

Report No.:

Test Time: 2022-02-24 08:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ADARC12WLRW-2T

Number of Lamps: 1

Luminous Length (mm): 100 mm

Luminous Height (mm): 0 mm

Current: 0.052 A

Power Factor: 0.984

Lamp Catalog: 4000K

Lumens per Lamp: 1063.6 lm

Luminous Width (mm): 100 mm

Voltage: 233.0 V

Power: 11.92 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1063.6 lm

Downward Ratio: 100.00%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 92.8, 92.8, 92.6, 93.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 62.6, 62.5, 62.6, 62.6

Luminaire Efficacy Rating (LER): 89.28

Max. Intensity: 1027.36 cd

S/MH(C0/C180): 0.99

Total Rated Lamp Lumens: 1063.6 lm

Efficiency: 100.00%

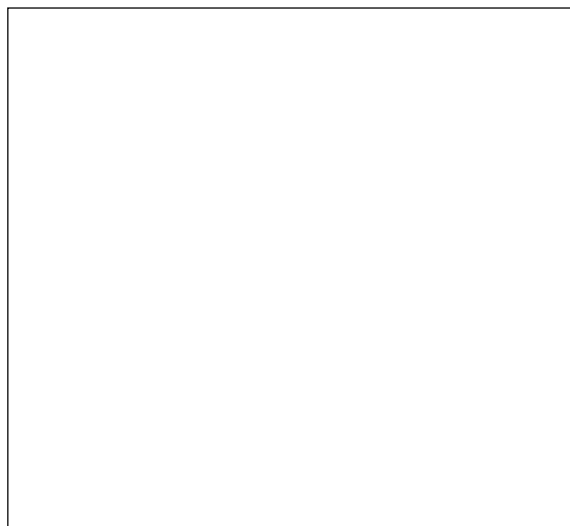
Upward Ratio: 0.00%

Central Intensity: 1026.96 cd

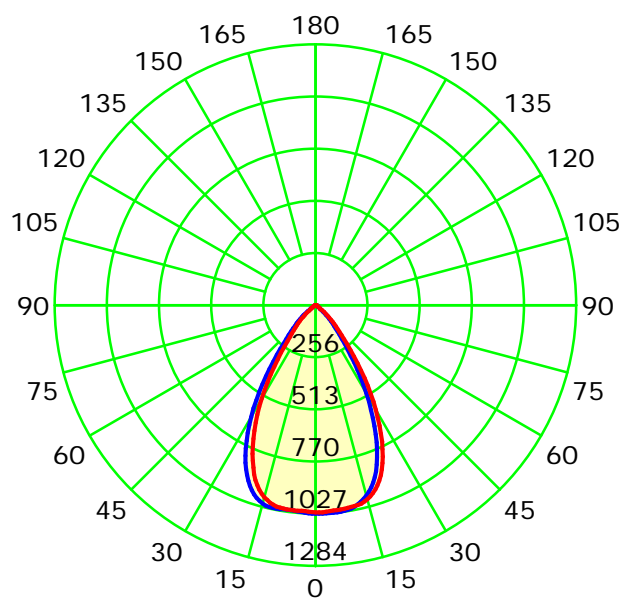
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 0.99

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— 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

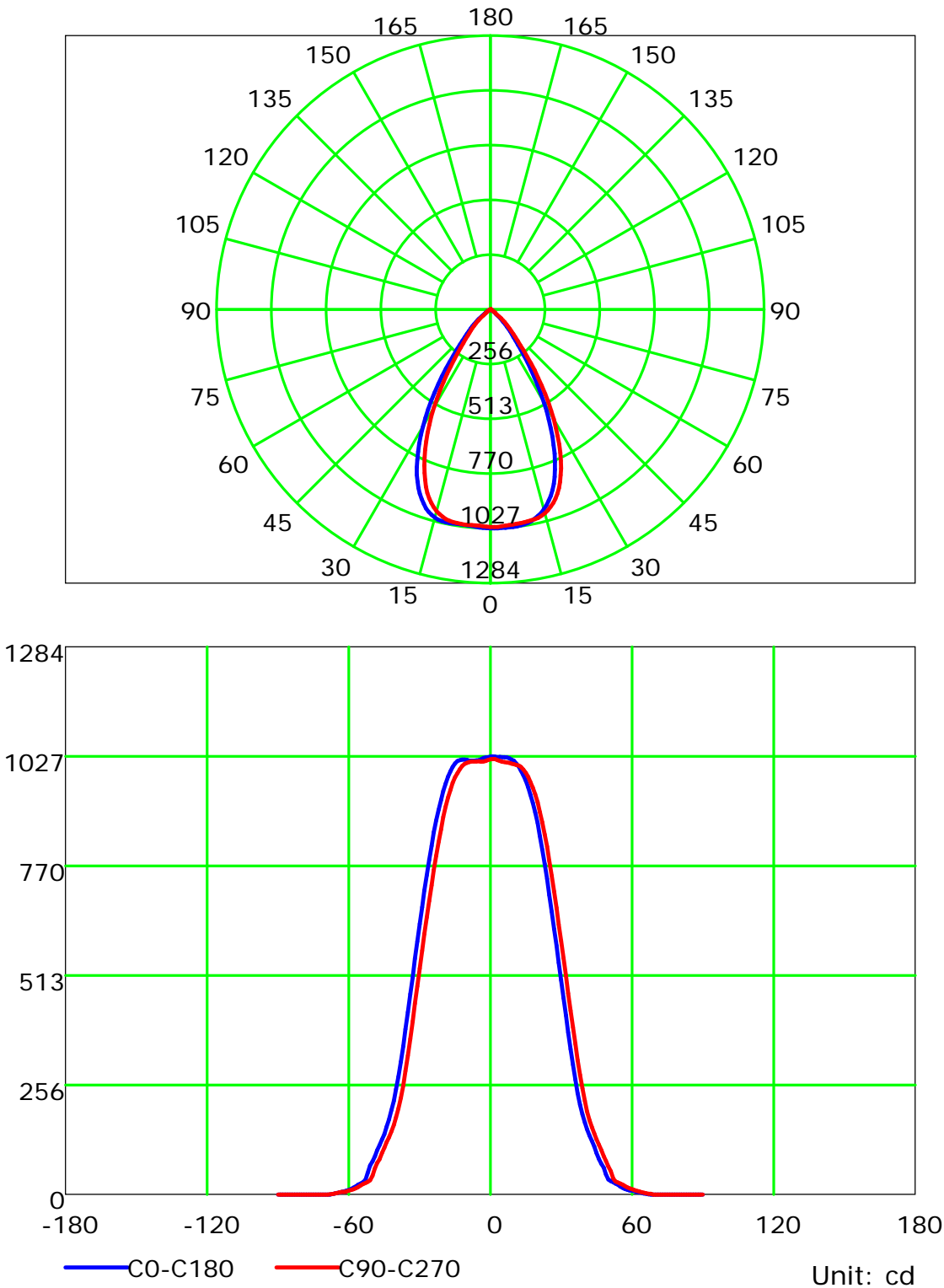
Test Device: GPM-1600

Distance: 8.450 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: 8.450 m
Humidity: 50%
Inspector:

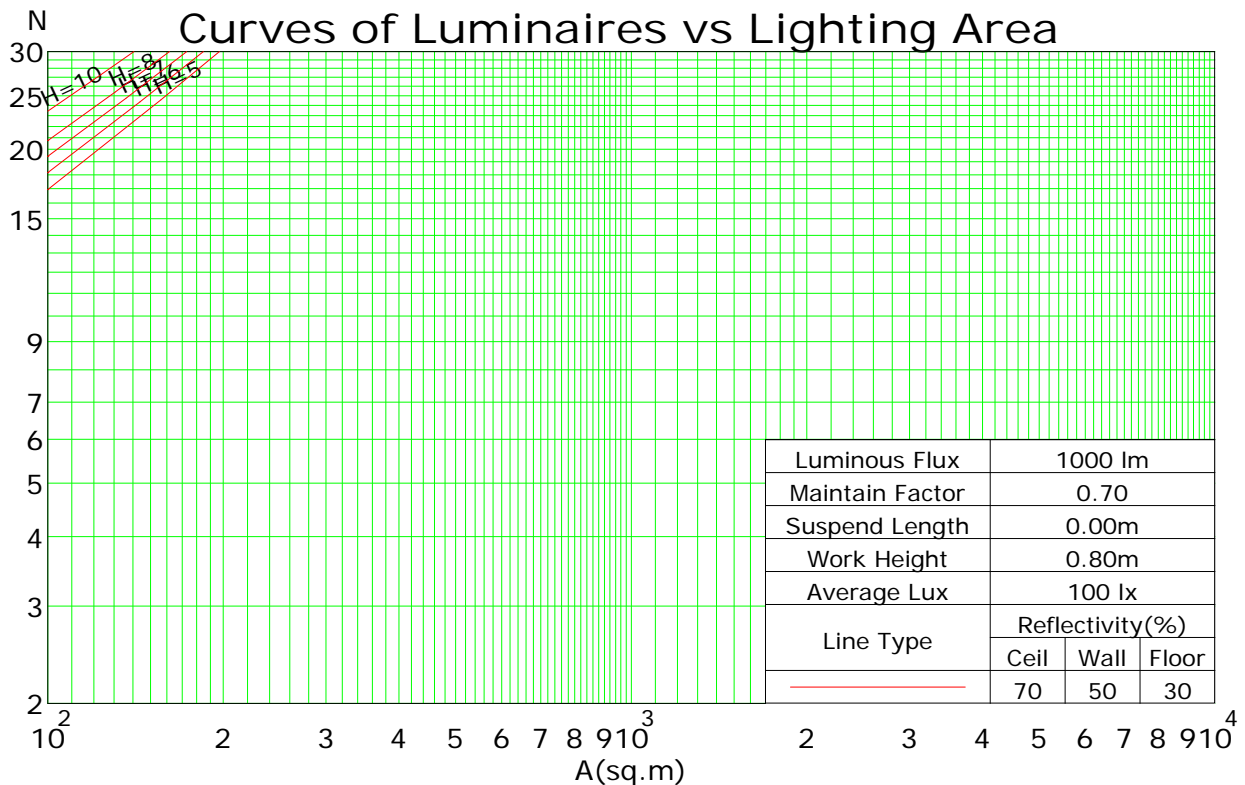
Coefficients Of Utilization - Zonal Cavity Method

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	113	110	108	106	111	108	106	104	104	102	101	101	99	98	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	76	73	70	68
6	86	77	71	66	85	76	70	66	75	70	66	73	69	65	72	68	65	63
7	82	72	66	62	80	72	66	61	70	65	61	69	64	61	68	64	60	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	63	57	53	62	57	53	61	57	53	61	56	53	51
10	70	60	54	50	69	60	54	50	59	54	50	58	53	50	57	53	50	48

Spacing Criteria (0-180): 0.99

Spacing Criteria (90-270): 0.99

Spacing Criteria (Diagonal): 0.92



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

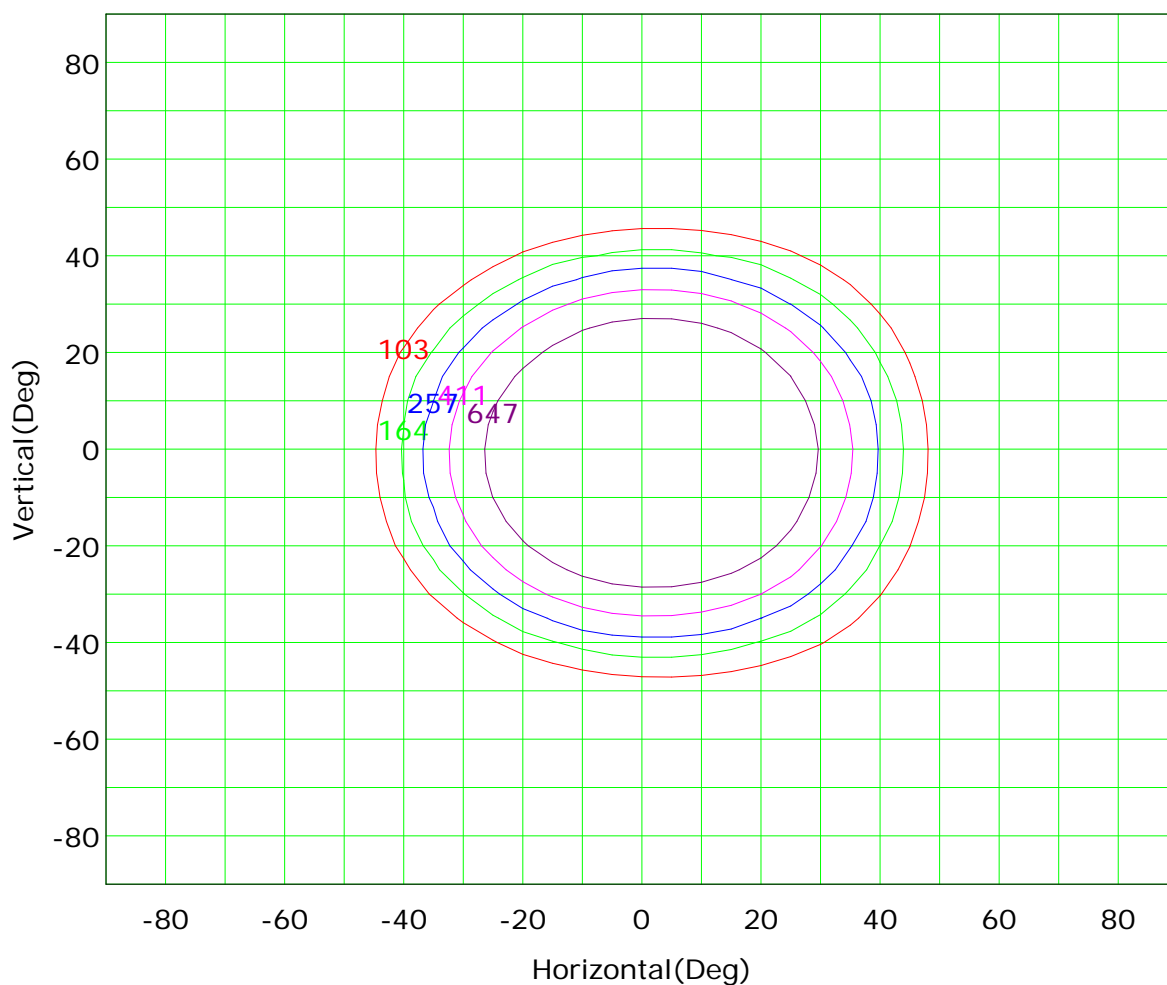
Test Device: GPM-1600

Distance: 8.450 m

Humidity: 50%

Inspector:

Isocandela (rectangle)



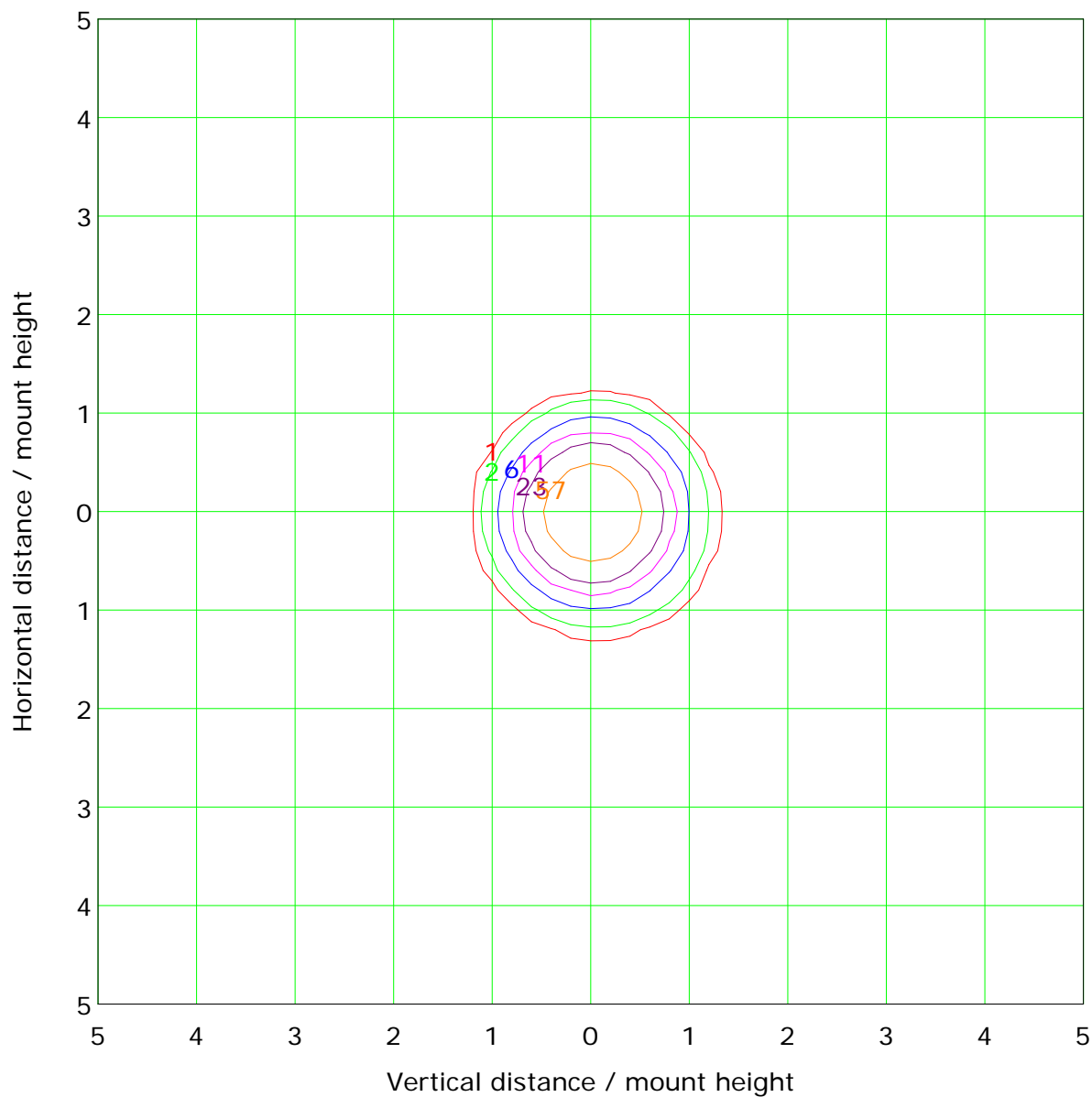
Imax (100%): 1027 cd

(10%): 103 cd	(16%): 164 cd
(25%): 257 cd	(40%): 411 cd
(63%): 647 cd	(100%): 1027 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: 8.450 m
Humidity: 50%
Inspector:

IsoLux Plot



Mounting Height: 3.0m		Max Lux(100%): 114.1 lx	
(1%):	1.1 lx	(2%):	2.3 lx
(5%):	5.7 lx	(10%):	11.4 lx
(20%):	22.8 lx	(50%):	57.1 lx
(100%):	114.1 lx		

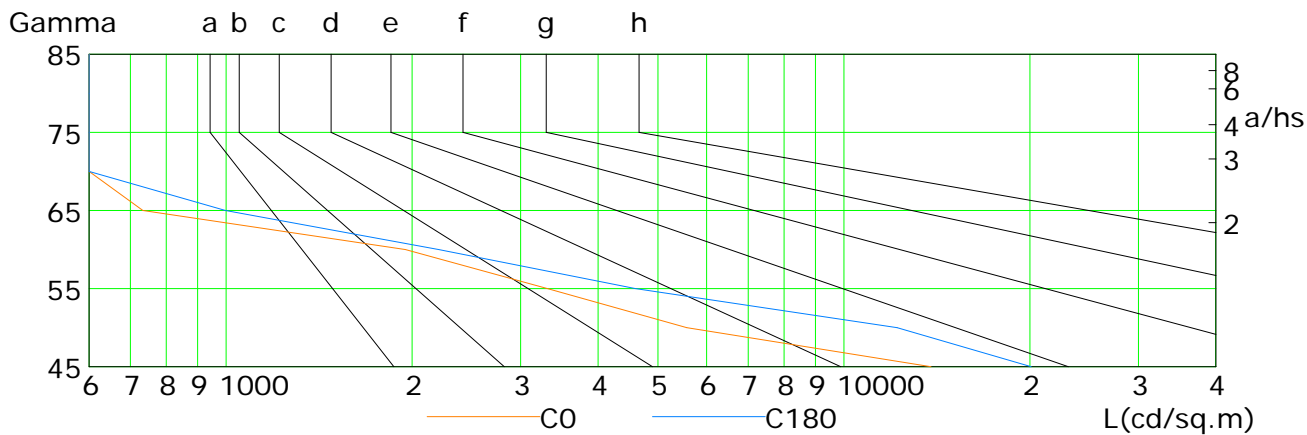
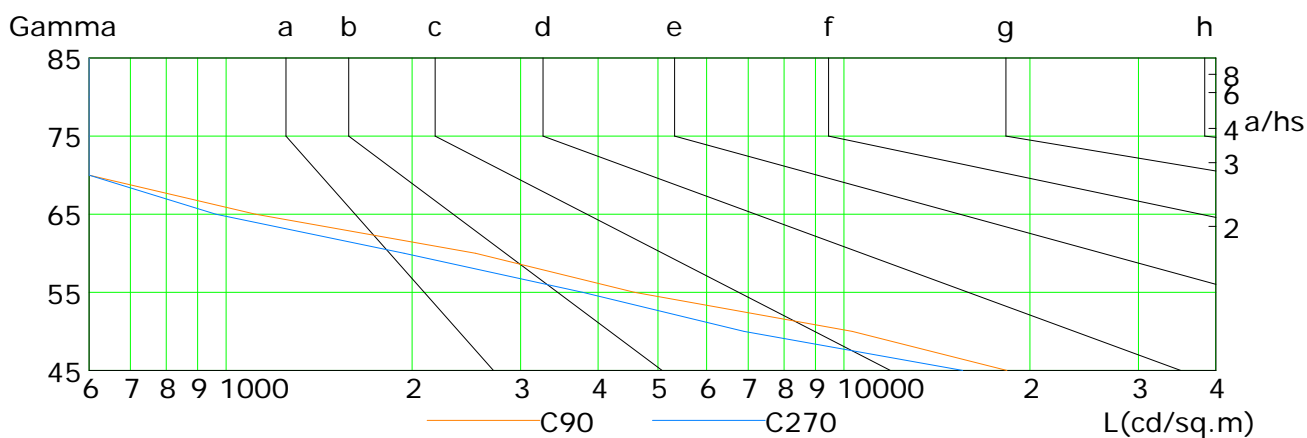
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature: 25°C
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.450 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

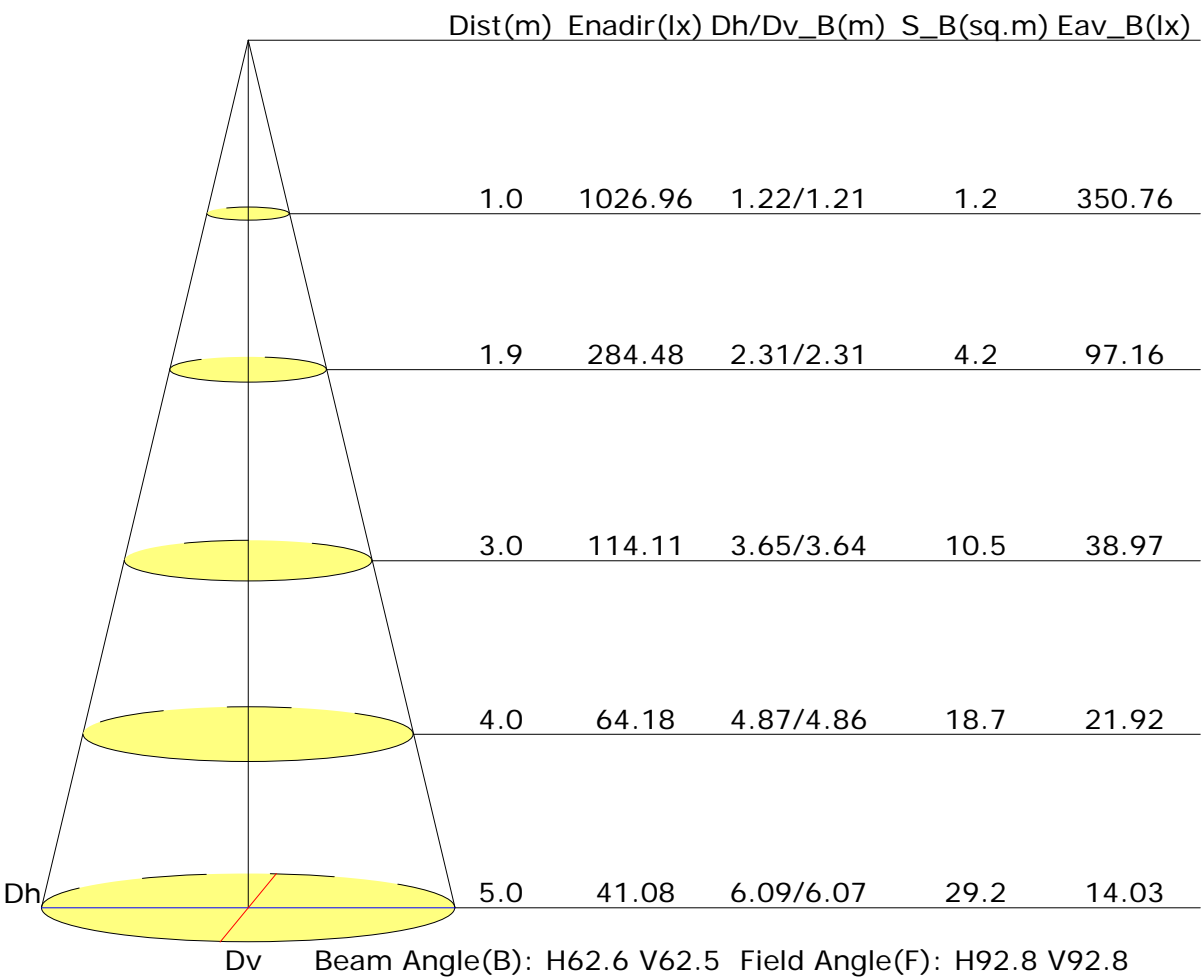


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13844	5566	3316	1952	734	0	0	0	0
C90	18359	10324	4587	2534	1117	0	0	0	0
C180	20106	12197	4601	2208	999	0	0	0	0
C270	15585	6892	3778	1942	963	0	0	0	0

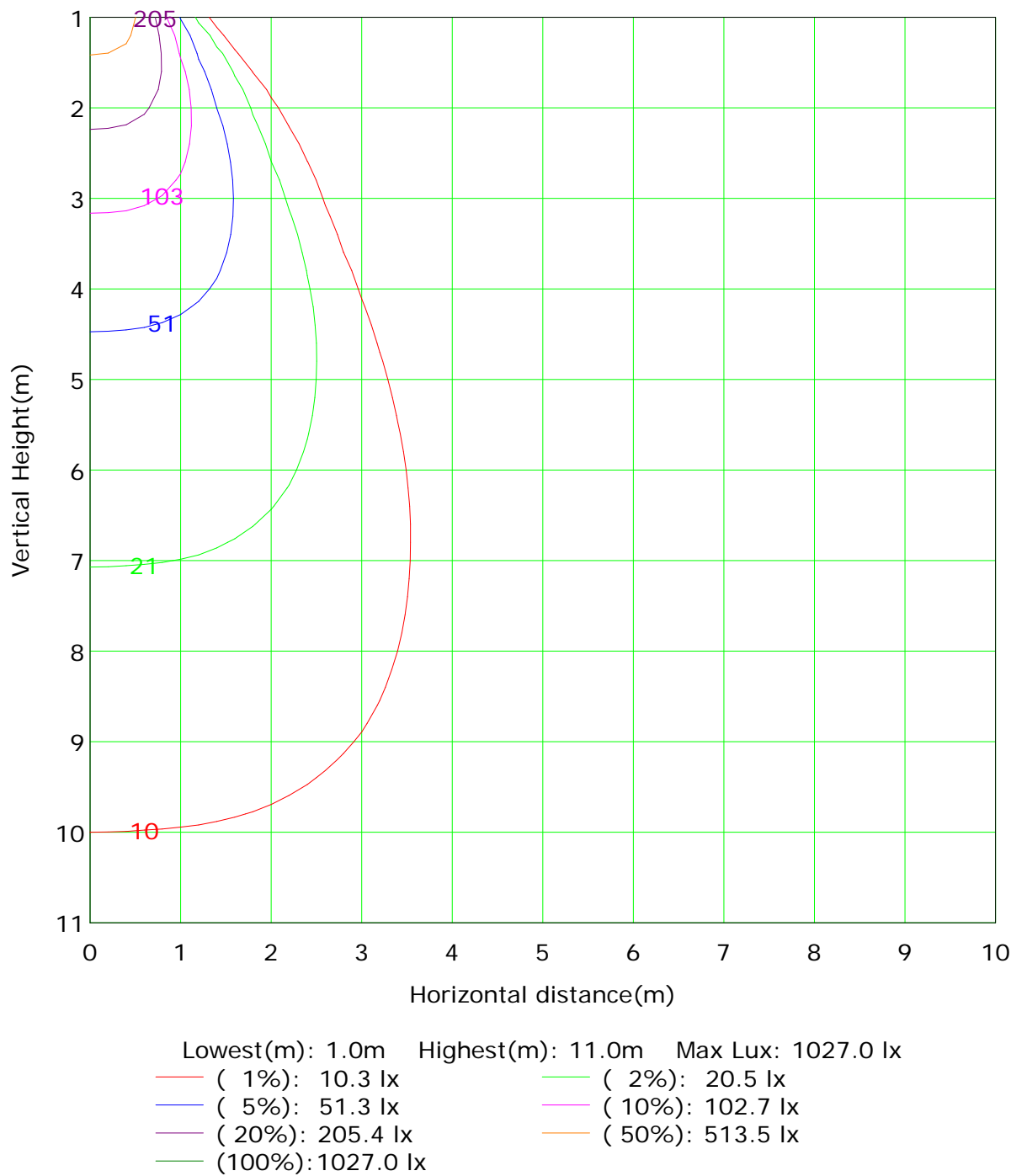
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: YAN

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600
 Distance: 8.450 m
 Humidity: 50%
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



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: 8.450 m
Humidity: 50%
Inspector:

Area Flux Table

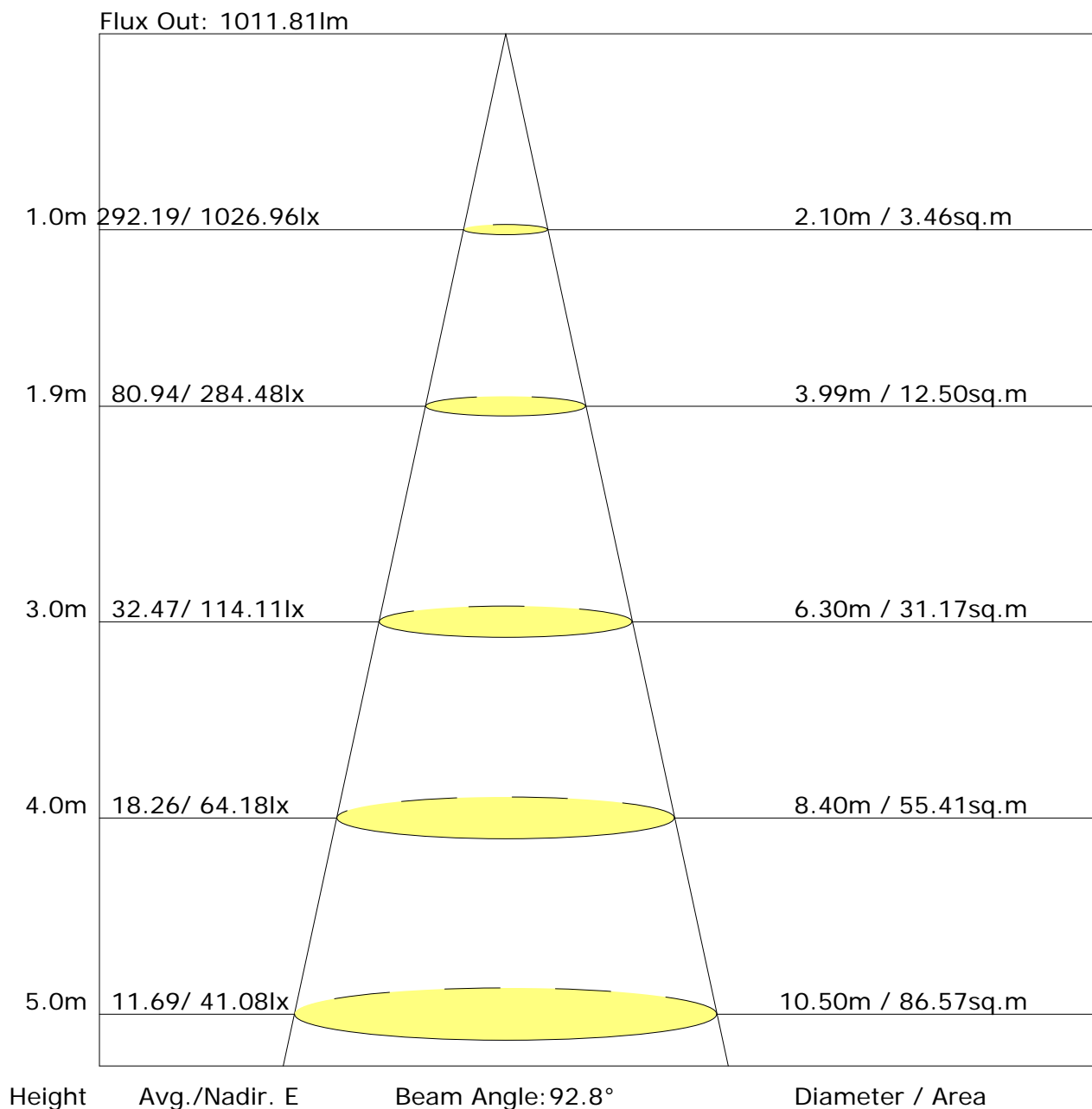
Unit: lm

Vertical plane	Horizontal plane																		Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Flux(T)	0.0	0.0	0.3	3.2	17.2	54.6	118.6	173.3	196.2	192.2	158.5	97.3	38.9	10.9	2.1	0.2	0.0	0.0	0.0	1063
Flux(E)	0.0	0.0	0.0	0.0	10.8	50.3	114.8	169.6	192.6	188.5	154.6	93.1	34.2	4.1	0.0	0.0	0.0	0.0	0.0	1013

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: 8.450 m
 Humidity: 50%
 Inspector:

The Average Illuminance Effective Figure



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: 8.450 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	16.5	17.4	16.7	17.6	17.8	17.2	18.1	17.4	18.3	18.5
3H	16.3	17.1	16.6	17.4	17.6	17.0	17.9	17.3	18.1	18.3
4H	16.2	17.0	16.6	17.3	17.5	17.0	17.7	17.3	18.0	18.3
6H	16.2	16.9	16.5	17.2	17.5	16.9	17.6	17.2	17.9	18.2
8H	16.1	16.8	16.5	17.1	17.4	16.9	17.5	17.2	17.8	18.1
12H	16.1	16.7	16.5	17.1	17.4	16.8	17.5	17.2	17.8	18.1
X=4H Y=2H	16.3	17.0	16.6	17.3	17.6	17.0	17.7	17.3	18.0	18.3
3H	16.1	16.8	16.5	17.1	17.4	16.8	17.5	17.2	17.8	18.1
4H	16.0	16.6	16.4	17.0	17.3	16.8	17.3	17.1	17.7	18.0
6H	16.0	16.5	16.4	16.8	17.2	16.7	17.2	17.1	17.5	17.9
8H	15.9	16.4	16.3	16.8	17.2	16.6	17.1	17.1	17.5	17.9
12H	15.9	16.3	16.3	16.7	17.1	16.6	17.0	17.0	17.4	17.8
X=8H Y=4H	15.9	16.4	16.3	16.8	17.2	16.6	17.1	17.1	17.5	17.9
6H	15.8	16.2	16.3	16.6	17.1	16.5	16.9	17.0	17.3	17.8
8H	15.8	16.1	16.3	16.6	17.0	16.5	16.8	17.0	17.3	17.8
12H	15.8	16.0	16.2	16.5	17.0	16.5	16.7	17.0	17.2	17.7
X=12H Y=4H	15.9	16.3	16.3	16.7	17.1	16.6	17.0	17.0	17.4	17.8
6H	15.8	16.1	16.3	16.6	17.0	16.5	16.8	17.0	17.3	17.8
8H	15.8	16.0	16.2	16.5	17.0	16.5	16.7	17.0	17.2	17.7
Variations with the observer position at spacings:										
S=1.0H	+4.0/-8.5					+4.0/-7.9				
S=1.5H	+6.6/-14.2					+6.8/-13.4				
S=2.0H	+8.5/-42.1					+8.8/-30.7				

Calculate in accordance with CIE Pub.117. The table is revised with 1064Im ($8\log(F/F_0) = 0.2$).

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: 8.450 m
Humidity: 50%
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00								
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	0.85	0.92	0.96	0.99	1.03	1.06	1.07	1.10	1.11
	0.30		0.80	0.87	0.92	0.95	1.00	1.03	1.05	1.07	1.09
	0.20		0.77	0.84	0.89	0.92	0.97	1.00	1.02	1.06	1.08
0.50	0.50	0.20	0.84	0.90	0.94	0.97	1.00	1.02	1.04	1.06	1.07
	0.30		0.79	0.86	0.91	0.93	0.98	1.00	1.02	1.04	1.06
	0.20		0.76	0.83	0.88	0.91	0.95	0.98	1.00	1.03	1.04
0.30	0.50	0.20	0.82	0.88	0.92	0.94	0.98	0.99	1.01	1.02	1.03
	0.30		0.79	0.85	0.89	0.92	0.95	0.98	0.99	1.01	1.02
	0.20		0.76	0.83	0.87	0.90	0.93	0.96	0.98	1.00	1.01
0.00	0.00	0.00	0.74	0.81	0.85	0.87	0.90	0.92	0.94	0.95	0.97
<p>Rating: 12W 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(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00								
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	0.46	0.39	0.33	0.26	0.21	0.18	0.14	0.11
	0.30		0.49	0.40	0.34	0.29	0.24	0.20	0.17	0.13	0.11
	0.20		0.42	0.35	0.30	0.26	0.21	0.18	0.16	0.12	0.10
0.50	0.50	0.20	0.56	0.44	0.36	0.31	0.24	0.24	0.17	0.13	0.10
	0.30		0.47	0.38	0.32	0.28	0.22	0.18	0.16	0.12	0.10
	0.20		0.41	0.33	0.29	0.25	0.20	0.17	0.15	0.12	0.10
0.30	0.50	0.20	0.53	0.41	0.34	0.29	0.22	0.18	0.15	0.12	0.09
	0.30		0.45	0.36	0.30	0.26	0.21	0.17	0.14	0.11	0.09
	0.20		0.40	0.32	0.28	0.24	0.19	0.16	0.14	0.11	0.09
0.00	0.00	0.00	0.26	0.20	0.16	0.14	0.10	0.08	0.07	0.05	0.04
<p>Rating: 12W 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 = 1.00								
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	0.13	0.14	0.16	0.16	0.18	0.19	0.19	0.20	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.19
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.50	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20
	0.30		0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19
	0.30		0.08	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.17
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rating: 12W 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	1022.2	1.0	1.0	0.09	0.09
1.0-2.0	1021.7	2.9	3.9	0.28	0.37
2.0-3.0	1020.6	4.9	8.8	0.46	0.83
3.0-4.0	1019.5	6.8	15.6	0.64	1.47
4.0-5.0	1018.5	8.8	24.4	0.82	2.29
5.0-6.0	1017.6	10.7	35.1	1.01	3.30
6.0-7.0	1017.1	12.6	47.7	1.19	4.49
7.0-8.0	1016.5	14.6	62.3	1.37	5.85
8.0-9.0	1015.6	16.5	78.7	1.55	7.40
9.0-10.0	1014.4	18.4	97.1	1.73	9.13
10.0-11.0	1012.6	20.2	117.3	1.90	11.03
11.0-12.0	1009.6	22.1	139.4	2.08	13.10
12.0-13.0	1005.2	23.9	163.2	2.24	15.35
13.0-14.0	998.8	25.6	188.8	2.40	17.75
14.0-15.0	990.5	27.2	216.0	2.56	20.31
15.0-16.0	980.1	28.7	244.7	2.70	23.01
16.0-17.0	967.4	30.1	274.9	2.83	25.84
17.0-18.0	952.5	31.4	306.3	2.95	28.80
18.0-19.0	935.1	32.5	338.8	3.06	31.85
19.0-20.0	914.7	33.5	372.3	3.15	35.00
20.0-21.0	891.1	34.2	406.5	3.22	38.22
21.0-22.0	864.9	34.8	441.3	3.27	41.49
22.0-23.0	836.6	35.1	476.4	3.30	44.79
23.0-24.0	806.0	35.2	511.6	3.31	48.10
24.0-25.0	773.0	35.2	546.8	3.30	51.41
25.0-26.0	737.9	34.8	581.6	3.28	54.68
26.0-27.0	701.3	34.3	615.9	3.23	57.91
27.0-28.0	663.4	33.6	649.5	3.16	61.07
28.0-29.0	624.5	32.7	682.2	3.07	64.14
29.0-30.0	585.0	31.6	713.8	2.97	67.11
30.0-31.0	544.7	30.3	744.1	2.85	69.96
31.0-32.0	503.7	28.9	773.0	2.71	72.67
32.0-33.0	462.6	27.3	800.2	2.56	75.24
33.0-34.0	422.0	25.5	825.8	2.40	77.64
34.0-35.0	382.2	23.7	849.5	2.23	79.87
35.0-36.0	343.7	21.9	871.4	2.06	81.93

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: 8.450 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	306.8	20.0	891.4	1.88	83.81
37.0-38.0	272.9	18.2	909.6	1.71	85.52
38.0-39.0	242.7	16.6	926.2	1.56	87.08
39.0-40.0	216.2	15.1	941.3	1.42	88.50
40.0-41.0	193.2	13.8	955.0	1.29	89.79
41.0-42.0	173.7	12.6	967.6	1.19	90.98
42.0-43.0	157.0	11.6	979.3	1.09	92.07
43.0-44.0	141.7	10.7	990.0	1.01	93.08
44.0-45.0	127.1	9.8	999.7	0.92	94.00
45.0-46.0	113.2	8.9	1008.6	0.83	94.83
46.0-47.0	100.4	8.0	1016.6	0.75	95.58
47.0-48.0	88.4	7.1	1023.7	0.67	96.25
48.0-49.0	76.2	6.3	1030.0	0.59	96.84
49.0-50.0	63.9	5.3	1035.3	0.50	97.34
50.0-51.0	52.5	4.4	1039.8	0.42	97.76
51.0-52.0	42.8	3.7	1043.4	0.35	98.10
52.0-53.0	34.8	3.0	1046.5	0.29	98.39
53.0-54.0	29.1	2.6	1049.0	0.24	98.63
54.0-55.0	25.5	2.3	1051.3	0.21	98.84
55.0-56.0	22.3	2.0	1053.3	0.19	99.03
56.0-57.0	19.3	1.8	1055.1	0.17	99.20
57.0-58.0	16.5	1.5	1056.6	0.14	99.34
58.0-59.0	14.1	1.3	1057.9	0.12	99.47
59.0-60.0	12.2	1.2	1059.1	0.11	99.58
60.0-61.0	10.5	1.0	1060.1	0.09	99.67
61.0-62.0	8.8	0.9	1060.9	0.08	99.75
62.0-63.0	7.3	0.7	1061.7	0.07	99.82
63.0-64.0	6.0	0.6	1062.3	0.06	99.87
64.0-65.0	4.8	0.5	1062.7	0.04	99.92
65.0-66.0	3.7	0.4	1063.1	0.03	99.95
66.0-67.0	2.4	0.2	1063.3	0.02	99.98
67.0-68.0	1.4	0.1	1063.5	0.01	99.99
68.0-69.0	0.7	0.1	1063.6	0.01	100.00
69.0-70.0	0.3	0.0	1063.6	0.00	100.00
70.0-71.0	0.2	0.0	1063.6	0.00	100.00
71.0-72.0	0.1	0.0	1063.6	0.00	100.00

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: 8.450 m
 Humidity: 50%
 Inspector:

Zonal Lumen (Continue 2)

[illegible]

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600
Distance: 8.450 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	1027.0	1023.5	1020.7	1018.5	1027.0	1023.5	1020.7	1018.5	1027.0	
G1.0	1027.4	1024.3	1021.1	1018.7	1026.1	1021.5	1019.2	1017.7	1027.4	
G2.0	1027.3	1023.7	1021.1	1017.7	1025.2	1021.2	1017.2	1017.6	1027.3	
G3.0	1025.9	1022.1	1018.6	1016.9	1023.8	1018.9	1015.8	1017.3	1025.9	
G4.0	1026.5	1021.9	1016.9	1015.7	1021.0	1017.8	1015.2	1018.0	1026.5	
G5.0	1025.7	1020.8	1015.1	1012.9	1018.8	1017.7	1016.0	1016.8	1025.7	
G6.0	1025.9	1019.7	1014.6	1011.5	1018.0	1016.4	1015.7	1016.7	1025.9	
G7.0	1025.0	1019.8	1013.2	1011.0	1017.5	1017.0	1016.0	1015.5	1025.0	
G8.0	1023.0	1019.4	1012.5	1010.1	1017.5	1018.2	1015.7	1013.0	1023.0	
G9.0	1020.3	1017.5	1010.8	1009.3	1017.8	1018.8	1014.4	1010.8	1020.3	
G10.0	1017.3	1014.9	1009.5	1010.8	1019.4	1019.4	1012.7	1006.1	1017.3	
G11.0	1010.9	1012.6	1007.7	1010.9	1019.8	1019.3	1010.1	1000.3	1010.9	
G12.0	1003.6	1008.3	1006.1	1009.9	1020.1	1017.0	1005.1	992.6	1003.6	
G13.0	994.3	1001.6	1002.8	1008.7	1019.0	1012.8	998.1	982.8	994.3	
G14.0	983.4	990.5	996.7	1006.4	1016.8	1007.7	988.7	970.3	983.4	
G15.0	970.5	980.3	989.3	1001.7	1011.0	1000.2	978.8	956.3	970.5	
G16.0	955.0	966.9	979.3	995.2	1002.7	989.3	965.6	939.6	955.0	
G17.0	938.0	951.1	967.4	986.3	993.0	978.2	949.3	920.8	938.0	
G18.0	919.1	933.4	954.2	975.5	980.5	962.8	931.7	899.0	919.1	
G19.0	896.3	914.4	938.6	962.6	963.7	944.8	910.2	875.1	896.3	
G20.0	871.1	891.2	919.9	945.0	946.3	923.7	885.6	846.5	871.1	
G21.0	841.2	865.3	897.4	926.0	925.5	900.1	856.3	817.3	841.2	
G22.0	809.7	837.4	873.2	903.6	902.3	873.1	827.1	783.4	809.7	
G23.0	776.1	806.9	845.0	880.1	877.5	845.0	794.9	749.9	776.1	
G24.0	740.5	773.7	816.3	851.5	849.7	812.7	761.5	714.0	740.5	
G25.0	702.8	739.0	782.9	822.4	817.5	780.6	725.4	676.9	702.8	
G26.0	664.0	701.6	748.3	790.4	784.8	743.1	688.5	638.6	664.0	
G27.0	623.1	663.5	710.9	758.4	748.9	706.9	649.9	599.3	623.1	
G28.0	583.9	624.6	672.6	721.7	713.4	667.1	611.5	559.1	583.9	
G29.0	543.5	584.7	633.3	684.0	674.3	628.8	572.0	518.1	543.5	
G30.0	502.9	546.1	594.9	645.2	635.0	588.2	530.3	478.5	502.9	
G31.0	461.1	505.1	554.8	606.1	593.6	546.4	488.6	438.2	461.1	
G32.0	420.1	462.8	513.5	565.5	553.0	503.8	448.3	398.3	420.1	
G33.0	380.5	422.3	472.3	525.4	509.7	462.4	406.2	357.8	380.5	
G34.0	341.4	384.0	431.8	483.2	470.3	419.3	365.6	319.5	341.4	
G35.0	304.9	344.5	392.6	442.7	427.8	378.3	326.2	283.6	304.9	
G36.0	269.3	309.3	353.4	401.7	387.9	339.0	289.9	247.8	269.3	

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: 8.450 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	238.4	272.4	316.3	360.8	348.1	300.9	255.8	218.7	238.4	
G38.0	210.7	239.8	281.1	324.9	311.8	266.3	226.5	193.8	210.7	
G39.0	188.4	211.7	249.4	289.1	277.0	236.0	202.1	174.4	188.4	
G40.0	169.2	188.2	219.9	256.7	247.0	210.8	181.5	157.2	169.2	
G41.0	153.2	168.6	195.3	227.5	219.6	190.4	163.6	141.9	153.2	
G42.0	138.7	153.2	175.2	204.9	198.3	172.3	148.6	128.7	138.7	
G43.0	126.0	138.0	158.6	185.5	176.1	156.2	134.7	117.0	126.0	
G44.0	112.6	123.8	143.2	168.1	159.1	141.9	122.8	103.3	112.6	
G45.0	97.9	108.3	129.8	152.0	142.2	128.9	110.2	89.6	97.9	
G46.0	83.9	93.6	117.1	138.9	129.2	117.2	97.5	74.7	83.9	
G47.0	72.3	78.2	105.0	126.7	116.4	104.7	83.5	67.4	72.3	
G48.0	63.3	67.8	90.3	114.8	104.4	91.1	74.0	55.0	63.3	
G49.0	48.0	60.1	79.2	101.0	90.3	78.5	62.3	39.3	48.0	
G50.0	35.8	47.5	66.4	88.7	78.4	69.5	44.3	32.4	35.8	
G51.0	31.8	33.7	55.1	74.6	68.7	50.0	33.8	29.5	31.8	
G52.0	29.3	29.7	38.3	65.4	51.1	37.1	30.2	26.9	29.3	
G53.0	26.5	27.0	31.5	45.9	35.4	31.5	27.5	24.2	26.5	
G54.0	23.8	24.4	28.8	35.7	29.5	28.6	25.0	21.2	23.8	
G55.0	19.0	21.6	26.3	31.8	26.4	25.6	21.7	18.1	19.0	
G56.0	15.9	18.6	23.7	29.1	23.6	22.1	18.3	15.2	15.9	
G57.0	13.4	15.6	20.7	26.0	20.1	18.8	15.4	13.0	13.4	
G58.0	11.4	12.9	17.6	22.7	16.6	15.8	13.1	11.2	11.4	
G59.0	9.8	11.0	14.8	19.6	13.5	13.3	11.3	11.1	9.8	
G60.0	9.8	9.3	12.7	16.5	11.0	11.8	9.7	9.6	9.8	
G61.0	8.5	7.7	11.0	14.6	9.6	10.3	8.1	8.0	8.5	
G62.0	6.9	6.3	9.3	12.7	8.2	8.9	6.5	4.8	6.9	
G63.0	5.7	4.9	7.8	10.9	6.8	7.4	6.7	3.4	5.7	
G64.0	4.5	3.6	6.2	9.5	5.5	5.9	5.3	2.1	4.5	
G65.0	3.1	4.1	4.7	8.0	4.2	4.8	4.1	0.9	3.1	
G66.0	2.2	2.9	3.3	6.6	3.0	3.9	3.1	0.0	2.2	
G67.0	1.1	0.3	2.0	5.1	1.7	2.3	1.6	0.0	1.1	
G68.0	0.2	0.0	2.4	3.7	0.4	1.1	0.9	0.0	0.2	
G69.0	0.0	0.0	0.0	2.5	0.0	0.1	0.3	0.0	0.0	
G70.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	
G71.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	
G72.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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: 8.450 m

Humidity: 50%

Inspector:

Unit: 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: 8.450 m
Humidity: 50%
Inspector: