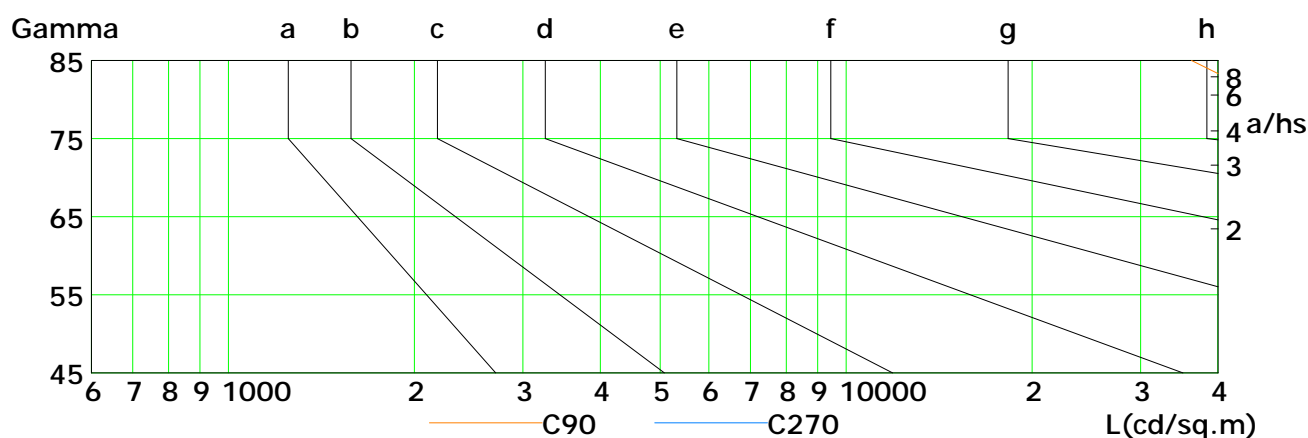
Humidity: 60%

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	63970	62915	60753	57456	53984	49362	41681	31731	18855
C90	74038	73848	73632	72682	70517	66627	60258	49032	36235
C180	64394	62613	60536	57991	54779	49589	42477	30976	18157
C270	80472	81446	81294	82734	84040	84808	84562	82754	84050

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0: 1.0

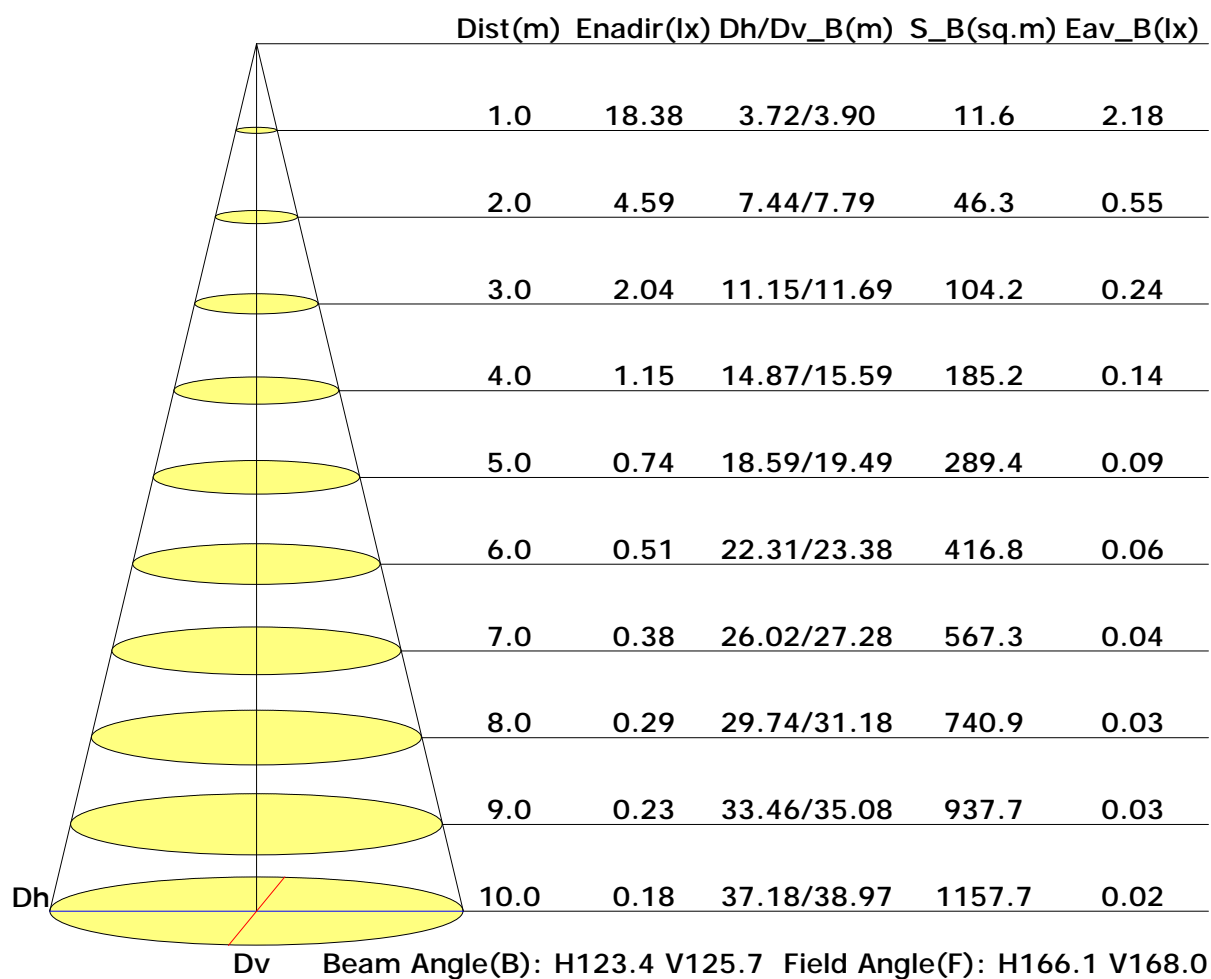
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

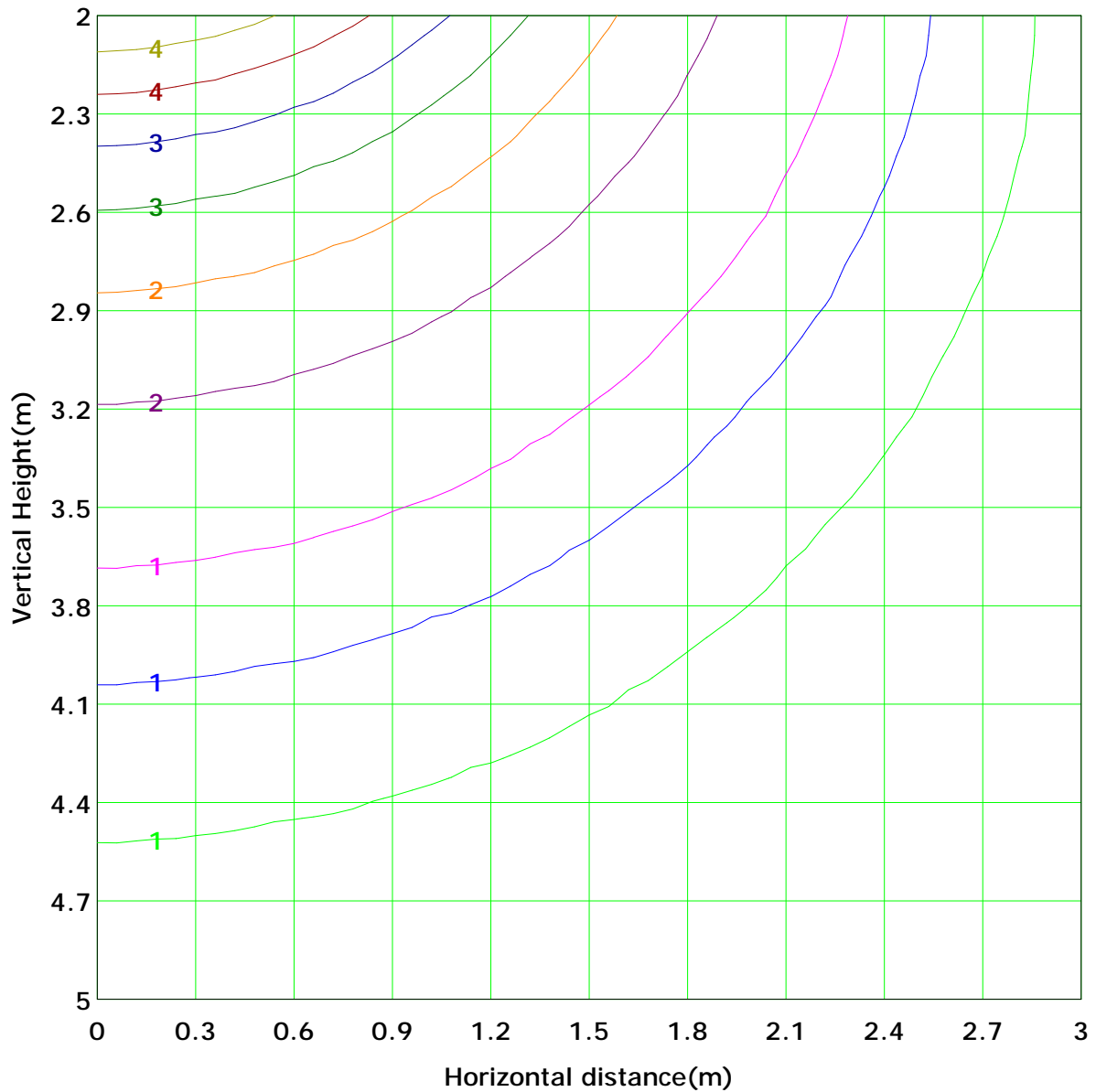
Inspector:

## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 4.6 lx
( 10%): 0.5 lx	( 20%): 0.9 lx	
( 25%): 1.1 lx	( 30%): 1.4 lx	
( 40%): 1.8 lx	( 50%): 2.3 lx	
( 60%): 2.8 lx	( 70%): 3.2 lx	
( 80%): 3.7 lx	( 90%): 4.1 lx	

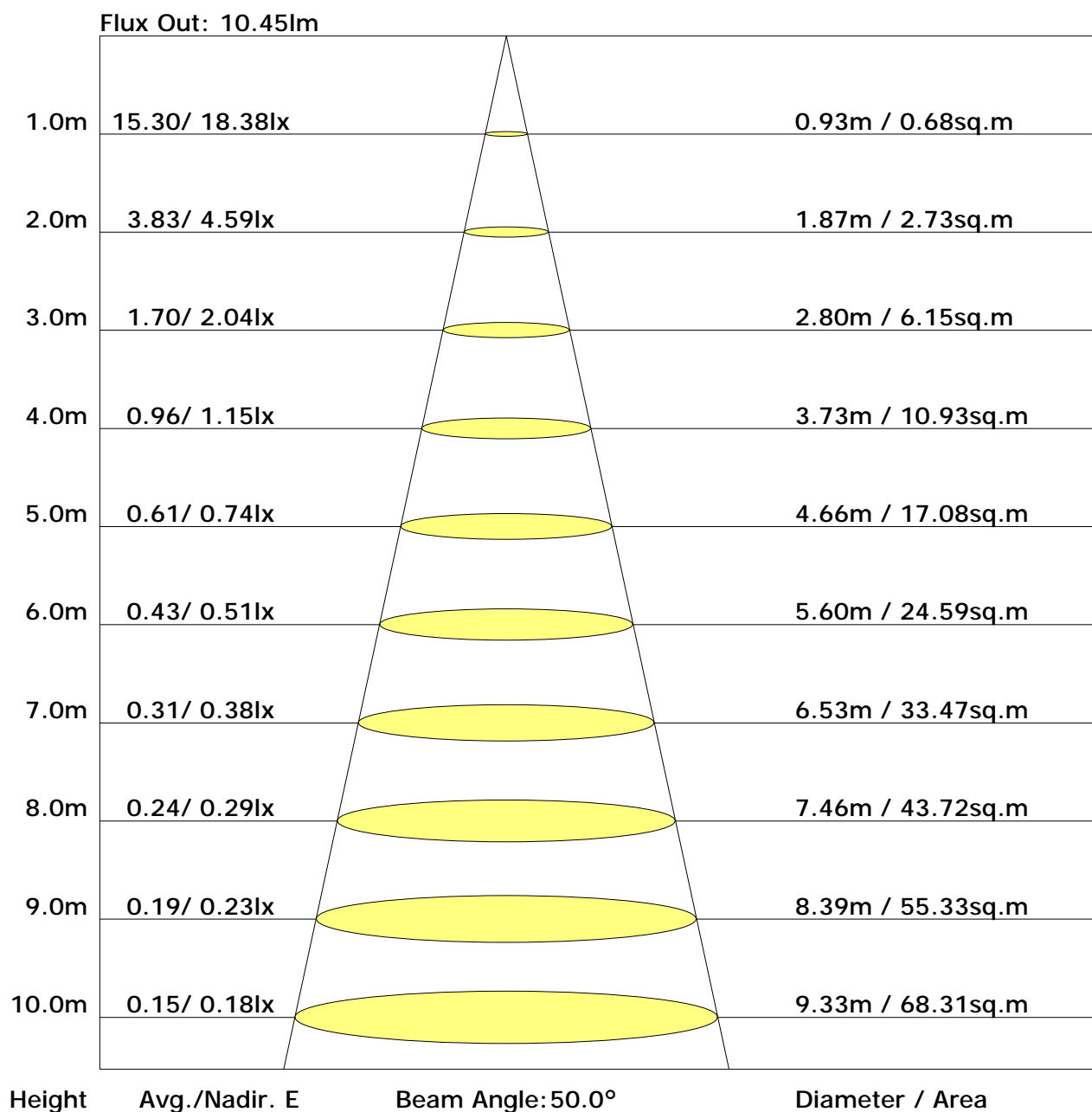
C Plane (°):0.0-360.0: 30.0  
Test Lab: ACOLYTE  
Test Type: TYPE C  
Temperature: 25  
Operator: Zk

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

## Unit: lm

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

## The Average Illuminance Effective Figure



## 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	36.7	38.4	37.1	38.7	39.0	35.9	37.6	36.3	37.9	38.3
3H	38.7	40.2	39.1	40.6	41.0	37.7	39.2	38.0	39.5	39.9
4H	39.5	40.9	39.9	41.3	41.7	38.2	39.7	38.6	40.0	40.4
6H	40.1	41.4	40.5	41.8	42.2	38.6	39.9	39.0	40.3	40.7
8H	40.3	41.5	40.7	41.9	42.4	38.6	39.9	39.1	40.3	40.8
12H	40.4	41.6	40.8	42.0	42.4	38.7	39.9	39.1	40.3	40.8
X=4H Y=2H	37.3	38.7	37.7	39.1	39.5	36.6	38.1	37.0	38.4	38.8
3H	39.6	40.8	40.0	41.2	41.6	38.6	39.8	39.0	40.2	40.6
4H	40.5	41.6	40.9	42.0	42.4	39.3	40.4	39.7	40.8	41.2
6H	41.2	42.1	41.6	42.6	43.1	39.7	40.7	40.2	41.1	41.6
8H	41.4	42.3	41.9	42.8	43.2	39.8	40.7	40.3	41.2	41.7
12H	41.6	42.4	42.0	42.9	43.3	39.9	40.7	40.4	41.2	41.7
X=8H Y=4H	40.8	41.7	41.2	42.1	42.6	39.6	40.5	40.1	41.0	41.5
6H	41.6	42.3	42.1	42.8	43.3	40.1	40.9	40.6	41.4	41.9
8H	41.9	42.6	42.4	43.1	43.6	40.3	41.0	40.8	41.5	42.0
12H	42.1	42.7	42.6	43.2	43.8	40.4	41.0	40.9	41.5	42.1
X=12H Y=4H	40.8	41.6	41.3	42.1	42.6	39.6	40.5	40.1	41.0	41.4
6H	41.6	42.3	42.2	42.8	43.3	40.2	40.9	40.7	41.4	41.9
8H	42.0	42.6	42.5	43.1	43.6	40.4	41.0	40.9	41.5	42.1

Calculate in accordance with CIE 190:2010

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

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	0.57	0.65	0.73	0.78	0.86	0.91	0.94	0.99	1.02
	0.30		0.49	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.98
	0.20		0.43	0.51	0.59	0.65	0.74	0.80	0.84	0.91	0.95
0.50	0.50	0.20	0.55	0.63	0.70	0.75	0.82	0.87	0.90	0.95	0.98
	0.30		0.48	0.56	0.64	0.69	0.77	0.82	0.86	0.91	0.95
	0.20		0.43	0.51	0.58	0.64	0.72	0.78	0.82	0.88	0.92
0.30	0.50	0.20	0.53	0.61	0.68	0.73	0.79	0.84	0.87	0.91	0.94
	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	0.63	0.71	0.76	0.80	0.85	0.89
0.00	0.00	0.00	0.40	0.47	0.55	0.60	0.67	0.72	0.76	0.81	0.84
Rating: 2W 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	0.99	0.85	0.72	0.63	0.51	0.42	0.36	0.28	0.23	
	0.30		0.83	0.73	0.63	0.56	0.46	0.39	0.34	0.27	0.22	
	0.20		0.71	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.82	0.69	0.60	0.48	0.44	0.35	0.27	0.22	
	0.30		0.81	0.71	0.61	0.54	0.44	0.37	0.32	0.26	0.21	
	0.20		0.70	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.78	0.66	0.58	0.46	0.39	0.33	0.26	0.21	
	0.30		0.79	0.69	0.59	0.52	0.43	0.36	0.31	0.25	0.20	
	0.20		0.69	0.62	0.54	0.48	0.40	0.34	0.29	0.24	0.19	
0.00	0.00	0.00	0.59	0.52	0.45	0.40	0.32	0.27	0.24	0.19	0.15	
Rating: 2W 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	0.19	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		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.19	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	0.18
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
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: 2W 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	18.4	0.0	0.0	0.03	0.03
1.0-2.0	18.4	0.1	0.1	0.09	0.12
2.0-3.0	18.4	0.1	0.2	0.14	0.26
3.0-4.0	18.3	0.1	0.3	0.20	0.46
4.0-5.0	18.3	0.2	0.4	0.26	0.72
5.0-6.0	18.3	0.2	0.6	0.31	1.03
6.0-7.0	18.3	0.2	0.9	0.37	1.40
7.0-8.0	18.2	0.3	1.1	0.43	1.83
8.0-9.0	18.2	0.3	1.4	0.48	2.31
9.0-10.0	18.2	0.3	1.7	0.54	2.85
10.0-11.0	18.1	0.4	2.1	0.59	3.45
11.0-12.0	18.1	0.4	2.5	0.65	4.09
12.0-13.0	18.1	0.4	2.9	0.70	4.80
13.0-14.0	18.0	0.5	3.4	0.75	5.55
14.0-15.0	18.0	0.5	3.9	0.81	6.36
15.0-16.0	17.9	0.5	4.4	0.86	7.21
16.0-17.0	17.8	0.6	5.0	0.91	8.12
17.0-18.0	17.8	0.6	5.6	0.96	9.08
18.0-19.0	17.7	0.6	6.2	1.01	10.09
19.0-20.0	17.6	0.6	6.8	1.06	11.14
20.0-21.0	17.5	0.7	7.5	1.10	12.25
21.0-22.0	17.5	0.7	8.2	1.15	13.39
22.0-23.0	17.4	0.7	8.9	1.19	14.59
23.0-24.0	17.3	0.8	9.7	1.24	15.82
24.0-25.0	17.2	0.8	10.5	1.28	17.10
25.0-26.0	17.1	0.8	11.3	1.32	18.42
26.0-27.0	17.0	0.8	12.1	1.36	19.78
27.0-28.0	16.8	0.9	12.9	1.39	21.17
28.0-29.0	16.7	0.9	13.8	1.43	22.60
29.0-30.0	16.6	0.9	14.7	1.46	24.07
30.0-31.0	16.4	0.9	15.6	1.50	25.56
31.0-32.0	16.3	0.9	16.6	1.53	27.09
32.0-33.0	16.2	1.0	17.5	1.56	28.65
33.0-34.0	16.0	1.0	18.5	1.58	30.24
34.0-35.0	15.8	1.0	19.5	1.61	31.84
35.0-36.0	15.7	1.0	20.5	1.63	33.48

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	15.5	1.0	21.5	1.66	35.13
37.0-38.0	15.3	1.0	22.5	1.67	36.81
38.0-39.0	15.1	1.0	23.5	1.69	38.50
39.0-40.0	15.0	1.0	24.6	1.71	40.21
40.0-41.0	14.8	1.1	25.6	1.72	41.92
41.0-42.0	14.5	1.1	26.7	1.73	43.65
42.0-43.0	14.3	1.1	27.7	1.74	45.39
43.0-44.0	14.1	1.1	28.8	1.75	47.14
44.0-45.0	13.9	1.1	29.9	1.75	48.89
45.0-46.0	13.7	1.1	31.0	1.75	50.64
46.0-47.0	13.5	1.1	32.0	1.75	52.39
47.0-48.0	13.2	1.1	33.1	1.75	54.14
48.0-49.0	13.0	1.1	34.2	1.74	55.89
49.0-50.0	12.8	1.1	35.2	1.74	57.63
50.0-51.0	12.5	1.1	36.3	1.73	59.36
51.0-52.0	12.3	1.1	37.3	1.72	61.08
52.0-53.0	12.0	1.0	38.4	1.71	62.79
53.0-54.0	11.7	1.0	39.4	1.69	64.48
54.0-55.0	11.5	1.0	40.4	1.68	66.16
55.0-56.0	11.2	1.0	41.4	1.65	67.81
56.0-57.0	10.9	1.0	42.4	1.63	69.45
57.0-58.0	10.6	1.0	43.4	1.61	71.05
58.0-59.0	10.3	1.0	44.4	1.58	72.63
59.0-60.0	10.1	0.9	45.3	1.55	74.19
60.0-61.0	9.8	0.9	46.3	1.52	75.71
61.0-62.0	9.5	0.9	47.2	1.49	77.20
62.0-63.0	9.2	0.9	48.1	1.46	78.66
63.0-64.0	8.8	0.9	48.9	1.42	80.08
64.0-65.0	8.5	0.8	49.8	1.38	81.46
65.0-66.0	8.2	0.8	50.6	1.34	82.81
66.0-67.0	7.9	0.8	51.4	1.30	84.11
67.0-68.0	7.6	0.8	52.2	1.26	85.37
68.0-69.0	7.3	0.7	52.9	1.21	86.58
69.0-70.0	6.9	0.7	53.6	1.16	87.74
70.0-71.0	6.6	0.7	54.3	1.11	88.85
71.0-72.0	6.2	0.6	55.0	1.06	89.91

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	5.9	0.6	55.6	1.01	90.92
73.0-74.0	5.5	0.6	56.2	0.95	91.87
74.0-75.0	5.2	0.5	56.7	0.89	92.76
75.0-76.0	4.8	0.5	57.2	0.83	93.59
76.0-77.0	4.4	0.5	57.7	0.77	94.36
77.0-78.0	4.0	0.4	58.1	0.71	95.07
78.0-79.0	3.7	0.4	58.5	0.64	95.71
79.0-80.0	3.3	0.4	58.9	0.58	96.29
80.0-81.0	2.9	0.3	59.2	0.52	96.81
81.0-82.0	2.6	0.3	59.5	0.46	97.27
82.0-83.0	2.2	0.2	59.7	0.40	97.67
83.0-84.0	1.9	0.2	59.9	0.34	98.01
84.0-85.0	1.6	0.2	60.1	0.29	98.30
85.0-86.0	1.3	0.1	60.2	0.24	98.54
86.0-87.0	1.1	0.1	60.3	0.19	98.73
87.0-88.0	0.8	0.1	60.4	0.15	98.88
88.0-89.0	0.6	0.1	60.5	0.11	99.00
89.0-90.0	0.5	0.1	60.6	0.08	99.08
90.0-91.0	0.3	0.0	60.6	0.06	99.14
91.0-92.0	0.2	0.0	60.6	0.04	99.18
92.0-93.0	0.2	0.0	60.6	0.03	99.21
93.0-94.0	0.1	0.0	60.7	0.02	99.23
94.0-95.0	0.1	0.0	60.7	0.02	99.25
95.0-96.0	0.1	0.0	60.7	0.01	99.26
96.0-97.0	0.1	0.0	60.7	0.01	99.27
97.0-98.0	0.1	0.0	60.7	0.01	99.28
98.0-99.0	0.1	0.0	60.7	0.01	99.29
99.0-100.0	0.0	0.0	60.7	0.01	99.30
100.0-101.0	0.0	0.0	60.7	0.01	99.31
101.0-102.0	0.1	0.0	60.7	0.01	99.31
102.0-103.0	0.0	0.0	60.7	0.01	99.32
103.0-104.0	0.0	0.0	60.7	0.01	99.33
104.0-105.0	0.1	0.0	60.7	0.01	99.34
105.0-106.0	0.1	0.0	60.7	0.01	99.35
106.0-107.0	0.1	0.0	60.7	0.01	99.36
107.0-108.0	0.1	0.0	60.7	0.01	99.37

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.1	0.0	60.7	0.01	99.38
109.0-110.0	0.1	0.0	60.8	0.01	99.39
110.0-111.0	0.1	0.0	60.8	0.01	99.40
111.0-112.0	0.1	0.0	60.8	0.01	99.41
112.0-113.0	0.1	0.0	60.8	0.01	99.42
113.0-114.0	0.1	0.0	60.8	0.01	99.44
114.0-115.0	0.1	0.0	60.8	0.01	99.45
115.0-116.0	0.1	0.0	60.8	0.01	99.46
116.0-117.0	0.1	0.0	60.8	0.01	99.47
117.0-118.0	0.1	0.0	60.8	0.01	99.48
118.0-119.0	0.1	0.0	60.8	0.01	99.49
119.0-120.0	0.1	0.0	60.8	0.01	99.50
120.0-121.0	0.1	0.0	60.8	0.01	99.52
121.0-122.0	0.1	0.0	60.8	0.01	99.53
122.0-123.0	0.1	0.0	60.8	0.01	99.54
123.0-124.0	0.1	0.0	60.8	0.01	99.55
124.0-125.0	0.1	0.0	60.9	0.01	99.56
125.0-126.0	0.1	0.0	60.9	0.01	99.58
126.0-127.0	0.1	0.0	60.9	0.01	99.59
127.0-128.0	0.1	0.0	60.9	0.01	99.60
128.0-129.0	0.1	0.0	60.9	0.01	99.61
129.0-130.0	0.1	0.0	60.9	0.01	99.62
130.0-131.0	0.1	0.0	60.9	0.01	99.64
131.0-132.0	0.1	0.0	60.9	0.01	99.65
132.0-133.0	0.1	0.0	60.9	0.01	99.66
133.0-134.0	0.1	0.0	60.9	0.01	99.67
134.0-135.0	0.1	0.0	60.9	0.01	99.68
135.0-136.0	0.1	0.0	60.9	0.01	99.69
136.0-137.0	0.1	0.0	60.9	0.01	99.71
137.0-138.0	0.1	0.0	60.9	0.01	99.72
138.0-139.0	0.1	0.0	61.0	0.01	99.73
139.0-140.0	0.1	0.0	61.0	0.01	99.74
140.0-141.0	0.1	0.0	61.0	0.01	99.75
141.0-142.0	0.1	0.0	61.0	0.01	99.76
142.0-143.0	0.1	0.0	61.0	0.01	99.77
143.0-144.0	0.1	0.0	61.0	0.01	99.78

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.1	0.0	61.0	0.01	99.79
145.0-146.0	0.1	0.0	61.0	0.01	99.80
146.0-147.0	0.1	0.0	61.0	0.01	99.81
147.0-148.0	0.1	0.0	61.0	0.01	99.82
148.0-149.0	0.1	0.0	61.0	0.01	99.83
149.0-150.0	0.1	0.0	61.0	0.01	99.84
150.0-151.0	0.1	0.0	61.0	0.01	99.85
151.0-152.0	0.1	0.0	61.0	0.01	99.86
152.0-153.0	0.1	0.0	61.0	0.01	99.87
153.0-154.0	0.1	0.0	61.0	0.01	99.88
154.0-155.0	0.1	0.0	61.1	0.01	99.89
155.0-156.0	0.1	0.0	61.1	0.01	99.90
156.0-157.0	0.1	0.0	61.1	0.01	99.90
157.0-158.0	0.1	0.0	61.1	0.01	99.91
158.0-159.0	0.1	0.0	61.1	0.01	99.92
159.0-160.0	0.1	0.0	61.1	0.01	99.93
160.0-161.0	0.1	0.0	61.1	0.01	99.93
161.0-162.0	0.1	0.0	61.1	0.01	99.94
162.0-163.0	0.1	0.0	61.1	0.01	99.95
163.0-164.0	0.1	0.0	61.1	0.01	99.95
164.0-165.0	0.1	0.0	61.1	0.01	99.96
165.0-166.0	0.1	0.0	61.1	0.00	99.96
166.0-167.0	0.1	0.0	61.1	0.00	99.97
167.0-168.0	0.1	0.0	61.1	0.00	99.97
168.0-169.0	0.1	0.0	61.1	0.00	99.98
169.0-170.0	0.1	0.0	61.1	0.00	99.98
170.0-171.0	0.1	0.0	61.1	0.00	99.98
171.0-172.0	0.1	0.0	61.1	0.00	99.99
172.0-173.0	0.1	0.0	61.1	0.00	99.99
173.0-174.0	0.1	0.0	61.1	0.00	99.99
174.0-175.0	0.1	0.0	61.1	0.00	100.00
175.0-176.0	0.1	0.0	61.1	0.00	100.00
176.0-177.0	0.1	0.0	61.1	0.00	100.00
177.0-178.0	0.1	0.0	61.1	0.00	100.00
178.0-179.0	0.1	0.0	61.1	0.00	100.00
179.0-180.0	0.1	0.0	61.1	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Zk

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector: