

Report No.:

Test Time: 2021/1/25 11:41

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: CHANNEL

Lamp Catalog: RIBBONLYTE

Number of Lamps: 2 ROWS

Luminous Width (mm): 33.4

Voltage: 24.0 V

Power: 10.36 W

Luminaire Description: AS30

Lamp Description: RB90SWS2203.030

Luminous Length (mm): 500

Luminous Height (mm): 29.6

Current: 0.432 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 401.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H160.5,H111.6

Vertical Diffuse Angle(10%,50%): V162.6,V111.7

Luminaire Efficacy Rating (LER): 39

Max. Intensity: 140.81 cd

Total Rated Lamp Lumens: 401.9 lm

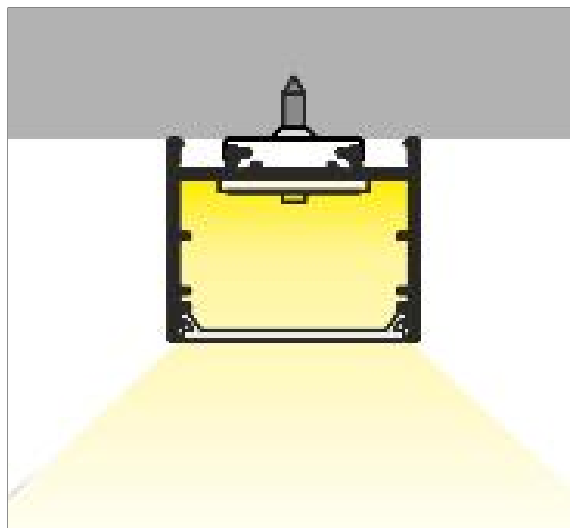
Efficiency: 100%

Upward Ratio: 1%

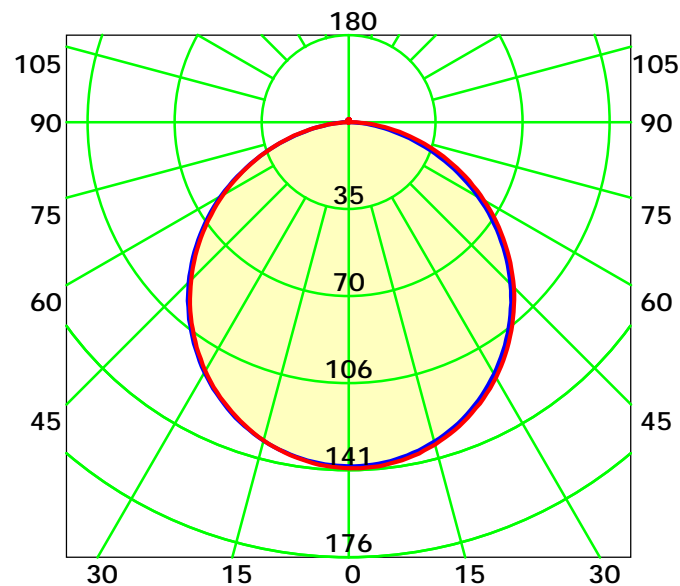
Central Intensity: 139.79 cd

Pos of Max. Intensity: H330 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 111.6°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

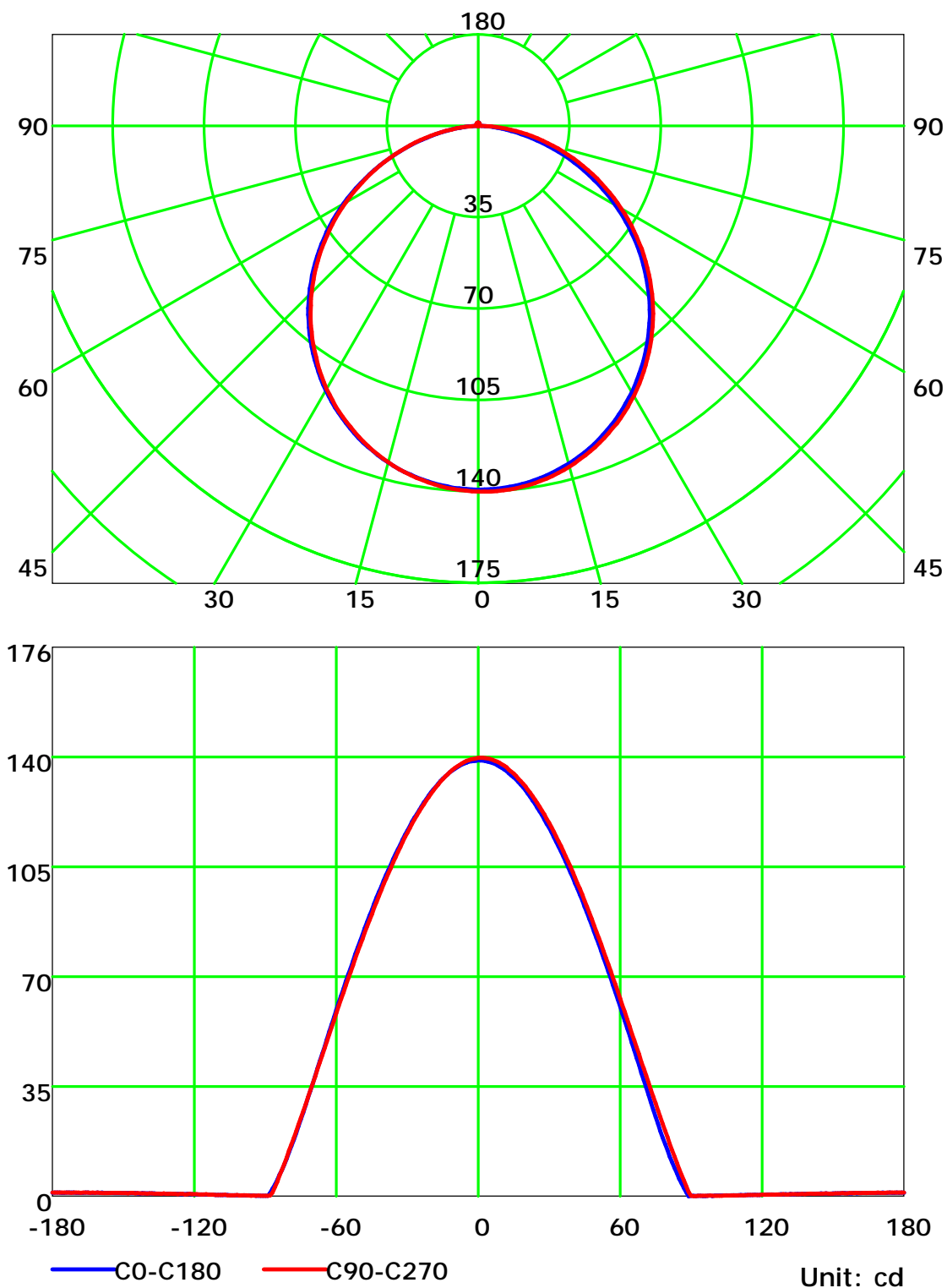
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

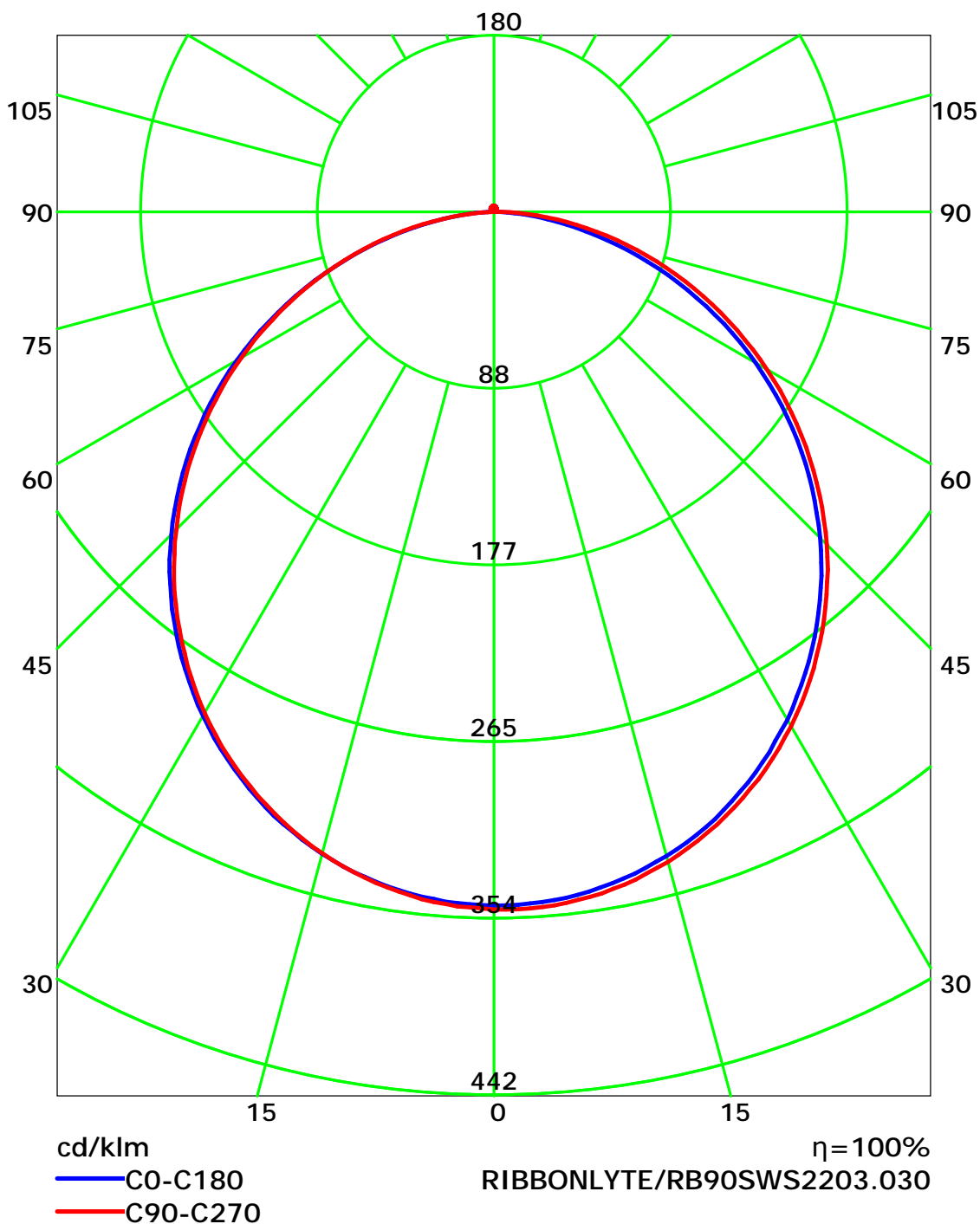
Luminous Intensity Distribution Curve



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

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: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

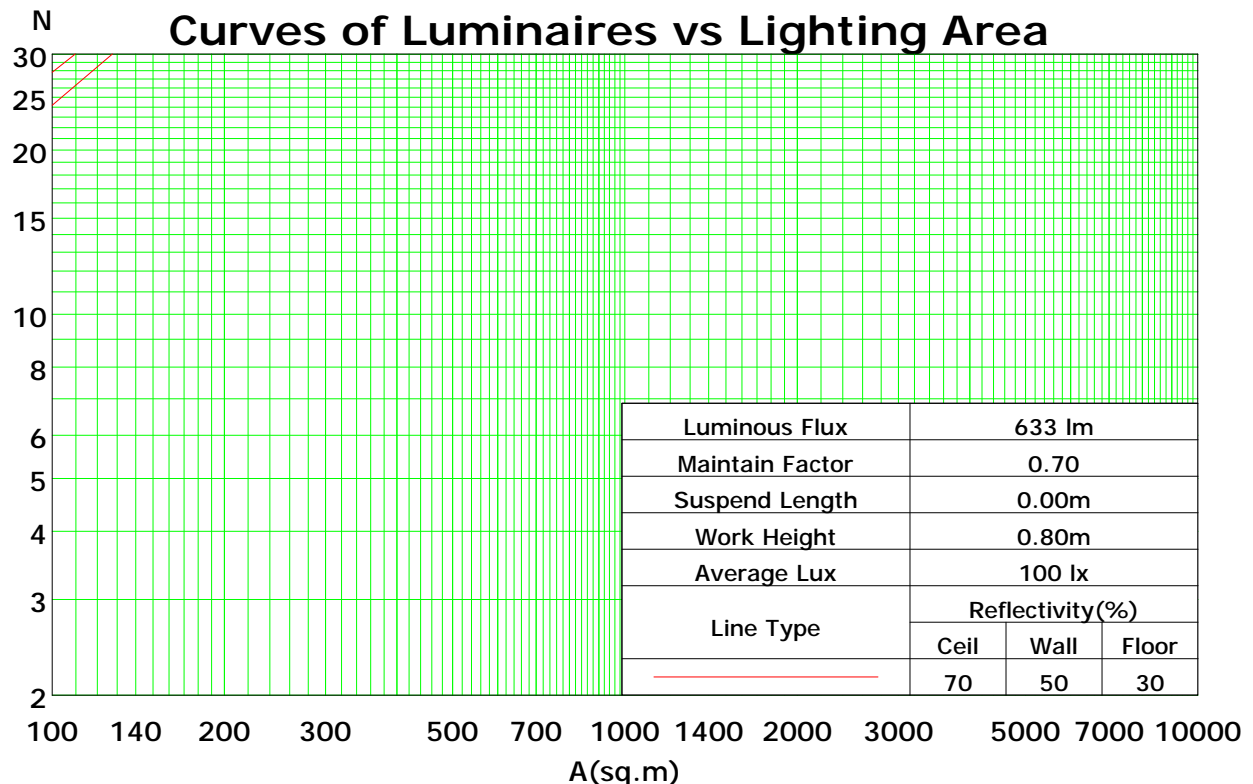
Coefficients Of Utilization - Zonal Cavity Method

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	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	78	70	64	74	68	63	72	66	61	69	64	60	58
4	82	70	61	55	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.25

Spacing Criteria (Diagonal): 1.37



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

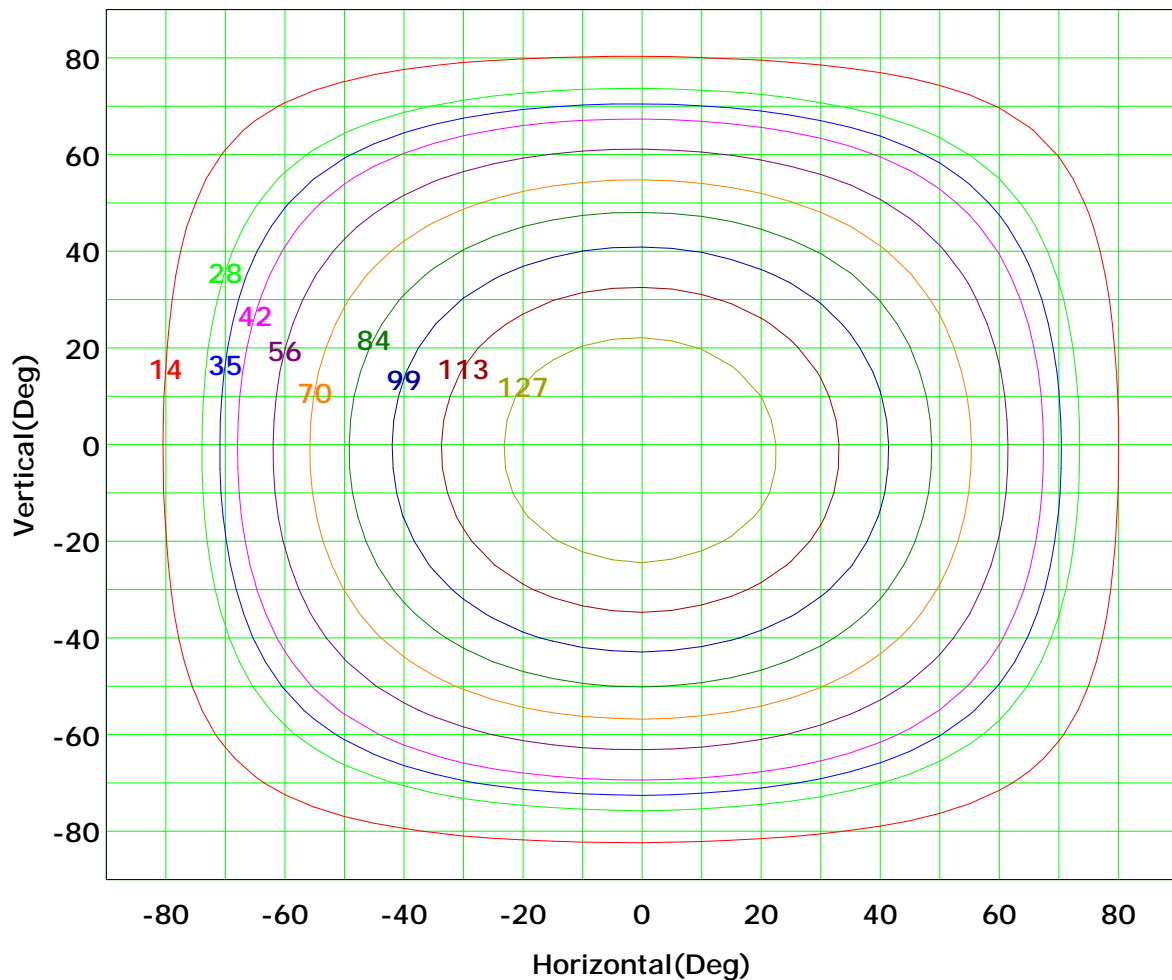
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



Imax (100%): 141 cd

(10%):	14 cd	(20%):	28 cd
(25%):	35 cd	(30%):	42 cd
(40%):	56 cd	(50%):	70 cd
(60%):	84 cd	(70%):	99 cd
(80%):	113 cd	(90%):	127 cd

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

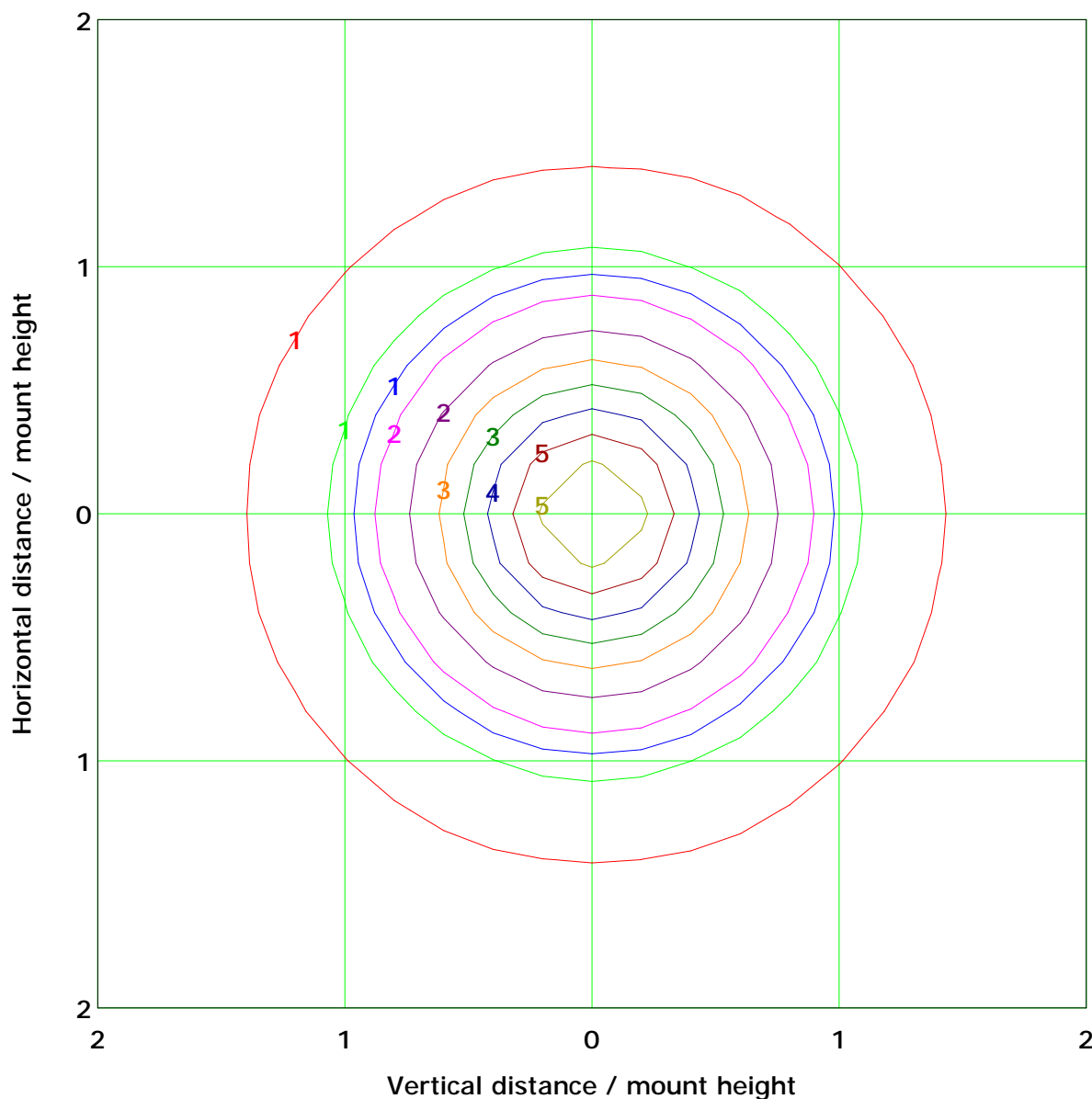
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 5.6 lx

(10%): 0.6 lx	(20%): 1.1 lx
(25%): 1.4 lx	(30%): 1.7 lx
(40%): 2.3 lx	(50%): 2.8 lx
(60%): 3.4 lx	(70%): 3.9 lx
(80%): 4.5 lx	(90%): 5.1 lx

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

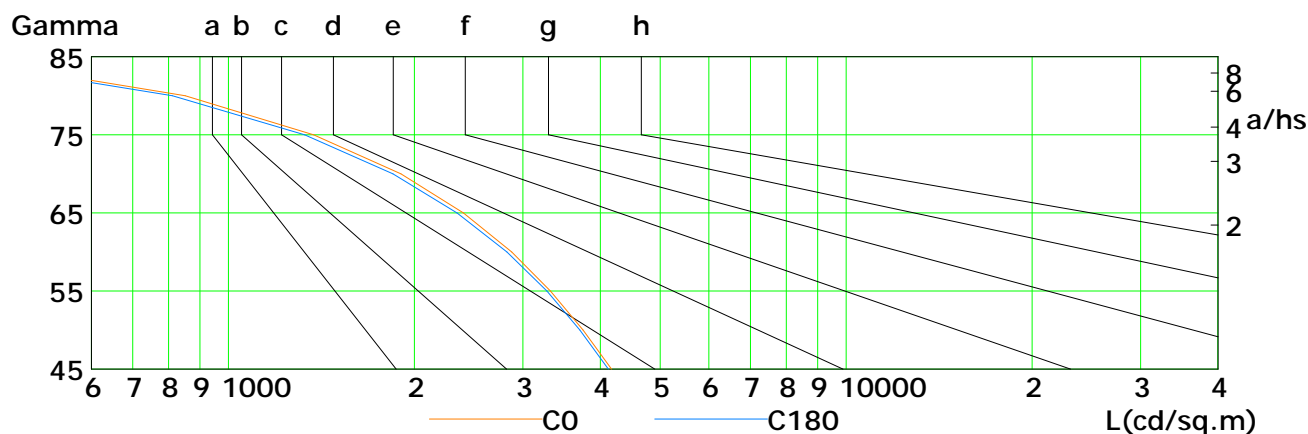
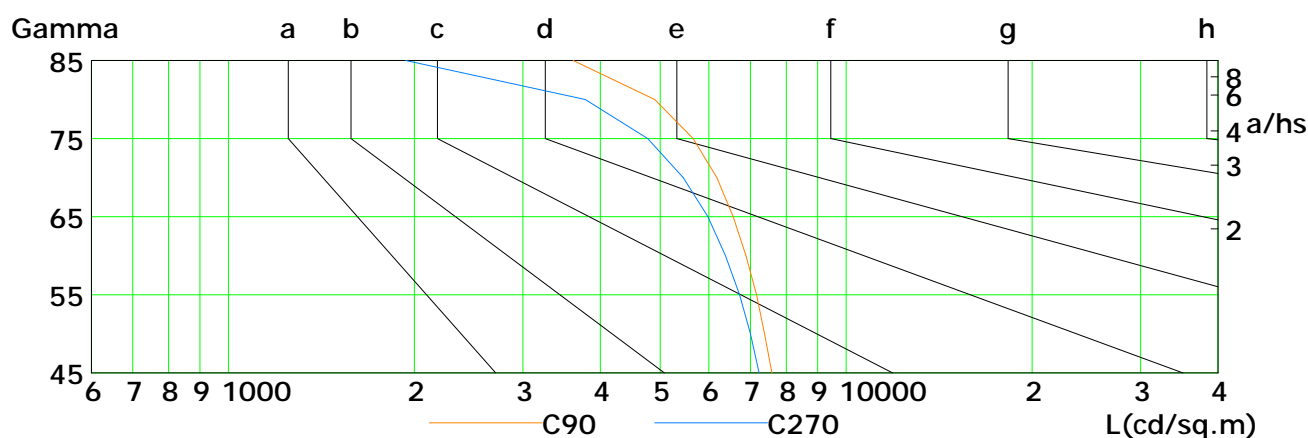
Humidity: 60%

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	4172	3753	3324	2877	2402	1903	1373	851	353
C90	7582	7383	7165	6889	6569	6179	5656	4902	3614
C180	4125	3707	3279	2823	2345	1847	1329	811	331
C270	7236	7005	6725	6377	5975	5454	4777	3785	1938

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

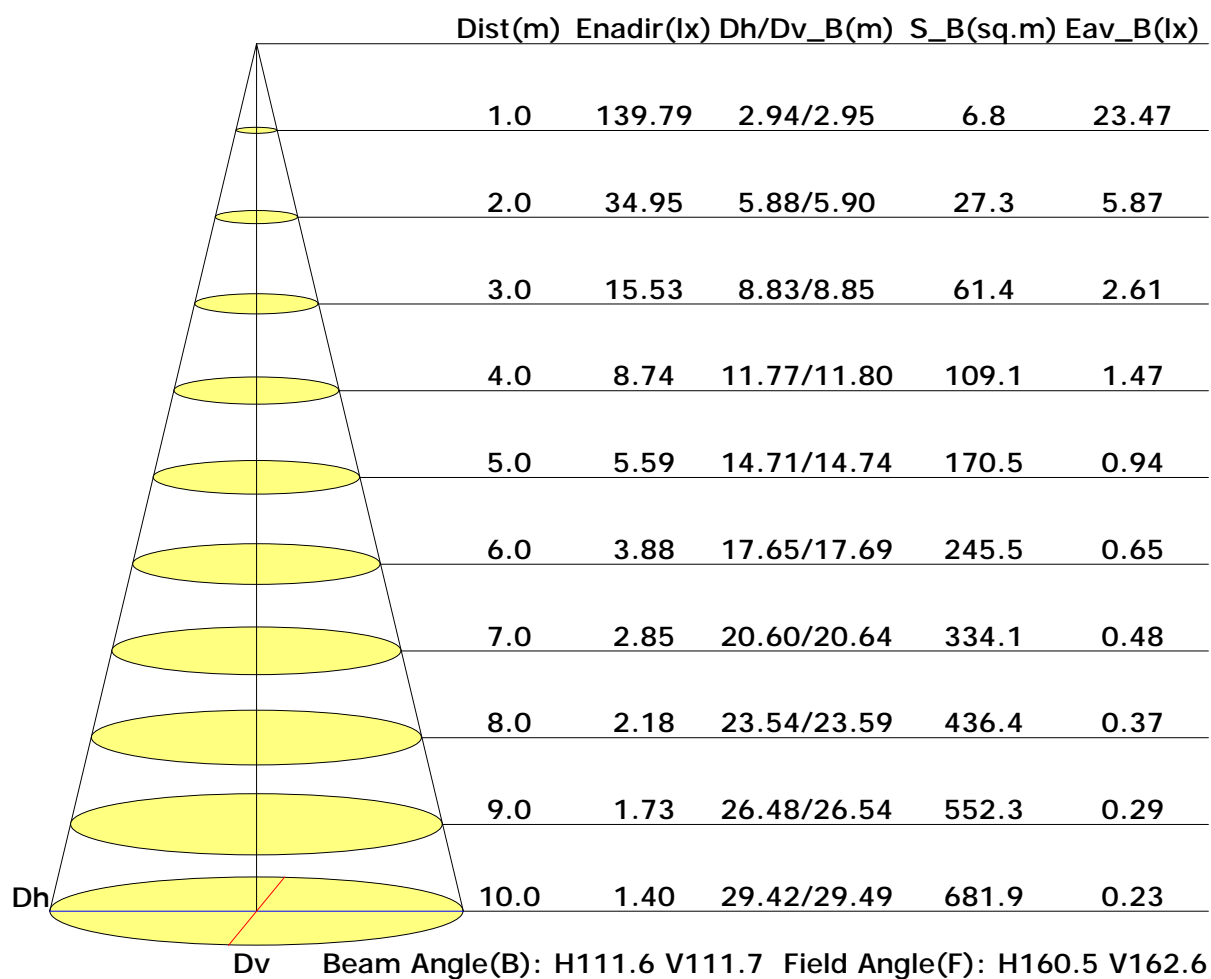
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

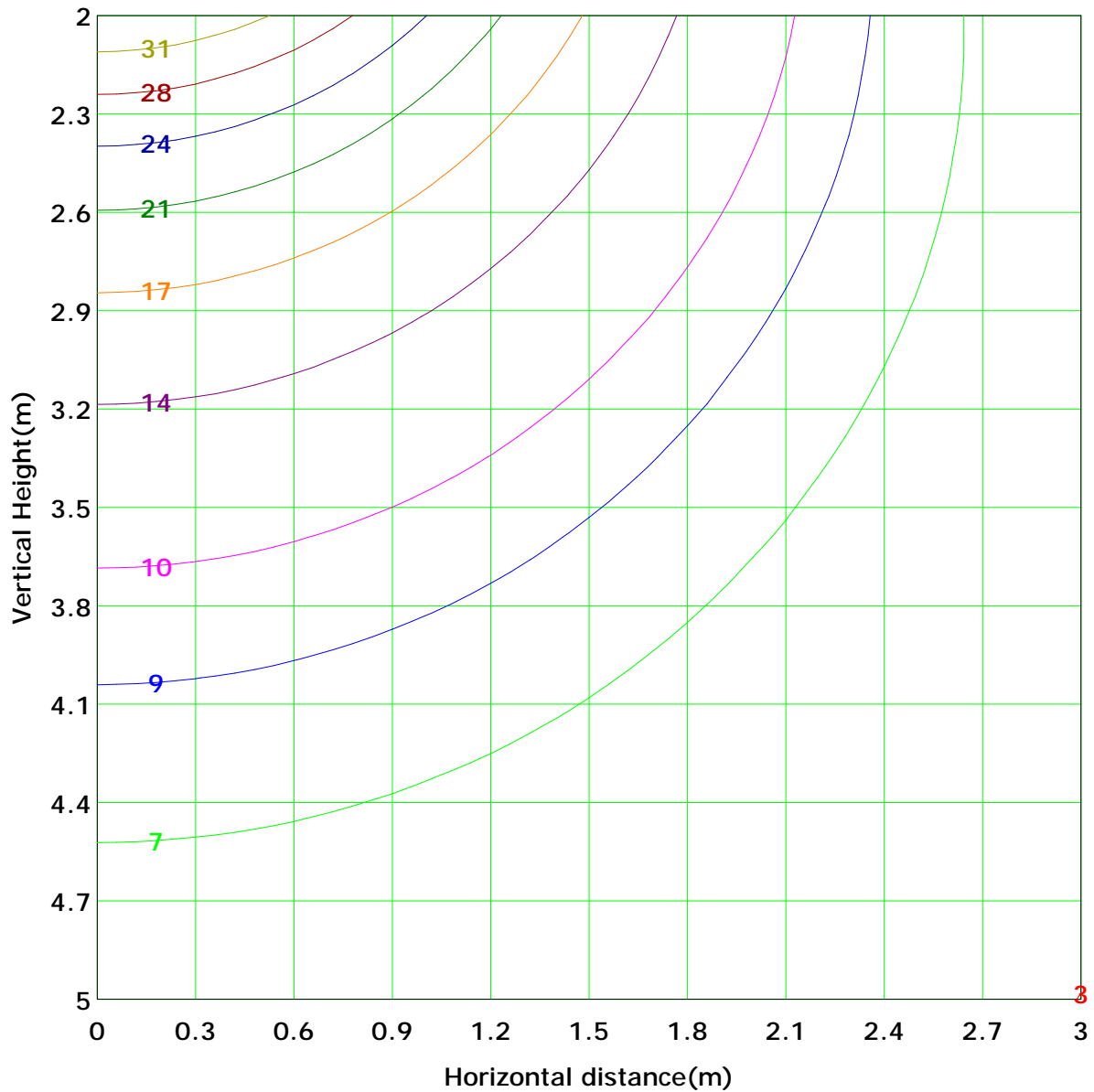
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 34.9 lx
(10%): 3.5 lx	(20%): 7.0 lx	
(25%): 8.7 lx	(30%): 10.5 lx	
(40%): 14.0 lx	(50%): 17.5 lx	
(60%): 21.0 lx	(70%): 24.5 lx	
(80%): 28.0 lx	(90%): 31.5 lx	

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

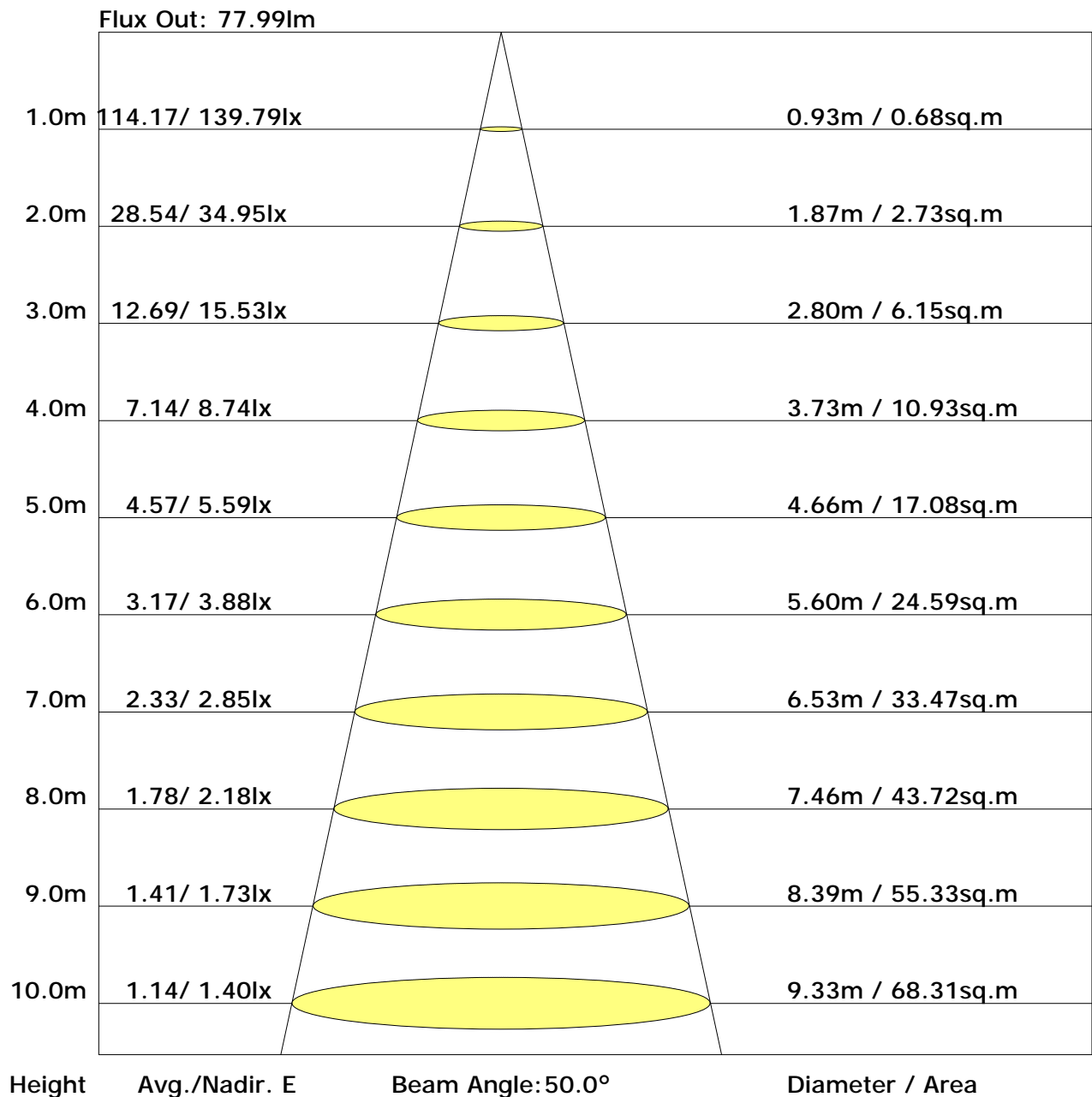
Inspector:

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	20.8	22.4	21.2	22.8	23.1	19.5	21.1	19.9	21.5	21.8
3H	22.5	24.0	22.9	24.3	24.7	21.0	22.4	21.4	22.8	23.2
4H	23.1	24.5	23.6	24.9	25.3	21.4	22.8	21.9	23.2	23.6
6H	23.5	24.8	24.0	25.2	25.6	21.8	23.0	22.2	23.4	23.8
8H	23.7	24.9	24.1	25.3	25.7	21.8	23.1	22.3	23.5	23.9
12H	23.7	24.9	24.2	25.3	25.7	21.9	23.0	22.3	23.4	23.9
X=4H Y=2H	21.2	22.5	21.6	22.9	23.3	20.1	21.5	20.5	21.9	22.3
3H	23.1	24.2	23.5	24.6	25.1	21.8	22.9	22.2	23.3	23.8
4H	23.8	24.8	24.2	25.2	25.7	22.4	23.4	22.8	23.8	24.3
6H	24.3	25.2	24.7	25.6	26.1	22.8	23.7	23.2	24.1	24.6
8H	24.4	25.2	24.9	25.7	26.2	22.9	23.7	23.3	24.2	24.7
12H	24.5	25.2	25.0	25.7	26.2	22.9	23.7	23.4	24.2	24.7
X=8H Y=4H	23.9	24.7	24.4	25.2	25.7	22.6	23.5	23.1	23.9	24.4
6H	24.4	25.1	24.9	25.6	26.1	23.1	23.8	23.6	24.3	24.8
8H	24.6	25.2	25.1	25.8	26.3	23.2	23.9	23.8	24.4	24.9
12H	24.7	25.3	25.2	25.8	26.4	23.3	23.9	23.9	24.4	25.0
X=12H Y=4H	23.9	24.6	24.4	25.1	25.6	22.6	23.4	23.1	23.9	24.4
6H	24.4	25.1	25.0	25.6	26.1	23.1	23.8	23.7	24.3	24.8
8H	24.6	25.2	25.2	25.7	26.3	23.3	23.9	23.8	24.4	25.0

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	0.56	0.67	0.74	0.79	0.87	0.92	0.95	1.00	1.03
	0.30		0.48	0.59	0.67	0.72	0.81	0.86	0.90	0.96	0.99
	0.20		0.43	0.53	0.61	0.67	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.55	0.64	0.71	0.77	0.83	0.88	0.91	0.96	0.99
	0.30		0.47	0.58	0.65	0.70	0.78	0.83	0.87	0.92	0.96
	0.20		0.42	0.52	0.60	0.66	0.74	0.79	0.84	0.89	0.93
0.30	0.50	0.20	0.53	0.62	0.69	0.74	0.80	0.85	0.88	0.92	0.95
	0.30		0.47	0.57	0.64	0.69	0.76	0.81	0.84	0.89	0.92
	0.20		0.42	0.52	0.59	0.64	0.72	0.77	0.81	0.87	0.90
0.00	0.00	0.00	0.40	0.49	0.56	0.61	0.69	0.74	0.77	0.82	0.85
Rating: 10W 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	1.00	0.83	0.70	0.61	0.49	0.41	0.35	0.27	0.22
	0.30		0.83	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21
	0.20		0.72	0.62	0.54	0.49	0.40	0.34	0.30	0.24	0.20
0.50	0.50	0.20	0.96	0.79	0.67	0.59	0.47	0.42	0.33	0.26	0.21
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.53	0.48	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.37	0.32	0.24	0.20
	0.30		0.80	0.67	0.58	0.51	0.41	0.35	0.30	0.23	0.19
	0.20		0.70	0.60	0.52	0.47	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.60	0.50	0.43	0.38	0.31	0.26	0.22	0.17	0.14
<p>Rating: 10W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.19	0.19	0.20	0.21	0.22	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	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.05	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	0.19	0.19	0.20	0.20	0.21	0.21
	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	0.10	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: 10W 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	140.3	0.1	0.1	0.03	0.03
1.0-2.0	140.3	0.4	0.5	0.10	0.13
2.0-3.0	140.2	0.7	1.2	0.17	0.30
3.0-4.0	140.0	0.9	2.1	0.23	0.53
4.0-5.0	139.8	1.2	3.3	0.30	0.83
5.0-6.0	139.6	1.5	4.8	0.37	1.20
6.0-7.0	139.3	1.7	6.5	0.43	1.63
7.0-8.0	138.9	2.0	8.5	0.49	2.12
8.0-9.0	138.5	2.2	10.8	0.56	2.68
9.0-10.0	138.0	2.5	13.3	0.62	3.30
10.0-11.0	137.5	2.7	16.0	0.68	3.99
11.0-12.0	137.0	3.0	19.0	0.75	4.73
12.0-13.0	136.3	3.2	22.3	0.81	5.54
13.0-14.0	135.7	3.5	25.7	0.86	6.40
14.0-15.0	135.0	3.7	29.4	0.92	7.32
15.0-16.0	134.2	3.9	33.4	0.98	8.30
16.0-17.0	133.4	4.2	37.5	1.03	9.34
17.0-18.0	132.6	4.4	41.9	1.09	10.42
18.0-19.0	131.7	4.6	46.5	1.14	11.56
19.0-20.0	130.7	4.8	51.3	1.19	12.75
20.0-21.0	129.7	5.0	56.2	1.24	13.99
21.0-22.0	128.7	5.2	61.4	1.29	15.28
22.0-23.0	127.6	5.4	66.8	1.33	16.61
23.0-24.0	126.4	5.5	72.3	1.38	17.99
24.0-25.0	125.3	5.7	78.0	1.42	19.41
25.0-26.0	124.1	5.9	83.8	1.46	20.86
26.0-27.0	122.8	6.0	89.9	1.50	22.36
27.0-28.0	121.5	6.2	96.0	1.53	23.89
28.0-29.0	120.2	6.3	102.3	1.56	25.45
29.0-30.0	118.8	6.4	108.7	1.60	27.05
30.0-31.0	117.4	6.5	115.2	1.63	28.67
31.0-32.0	115.9	6.6	121.9	1.65	30.33
32.0-33.0	114.4	6.7	128.6	1.68	32.00
33.0-34.0	112.9	6.8	135.5	1.70	33.70
34.0-35.0	111.3	6.9	142.4	1.72	35.42
35.0-36.0	109.7	7.0	149.4	1.74	37.16

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	108.0	7.0	156.4	1.75	38.92
37.0-38.0	106.3	7.1	163.5	1.77	40.68
38.0-39.0	104.6	7.1	170.6	1.78	42.46
39.0-40.0	102.9	7.2	177.8	1.79	44.25
40.0-41.0	101.1	7.2	185.0	1.79	46.04
41.0-42.0	99.3	7.2	192.2	1.79	47.83
42.0-43.0	97.4	7.2	199.5	1.80	49.63
43.0-44.0	95.6	7.2	206.7	1.79	51.42
44.0-45.0	93.6	7.2	213.9	1.79	53.21
45.0-46.0	91.7	7.2	221.0	1.78	55.00
46.0-47.0	89.7	7.1	228.2	1.78	56.77
47.0-48.0	87.7	7.1	235.3	1.76	58.54
48.0-49.0	85.7	7.0	242.3	1.75	60.29
49.0-50.0	83.7	7.0	249.3	1.74	62.03
50.0-51.0	81.6	6.9	256.2	1.72	63.74
51.0-52.0	79.5	6.8	263.0	1.70	65.44
52.0-53.0	77.4	6.7	269.7	1.67	67.12
53.0-54.0	75.2	6.6	276.4	1.65	68.76
54.0-55.0	73.0	6.5	282.9	1.62	70.39
55.0-56.0	70.9	6.4	289.3	1.59	71.98
56.0-57.0	68.7	6.3	295.6	1.56	73.54
57.0-58.0	66.4	6.1	301.7	1.53	75.07
58.0-59.0	64.2	6.0	307.7	1.49	76.57
59.0-60.0	61.9	5.9	313.6	1.46	78.02
60.0-61.0	59.7	5.7	319.3	1.42	79.44
61.0-62.0	57.4	5.5	324.8	1.38	80.82
62.0-63.0	55.1	5.4	330.2	1.33	82.15
63.0-64.0	52.8	5.2	335.3	1.29	83.44
64.0-65.0	50.5	5.0	340.3	1.24	84.68
65.0-66.0	48.2	4.8	345.2	1.20	85.88
66.0-67.0	45.9	4.6	349.8	1.15	87.03
67.0-68.0	43.6	4.4	354.2	1.10	88.13
68.0-69.0	41.3	4.2	358.4	1.05	89.18
69.0-70.0	39.0	4.0	362.4	1.00	90.17
70.0-71.0	36.7	3.8	366.2	0.94	91.12
71.0-72.0	34.4	3.6	369.8	0.89	92.01

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	32.1	3.4	373.1	0.84	92.84
73.0-74.0	29.9	3.1	376.3	0.78	93.62
74.0-75.0	27.6	2.9	379.2	0.73	94.35
75.0-76.0	25.4	2.7	381.9	0.67	95.02
76.0-77.0	23.2	2.5	384.4	0.62	95.64
77.0-78.0	21.1	2.3	386.6	0.56	96.20
78.0-79.0	19.0	2.0	388.7	0.51	96.71
79.0-80.0	16.9	1.8	390.5	0.45	97.16
80.0-81.0	14.8	1.6	392.1	0.40	97.56
81.0-82.0	12.8	1.4	393.5	0.35	97.91
82.0-83.0	10.9	1.2	394.7	0.29	98.20
83.0-84.0	9.0	1.0	395.6	0.24	98.44
84.0-85.0	7.2	0.8	396.4	0.20	98.64
85.0-86.0	5.4	0.6	397.0	0.15	98.79
86.0-87.0	3.7	0.4	397.4	0.10	98.89
87.0-88.0	2.2	0.2	397.7	0.06	98.95
88.0-89.0	1.0	0.1	397.8	0.03	98.98
89.0-90.0	0.4	0.0	397.8	0.01	98.99
90.0-91.0	0.2	0.0	397.9	0.01	99.00
91.0-92.0	0.2	0.0	397.9	0.01	99.00
92.0-93.0	0.2	0.0	397.9	0.01	99.01
93.0-94.0	0.2	0.0	397.9	0.01	99.01
94.0-95.0	0.2	0.0	398.0	0.01	99.02
95.0-96.0	0.3	0.0	398.0	0.01	99.03
96.0-97.0	0.3	0.0	398.0	0.01	99.03
97.0-98.0	0.3	0.0	398.1	0.01	99.04
98.0-99.0	0.3	0.0	398.1	0.01	99.05
99.0-100.0	0.3	0.0	398.1	0.01	99.06
100.0-101.0	0.3	0.0	398.2	0.01	99.07
101.0-102.0	0.3	0.0	398.2	0.01	99.08
102.0-103.0	0.3	0.0	398.2	0.01	99.09
103.0-104.0	0.4	0.0	398.3	0.01	99.09
104.0-105.0	0.4	0.0	398.3	0.01	99.10
105.0-106.0	0.4	0.0	398.3	0.01	99.12
106.0-107.0	0.4	0.0	398.4	0.01	99.13
107.0-108.0	0.4	0.0	398.4	0.01	99.14

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	0.4	0.0	398.5	0.01	99.15
109.0-110.0	0.5	0.0	398.5	0.01	99.16
110.0-111.0	0.5	0.0	398.6	0.01	99.17
111.0-112.0	0.5	0.0	398.6	0.01	99.18
112.0-113.0	0.5	0.0	398.7	0.01	99.20
113.0-114.0	0.5	0.1	398.7	0.01	99.21
114.0-115.0	0.6	0.1	398.8	0.01	99.22
115.0-116.0	0.6	0.1	398.8	0.01	99.24
116.0-117.0	0.6	0.1	398.9	0.01	99.25
117.0-118.0	0.6	0.1	398.9	0.01	99.27
118.0-119.0	0.6	0.1	399.0	0.01	99.28
119.0-120.0	0.6	0.1	399.1	0.01	99.29
120.0-121.0	0.6	0.1	399.1	0.01	99.31
121.0-122.0	0.7	0.1	399.2	0.02	99.32
122.0-123.0	0.7	0.1	399.2	0.02	99.34
123.0-124.0	0.7	0.1	399.3	0.02	99.36
124.0-125.0	0.7	0.1	399.4	0.02	99.37
125.0-126.0	0.7	0.1	399.4	0.02	99.39
126.0-127.0	0.7	0.1	399.5	0.02	99.40
127.0-128.0	0.7	0.1	399.6	0.02	99.42
128.0-129.0	0.8	0.1	399.6	0.02	99.43
129.0-130.0	0.8	0.1	399.7	0.02	99.45
130.0-131.0	0.8	0.1	399.8	0.02	99.47
131.0-132.0	0.8	0.1	399.8	0.02	99.48
132.0-133.0	0.8	0.1	399.9	0.02	99.50
133.0-134.0	0.8	0.1	399.9	0.02	99.51
134.0-135.0	0.8	0.1	400.0	0.02	99.53
135.0-136.0	0.9	0.1	400.1	0.02	99.55
136.0-137.0	0.9	0.1	400.1	0.02	99.56
137.0-138.0	0.9	0.1	400.2	0.02	99.58
138.0-139.0	0.9	0.1	400.3	0.02	99.60
139.0-140.0	0.9	0.1	400.3	0.02	99.61
140.0-141.0	0.9	0.1	400.4	0.02	99.63
141.0-142.0	0.9	0.1	400.5	0.02	99.64
142.0-143.0	0.9	0.1	400.5	0.02	99.66
143.0-144.0	0.9	0.1	400.6	0.02	99.68

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	400.7	0.02	99.69
145.0-146.0	1.0	0.1	400.7	0.02	99.71
146.0-147.0	1.0	0.1	400.8	0.02	99.72
147.0-148.0	1.0	0.1	400.8	0.01	99.74
148.0-149.0	1.0	0.1	400.9	0.01	99.75
149.0-150.0	1.0	0.1	401.0	0.01	99.77
150.0-151.0	1.0	0.1	401.0	0.01	99.78
151.0-152.0	1.1	0.1	401.1	0.01	99.79
152.0-153.0	1.1	0.1	401.1	0.01	99.81
153.0-154.0	1.1	0.1	401.2	0.01	99.82
154.0-155.0	1.1	0.1	401.2	0.01	99.83
155.0-156.0	1.1	0.0	401.3	0.01	99.84
156.0-157.0	1.1	0.0	401.3	0.01	99.86
157.0-158.0	1.1	0.0	401.4	0.01	99.87
158.0-159.0	1.1	0.0	401.4	0.01	99.88
159.0-160.0	1.1	0.0	401.5	0.01	99.89
160.0-161.0	1.1	0.0	401.5	0.01	99.90
161.0-162.0	1.2	0.0	401.5	0.01	99.91
162.0-163.0	1.2	0.0	401.6	0.01	99.92
163.0-164.0	1.2	0.0	401.6	0.01	99.93
164.0-165.0	1.2	0.0	401.6	0.01	99.94
165.0-166.0	1.2	0.0	401.7	0.01	99.94
166.0-167.0	1.2	0.0	401.7	0.01	99.95
167.0-168.0	1.2	0.0	401.7	0.01	99.96
168.0-169.0	1.2	0.0	401.8	0.01	99.97
169.0-170.0	1.2	0.0	401.8	0.01	99.97
170.0-171.0	1.2	0.0	401.8	0.01	99.98
171.0-172.0	1.2	0.0	401.8	0.00	99.98
172.0-173.0	1.2	0.0	401.8	0.00	99.99
173.0-174.0	1.2	0.0	401.9	0.00	99.99
174.0-175.0	1.2	0.0	401.9	0.00	99.99
175.0-176.0	1.2	0.0	401.9	0.00	100.00
176.0-177.0	1.2	0.0	401.9	0.00	100.00
177.0-178.0	1.2	0.0	401.9	0.00	100.00
178.0-179.0	1.2	0.0	401.9	0.00	100.00
179.0-180.0	1.2	0.0	401.9	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector: