

Report No.:

Test Time: 2019/10/13 10:18

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RBS29020240.7535 Lamp Catalog: RBS29020240.7535

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.056 A

Power: 1.34 W

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 173.9 lm

Measurement Flux: 173.9 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%): H162.6,H116.8

Vertical Diffuse Angle(10%,50%): V163.6,V117

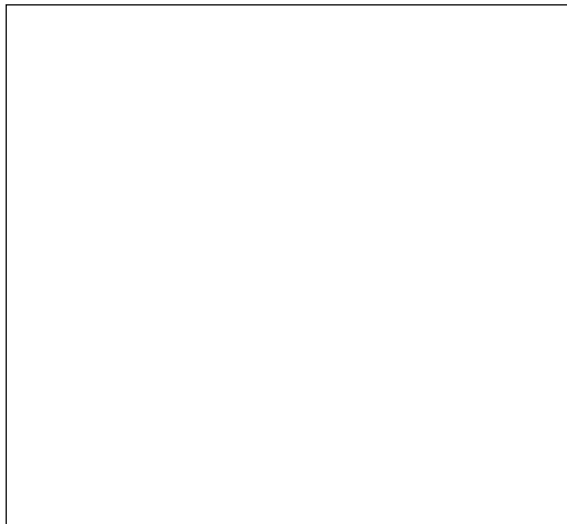
Luminaire Efficacy Rating (LER): 130

Central Intensity: 57.5 cd

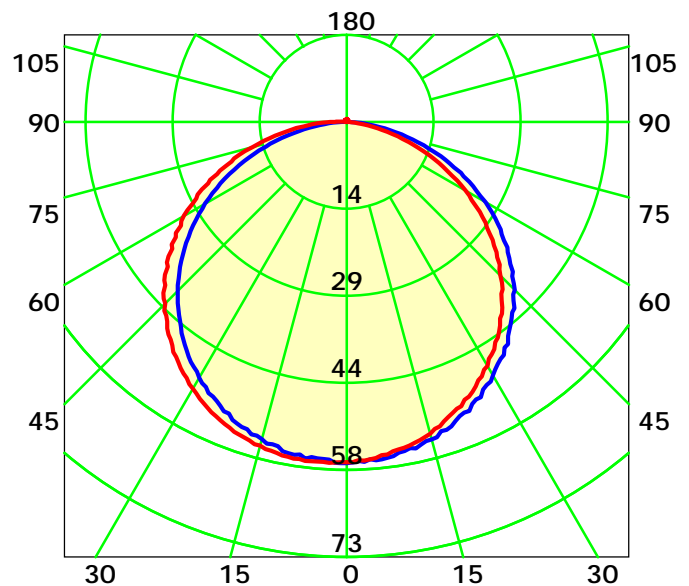
Max. Intensity: 57.75 cd

Pos of Max. Intensity: H300 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.9° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0: 1.0

Test Lab: ACOLYTE

Test Device: GPM-1800B

Test Type: TYPE C

Distance: 9.028 m

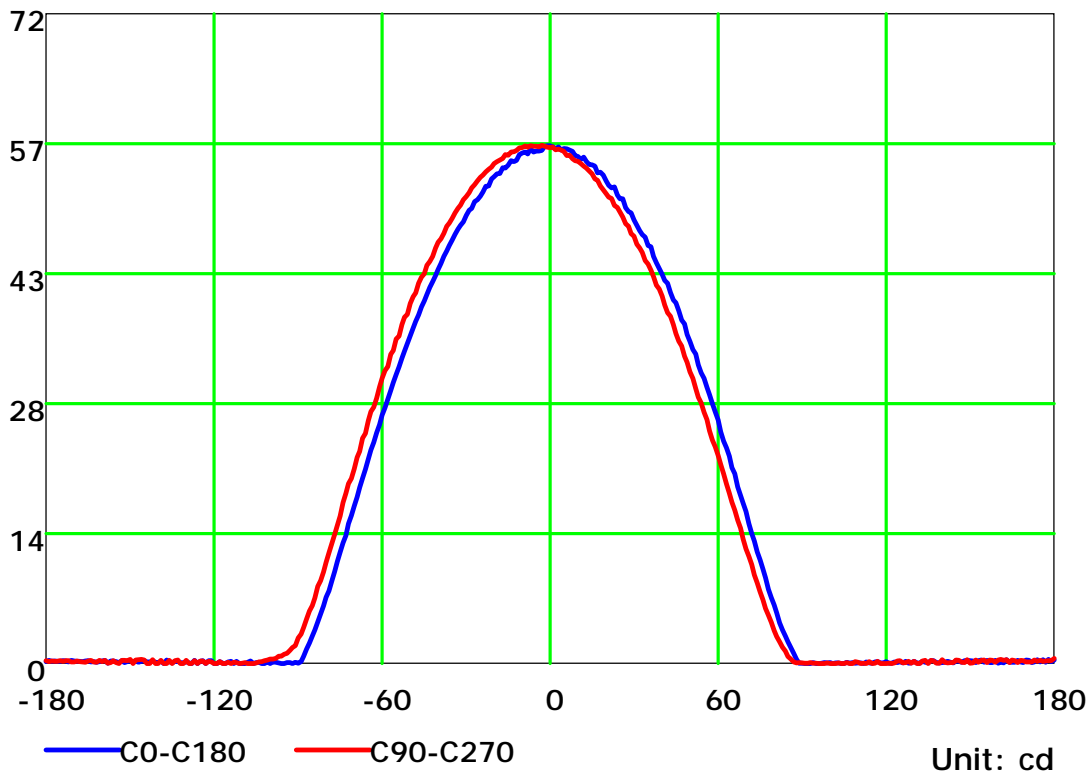
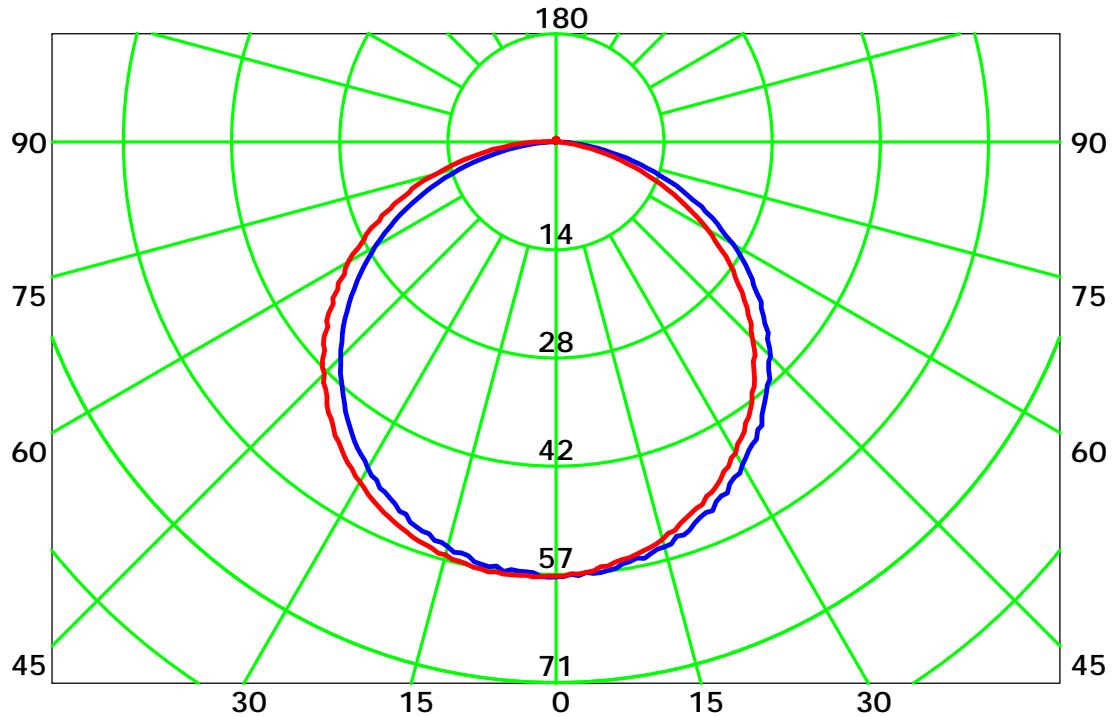
Temperature: 25

Humidity: 60%

Operator: Zk

Inspector:

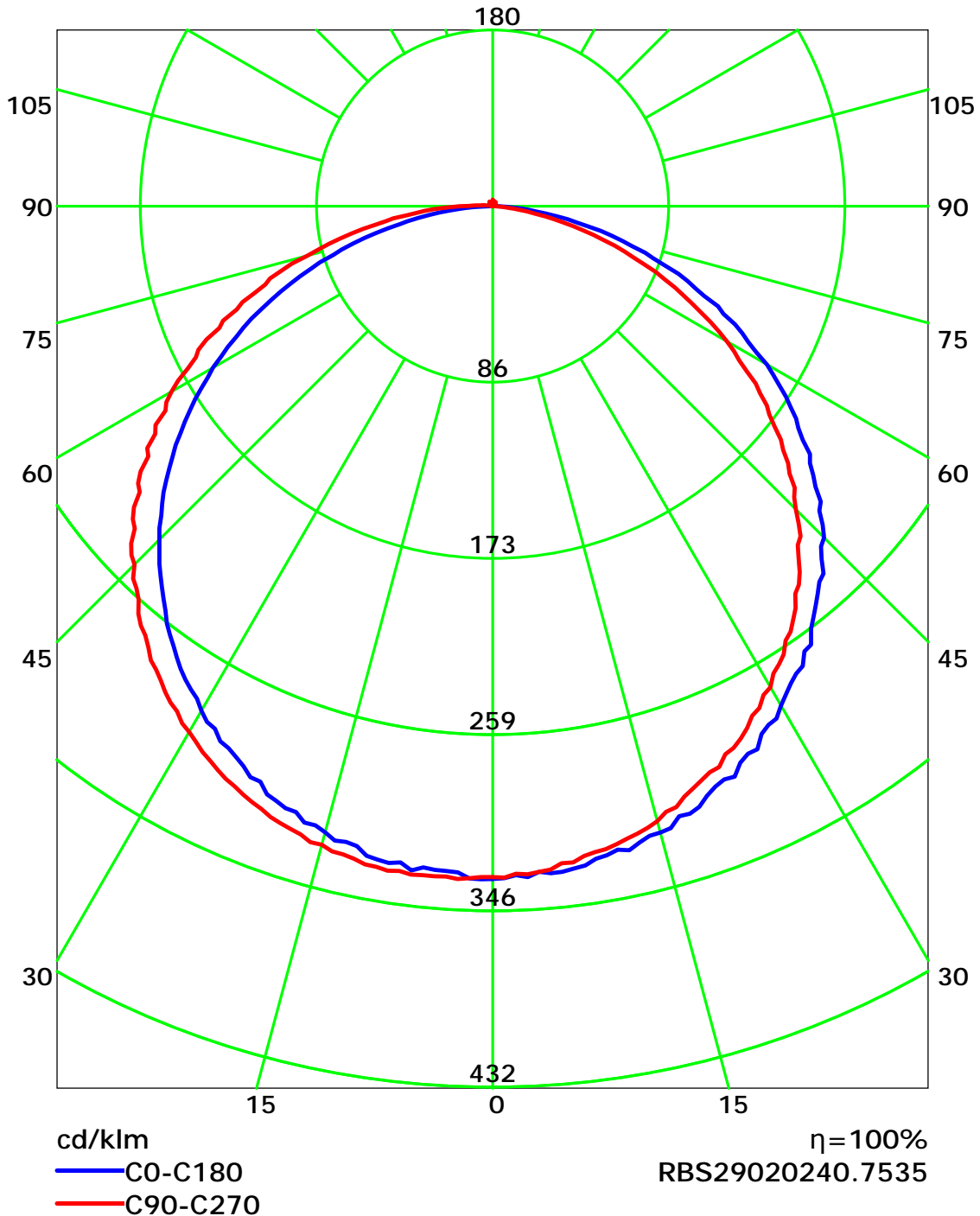
## Luminous Intensity Distribution Curve



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:

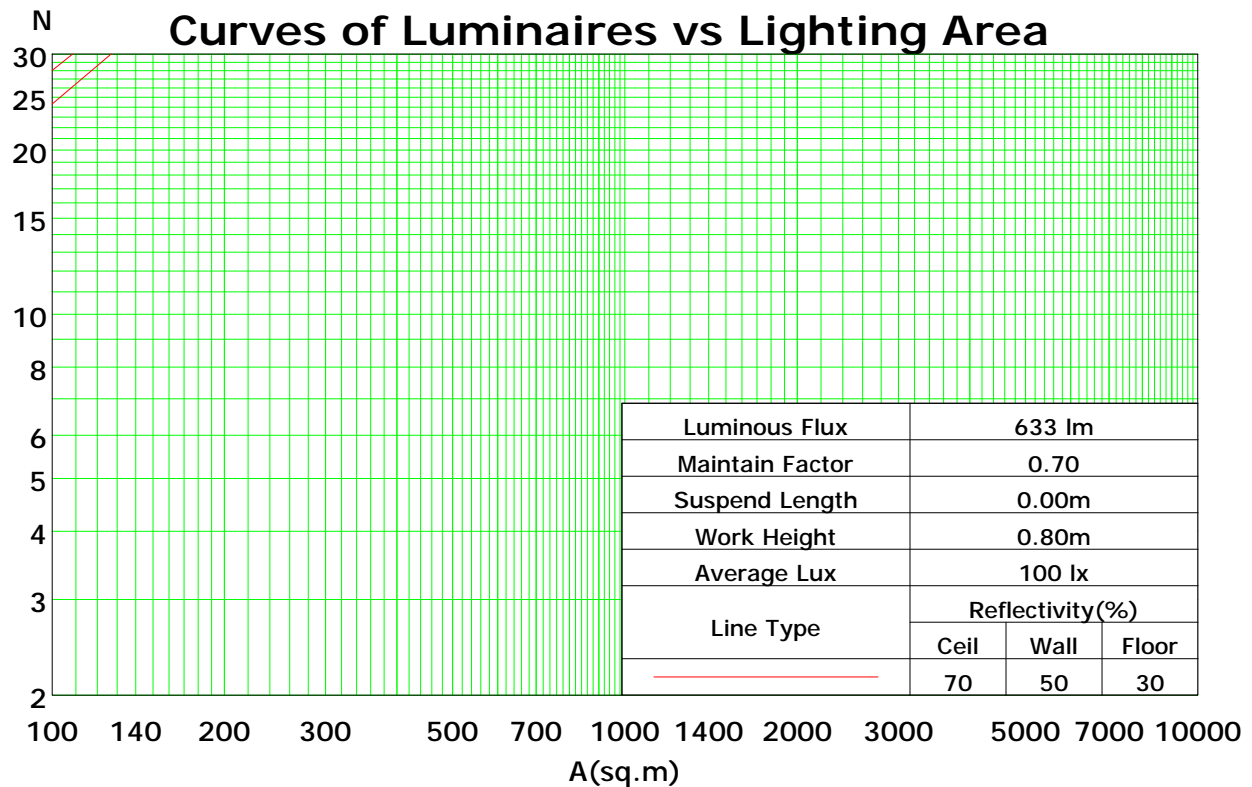
## Coefficients Of Utilization - Zonal Cavity Method

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	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	58	51	45	56	50	45	54	49	44	42
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	41	35	62	49	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	29
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.29

Spacing Criteria (Diagonal): 1.41



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

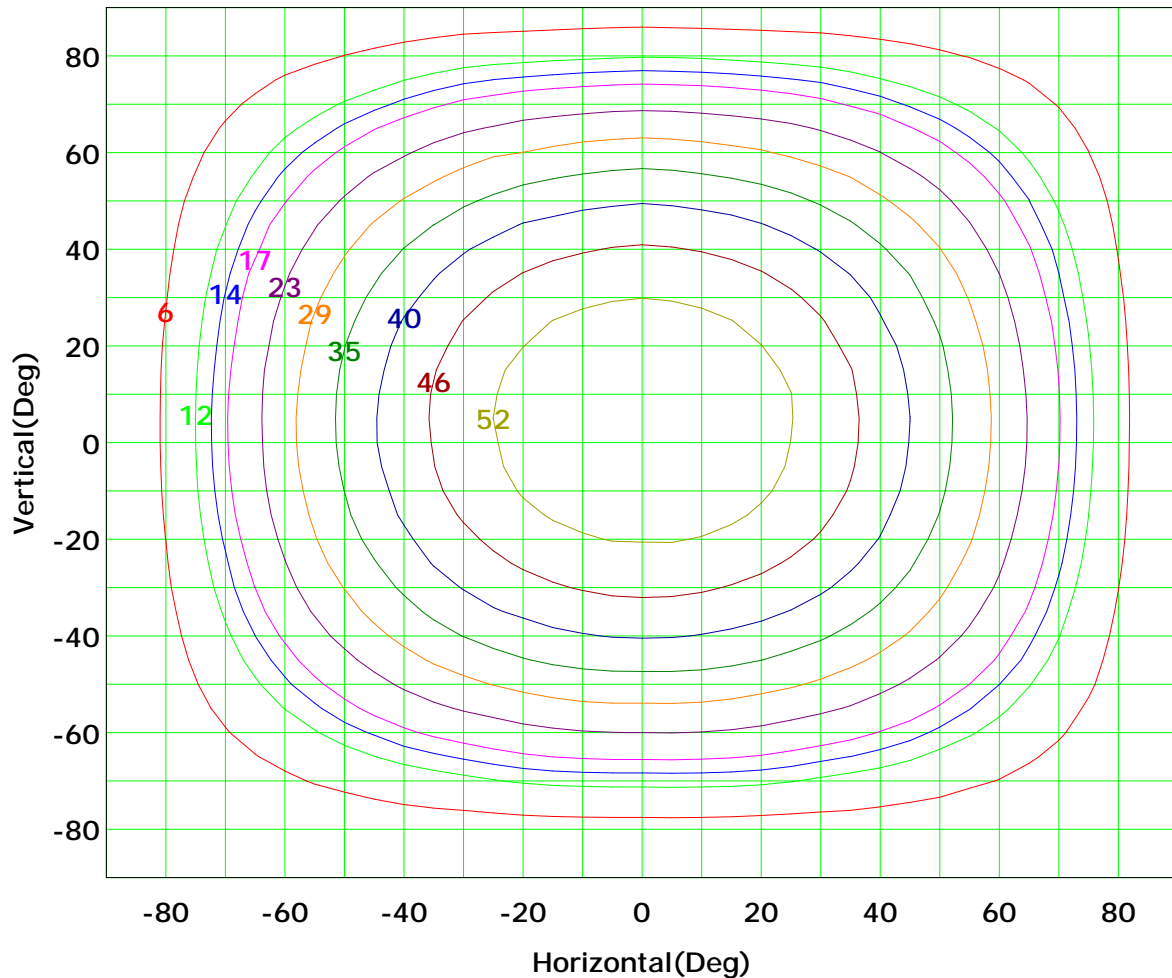
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



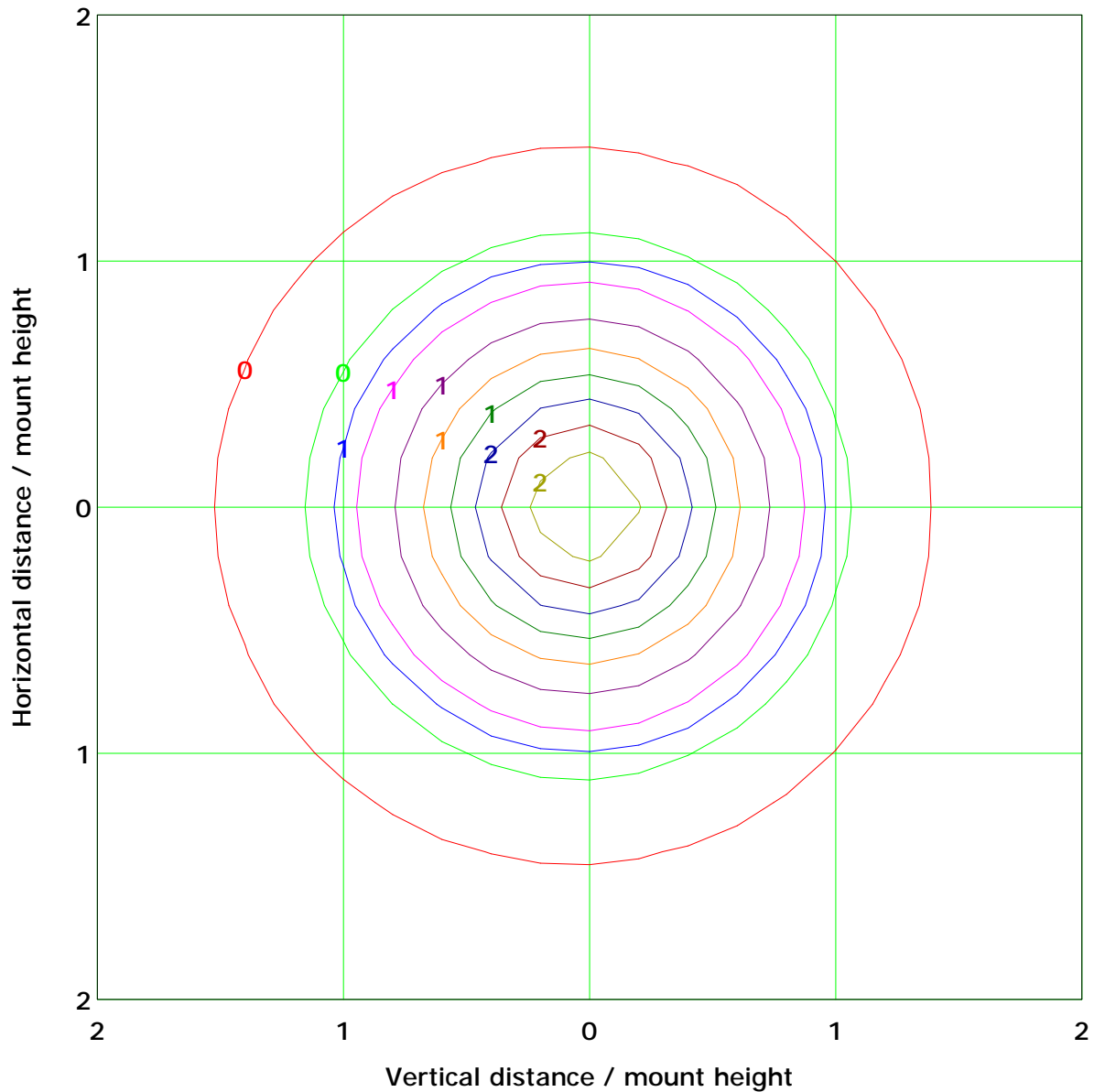
I<sub>max</sub> (100%): 58 cd

( 10%):	6 cd	( 20%):	12 cd
( 25%):	14 cd	( 30%):	17 cd
( 40%):	23 cd	( 50%):	29 cd
( 60%):	35 cd	( 70%):	40 cd
( 80%):	46 cd	( 90%):	52 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%): 2.3 lx

( 10%): 0.2 lx	( 20%): 0.5 lx
( 25%): 0.6 lx	( 30%): 0.7 lx
( 40%): 0.9 lx	( 50%): 1.2 lx
( 60%): 1.4 lx	( 70%): 1.6 lx
( 80%): 1.8 lx	( 90%): 2.1 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

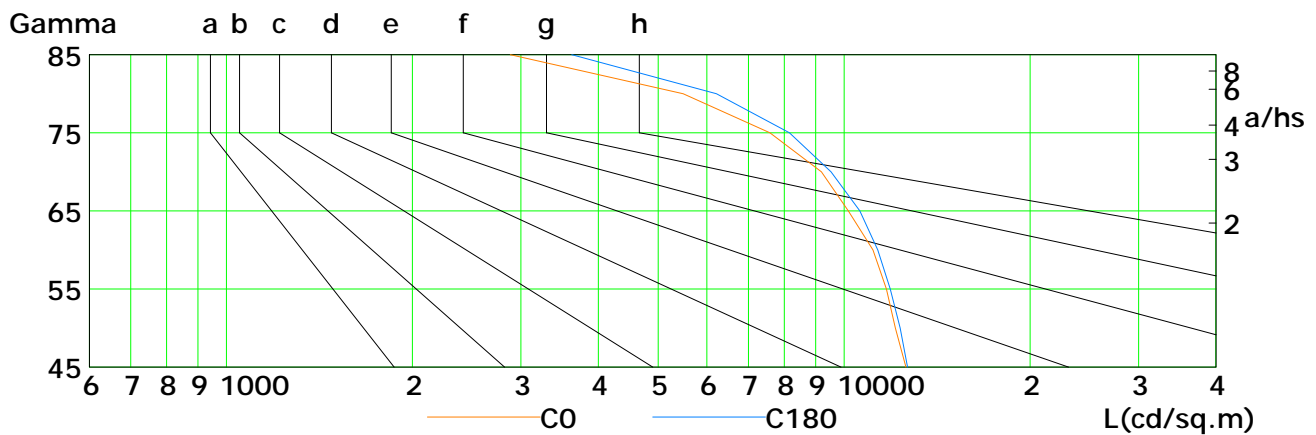
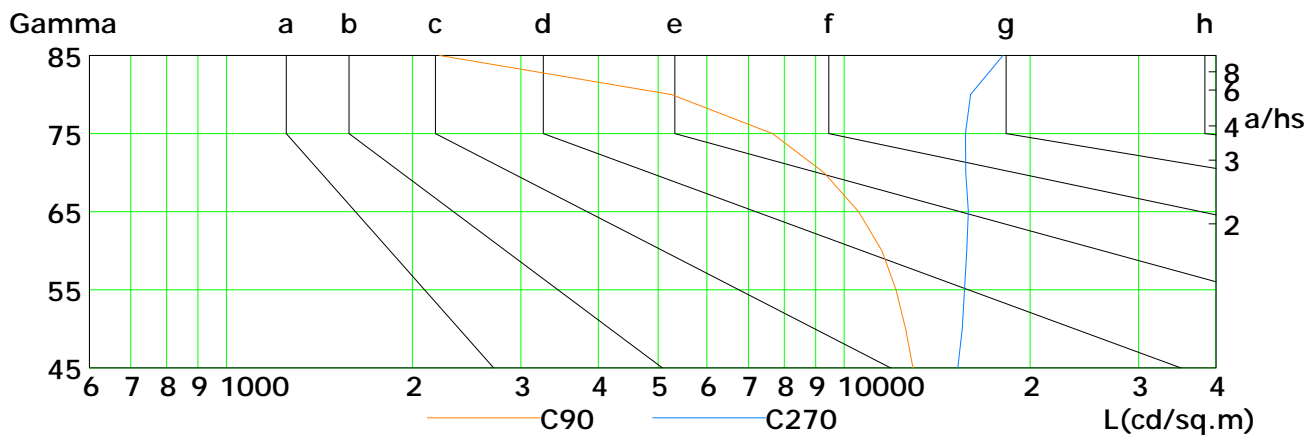
Humidity: 60%

Inspector:

## 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	12596	12115	11716	11134	10156	9195	7588	5493	2882
C90	12935	12575	12139	11520	10555	9276	7661	5253	2215
C180	12665	12335	11887	11344	10613	9527	8154	6217	3626
C270	15282	15532	15677	15795	15904	15739	15724	16029	18088

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

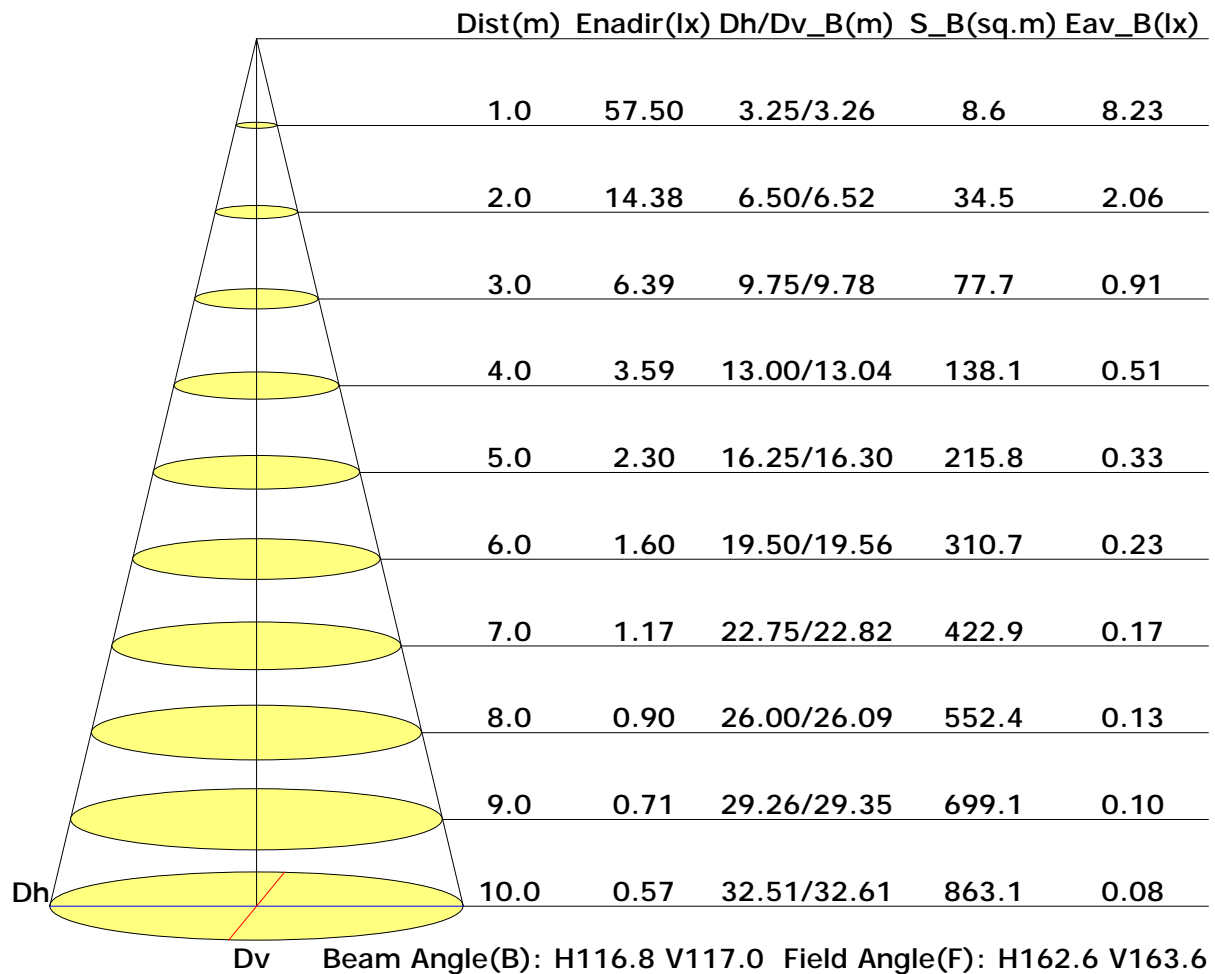
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Illuminance at a Distance

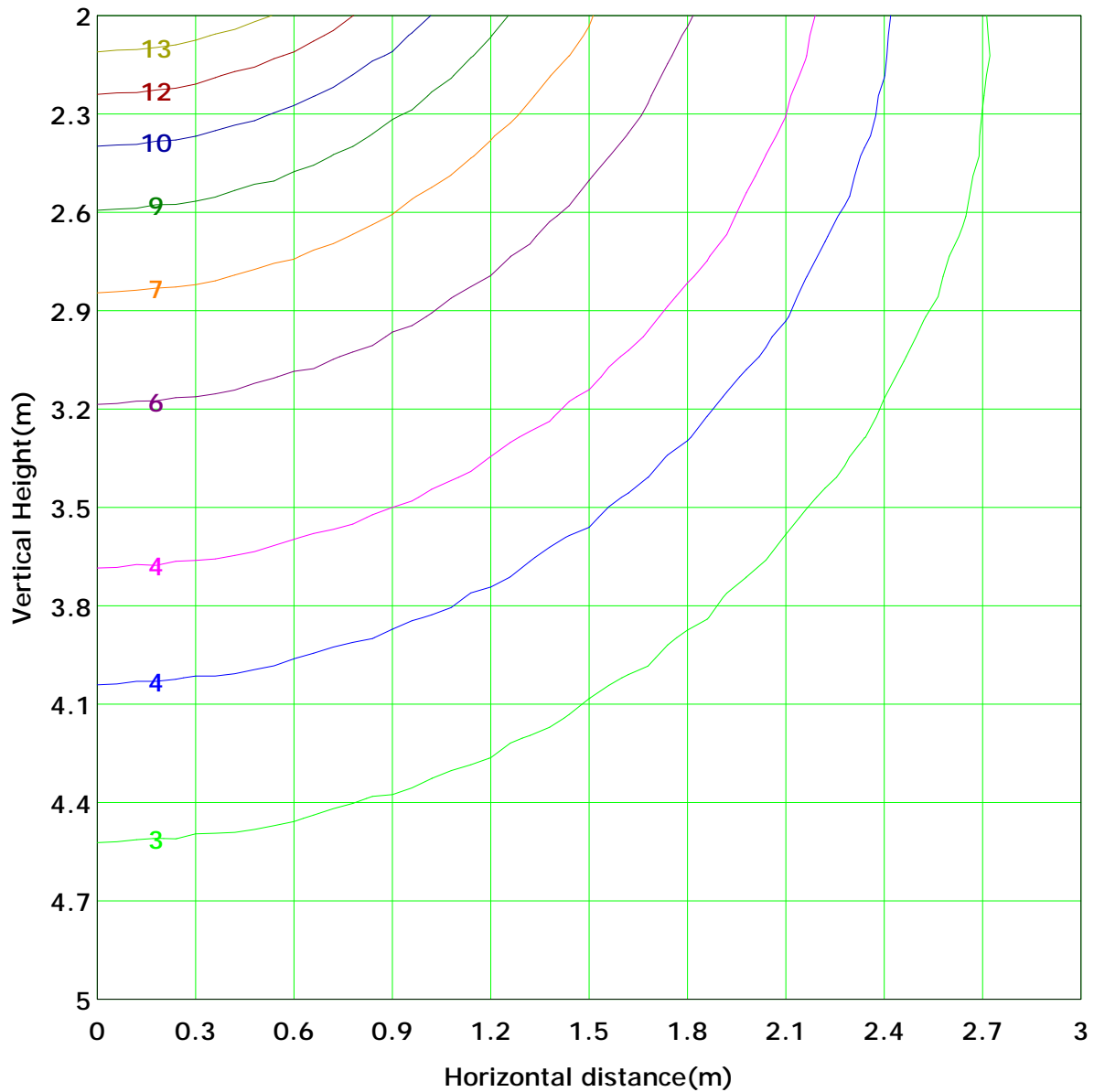


C Plane (°):0.0-360.0: 30.0  
 Test Lab: ACOLYTE  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Zk

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



## Vertical IsoLux Plot



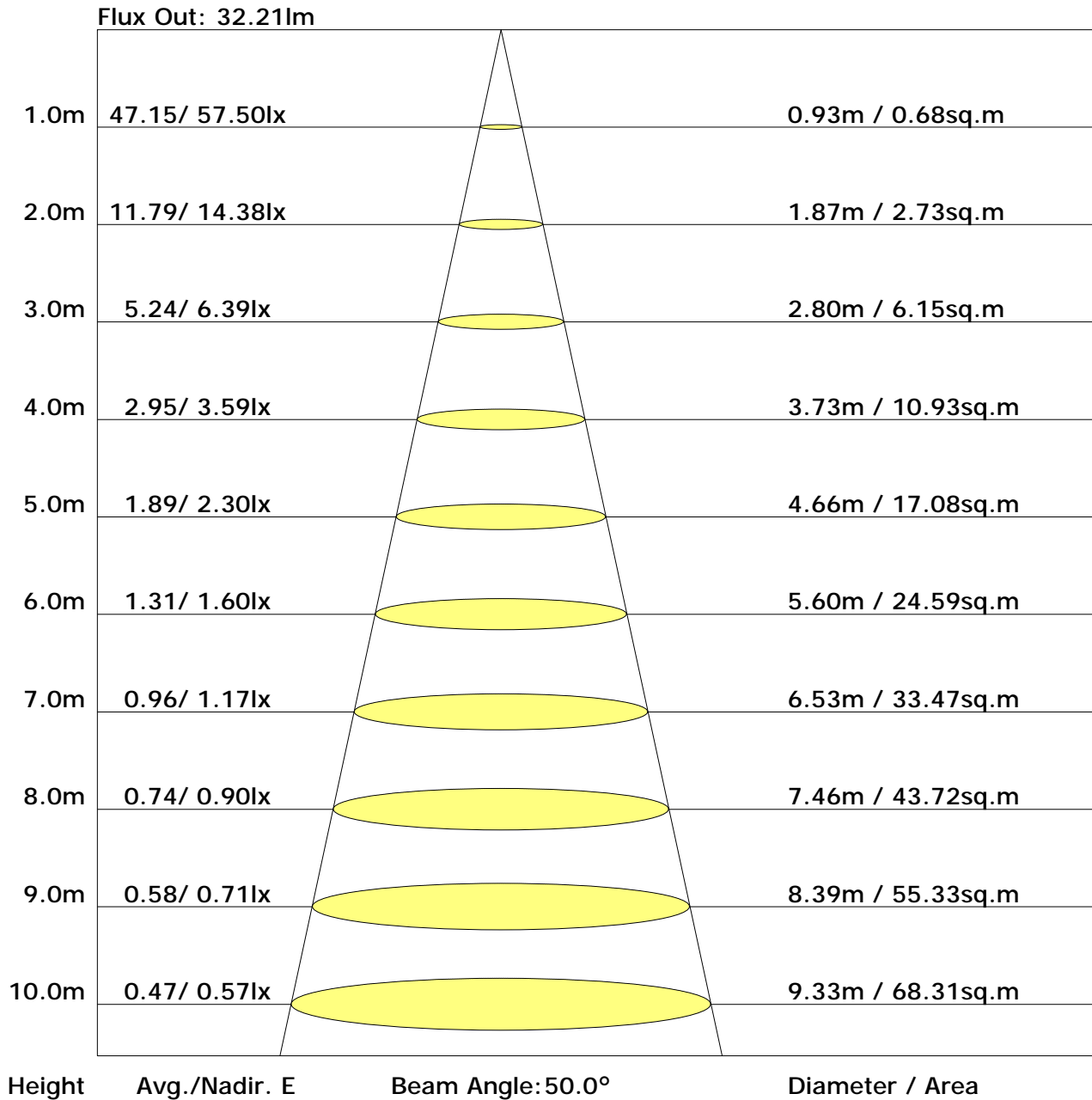
Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 14.4 lx
( 10%): 1.4 lx	( 20%): 2.9 lx	
( 25%): 3.6 lx	( 30%): 4.3 lx	
( 40%): 5.8 lx	( 50%): 7.2 lx	
( 60%): 8.6 lx	( 70%): 10.1 lx	
( 80%): 11.5 lx	( 90%): 12.9 lx	

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:

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: 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:

## 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	27.1	28.8	27.5	29.1	29.4	25.9	27.5	26.2	27.8	28.2
3H	28.9	30.4	29.3	30.8	31.1	27.3	28.8	27.7	29.1	29.5
4H	29.6	31.0	30.0	31.4	31.8	27.7	29.1	28.1	29.5	29.8
6H	30.0	31.3	30.5	31.7	32.1	27.9	29.2	28.3	29.5	30.0
8H	30.2	31.4	30.6	31.8	32.2	27.9	29.1	28.3	29.5	29.9
12H	30.2	31.4	30.7	31.8	32.3	27.9	29.1	28.3	29.5	29.9
X=4H Y=2H	27.7	29.1	28.1	29.5	29.9	26.5	27.9	26.9	28.3	28.7
3H	29.7	30.9	30.1	31.3	31.7	28.1	29.3	28.5	29.7	30.1
4H	30.5	31.6	30.9	32.0	32.4	28.6	29.7	29.0	30.1	30.6
6H	31.1	32.0	31.5	32.4	32.9	28.9	29.8	29.3	30.3	30.7
8H	31.2	32.1	31.7	32.5	33.0	28.9	29.8	29.4	30.2	30.7
12H	31.3	32.1	31.8	32.6	33.1	28.9	29.7	29.4	30.2	30.7
X=8H Y=4H	30.8	31.6	31.2	32.1	32.6	28.9	29.8	29.3	30.2	30.7
6H	31.4	32.2	31.9	32.7	33.1	29.2	29.9	29.7	30.4	30.9
8H	31.6	32.3	32.2	32.8	33.3	29.2	29.9	29.8	30.4	30.9
12H	31.8	32.4	32.3	32.9	33.5	29.3	29.8	29.8	30.3	30.9
X=12H Y=4H	30.8	31.6	31.3	32.1	32.6	28.9	29.7	29.4	30.2	30.7
6H	31.5	32.1	32.0	32.6	33.2	29.2	29.9	29.8	30.4	30.9
8H	31.7	32.3	32.3	32.8	33.4	29.3	29.9	29.8	30.4	31.0

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 = 1.25								
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	0.55	0.66	0.73	0.78	0.86	0.91	0.95	1.00	1.03
	0.30		0.47	0.58	0.65	0.71	0.80	0.85	0.90	0.95	0.99
	0.20		0.41	0.52	0.60	0.66	0.74	0.81	0.85	0.91	0.96
0.50	0.50	0.20	0.53	0.63	0.70	0.76	0.83	0.88	0.91	0.95	0.98
	0.30		0.46	0.56	0.64	0.69	0.77	0.83	0.87	0.92	0.95
	0.20		0.41	0.51	0.59	0.64	0.73	0.79	0.83	0.89	0.92
0.30	0.50	0.20	0.52	0.61	0.68	0.73	0.80	0.84	0.87	0.92	0.94
	0.30		0.45	0.55	0.62	0.68	0.75	0.80	0.84	0.89	0.92
	0.20		0.41	0.51	0.58	0.63	0.71	0.77	0.81	0.86	0.89
0.00	0.00	0.00	0.38	0.48	0.55	0.60	0.68	0.73	0.77	0.81	0.85
Rating: 1W 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 = 1.25									
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	0.84	0.72	0.63	0.50	0.42	0.36	0.28	0.23	
	0.30		0.85	0.72	0.63	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.73	0.63	0.56	0.50	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.98	0.81	0.69	0.60	0.48	0.43	0.34	0.26	0.22	
	0.30		0.83	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.72	0.62	0.55	0.49	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.95	0.78	0.66	0.58	0.46	0.38	0.32	0.25	0.21	
	0.30		0.81	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.71	0.61	0.54	0.48	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.61	0.52	0.45	0.39	0.32	0.27	0.23	0.18	0.15	
Rating: 1W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25								
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		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.11	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	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.12	0.13	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: 1W 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	57.4	0.1	0.1	0.03	0.03
1.0-2.0	57.4	0.2	0.2	0.09	0.13
2.0-3.0	57.3	0.3	0.5	0.16	0.28
3.0-4.0	57.3	0.4	0.9	0.22	0.50
4.0-5.0	57.2	0.5	1.4	0.28	0.79
5.0-6.0	57.1	0.6	2.0	0.35	1.13
6.0-7.0	57.0	0.7	2.7	0.41	1.54
7.0-8.0	56.9	0.8	3.5	0.47	2.01
8.0-9.0	56.8	0.9	4.4	0.53	2.54
9.0-10.0	56.6	1.0	5.4	0.59	3.13
10.0-11.0	56.4	1.1	6.6	0.65	3.78
11.0-12.0	56.2	1.2	7.8	0.71	4.48
12.0-13.0	56.0	1.3	9.1	0.76	5.25
13.0-14.0	55.8	1.4	10.6	0.82	6.07
14.0-15.0	55.6	1.5	12.1	0.88	6.95
15.0-16.0	55.3	1.6	13.7	0.93	7.88
16.0-17.0	55.1	1.7	15.4	0.99	8.86
17.0-18.0	54.7	1.8	17.2	1.04	9.90
18.0-19.0	54.5	1.9	19.1	1.09	10.99
19.0-20.0	54.2	2.0	21.1	1.14	12.13
20.0-21.0	53.8	2.1	23.2	1.19	13.32
21.0-22.0	53.4	2.1	25.3	1.23	14.55
22.0-23.0	53.0	2.2	27.5	1.28	15.83
23.0-24.0	52.6	2.3	29.8	1.32	17.16
24.0-25.0	52.2	2.4	32.2	1.37	18.52
25.0-26.0	51.8	2.4	34.7	1.41	19.93
26.0-27.0	51.3	2.5	37.2	1.44	21.37
27.0-28.0	50.9	2.6	39.7	1.48	22.85
28.0-29.0	50.4	2.6	42.4	1.52	24.37
29.0-30.0	49.9	2.7	45.1	1.55	25.92
30.0-31.0	49.4	2.7	47.8	1.58	27.50
31.0-32.0	48.8	2.8	50.6	1.61	29.11
32.0-33.0	48.3	2.8	53.5	1.64	30.75
33.0-34.0	47.8	2.9	56.4	1.66	32.41
34.0-35.0	47.2	2.9	59.3	1.69	34.10
35.0-36.0	46.6	3.0	62.3	1.71	35.80

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	46.0	3.0	65.3	1.73	37.53
37.0-38.0	45.4	3.0	68.3	1.74	39.27
38.0-39.0	44.7	3.1	71.3	1.76	41.03
39.0-40.0	44.0	3.1	74.4	1.77	42.79
40.0-41.0	43.4	3.1	77.5	1.78	44.57
41.0-42.0	42.7	3.1	80.6	1.78	46.35
42.0-43.0	42.0	3.1	83.7	1.79	48.14
43.0-44.0	41.3	3.1	86.8	1.79	49.93
44.0-45.0	40.6	3.1	89.9	1.79	51.73
45.0-46.0	39.8	3.1	93.1	1.79	53.52
46.0-47.0	39.0	3.1	96.2	1.79	55.30
47.0-48.0	38.2	3.1	99.3	1.78	57.08
48.0-49.0	37.4	3.1	102.3	1.77	58.85
49.0-50.0	36.6	3.1	105.4	1.75	60.60
50.0-51.0	35.8	3.0	108.4	1.74	62.34
51.0-52.0	35.0	3.0	111.4	1.73	64.07
52.0-53.0	34.1	3.0	114.4	1.71	65.78
53.0-54.0	33.2	2.9	117.3	1.69	67.46
54.0-55.0	32.4	2.9	120.2	1.66	69.12
55.0-56.0	31.5	2.8	123.0	1.64	70.76
56.0-57.0	30.6	2.8	125.8	1.61	72.37
57.0-58.0	29.6	2.7	128.6	1.58	73.95
58.0-59.0	28.7	2.7	131.3	1.54	75.49
59.0-60.0	27.8	2.6	133.9	1.51	77.00
60.0-61.0	26.8	2.6	136.5	1.47	78.47
61.0-62.0	25.8	2.5	138.9	1.43	79.91
62.0-63.0	24.8	2.4	141.4	1.39	81.30
63.0-64.0	23.8	2.3	143.7	1.35	82.64
64.0-65.0	22.9	2.3	146.0	1.30	83.94
65.0-66.0	21.9	2.2	148.1	1.26	85.20
66.0-67.0	20.9	2.1	150.2	1.21	86.40
67.0-68.0	19.8	2.0	152.3	1.15	87.56
68.0-69.0	18.8	1.9	154.2	1.10	88.66
69.0-70.0	17.8	1.8	156.0	1.05	89.71
70.0-71.0	16.7	1.7	157.7	1.00	90.71
71.0-72.0	15.7	1.6	159.4	0.94	91.65

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	14.7	1.5	160.9	0.88	92.53
73.0-74.0	13.6	1.4	162.3	0.83	93.36
74.0-75.0	12.6	1.3	163.7	0.77	94.13
75.0-76.0	11.6	1.2	164.9	0.71	94.83
76.0-77.0	10.6	1.1	166.0	0.65	95.48
77.0-78.0	9.6	1.0	167.1	0.59	96.08
78.0-79.0	8.7	0.9	168.0	0.54	96.61
79.0-80.0	7.7	0.8	168.8	0.48	97.09
80.0-81.0	6.8	0.7	169.6	0.42	97.52
81.0-82.0	5.9	0.6	170.2	0.37	97.89
82.0-83.0	5.1	0.6	170.8	0.32	98.21
83.0-84.0	4.4	0.5	171.2	0.27	98.48
84.0-85.0	3.6	0.4	171.6	0.23	98.71
85.0-86.0	2.9	0.3	172.0	0.19	98.89
86.0-87.0	2.3	0.3	172.2	0.15	99.04
87.0-88.0	1.8	0.2	172.4	0.11	99.15
88.0-89.0	1.3	0.1	172.6	0.08	99.24
89.0-90.0	1.0	0.1	172.7	0.06	99.30
90.0-91.0	0.7	0.1	172.7	0.05	99.34
91.0-92.0	0.6	0.1	172.8	0.04	99.38
92.0-93.0	0.5	0.0	172.9	0.03	99.41
93.0-94.0	0.4	0.0	172.9	0.02	99.43
94.0-95.0	0.3	0.0	172.9	0.02	99.45
95.0-96.0	0.2	0.0	173.0	0.01	99.47
96.0-97.0	0.2	0.0	173.0	0.01	99.48
97.0-98.0	0.2	0.0	173.0	0.01	99.49
98.0-99.0	0.2	0.0	173.0	0.01	99.50
99.0-100.0	0.1	0.0	173.0	0.01	99.51
100.0-101.0	0.1	0.0	173.0	0.01	99.52
101.0-102.0	0.1	0.0	173.1	0.01	99.53
102.0-103.0	0.1	0.0	173.1	0.01	99.53
103.0-104.0	0.1	0.0	173.1	0.01	99.54
104.0-105.0	0.1	0.0	173.1	0.01	99.54
105.0-106.0	0.1	0.0	173.1	0.01	99.55
106.0-107.0	0.1	0.0	173.1	0.01	99.56
107.0-108.0	0.1	0.0	173.1	0.01	99.56

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	173.1	0.00	99.56
109.0-110.0	0.1	0.0	173.1	0.01	99.57
110.0-111.0	0.1	0.0	173.1	0.00	99.57
111.0-112.0	0.1	0.0	173.2	0.01	99.58
112.0-113.0	0.1	0.0	173.2	0.01	99.59
113.0-114.0	0.1	0.0	173.2	0.01	99.59
114.0-115.0	0.1	0.0	173.2	0.01	99.60
115.0-116.0	0.1	0.0	173.2	0.01	99.61
116.0-117.0	0.2	0.0	173.2	0.01	99.62
117.0-118.0	0.1	0.0	173.2	0.01	99.62
118.0-119.0	0.1	0.0	173.2	0.01	99.63
119.0-120.0	0.1	0.0	173.2	0.01	99.64
120.0-121.0	0.1	0.0	173.3	0.01	99.64
121.0-122.0	0.1	0.0	173.3	0.01	99.65
122.0-123.0	0.1	0.0	173.3	0.01	99.65
123.0-124.0	0.2	0.0	173.3	0.01	99.66
124.0-125.0	0.2	0.0	173.3	0.01	99.67
125.0-126.0	0.2	0.0	173.3	0.01	99.68
126.0-127.0	0.2	0.0	173.3	0.01	99.69
127.0-128.0	0.2	0.0	173.4	0.01	99.70
128.0-129.0	0.1	0.0	173.4	0.01	99.70
129.0-130.0	0.2	0.0	173.4	0.01	99.71
130.0-131.0	0.2	0.0	173.4	0.01	99.72
131.0-132.0	0.1	0.0	173.4	0.01	99.73
132.0-133.0	0.2	0.0	173.4	0.01	99.74
133.0-134.0	0.2	0.0	173.4	0.01	99.75
134.0-135.0	0.2	0.0	173.5	0.01	99.76
135.0-136.0	0.2	0.0	173.5	0.01	99.76
136.0-137.0	0.2	0.0	173.5	0.01	99.77
137.0-138.0	0.2	0.0	173.5	0.01	99.78
138.0-139.0	0.1	0.0	173.5	0.01	99.79
139.0-140.0	0.2	0.0	173.5	0.01	99.79
140.0-141.0	0.2	0.0	173.5	0.01	99.80
141.0-142.0	0.2	0.0	173.6	0.01	99.81
142.0-143.0	0.2	0.0	173.6	0.01	99.82
143.0-144.0	0.2	0.0	173.6	0.01	99.83

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	0.2	0.0	173.6	0.01	99.84
145.0-146.0	0.2	0.0	173.6	0.01	99.84
146.0-147.0	0.2	0.0	173.6	0.01	99.85
147.0-148.0	0.2	0.0	173.6	0.01	99.86
148.0-149.0	0.2	0.0	173.6	0.01	99.87
149.0-150.0	0.3	0.0	173.7	0.01	99.87
150.0-151.0	0.2	0.0	173.7	0.01	99.88
151.0-152.0	0.3	0.0	173.7	0.01	99.89
152.0-153.0	0.3	0.0	173.7	0.01	99.90
153.0-154.0	0.2	0.0	173.7	0.01	99.90
154.0-155.0	0.2	0.0	173.7	0.01	99.91
155.0-156.0	0.2	0.0	173.7	0.01	99.92
156.0-157.0	0.2	0.0	173.7	0.01	99.92
157.0-158.0	0.3	0.0	173.8	0.01	99.93
158.0-159.0	0.3	0.0	173.8	0.01	99.94
159.0-160.0	0.3	0.0	173.8	0.01	99.94
160.0-161.0	0.3	0.0	173.8	0.01	99.95
161.0-162.0	0.2	0.0	173.8	0.00	99.95
162.0-163.0	0.3	0.0	173.8	0.00	99.96
163.0-164.0	0.3	0.0	173.8	0.00	99.96
164.0-165.0	0.3	0.0	173.8	0.00	99.97
165.0-166.0	0.2	0.0	173.8	0.00	99.97
166.0-167.0	0.2	0.0	173.8	0.00	99.97
167.0-168.0	0.3	0.0	173.8	0.00	99.98
168.0-169.0	0.3	0.0	173.8	0.00	99.98
169.0-170.0	0.3	0.0	173.9	0.00	99.98
170.0-171.0	0.3	0.0	173.9	0.00	99.99
171.0-172.0	0.3	0.0	173.9	0.00	99.99
172.0-173.0	0.3	0.0	173.9	0.00	99.99
173.0-174.0	0.3	0.0	173.9	0.00	99.99
174.0-175.0	0.3	0.0	173.9	0.00	100.00
175.0-176.0	0.3	0.0	173.9	0.00	100.00
176.0-177.0	0.3	0.0	173.9	0.00	100.00
177.0-178.0	0.2	0.0	173.9	0.00	100.00
178.0-179.0	0.3	0.0	173.9	0.00	100.00
179.0-180.0	0.2	0.0	173.9	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: