

Report No.:

Test Time: 2021-12-23 19:21

Luminaire Property

Luminaire Manufacturer: 佛山市睿锋照明有限公司

Luminous Length (mm): 380

Voltage: 230.9 V

Power: 26.81 W

Luminous Width (mm): 380

Current: 0.123 A

Power Factor: 0.942

Photometric Results

CIE Class: Direct

Measurement Flux: 1766.1 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 171.9, 170.4, 171.2, 170.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 118.3, 117.4, 117.9, 117.7

Luminaire Efficacy Rating (LER): 65.92

Max. Intensity: 568.98 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 1766.1 lm

Efficiency: 100%

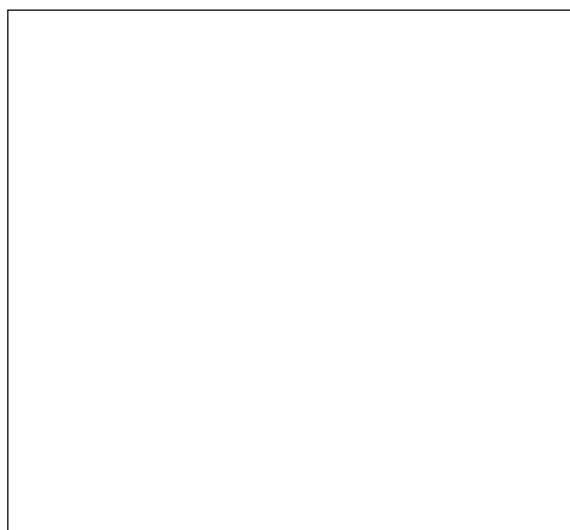
Upward Ratio: 0%

Central Intensity: 568.95 cd

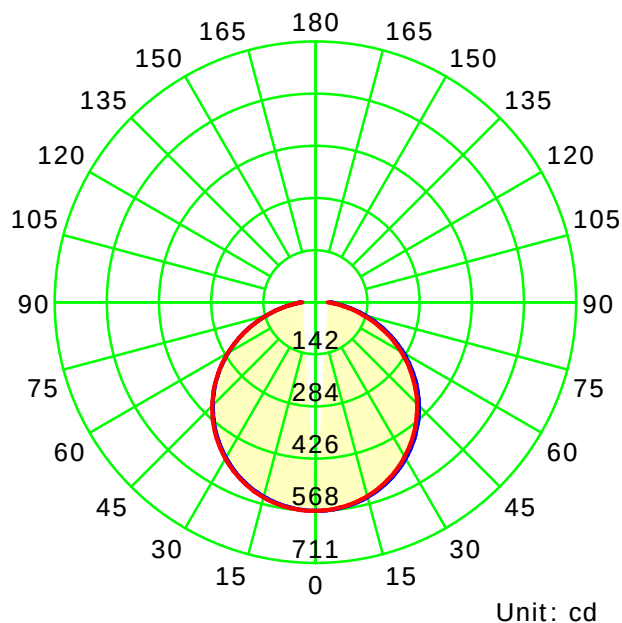
Pos of Max. Intensity: H315 V1

S/MH(C90/C270): 1.28

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

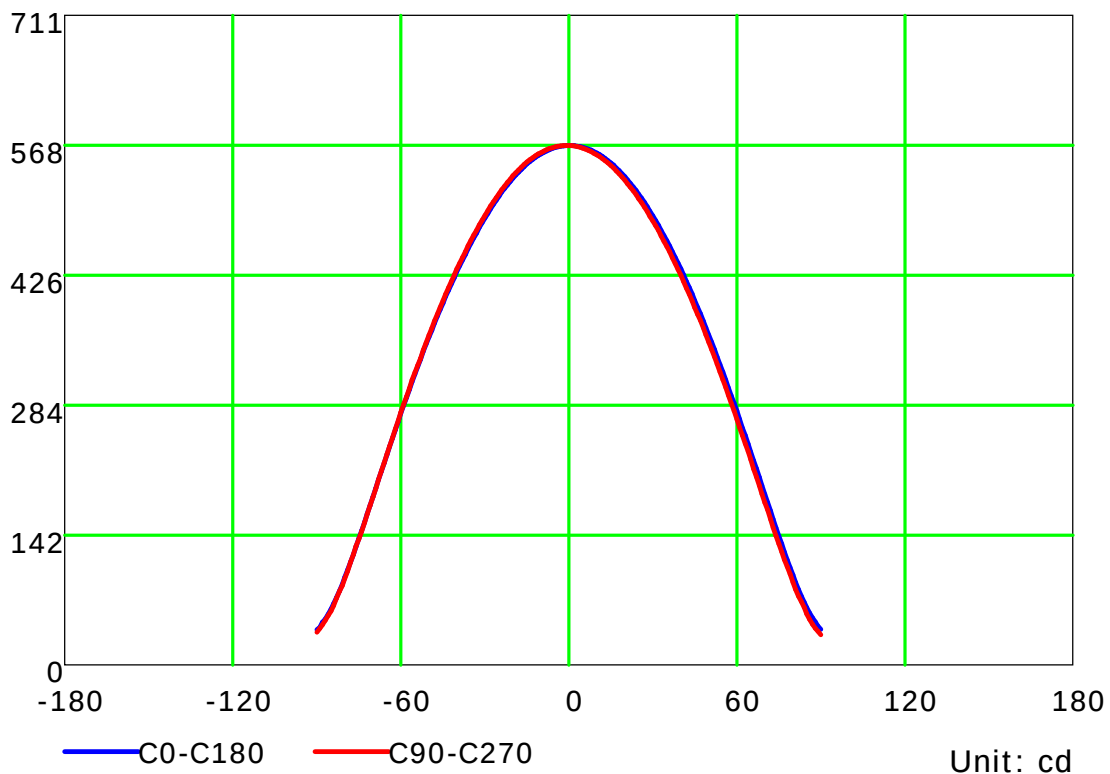
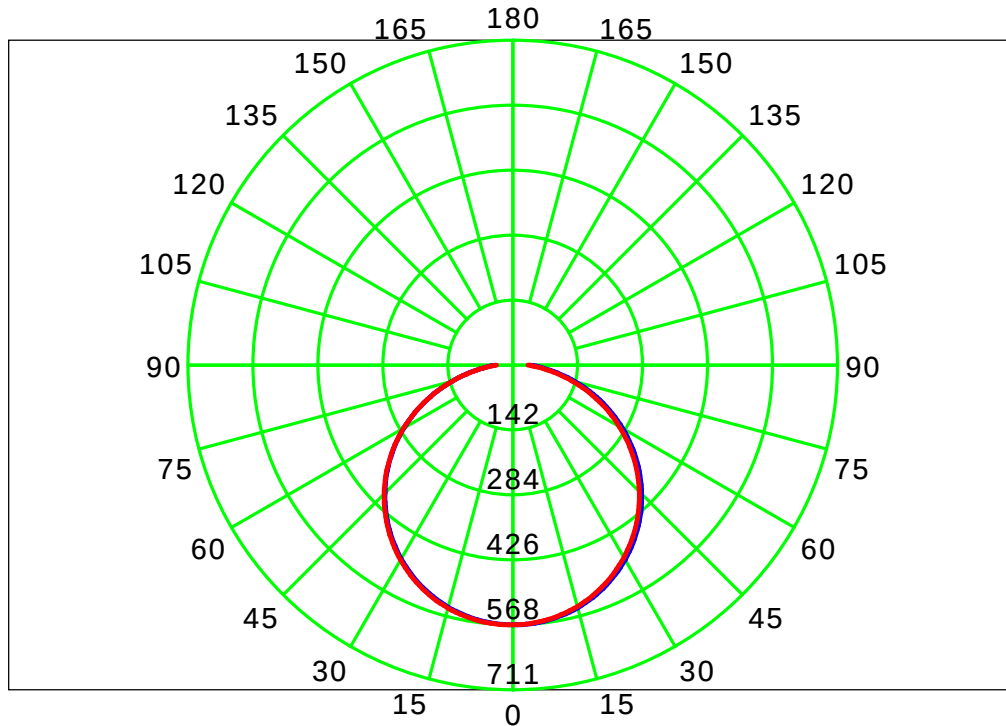
Distance: 7.919 m

Humidity: 50%

Inspector:



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 7.919 m
Humidity: 50%
Inspector:



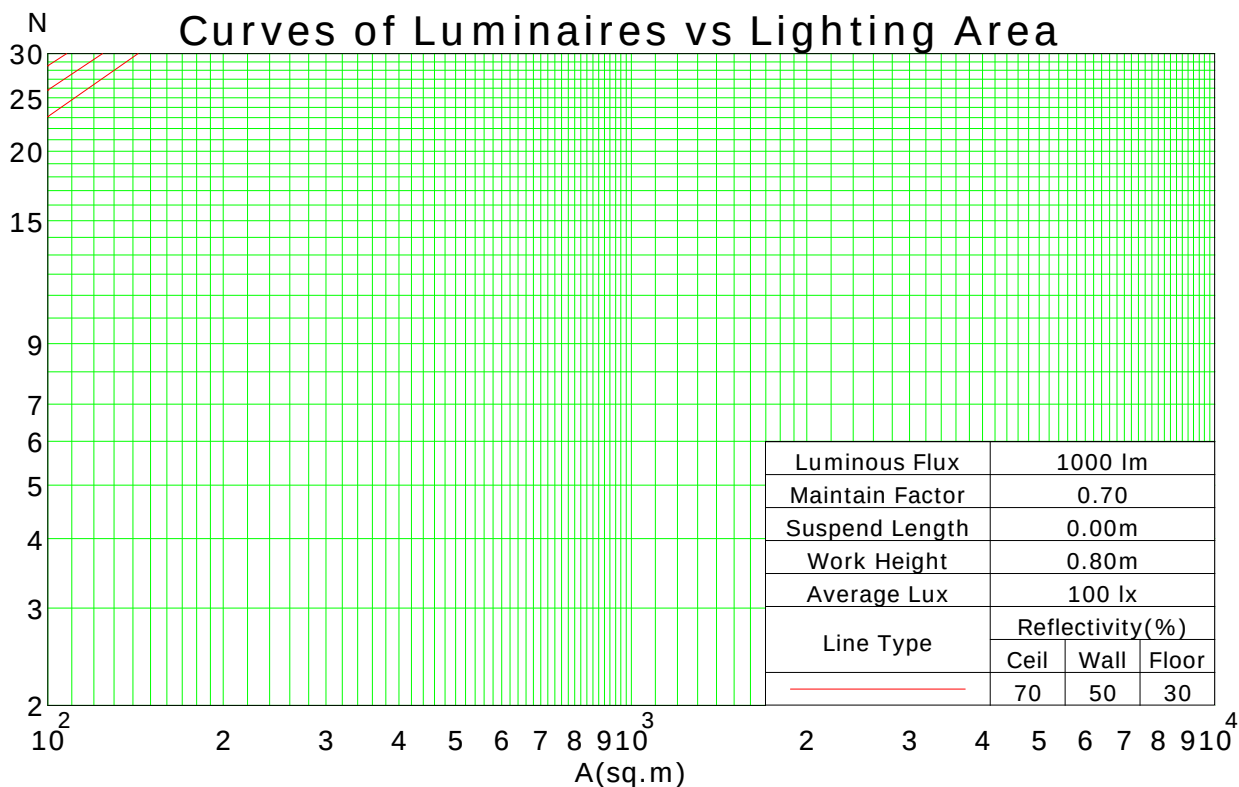
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	89	81	75	95	87	80	74	83	77	72	80	75	71	77	73	69	67
3	89	77	69	62	86	76	68	61	73	66	60	70	64	59	67	62	58	56
4	81	68	59	52	79	67	58	52	64	57	51	62	56	50	60	54	50	47
5	74	61	52	45	72	60	51	44	58	50	44	56	49	43	54	48	43	41
6	69	55	45	39	67	54	45	39	52	44	38	50	43	38	49	42	38	35
7	63	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31
8	59	45	36	30	57	44	36	30	43	36	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	23

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.40



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

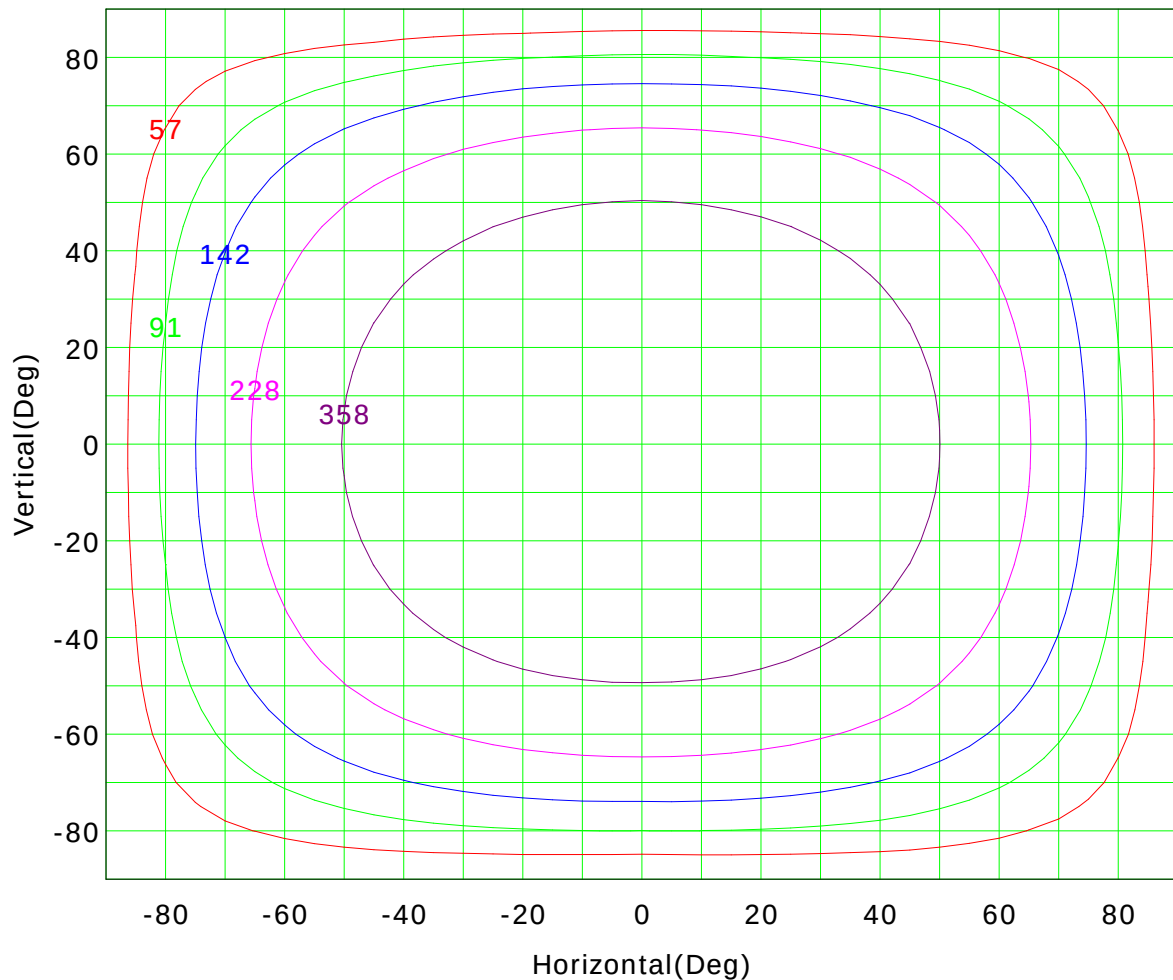
Distance: 7.919 m

Humidity: 50%

Inspector:



Isocandela (rectangle)



I_{max} (100%): 569 cd

(10%):	57 cd	(16%):	91 cd
(25%):	142 cd	(40%):	228 cd
(63%):	358 cd	(100%):	569 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

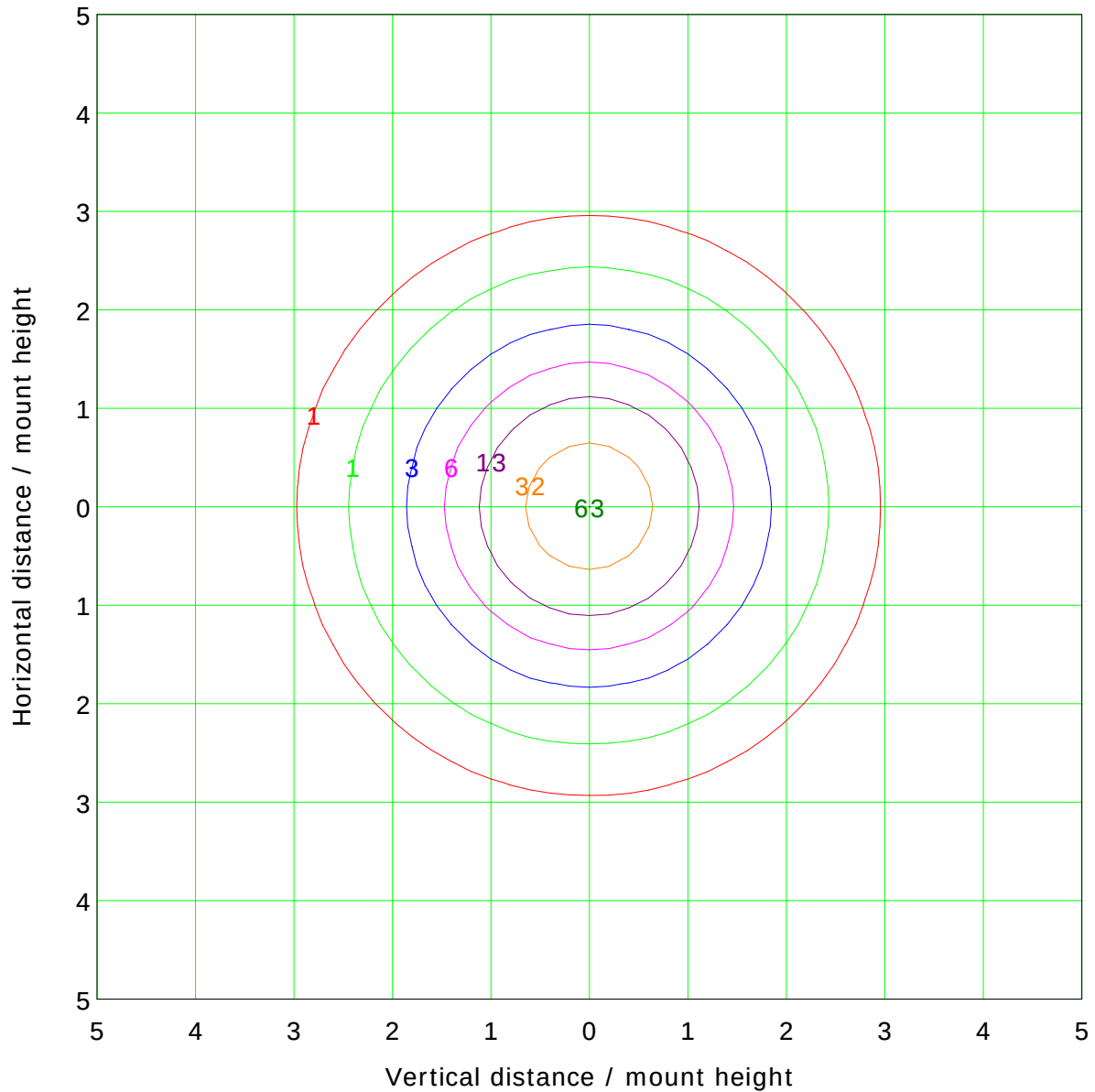
Distance: 7.919 m

Humidity: 50%

Inspector:



IsoLux Plot



Mounting Height: 3.0m Max Lux(100%): 63.2 lx

(1%): 0.6 lx

(5%): 3.2 lx

(20%): 12.6 lx

(100%): 63.2 lx

(2%): 1.3 lx

(10%): 6.3 lx

(50%): 31.6 lx

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

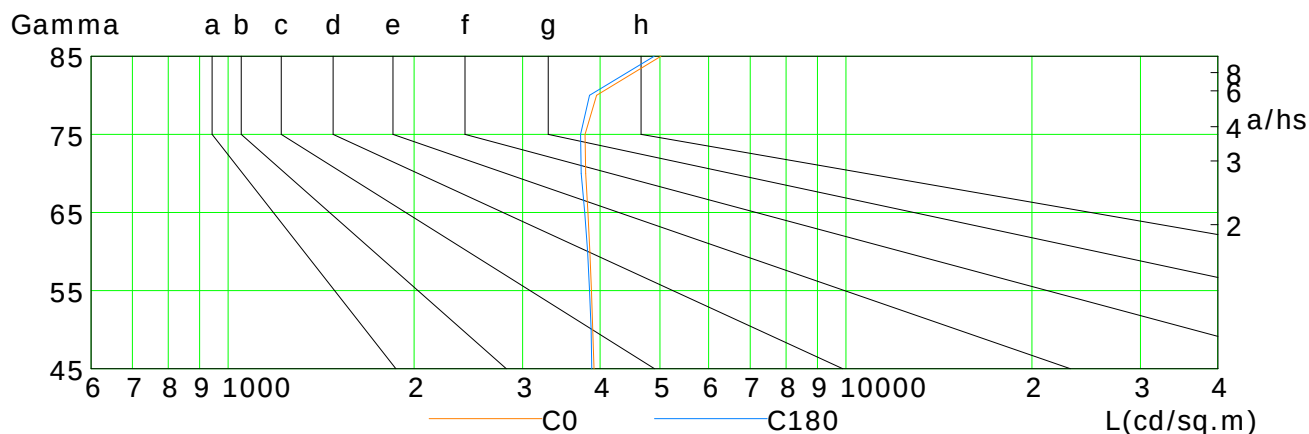
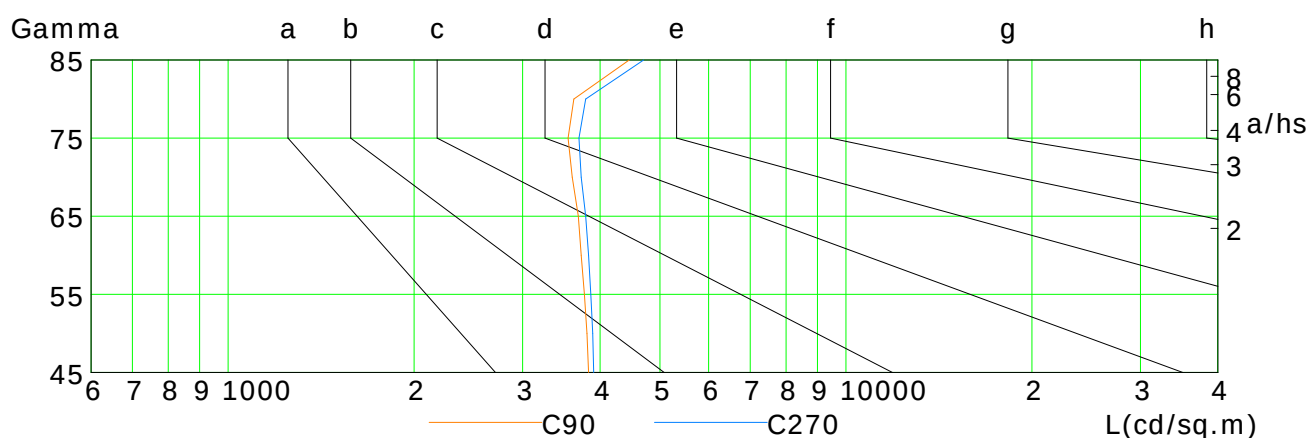
Inspector:



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	3911	3895	3877	3853	3825	3791	3785	3949	5019
C90	3835	3810	3777	3732	3692	3609	3553	3627	4463
C180	3882	3871	3847	3820	3781	3732	3720	3849	4894
C270	3909	3893	3867	3834	3792	3730	3697	3794	4705

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

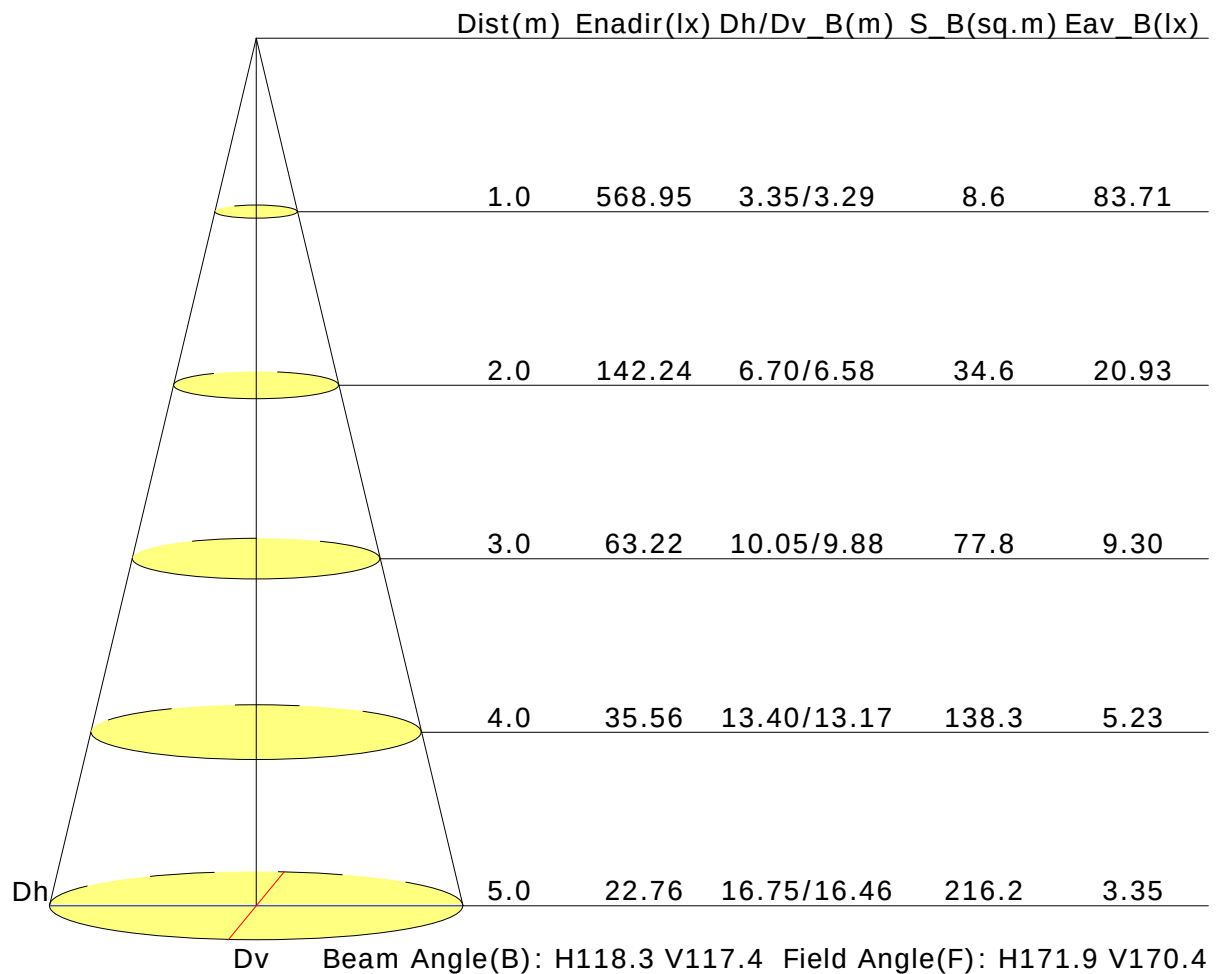
Distance: 7.919 m

Humidity: 50%

Inspector:



Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

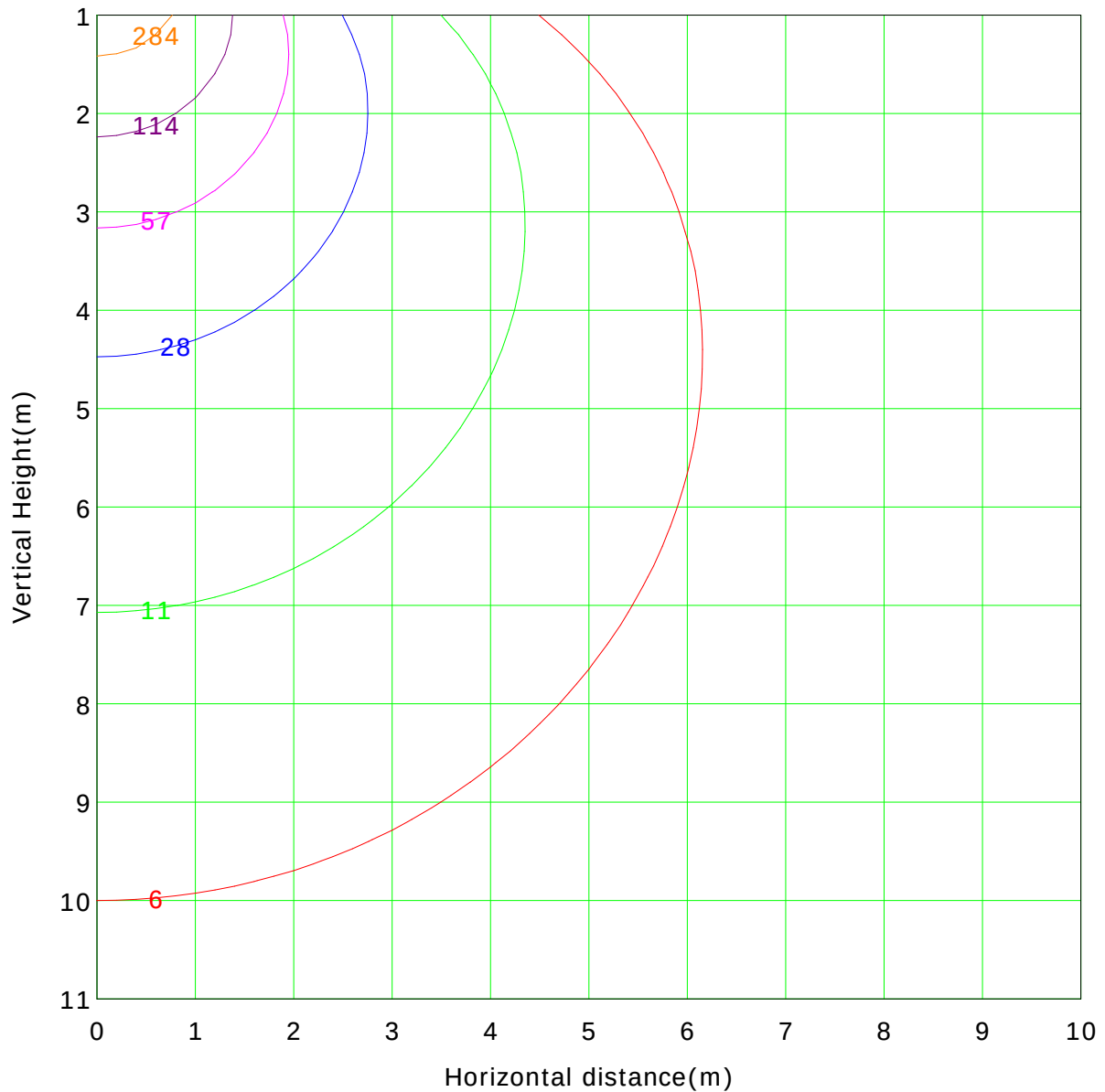
Distance: 7.919 m

Humidity: 50%

Inspector:



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 569.0 lx

(1%): 5.7 lx	(2%): 11.4 lx
(5%): 28.4 lx	(10%): 56.9 lx
(20%): 113.8 lx	(50%): 284.5 lx
(100%): 569.0 lx	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:



Rayvenlights®

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Fax:86-757-81992180

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Area Flux Table

Unit: lm

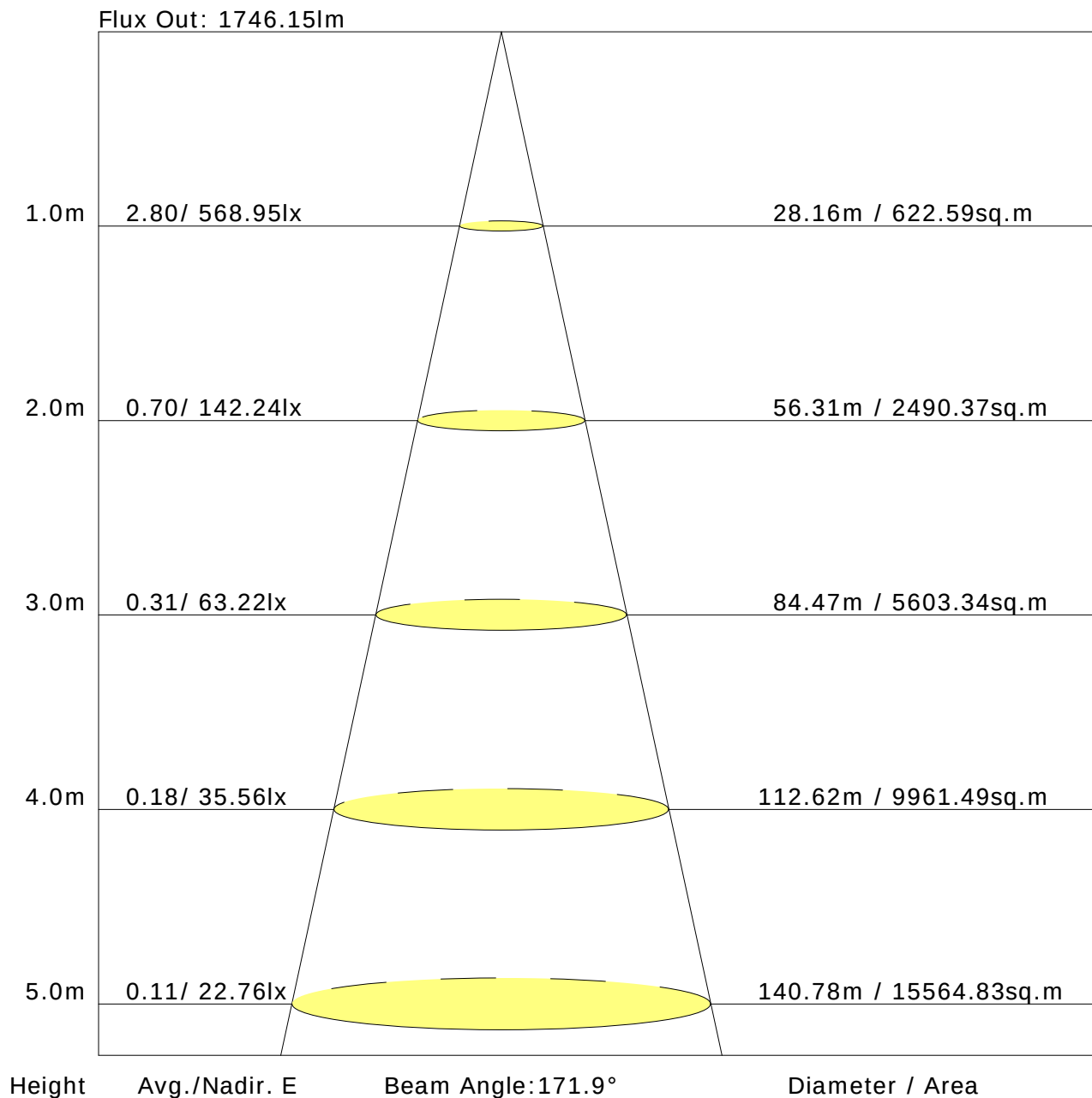
		Correct data																			
-90	0.1	0.3	0.6	0.9	1.1	1.4	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.1	0.8	0.6	0.3	0.1	19.2	9.4	
-80	0.1	0.4	0.9	1.5	2.2	2.8	3.5	3.9	4.2	4.2	3.9	3.4	2.8	2.1	1.5	0.9	0.4	0.1	38.8	38.0	
-70	0.1	0.6	1.3	2.3	3.4	4.6	5.7	6.5	7.0	6.9	6.5	5.7	4.6	3.4	2.3	1.3	0.6	0.1	62.8	62.5	
-60	0.1	0.7	1.7	3.1	4.7	6.4	7.9	9.0	9.6	9.6	9.0	7.9	6.4	4.7	3.1	1.7	0.7	0.1	86.5	86.4	
-50	0.2	0.8	2.1	3.9	5.9	8.0	9.9	11.3	12.0	12.0	11.2	9.8	8.0	5.9	3.9	2.1	0.8	0.2	107.9	107.8	
-40	0.2	0.9	2.4	4.5	6.9	9.3	11.5	13.1	14.0	14.0	13.1	11.5	9.3	6.9	4.5	2.4	0.9	0.2	125.9	125.8	
-30	0.2	1.0	2.7	5.0	7.7	10.4	12.8	14.6	15.5	15.5	14.6	12.8	10.4	7.7	5.0	2.7	1.0	0.2	139.9	139.8	
-20	0.2	1.1	2.9	5.4	8.2	11.1	13.6	15.5	16.6	16.6	15.6	13.7	11.1	8.3	5.4	2.9	1.1	0.2	149.4	149.4	
-10	0.2	1.1	3.0	5.6	8.5	11.5	14.1	16.0	17.1	17.1	16.1	14.1	11.5	8.5	5.6	3.0	1.1	0.2	154.3	154.2	
0	0.2	1.1	3.0	5.6	8.5	11.5	14.1	16.0	17.1	17.1	16.0	14.1	11.5	8.5	5.6	3.0	1.2	0.2	154.2	154.1	
10	0.2	1.1	2.9	5.4	8.2	11.1	13.6	15.5	16.5	16.5	15.5	13.7	11.1	8.3	5.4	2.9	1.1	0.2	149.1	149.1	
20	0.2	1.0	2.7	5.0	7.7	10.4	12.7	14.5	15.4	15.4	14.5	12.8	10.4	7.7	5.0	2.7	1.0	0.2	139.4	139.3	
30	0.2	0.9	2.4	4.5	6.9	9.3	11.4	13.0	13.8	13.8	13.0	11.5	9.4	6.9	4.5	2.4	1.0	0.2	125.3	125.2	
40	0.2	0.8	2.1	3.9	5.9	8.0	9.8	11.1	11.8	11.8	11.1	9.8	8.0	5.9	3.9	2.1	0.8	0.2	107.3	107.2	
50	0.1	0.7	1.7	3.1	4.7	6.4	7.8	8.9	9.4	9.4	8.9	7.8	6.4	4.7	3.1	1.7	0.7	0.1	85.9	85.8	
60	0.1	0.6	1.3	2.3	3.5	4.6	5.7	6.4	6.8	6.8	6.4	5.6	4.6	3.4	2.3	1.3	0.6	0.1	62.4	62.1	
70	0.1	0.4	0.9	1.5	2.2	2.9	3.4	3.9	4.1	4.1	3.8	3.4	2.8	2.2	1.5	0.9	0.4	0.1	38.6	37.8	
80	0.1	0.3	0.6	0.9	1.1	1.4	1.6	1.7	1.8	1.8	1.7	1.6	1.4	1.1	0.9	0.6	0.3	0.1	19.1	9.5	
90	2.8	14.1	35.1	64.1	97.5	131.1	160.7	182.8	194.4	194.4	182.8	160.8	131.1	97.5	64.2	35.3	14.3	2.9	1766		
Flux(T)	1.7	12.8	33.9	62.9	96.3	129.9	159.5	181.4	193.1	193.0	181.5	159.5	129.8	96.3	63.0	34.1	13.1	1.7		1743	
Flux(E)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane																					

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 7.919 m
Humidity: 50%
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	17.3	18.8	17.6	19.0	19.3	17.3	18.7	17.6	19.0	19.2
3H	19.1	20.4	19.4	20.7	21.0	19.0	20.3	19.3	20.6	20.9
4H	19.9	21.2	20.3	21.4	21.7	19.8	21.0	20.1	21.3	21.6
6H	20.6	21.8	21.0	22.1	22.4	20.4	21.6	20.8	21.9	22.2
8H	20.9	22.0	21.3	22.4	22.7	20.7	21.9	21.1	22.2	22.5
12H	21.2	22.3	21.6	22.6	23.0	21.0	22.1	21.4	22.4	22.8
X=4H Y=2H	18.1	19.3	18.4	19.6	19.9	18.0	19.3	18.4	19.5	19.8
3H	20.0	21.1	20.4	21.5	21.8	19.9	21.0	20.3	21.4	21.7
4H	21.0	21.9	21.4	22.3	22.7	20.9	21.8	21.3	22.2	22.6
6H	21.8	22.7	22.2	23.1	23.5	21.7	22.5	22.1	22.9	23.3
8H	22.2	23.0	22.7	23.4	23.8	22.0	22.8	22.5	23.2	23.7
12H	22.6	23.3	23.1	23.7	24.2	22.4	23.1	22.9	23.5	24.0
X=8H Y=4H	21.3	22.1	21.8	22.6	23.0	21.2	22.0	21.7	22.5	22.9
6H	22.4	23.0	22.9	23.5	24.0	22.3	22.9	22.7	23.3	23.8
8H	22.9	23.5	23.4	23.9	24.4	22.8	23.3	23.2	23.8	24.3
12H	23.4	24.0	23.9	24.4	24.9	23.2	23.8	23.7	24.2	24.7
X=12H Y=4H	21.4	22.1	21.9	22.5	23.0	21.3	22.0	21.8	22.4	22.9
6H	22.5	23.1	23.0	23.5	24.0	22.4	23.0	22.9	23.4	23.9
8H	23.1	23.6	23.6	24.1	24.6	22.9	23.4	23.4	23.9	24.4
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.4/-0.4					+0.4/-0.4				
S=2.0H	+0.5/-0.8					+0.5/-0.7				

Calculate in accordance with CIE Pub.117. The table is revised with 1766lm ($8\log(F/F_0) = 2.0$).

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

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	0.58	0.66	0.74	0.79	0.86	0.91	0.94	0.99	1.02	
	0.30		0.50	0.58	0.66	0.72	0.80	0.85	0.89	0.95	0.98	
	0.20		0.44	0.52	0.60	0.66	0.74	0.80	0.85	0.91	0.95	
0.50	0.50	0.20	0.56	0.64	0.71	0.76	0.83	0.87	0.91	0.95	0.98	
	0.30		0.49	0.57	0.64	0.70	0.77	0.82	0.86	0.91	0.95	
	0.20		0.44	0.52	0.59	0.65	0.73	0.78	0.82	0.88	0.92	
0.30	0.50	0.20	0.55	0.62	0.69	0.73	0.80	0.84	0.87	0.91	0.94	
	0.30		0.48	0.56	0.63	0.68	0.75	0.80	0.84	0.88	0.91	
	0.20		0.44	0.51	0.59	0.64	0.71	0.76	0.80	0.86	0.89	
0.00	0.00	0.00	0.42	0.49	0.56	0.61	0.68	0.73	0.76	0.81	0.84	
Rating:27W 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	0.98	0.84	0.72	0.63	0.51	0.42	0.37	0.29	0.24	
	0.30		0.82	0.72	0.62	0.56	0.46	0.39	0.34	0.27	0.22	
	0.20		0.70	0.63	0.55	0.50	0.42	0.36	0.32	0.26	0.21	
0.50	0.50	0.20	0.95	0.81	0.69	0.60	0.48	0.44	0.35	0.27	0.23	
	0.30		0.80	0.70	0.61	0.54	0.44	0.38	0.33	0.26	0.22	
	0.20		0.70	0.62	0.54	0.49	0.41	0.35	0.31	0.25	0.21	
0.30	0.50	0.20	0.92	0.78	0.66	0.58	0.46	0.39	0.33	0.26	0.22	
	0.30		0.79	0.69	0.59	0.52	0.43	0.36	0.32	0.25	0.21	
	0.20		0.69	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.00	0.00	0.00	0.59	0.52	0.44	0.39	0.32	0.28	0.24	0.19	0.16	
Rating:27W 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	0.16	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	
0.30	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		0.05	0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Rating:27W 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	568.9	0.5	0.5	0.03	0.03
1.0-2.0	568.7	1.6	2.2	0.09	0.12
2.0-3.0	568.4	2.7	4.9	0.15	0.28
3.0-4.0	567.8	3.8	8.7	0.22	0.49
4.0-5.0	567.1	4.9	13.6	0.28	0.77
5.0-6.0	566.3	6.0	19.5	0.34	1.11
6.0-7.0	565.2	7.0	26.5	0.40	1.50
7.0-8.0	564.0	8.1	34.6	0.46	1.96
8.0-9.0	562.6	9.1	43.7	0.52	2.48
9.0-10.0	561.0	10.2	53.9	0.57	3.05
10.0-11.0	559.2	11.2	65.1	0.63	3.68
11.0-12.0	557.3	12.2	77.2	0.69	4.37
12.0-13.0	555.1	13.2	90.4	0.75	5.12
13.0-14.0	552.8	14.2	104.6	0.80	5.92
14.0-15.0	550.4	15.1	119.7	0.86	6.78
15.0-16.0	547.8	16.1	135.7	0.91	7.69
16.0-17.0	544.9	17.0	152.7	0.96	8.65
17.0-18.0	541.9	17.9	170.6	1.01	9.66
18.0-19.0	538.7	18.7	189.3	1.06	10.72
19.0-20.0	535.3	19.6	208.9	1.11	11.83
20.0-21.0	531.8	20.4	229.4	1.16	12.99
21.0-22.0	528.1	21.2	250.6	1.20	14.19
22.0-23.0	524.3	22.0	272.6	1.25	15.43
23.0-24.0	520.2	22.7	295.3	1.29	16.72
24.0-25.0	516.1	23.5	318.8	1.33	18.05
25.0-26.0	511.7	24.2	343.0	1.37	19.42
26.0-27.0	507.2	24.8	367.8	1.41	20.82
27.0-28.0	502.5	25.4	393.2	1.44	22.26
28.0-29.0	497.7	26.0	419.3	1.47	23.74
29.0-30.0	492.7	26.6	445.9	1.51	25.25
30.0-31.0	487.5	27.1	473.0	1.54	26.78
31.0-32.0	482.2	27.6	500.6	1.56	28.35
32.0-33.0	476.7	28.1	528.7	1.59	29.94
33.0-34.0	471.1	28.5	557.2	1.61	31.55
34.0-35.0	465.4	28.9	586.1	1.64	33.19
35.0-36.0	459.5	29.3	615.4	1.66	34.84

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

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	453.5	29.6	645.0	1.67	36.52
37.0-38.0	447.3	29.9	674.8	1.69	38.21
38.0-39.0	440.9	30.1	704.9	1.70	39.91
39.0-40.0	434.5	30.3	735.2	1.72	41.63
40.0-41.0	428.0	30.5	765.7	1.73	43.36
41.0-42.0	421.2	30.6	796.3	1.73	45.09
42.0-43.0	414.3	30.7	827.0	1.74	46.83
43.0-44.0	407.3	30.7	857.8	1.74	48.57
44.0-45.0	400.2	30.8	888.5	1.74	50.31
45.0-46.0	392.9	30.7	919.3	1.74	52.05
46.0-47.0	385.6	30.7	949.9	1.74	53.79
47.0-48.0	378.1	30.6	980.5	1.73	55.52
48.0-49.0	370.5	30.4	1010.9	1.72	57.24
49.0-50.0	362.7	30.2	1041.2	1.71	58.95
50.0-51.0	354.9	30.0	1071.2	1.70	60.65
51.0-52.0	346.9	29.8	1101.0	1.69	62.34
52.0-53.0	338.7	29.5	1130.5	1.67	64.01
53.0-54.0	330.5	29.1	1159.6	1.65	65.66
54.0-55.0	322.3	28.8	1188.4	1.63	67.29
55.0-56.0	313.9	28.4	1216.7	1.61	68.89
56.0-57.0	305.5	27.9	1244.7	1.58	70.48
57.0-58.0	296.8	27.5	1272.1	1.55	72.03
58.0-59.0	288.1	26.9	1299.1	1.53	73.56
59.0-60.0	279.3	26.4	1325.4	1.49	75.05
60.0-61.0	270.4	25.8	1351.2	1.46	76.51
61.0-62.0	261.4	25.2	1376.4	1.43	77.94
62.0-63.0	252.4	24.5	1401.0	1.39	79.33
63.0-64.0	243.3	23.9	1424.9	1.35	80.68
64.0-65.0	234.4	23.2	1448.1	1.31	81.99
65.0-66.0	225.2	22.5	1470.5	1.27	83.26
66.0-67.0	215.8	21.7	1492.2	1.23	84.49
67.0-68.0	206.6	20.9	1513.2	1.19	85.68
68.0-69.0	197.4	20.1	1533.3	1.14	86.82
69.0-70.0	188.2	19.3	1552.6	1.09	87.91
70.0-71.0	178.8	18.5	1571.1	1.05	88.96
71.0-72.0	169.5	17.6	1588.8	1.00	89.96

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:



Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	569.0	569.0	569.0	569.0	569.0	569.0	569.0	569.0	569.0	
G1.0	568.9	568.9	568.7	568.9	568.9	568.8	569.0	569.0	568.9	
G2.0	568.7	568.5	568.3	568.5	568.5	568.5	568.8	568.8	568.7	
G3.0	568.2	568.0	567.8	568.0	568.0	568.2	568.6	568.5	568.2	
G4.0	567.6	567.4	566.9	567.3	567.3	567.6	568.0	567.9	567.6	
G5.0	567.0	566.7	566.0	566.6	566.6	566.8	567.4	567.2	567.0	
G6.0	566.1	565.7	565.0	565.6	565.6	565.8	566.5	566.3	566.1	
G7.0	565.0	564.5	563.5	564.4	564.4	564.7	565.5	565.1	565.0	
G8.0	563.7	563.1	562.2	563.0	563.0	563.4	564.3	563.8	563.7	
G9.0	562.2	561.7	560.6	561.4	561.5	561.9	562.9	562.4	562.2	
G10.0	560.6	560.0	558.7	559.8	559.8	560.3	561.3	560.8	560.6	
G11.0	558.8	558.2	556.8	557.9	557.9	558.4	559.5	558.9	558.8	
G12.0	556.9	556.0	554.6	555.6	555.8	556.4	557.6	556.9	556.9	
G13.0	554.8	553.9	552.2	553.5	553.6	554.2	555.4	554.8	554.8	
G14.0	552.5	551.4	549.7	550.9	551.3	551.8	553.3	552.3	552.5	
G15.0	549.9	549.7	547.0	548.4	548.7	549.3	550.8	550.0	549.9	
G16.0	547.3	546.2	544.3	545.6	545.8	546.4	548.1	547.2	547.3	
G17.0	544.4	543.2	541.2	542.8	542.9	543.6	545.2	544.3	544.4	
G18.0	541.4	540.2	537.9	539.5	539.9	540.5	542.3	541.1	541.4	
G19.0	538.1	536.9	534.4	536.3	536.4	537.2	539.0	537.9	538.1	
G20.0	534.8	533.4	530.9	532.8	533.1	533.9	535.8	534.4	534.8	
G21.0	531.2	529.8	527.2	529.2	529.4	530.2	532.0	530.9	531.2	
G22.0	527.6	526.1	523.3	525.3	525.7	526.4	528.4	527.0	527.6	
G23.0	523.7	522.0	519.2	521.4	521.9	522.6	524.4	523.1	523.7	
G24.0	519.7	517.8	515.2	517.3	517.8	518.2	520.6	518.9	519.7	
G25.0	515.4	513.8	510.8	513.2	513.4	514.2	516.1	514.9	515.4	
G26.0	511.2	509.2	506.3	508.6	508.9	509.6	511.8	510.1	511.2	
G27.0	506.6	504.8	501.6	504.1	504.3	505.2	507.1	505.7	506.6	
G28.0	501.9	500.0	496.6	499.2	499.6	500.3	502.5	500.9	501.9	
G29.0	497.0	495.0	491.5	494.4	494.7	495.5	497.5	495.9	497.0	
G30.0	492.0	490.0	486.4	489.2	489.6	490.3	492.5	490.9	492.0	
G31.0	486.9	484.8	481.1	483.6	484.4	485.0	487.2	485.5	486.9	
G32.0	481.4	479.4	475.8	478.7	479.0	479.7	482.0	480.1	481.4	
G33.0	476.1	473.8	469.9	473.1	473.3	474.2	476.4	474.8	476.1	
G34.0	470.4	468.1	464.2	467.5	467.9	468.4	470.9	468.9	470.4	
G35.0	464.6	462.4	458.3	461.6	462.1	462.8	465.1	463.1	464.6	
G36.0	458.9	456.5	452.3	455.6	456.1	457.2	459.1	456.9	458.9	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:



Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	452.9	450.2	446.1	449.5	449.9	450.8	452.8	450.9	452.9	
G38.0	446.5	444.2	439.8	443.5	443.9	444.3	446.7	444.6	446.5	
G39.0	440.1	437.6	433.3	436.9	437.4	437.9	440.2	438.2	440.1	
G40.0	433.9	431.3	426.7	430.5	430.9	431.4	433.8	431.4	433.9	
G41.0	427.5	424.5	420.1	424.0	424.3	424.9	427.1	424.9	427.5	
G42.0	420.4	417.9	413.0	417.1	417.6	418.2	420.2	418.0	420.4	
G43.0	413.6	410.9	406.2	410.1	410.5	411.2	413.3	411.1	413.6	
G44.0	406.5	403.7	398.9	403.2	403.7	404.1	406.4	403.9	406.5	
G45.0	399.3	396.6	391.6	396.0	396.3	397.2	399.1	396.7	399.3	
G46.0	391.9	389.4	384.1	388.8	389.5	389.5	391.8	389.2	391.9	
G47.0	384.8	381.8	377.4	381.2	382.0	382.1	384.1	381.9	384.8	
G48.0	376.9	374.5	369.4	374.0	374.5	374.5	376.8	374.0	376.9	
G49.0	369.4	366.8	361.7	366.1	366.8	366.9	369.0	366.2	369.4	
G50.0	361.5	359.1	353.6	358.5	359.3	359.1	361.3	358.3	361.5	
G51.0	353.7	351.1	345.8	350.8	351.5	351.1	353.0	350.4	353.7	
G52.0	345.7	343.3	337.7	342.4	343.5	343.1	344.9	342.1	345.7	
G53.0	337.5	334.9	329.7	334.6	335.1	335.1	336.3	333.9	337.5	
G54.0	329.3	326.8	321.0	326.6	326.9	326.6	328.6	325.7	329.3	
G55.0	321.1	318.2	312.8	318.4	318.6	318.4	320.2	317.2	321.1	
G56.0	312.4	310.0	304.3	309.8	310.4	309.9	312.2	308.6	312.4	
G57.0	304.1	301.5	295.8	301.6	301.7	301.9	303.1	300.0	304.1	
G58.0	295.3	293.0	287.1	292.7	293.2	292.9	294.2	291.1	295.3	
G59.0	287.2	284.1	278.6	284.0	284.5	284.0	285.7	282.1	287.2	
G60.0	278.2	274.8	269.4	275.3	275.8	274.9	276.8	273.3	278.2	
G61.0	269.5	265.9	260.7	266.3	266.7	266.0	268.0	264.4	269.5	
G62.0	259.9	257.0	251.6	257.5	257.7	257.8	258.7	255.2	259.9	
G63.0	251.6	247.9	242.5	248.4	248.7	248.0	249.1	246.0	251.6	
G64.0	242.2	238.9	234.3	239.6	239.6	239.1	239.8	237.0	242.2	
G65.0	233.4	229.7	225.3	230.4	230.7	230.0	231.4	228.6	233.4	
G66.0	224.1	220.6	215.1	221.4	221.4	220.6	221.6	218.4	224.1	
G67.0	215.1	211.3	206.1	212.4	212.2	211.3	212.5	209.0	215.1	
G68.0	205.7	202.1	196.7	203.2	203.0	202.1	202.9	200.5	205.7	
G69.0	196.7	192.8	187.6	193.8	193.9	192.7	193.6	191.4	196.7	
G70.0	187.2	183.9	178.2	184.7	184.3	183.4	184.2	182.1	187.2	
G71.0	178.1	174.3	169.9	175.4	175.2	173.8	175.0	171.2	178.1	
G72.0	169.0	165.4	160.0	166.5	165.8	165.0	165.5	162.6	169.0	
G73.0	159.8	156.0	150.7	157.1	156.8	155.5	156.3	153.0	159.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:



Inspector: