

Report No.:

Test Time: 2023-08-24 16:29

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ADLEDAC12W165-3TLamp Catalog: 4000K

Luminous Length (mm): 165

Luminous Width (mm): 165

Voltage: 230.3 V

Current: 0.035 A

Power: 7.49 W

Power Factor: 0.942

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 911.1 lm

Measurement Flux: 911.1 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.8, 156.6, 156.1, 156.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 107.5, 107.3, 107.4, 107.4

Luminaire Efficacy Rating (LER): 121.69

Central Intensity: 345.4 cd

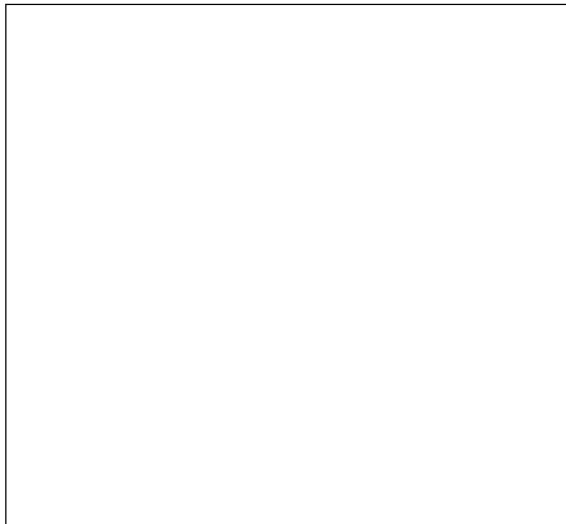
Max. Intensity: 345.4 cd

Pos of Max. Intensity: H0 V0

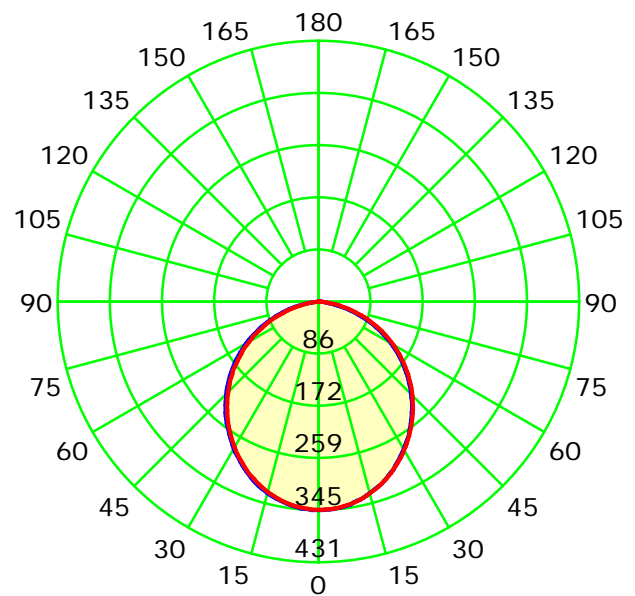
S/MH(C0/C180): 1.21

S/MH(C90/C270): 1.22

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Gamma Plane (°):0.0-90.0: 1.0

Test Lab:

Test Device: GPM-1600

Test Type: TYPE C

Distance: 8.350 m

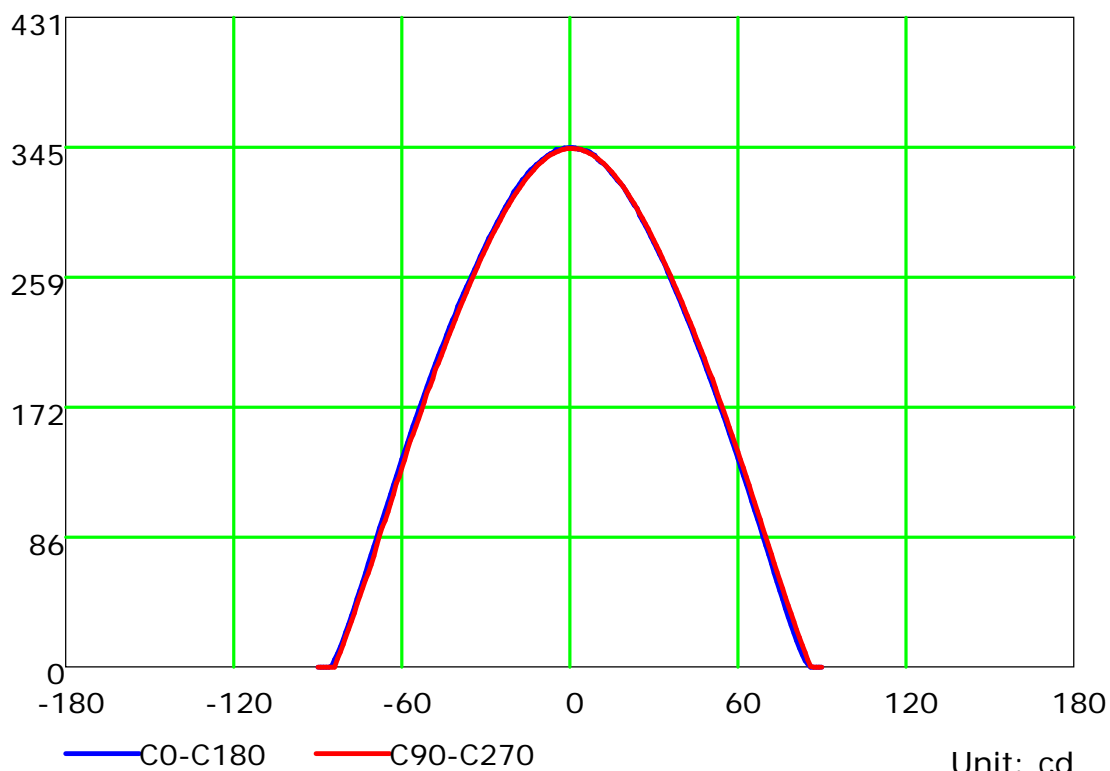
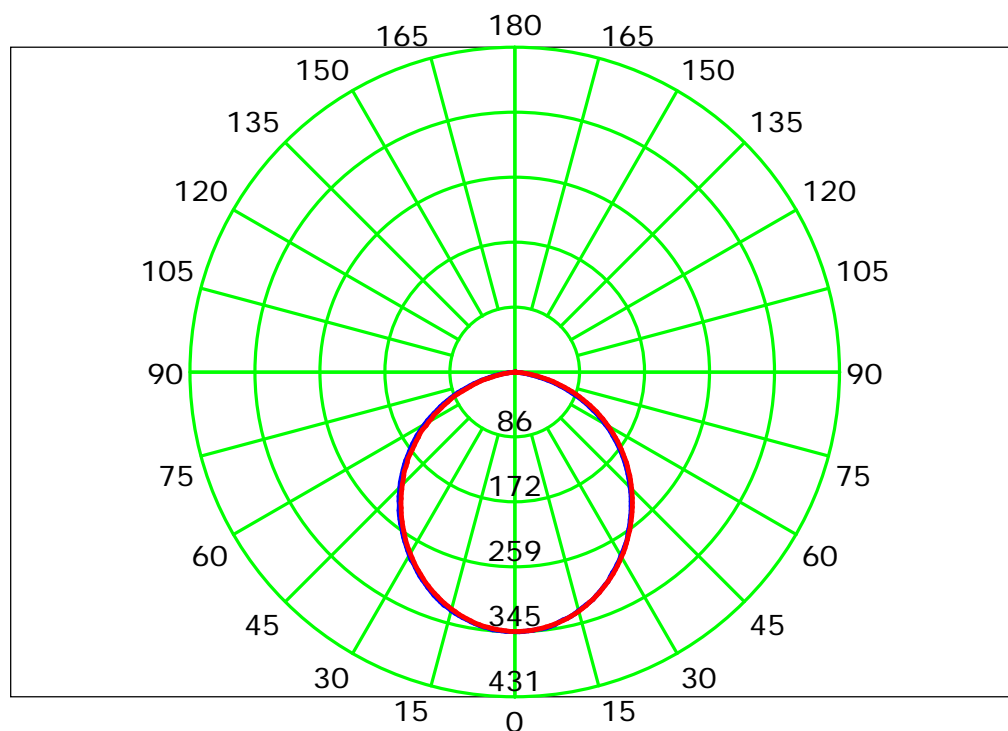
Temperature: 25°C

Humidity: 50%

Operator: XU

Inspector:

Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

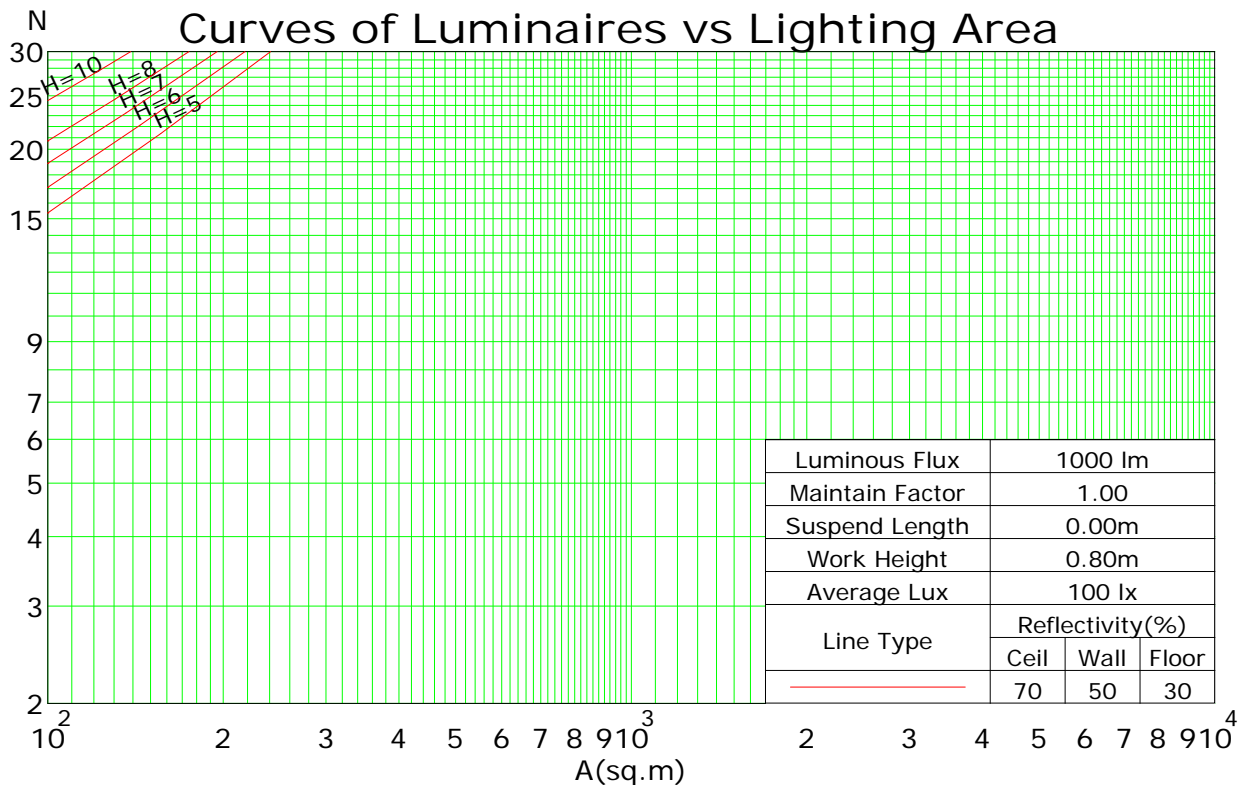
Coefficients Of Utilization - Zonal Cavity Method

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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	73	71
3	91	81	73	66	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52
5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.21

Spacing Criteria (90-270): 1.22

Spacing Criteria (Diagonal): 1.33



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: XU

Gamma Plane (°):0.0-90.0:1.0

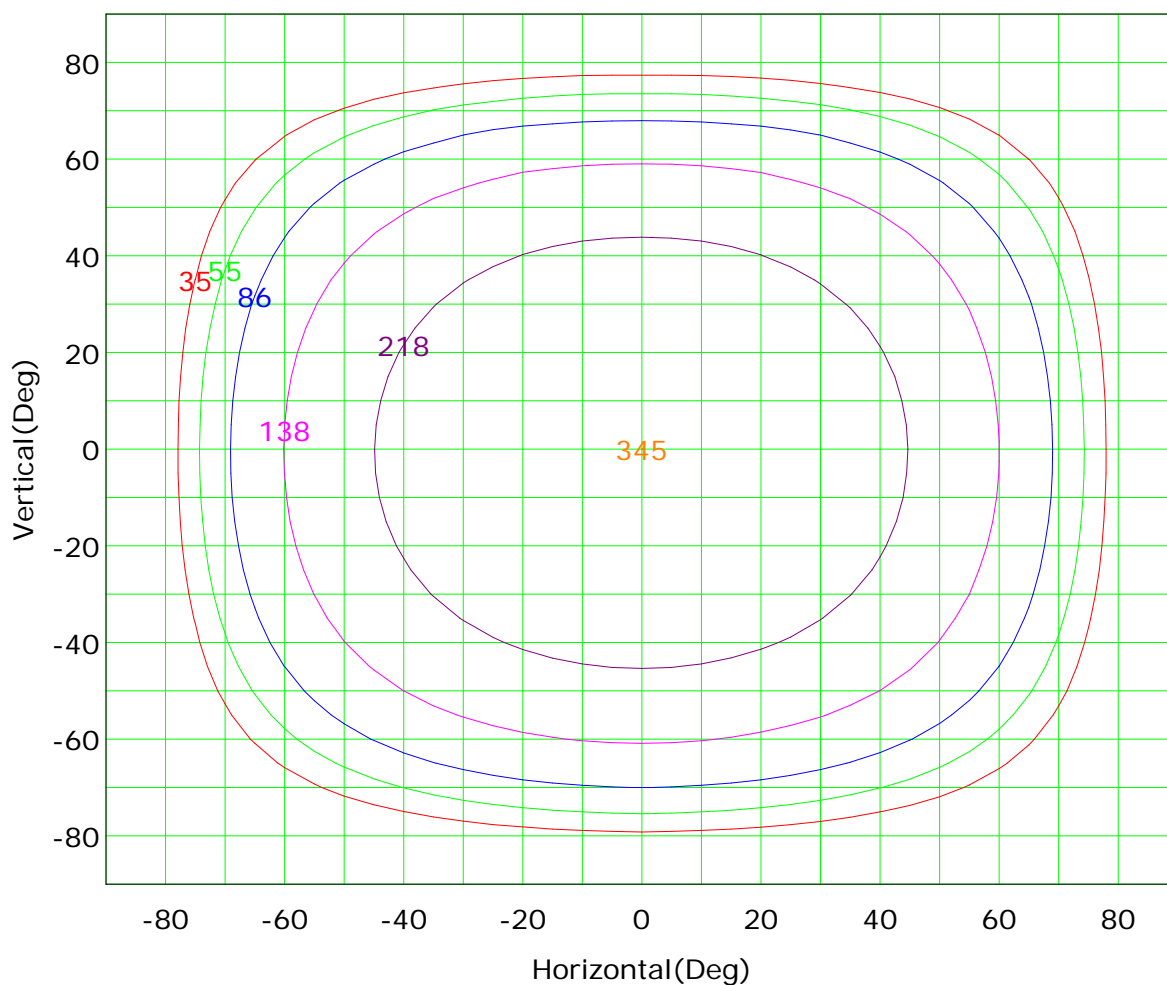
Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

Isocandela (rectangle)



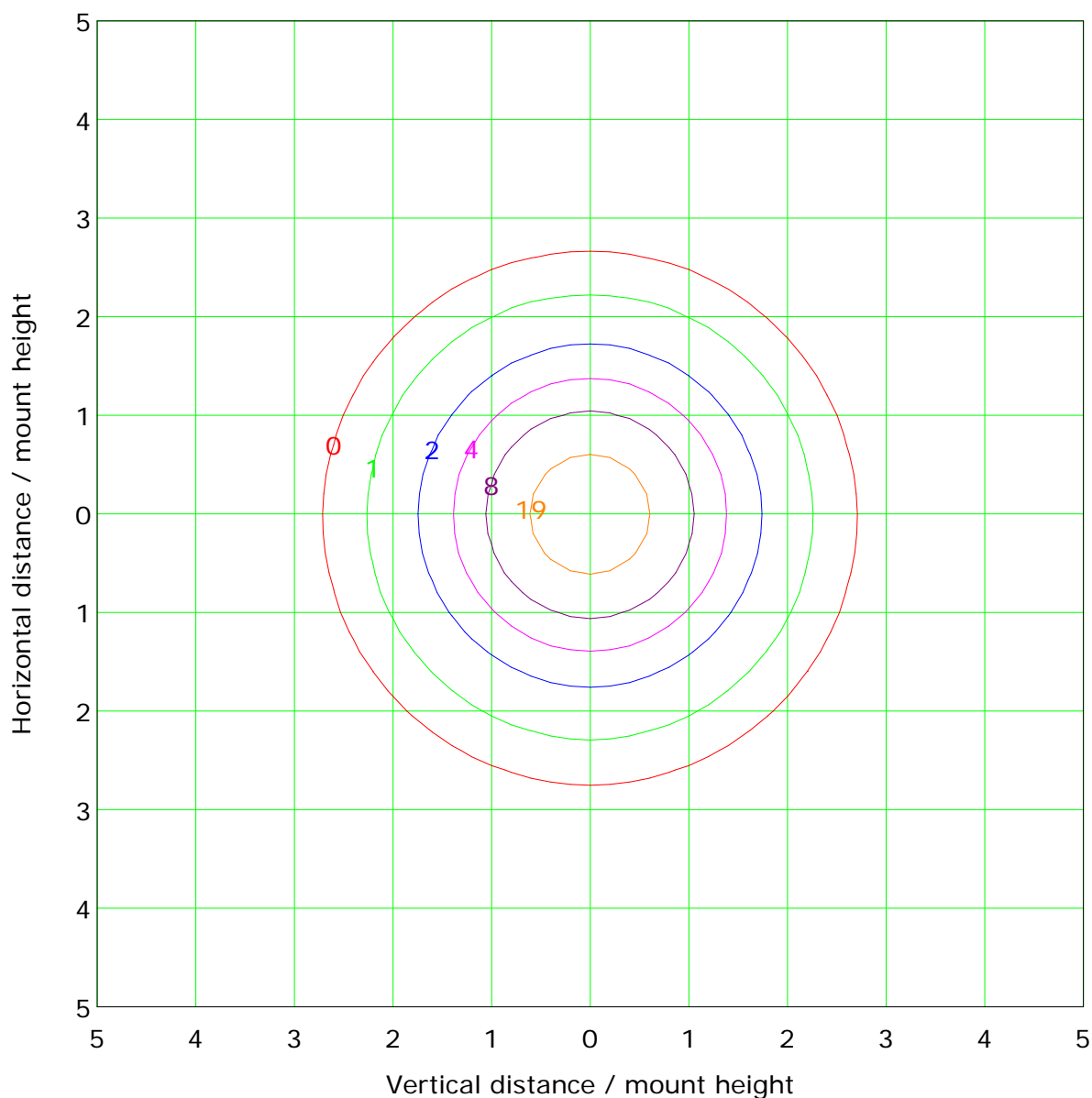
I_{max} (100%): 345 cd

(10%):	35 cd	(16%):	55 cd
(25%):	86 cd	(40%):	138 cd
(63%):	218 cd	(100%):	345 cd

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

IsoLux Plot



Mounting Height: 3.0m Max Lux(100%): 38.4 lx

(1%): 0.4 lx	(2%): 0.8 lx
(5%): 1.9 lx	(10%): 3.8 lx
(20%): 7.7 lx	(50%): 19.2 lx
(100%): 38.4 lx	

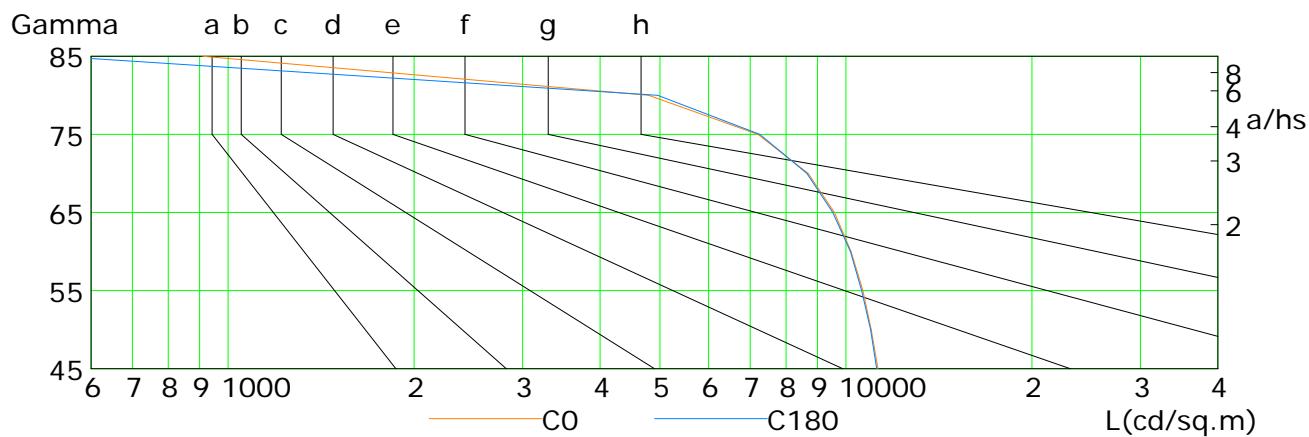
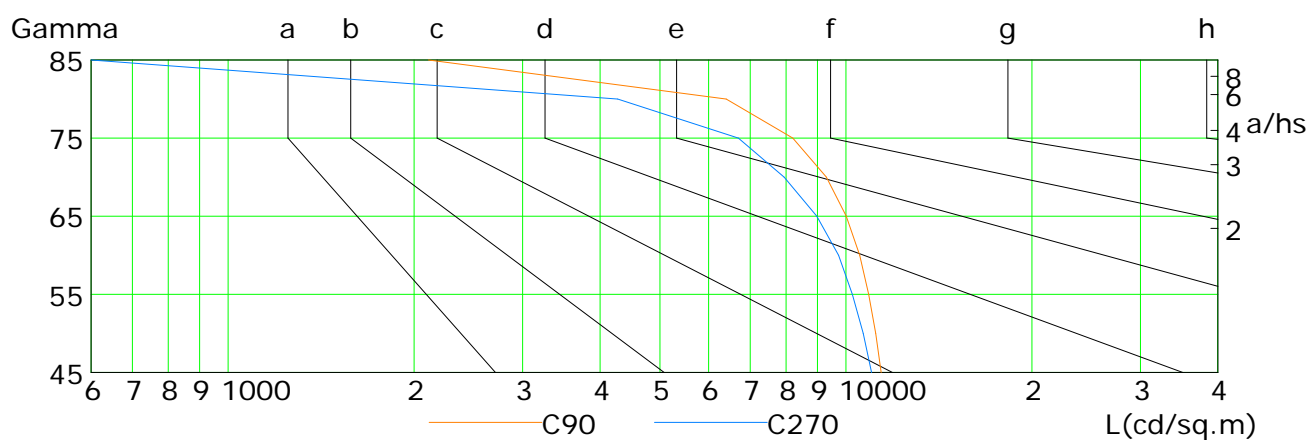
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
 Distance: 8.350 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

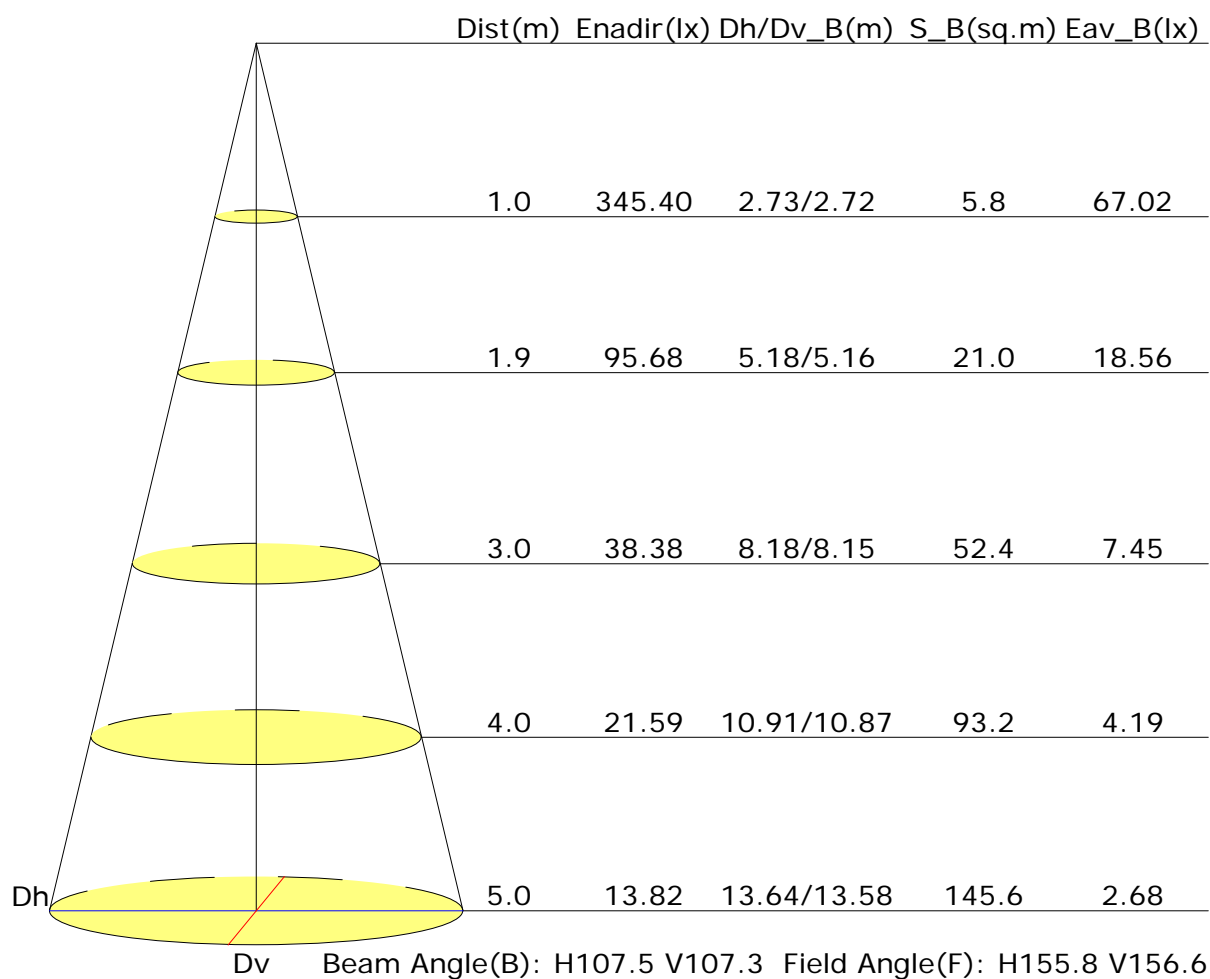


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11277	10992	10659	10201	9584	8694	7205	4797	910
C90	11410	11173	10890	10529	10021	9304	8203	6407	2111
C180	11223	10966	10610	10170	9529	8655	7260	4958	535
C270	11005	10667	10252	9729	8975	7944	6703	4275	0

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

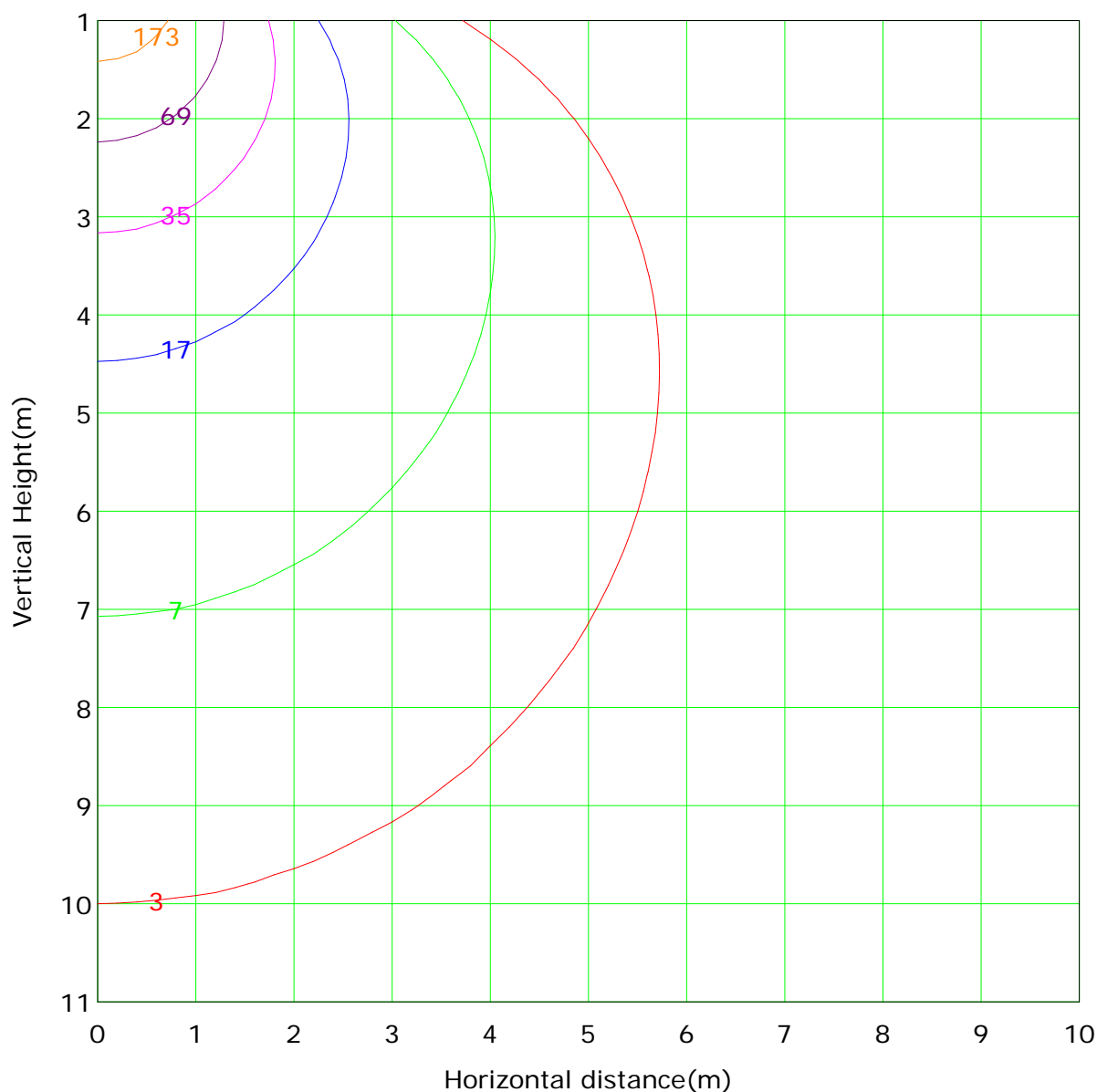
Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 345.4 lx
(1%): 3.5 lx	(2%): 6.9 lx	
(5%): 17.3 lx	(10%): 34.5 lx	
(20%): 69.1 lx	(50%): 172.7 lx	
(100%): 345.4 lx		

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

Area Flux Table

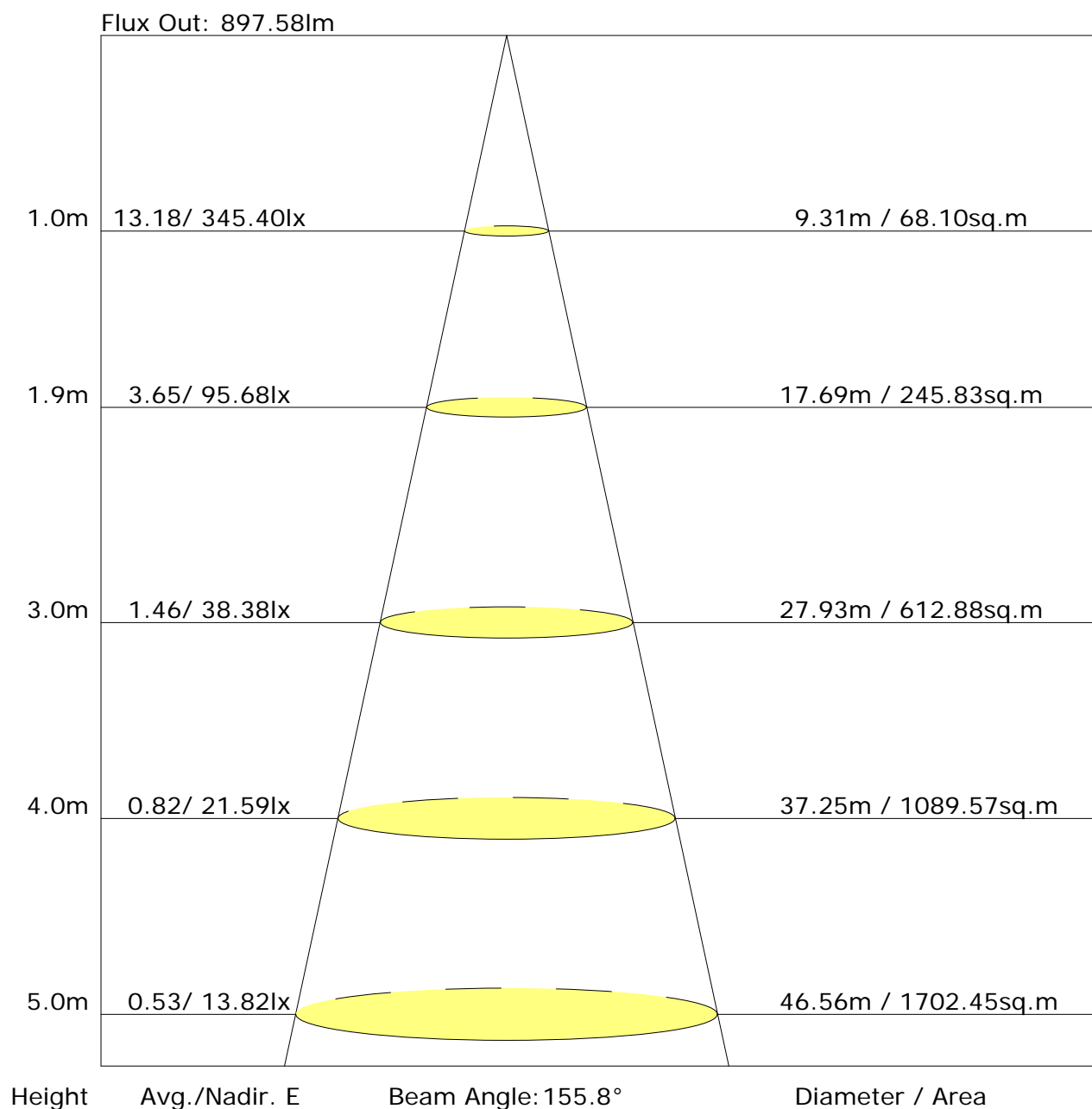
Unit: lm

Vertical plane	Horizontal plane																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.3	1.4	1.4	1.3	1.1	0.8	0.5	0.3	0.1	0.0	0.0	0.0
	0.0	0.1	0.3	0.8	1.4	2.0	2.5	2.9	3.1	3.1	2.9	2.5	2.0	1.4	0.8	0.3	0.1	0.0	0.0
	0.0	0.1	0.6	1.3	2.2	3.1	3.9	4.5	4.8	4.8	4.5	3.9	3.1	2.2	1.3	0.6	0.1	0.0	0.0
	0.0	0.2	0.8	1.8	2.9	4.1	5.2	6.0	6.4	6.4	6.0	5.2	4.1	2.9	1.8	0.8	0.3	0.1	0.0
	0.0	0.3	1.1	2.2	3.6	5.0	6.3	7.2	7.8	7.8	7.3	6.3	5.0	3.6	2.2	1.1	0.3	0.0	0.0
	0.0	0.4	1.2	2.5	4.1	5.7	7.2	8.3	8.9	8.9	8.3	7.2	5.7	4.1	2.5	1.2	0.4	0.0	0.0
	0.0	0.4	1.4	2.8	4.4	6.2	7.8	9.1	9.8	9.8	9.1	7.8	6.2	4.5	2.8	1.4	0.4	0.0	0.0
	0.0	0.4	1.4	2.9	4.6	6.5	8.2	9.5	10.3	10.3	9.6	8.2	6.5	4.6	2.9	1.4	0.4	0.0	0.0
	0.0	0.4	1.4	2.9	4.6	6.5	8.2	9.6	10.3	10.3	9.6	8.2	6.5	4.7	2.9	1.4	0.4	0.0	0.0
Flux(T)	0.0	0.4	1.4	2.8	4.5	6.2	7.9	9.2	9.9	9.9	9.2	7.9	6.3	4.5	2.8	1.4	0.4	0.0	0.0
	0.0	0.4	1.3	2.6	4.1	5.8	7.2	8.4	9.1	9.1	8.4	7.3	5.8	4.1	2.6	1.3	0.4	0.0	0.0
	0.0	0.3	1.1	2.2	3.6	5.1	6.4	7.4	7.9	7.9	7.4	6.4	5.1	3.7	2.3	1.1	0.3	0.0	0.0
	0.0	0.2	0.9	1.8	3.0	4.2	5.3	6.2	6.6	6.6	6.2	5.3	4.2	3.0	1.8	0.9	0.2	0.0	0.0
	0.0	0.1	0.6	1.4	2.3	3.2	4.1	4.7	5.1	5.1	4.8	4.1	3.2	2.3	1.4	0.6	0.1	0.0	0.0
	0.0	0.1	0.4	0.8	1.5	2.1	2.7	3.2	3.5	3.5	3.2	2.7	2.1	1.5	0.8	0.3	0.1	0.0	0.0
	0.0	0.0	0.1	0.3	0.6	1.0	1.3	1.6	1.7	1.7	1.6	1.3	1.0	0.6	0.3	0.1	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	0.2	3.9	14.0	29.4	48.1	67.6	85.6	99.5	107.0	107.1	99.6	85.8	67.8	48.2	29.5	14.0	3.8	0.2	911
	0.0	2.8	13.2	28.7	47.4	66.9	84.8	98.8	106.3	106.3	98.9	85.0	67.1	47.5	28.7	13.2	2.7	0.0	
Flux(E)																			

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 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	20.8	22.2	21.1	22.4	22.7	20.8	22.2	21.1	22.4	22.7
3H	22.3	23.5	22.6	23.8	24.0	22.2	23.5	22.6	23.7	24.0
4H	22.7	23.9	23.1	24.2	24.5	22.7	23.9	23.1	24.2	24.5
6H	23.0	24.0	23.3	24.3	24.7	23.0	24.1	23.4	24.4	24.7
8H	23.0	24.0	23.3	24.3	24.7	23.0	24.1	23.4	24.4	24.7
12H	22.9	23.9	23.3	24.3	24.6	23.0	24.0	23.4	24.4	24.7
X=4H Y=2H	21.5	22.6	21.8	22.9	23.2	21.5	22.6	21.8	22.9	23.2
3H	23.1	24.1	23.4	24.4	24.7	23.0	24.0	23.4	24.4	24.7
4H	23.6	24.5	24.0	24.9	25.3	23.7	24.5	24.1	24.9	25.3
6H	23.9	24.7	24.4	25.1	25.5	24.0	24.8	24.4	25.2	25.6
8H	24.0	24.7	24.4	25.1	25.5	24.1	24.8	24.5	25.2	25.6
12H	24.0	24.6	24.4	25.0	25.5	24.1	24.7	24.5	25.1	25.6
X=8H Y=4H	23.9	24.6	24.3	25.0	25.4	23.9	24.6	24.3	25.0	25.4
6H	24.2	24.8	24.7	25.3	25.7	24.3	24.9	24.8	25.3	25.8
8H	24.3	24.8	24.8	25.3	25.8	24.4	24.9	24.9	25.4	25.8
12H	24.3	24.7	24.8	25.2	25.7	24.4	24.8	24.9	25.3	25.8
X=12H Y=4H	23.9	24.5	24.3	24.9	25.4	23.9	24.5	24.3	24.9	25.4
6H	24.3	24.8	24.7	25.2	25.7	24.3	24.8	24.8	25.3	25.8
8H	24.3	24.8	24.8	25.2	25.7	24.4	24.9	24.9	25.3	25.8
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.3/-0.5					+0.4/-0.5				
S=2.0H	+0.6/-0.9					+0.6/-1.0				

Calculate in accordance with CIE Pub.117. The table is revised with 911lm ($8\log(F/F_0) = -0.3$).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: XU

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.350 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	0.62	0.70	0.78	0.83	0.90	0.94	0.98	1.02	1.05
	0.30		0.55	0.63	0.71	0.76	0.84	0.89	0.93	0.98	1.02
	0.20		0.49	0.58	0.65	0.71	0.79	0.85	0.89	0.95	0.99
0.50	0.50	0.20	0.60	0.68	0.75	0.80	0.87	0.91	0.94	0.98	1.01
	0.30		0.54	0.62	0.69	0.75	0.82	0.87	0.90	0.95	0.98
	0.20		0.49	0.57	0.65	0.70	0.78	0.83	0.87	0.92	0.96
0.30	0.50	0.20	0.59	0.66	0.73	0.78	0.84	0.88	0.91	0.94	0.97
	0.30		0.53	0.61	0.68	0.73	0.80	0.84	0.88	0.92	0.95
	0.20		0.49	0.56	0.64	0.69	0.76	0.81	0.85	0.90	0.93
0.00	0.00	0.00	0.47	0.54	0.61	0.66	0.73	0.78	0.81	0.85	0.88
Rating: 7W 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	0.91	0.77	0.65	0.56	0.44	0.37	0.31	0.24	0.19	
	0.30		0.76	0.66	0.56	0.50	0.40	0.34	0.29	0.22	0.18	
	0.20		0.65	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.17	
0.50	0.50	0.20	0.88	0.74	0.62	0.54	0.42	0.38	0.30	0.23	0.18	
	0.30		0.75	0.64	0.55	0.48	0.39	0.32	0.28	0.21	0.17	
	0.20		0.65	0.57	0.49	0.43	0.36	0.30	0.26	0.20	0.17	
0.30	0.50	0.20	0.85	0.71	0.60	0.51	0.40	0.33	0.28	0.21	0.17	
	0.30		0.73	0.63	0.53	0.46	0.37	0.31	0.26	0.21	0.17	
	0.20		0.64	0.56	0.48	0.43	0.35	0.29	0.25	0.20	0.16	
0.00	0.00	0.00	0.53	0.46	0.39	0.34	0.27	0.22	0.19	0.15	0.12	
<p>Rating: 7W 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 = 1.50								
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	0.17	0.18	0.19	0.20	0.20	0.21	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	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	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	0.13	0.14	0.15	0.17
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.19	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	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
<p>Rating: 7W 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>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	345.0	0.3	0.3	0.04	0.04
1.0-2.0	344.8	1.0	1.3	0.11	0.14
2.0-3.0	344.4	1.6	3.0	0.18	0.33
3.0-4.0	343.9	2.3	5.3	0.25	0.58
4.0-5.0	343.5	3.0	8.2	0.32	0.90
5.0-6.0	342.7	3.6	11.8	0.40	1.30
6.0-7.0	341.8	4.2	16.1	0.47	1.76
7.0-8.0	340.8	4.9	20.9	0.54	2.30
8.0-9.0	339.6	5.5	26.5	0.60	2.90
9.0-10.0	338.0	6.1	32.6	0.67	3.57
10.0-11.0	336.3	6.7	39.3	0.74	4.31
11.0-12.0	334.7	7.3	46.6	0.80	5.12
12.0-13.0	333.1	7.9	54.5	0.87	5.98
13.0-14.0	331.2	8.5	63.0	0.93	6.91
14.0-15.0	329.0	9.0	72.0	0.99	7.91
15.0-16.0	326.7	9.6	81.6	1.05	8.96
16.0-17.0	324.4	10.1	91.7	1.11	10.07
17.0-18.0	322.1	10.6	102.3	1.17	11.23
18.0-19.0	319.6	11.1	113.4	1.22	12.45
19.0-20.0	316.9	11.6	125.0	1.27	13.72
20.0-21.0	313.9	12.1	137.1	1.32	15.05
21.0-22.0	310.9	12.5	149.6	1.37	16.42
22.0-23.0	307.7	12.9	162.5	1.42	17.84
23.0-24.0	304.6	13.3	175.8	1.46	19.30
24.0-25.0	301.2	13.7	189.5	1.50	20.80
25.0-26.0	297.7	14.1	203.6	1.54	22.34
26.0-27.0	294.2	14.4	218.0	1.58	23.92
27.0-28.0	290.6	14.7	232.7	1.62	25.54
28.0-29.0	287.1	15.0	247.7	1.65	27.19
29.0-30.0	283.4	15.3	263.0	1.68	28.87
30.0-31.0	279.4	15.6	278.6	1.71	30.57
31.0-32.0	275.5	15.8	294.4	1.73	32.31
32.0-33.0	271.6	16.0	310.4	1.76	34.06
33.0-34.0	267.6	16.2	326.6	1.78	35.84
34.0-35.0	263.4	16.4	342.9	1.80	37.64
35.0-36.0	259.0	16.5	359.4	1.81	39.45

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 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	254.9	16.6	376.0	1.83	41.27
37.0-38.0	250.7	16.7	392.8	1.84	43.11
38.0-39.0	246.3	16.8	409.6	1.85	44.96
39.0-40.0	241.9	16.9	426.5	1.85	46.81
40.0-41.0	237.3	16.9	443.4	1.86	48.66
41.0-42.0	232.7	16.9	460.3	1.86	50.52
42.0-43.0	228.2	16.9	477.2	1.86	52.37
43.0-44.0	223.4	16.9	494.0	1.85	54.22
44.0-45.0	218.6	16.8	510.8	1.84	56.07
45.0-46.0	213.8	16.7	527.6	1.84	57.90
46.0-47.0	209.0	16.6	544.2	1.83	59.73
47.0-48.0	204.3	16.5	560.7	1.81	61.54
48.0-49.0	199.3	16.4	577.1	1.80	63.34
49.0-50.0	194.2	16.2	593.3	1.78	65.12
50.0-51.0	189.4	16.0	609.3	1.76	66.87
51.0-52.0	184.2	15.8	625.1	1.73	68.61
52.0-53.0	178.6	15.5	640.6	1.71	70.31
53.0-54.0	173.5	15.3	655.9	1.68	71.99
54.0-55.0	168.2	15.0	671.0	1.65	73.64
55.0-56.0	162.9	14.7	685.7	1.62	75.26
56.0-57.0	157.7	14.4	700.1	1.58	76.84
57.0-58.0	152.4	14.1	714.2	1.55	78.39
58.0-59.0	146.6	13.7	727.9	1.50	79.89
59.0-60.0	141.0	13.3	741.2	1.46	81.35
60.0-61.0	135.4	12.9	754.2	1.42	82.77
61.0-62.0	130.0	12.5	766.7	1.37	84.15
62.0-63.0	124.2	12.1	778.8	1.33	85.47
63.0-64.0	118.2	11.6	790.4	1.27	86.75
64.0-65.0	112.5	11.1	801.5	1.22	87.97
65.0-66.0	106.7	10.7	812.1	1.17	89.14
66.0-67.0	101.1	10.2	822.3	1.12	90.25
67.0-68.0	95.5	9.7	832.0	1.06	91.32
68.0-69.0	89.7	9.1	841.1	1.00	92.32
69.0-70.0	83.6	8.6	849.7	0.94	93.26
70.0-71.0	77.6	8.0	857.7	0.88	94.14
71.0-72.0	71.6	7.5	865.2	0.82	94.96

C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: GPM-1600
 Distance: 8.350 m
 Humidity: 50%
 Inspector:

Zonal Lumen (Continue 2)

[illegible]

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: XU

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.350 m
Humidity: 50%
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	345.4	344.6	345.4	344.6	345.4					
G1.0	345.3	344.7	345.0	344.6	345.3					
G2.0	345.0	344.5	345.1	344.1	345.0					
G3.0	344.3	344.4	344.2	343.7	344.3					
G4.0	344.2	343.9	343.8	343.0	344.2					
G5.0	343.3	343.2	344.0	342.4	343.3					
G6.0	343.2	342.6	342.0	341.3	343.2					
G7.0	342.5	341.5	341.2	340.3	342.5					
G8.0	341.1	340.6	340.0	339.1	341.1					
G9.0	340.2	339.3	338.5	337.7	340.2					
G10.0	337.3	338.0	337.3	336.0	337.3					
G11.0	335.7	336.4	335.4	334.4	335.7					
G12.0	334.7	334.9	334.0	332.5	334.7					
G13.0	332.9	333.1	332.2	330.5	332.9					
G14.0	330.6	331.1	330.5	328.3	330.6					
G15.0	328.1	329.0	328.4	326.1	328.1					
G16.0	325.9	326.7	325.6	323.8	325.9					
G17.0	323.6	324.5	324.0	321.2	323.6					
G18.0	321.7	322.0	321.1	318.5	321.7					
G19.0	319.6	319.6	318.4	315.8	319.6					
G20.0	316.4	316.7	315.8	312.9	316.4					
G21.0	313.5	314.1	312.2	310.1	313.5					
G22.0	310.2	310.9	309.0	306.9	310.2					
G23.0	307.1	308.1	305.9	303.7	307.1					
G24.0	304.8	304.7	302.4	300.3	304.8					
G25.0	300.2	301.5	299.0	296.9	300.2					
G26.0	296.7	298.3	295.7	293.3	296.7					
G27.0	293.4	294.7	291.7	289.8	293.4					
G28.0	289.8	291.3	288.0	286.2	289.8					
G29.0	286.1	287.8	285.3	282.5	286.1					
G30.0	282.3	283.9	280.9	278.5	282.3					
G31.0	278.5	280.1	276.8	274.5	278.5					
G32.0	274.5	276.3	272.9	270.5	274.5					
G33.0	271.1	272.3	268.8	266.4	271.1					
G34.0	267.4	268.2	264.7	262.1	267.4					
G35.0	262.3	264.0	260.4	257.9	262.3					
G36.0	258.0	260.0	256.1	253.5	258.0					

C Plane (°): 0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0
Test Device: GPM-1600
Distance: 8.350 m
Humidity: 50%
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	253.9	255.9	252.8	249.2	253.9					
G38.0	249.4	251.4	248.6	244.8	249.4					
G39.0	245.0	247.0	244.1	240.3	245.0					
G40.0	240.5	242.8	240.1	235.5	240.5					
G41.0	236.0	238.2	234.5	231.1	236.0					
G42.0	231.3	233.6	230.7	226.2	231.3					
G43.0	226.8	229.1	225.9	221.6	226.8					
G44.0	221.9	224.4	221.0	216.6	221.9					
G45.0	217.1	219.7	216.1	211.9	217.1					
G46.0	212.2	215.1	211.8	206.8	212.2					
G47.0	207.5	210.2	206.9	201.9	207.5					
G48.0	202.4	205.5	201.7	198.1	202.4					
G49.0	197.4	200.4	197.1	191.8	197.4					
G50.0	192.4	195.5	191.9	186.7	192.4					
G51.0	187.3	191.5	186.7	182.9	187.3					
G52.0	182.0	185.5	181.2	176.2	182.0					
G53.0	177.0	180.3	176.1	170.8	177.0					
G54.0	171.6	175.2	171.2	165.5	171.6					
G55.0	166.4	170.1	165.7	160.1	166.4					
G56.0	161.0	164.7	160.4	154.6	161.0					
G57.0	155.6	159.4	155.2	150.9	155.6					
G58.0	150.1	154.2	149.1	145.0	150.1					
G59.0	144.5	148.6	143.7	137.9	144.5					
G60.0	138.9	143.3	138.4	132.4	138.9					
G61.0	133.3	138.0	132.8	126.4	133.3					
G62.0	127.6	132.5	126.8	122.4	127.6					
G63.0	121.8	126.6	121.1	114.9	121.8					
G64.0	115.9	121.2	114.9	109.1	115.9					
G65.0	110.3	115.3	109.6	103.3	110.3					
G66.0	104.3	109.7	103.9	97.5	104.3					
G67.0	98.6	103.7	98.0	93.2	98.6					
G68.0	92.9	98.1	92.4	87.3	92.9					
G69.0	86.8	92.1	86.5	81.3	86.8					
G70.0	80.9	86.6	80.6	74.0	80.9					
G71.0	74.9	80.7	74.8	68.0	74.9					
G72.0	68.8	74.9	68.8	62.3	68.8					
G73.0	62.7	69.2	62.9	58.3	62.7					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: XU

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.350 m
Humidity: 50%
Inspector:

Unit: cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: XU

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.350 m
Humidity: 50%
Inspector: