

Report No.:

Test Time: 2022/4/24 10:48

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants C35 Flex VW WC 4.4W/F

Luminaire Description: Curved pendants C35 Flex VW WC 4.4W/F

Lamp Catalog: 1 ROW VW 2100K

Luminous Width (mm): 35

Voltage: 24.0 V

Power: 1.84 W

Luminous Length (mm): 300

Luminous Height (mm): 37.5

Current: 0.077 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 56 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H152.8,H93.9

Vertical Diffuse Angle(10%,50%): V153.4,V98.8

Luminaire Efficacy Rating (LER): 30.47

Max. Intensity: 23.88 cd

S/MH(C0/C180): 1.12

Total Rated Lamp Lumens: 56.0 lm

Efficiency: 100%

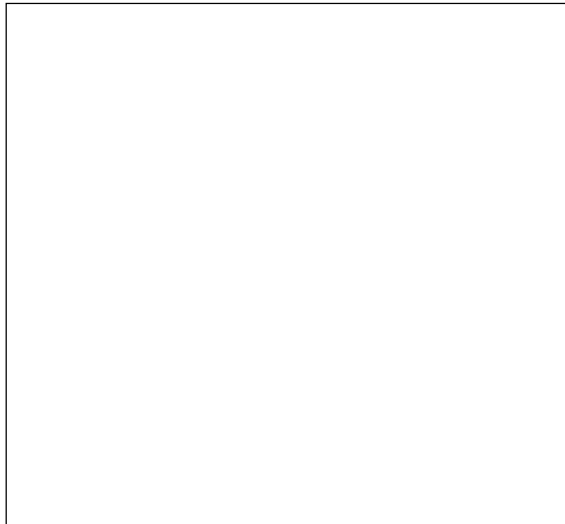
Upward Ratio: 0%

Central Intensity: 23.78 cd

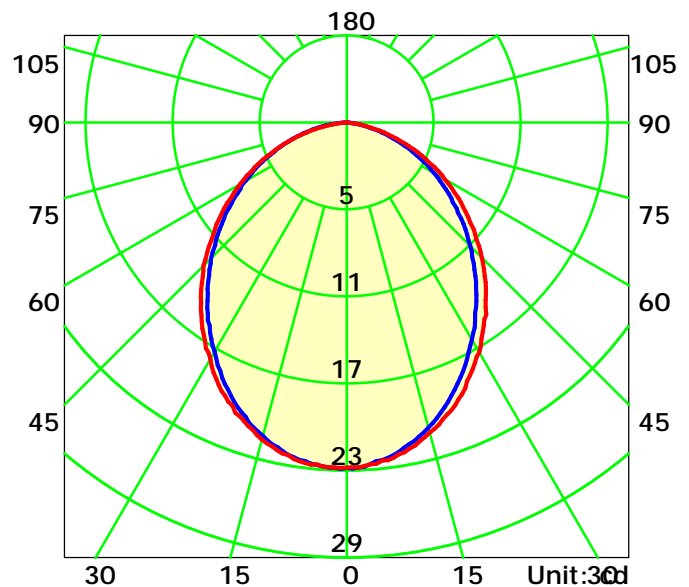
Pos of Max. Intensity: H210 V1

S/MH(C90/C270): 1.17

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 96.3°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

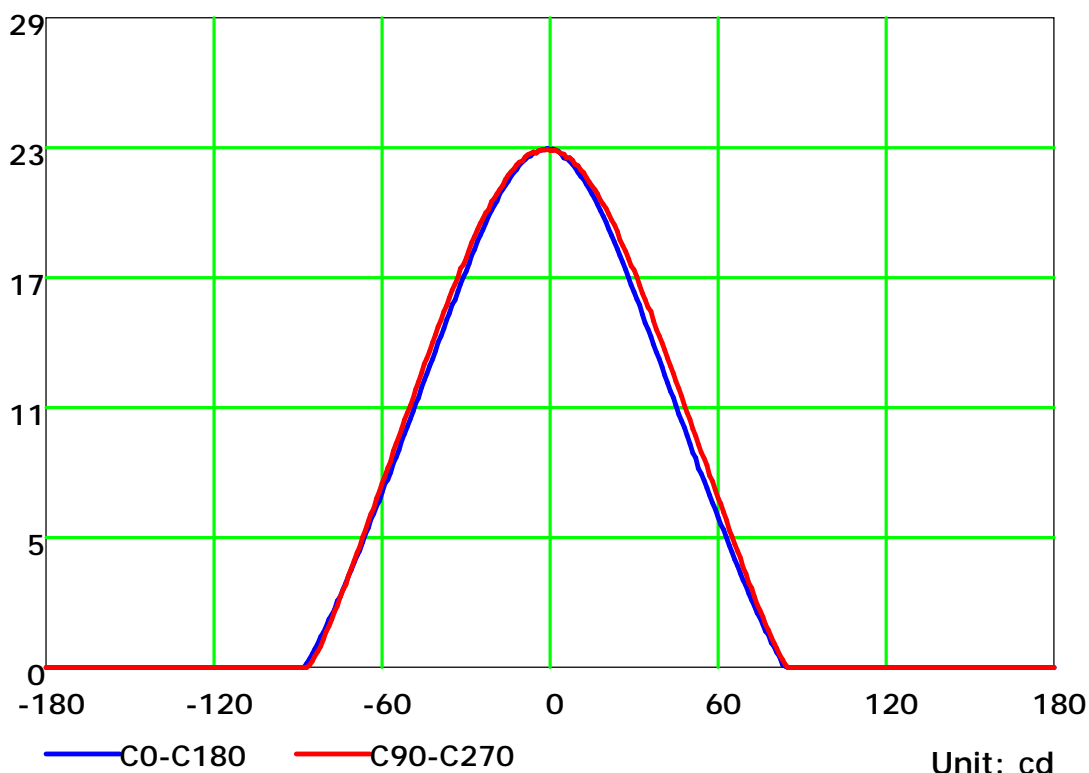
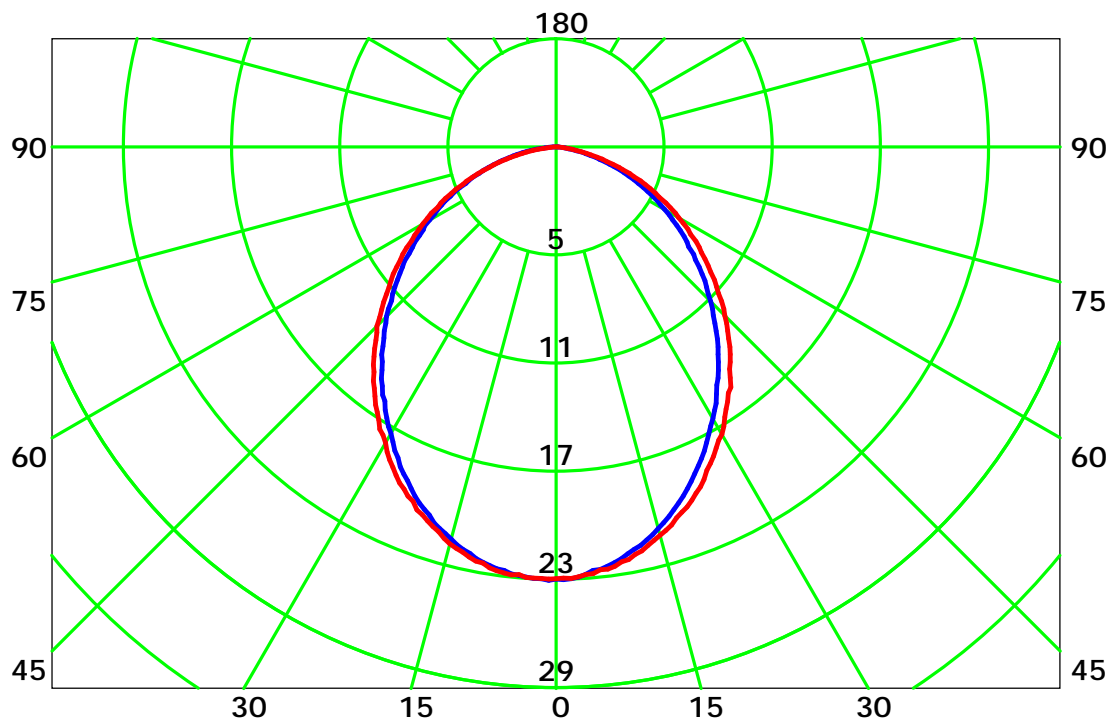
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

Luminous Intensity Distribution Curve

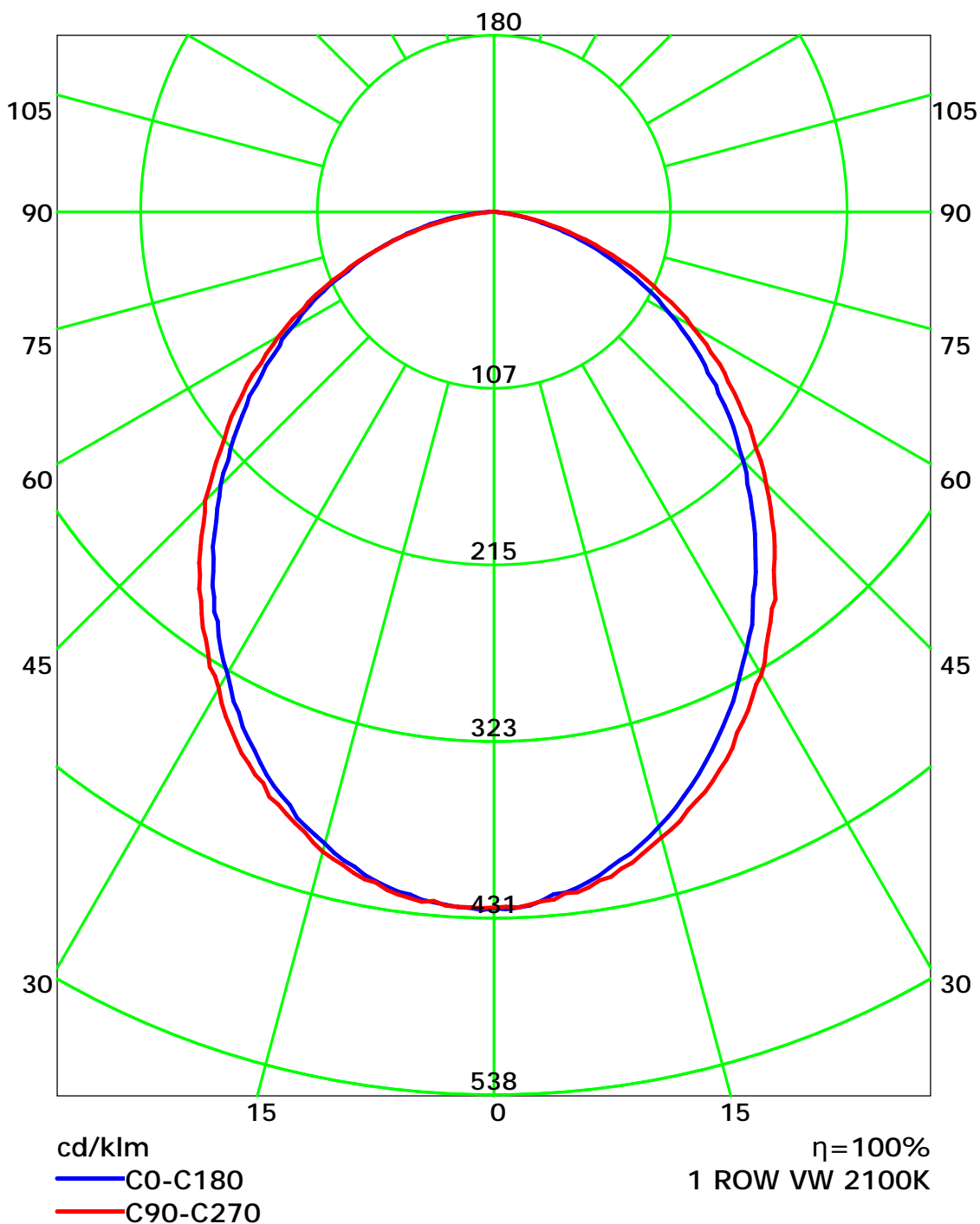


Unit: cd

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

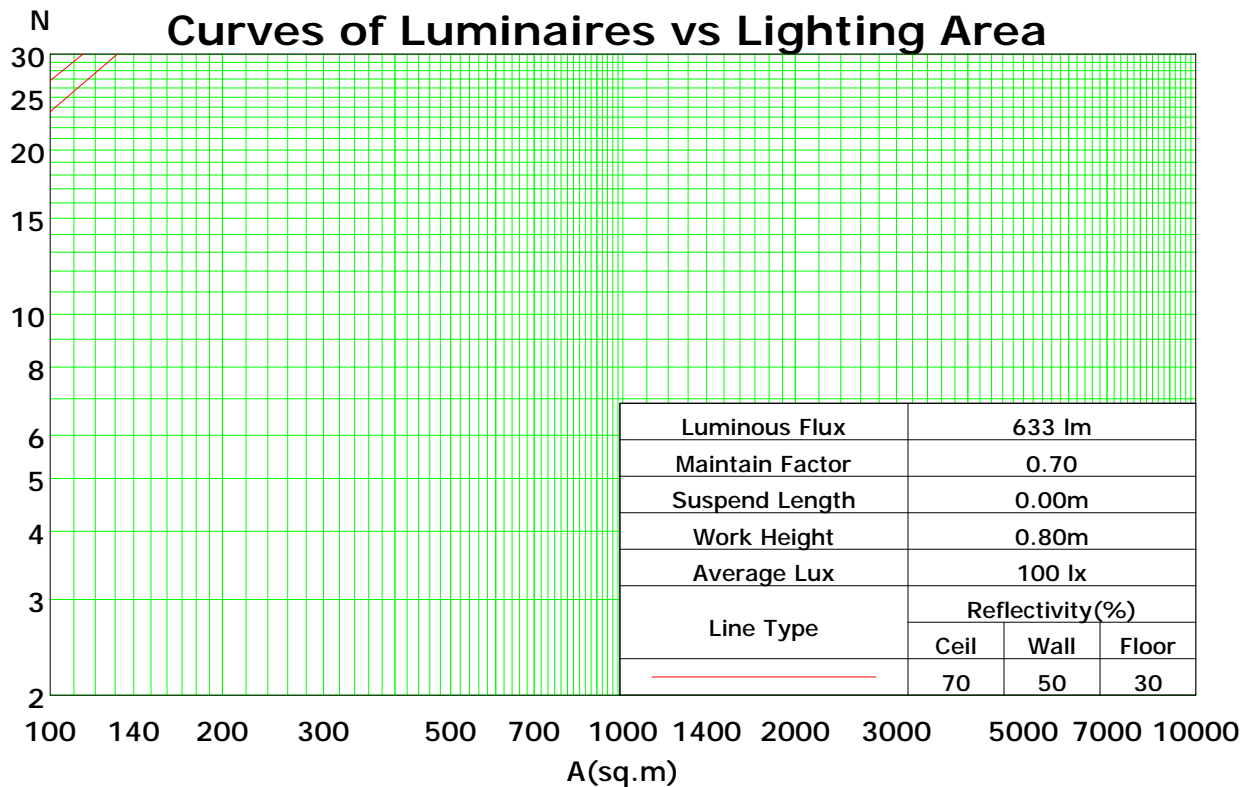
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	58	53	49	47
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	48	43	41
7	67	54	45	39	65	53	45	39	52	44	39	50	44	39	49	43	38	36
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

Spacing Criteria (0-180): 1.12

Spacing Criteria (90-270): 1.17

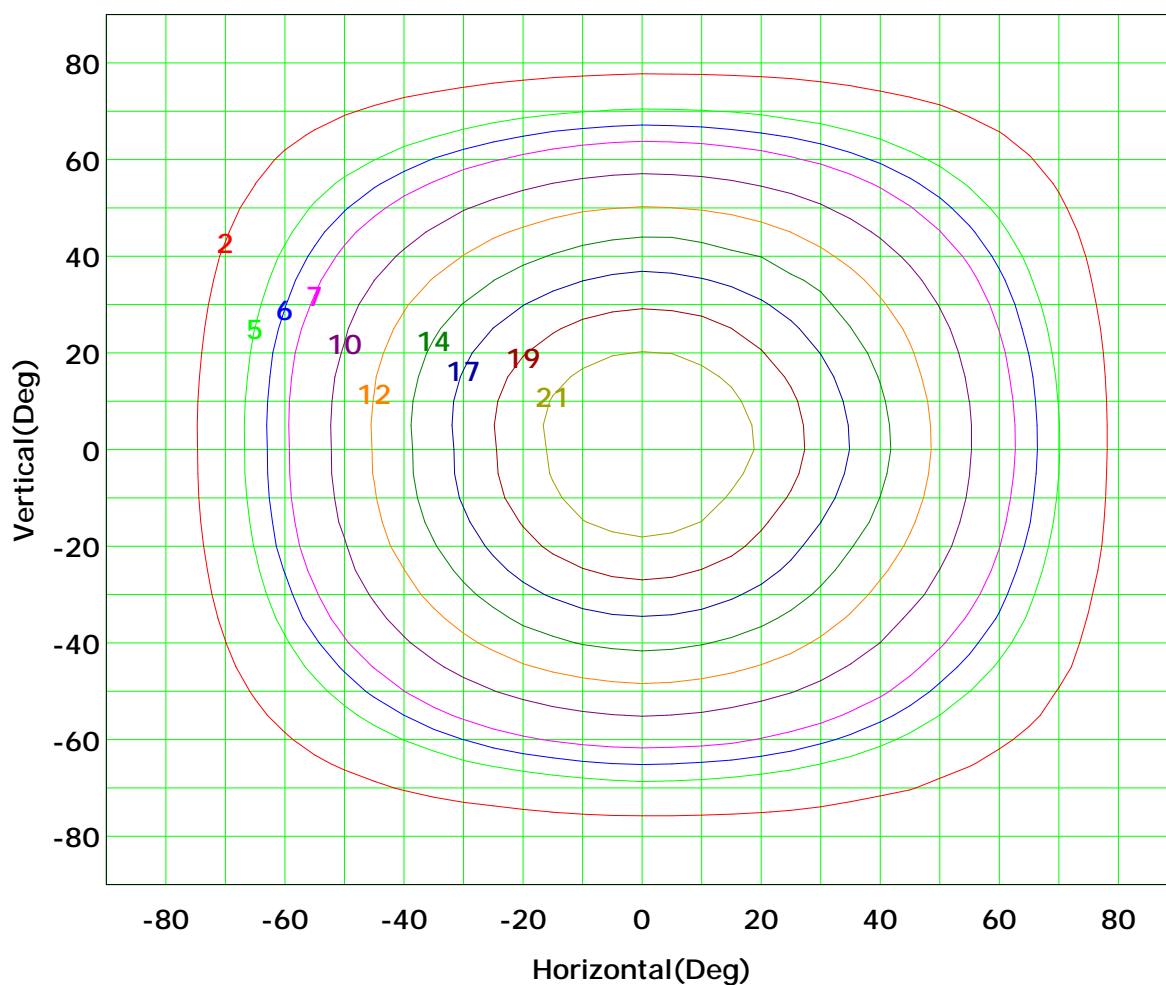
Spacing Criteria (Diagonal): 1.26



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



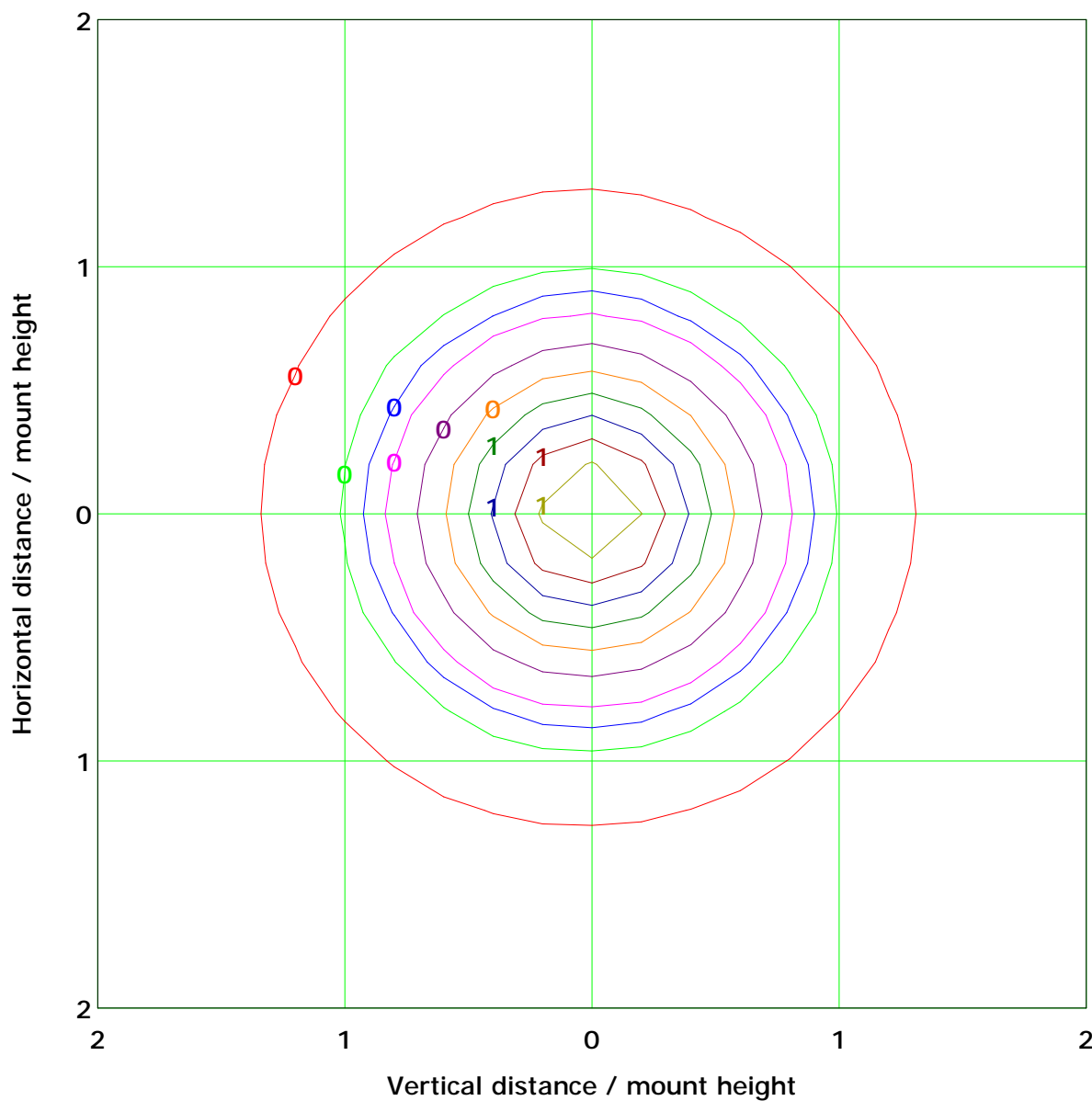
I_{max} (100%): 24 cd

(10%):	2 cd	(20%):	5 cd
(25%):	6 cd	(30%):	7 cd
(40%):	10 cd	(50%):	12 cd
(60%):	14 cd	(70%):	17 cd
(80%):	19 cd	(90%):	21 cd

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 1.0 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.2 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.6 lx	(70%): 0.7 lx
(80%): 0.8 lx	(90%): 0.9 lx

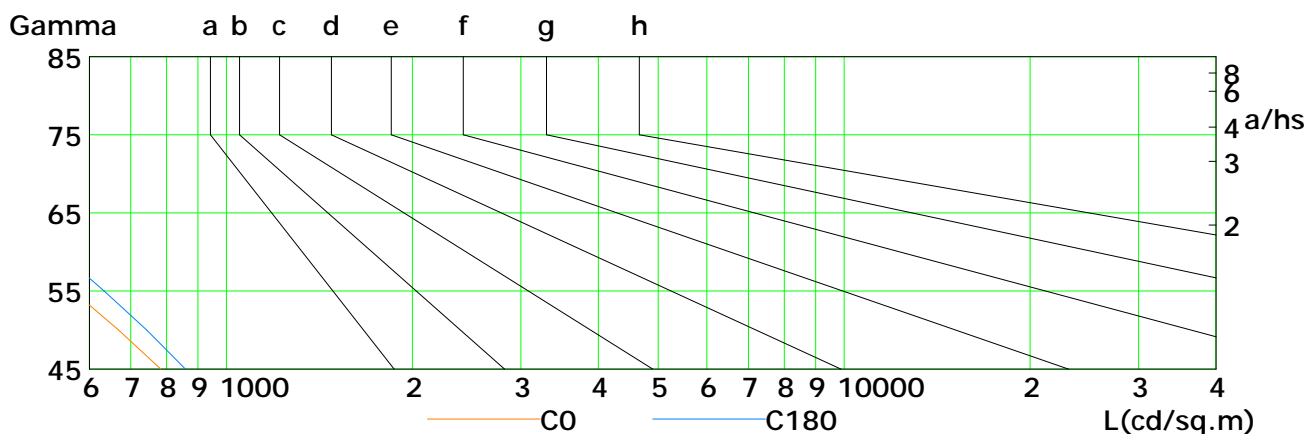
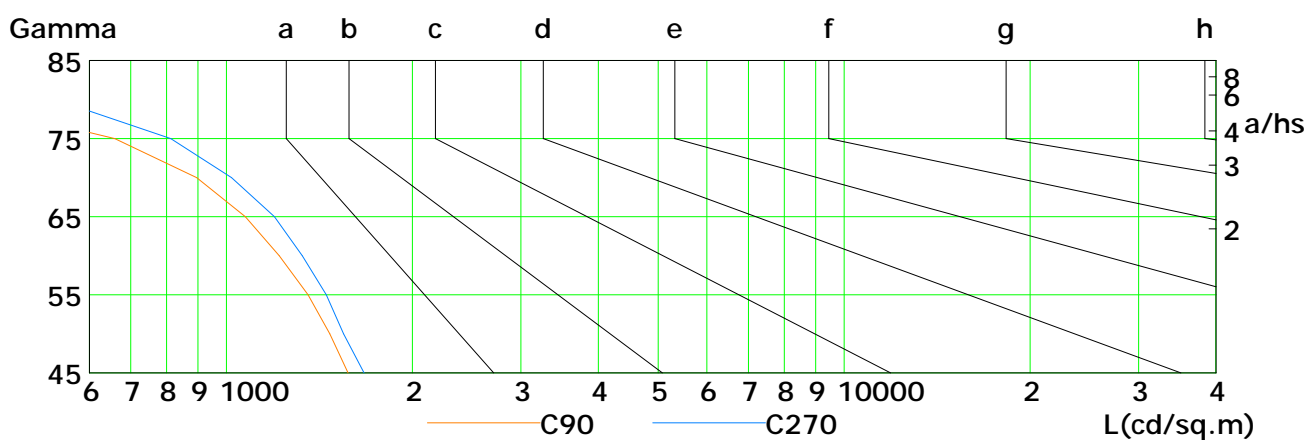
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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

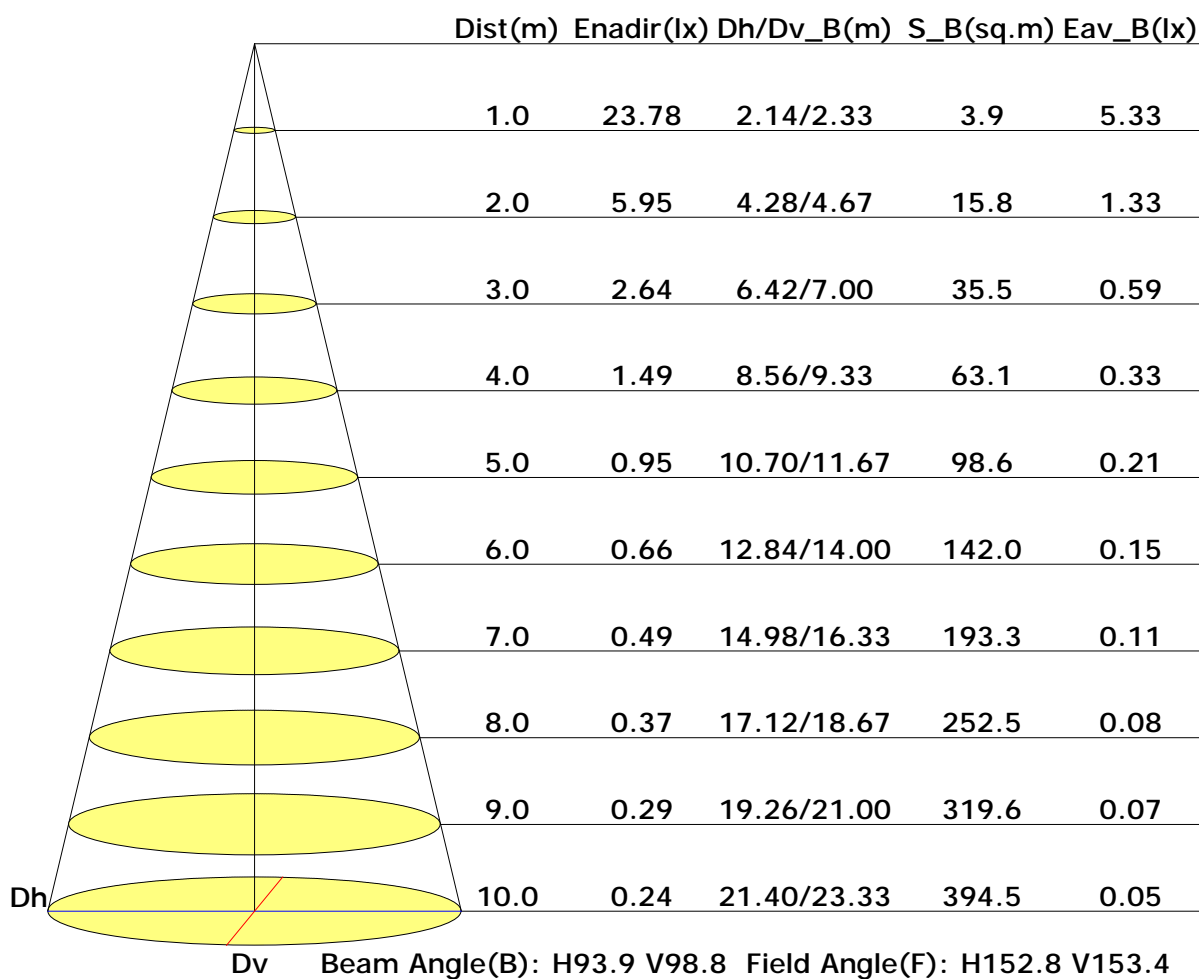


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	784	669	564	460	364	265	169	75	0
C90	1574	1470	1355	1218	1073	895	660	363	0
C180	859	743	635	536	439	342	240	146	51
C270	1671	1549	1451	1328	1196	1020	813	530	135

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

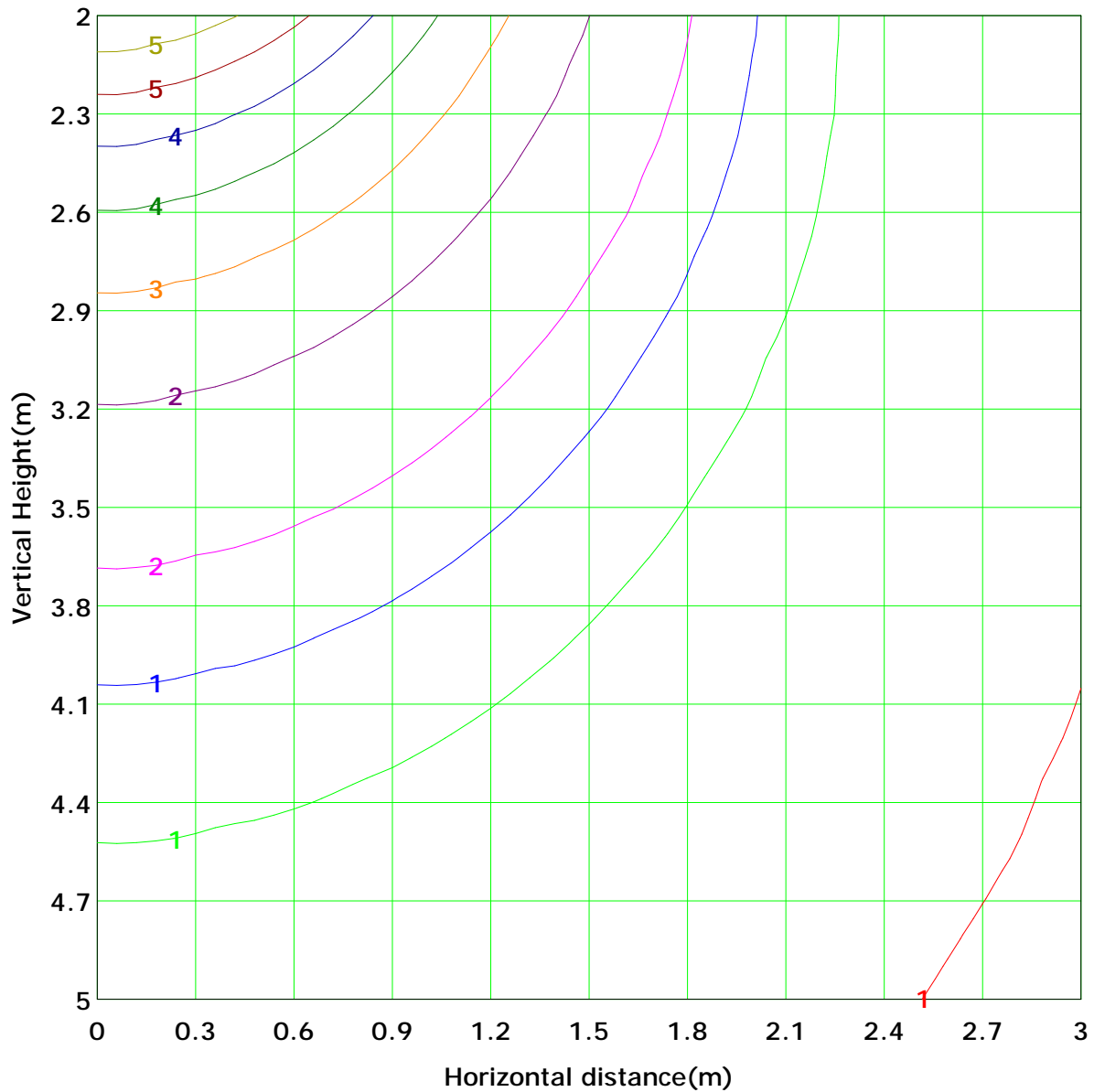
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 5.9 lx
(10%): 0.6 lx	(20%): 1.2 lx	(30%): 1.8 lx
(25%): 1.5 lx	(40%): 2.4 lx	(50%): 3.0 lx
(60%): 3.6 lx	(70%): 4.2 lx	(90%): 5.4 lx
(80%): 4.8 lx		

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

Area Flux Table

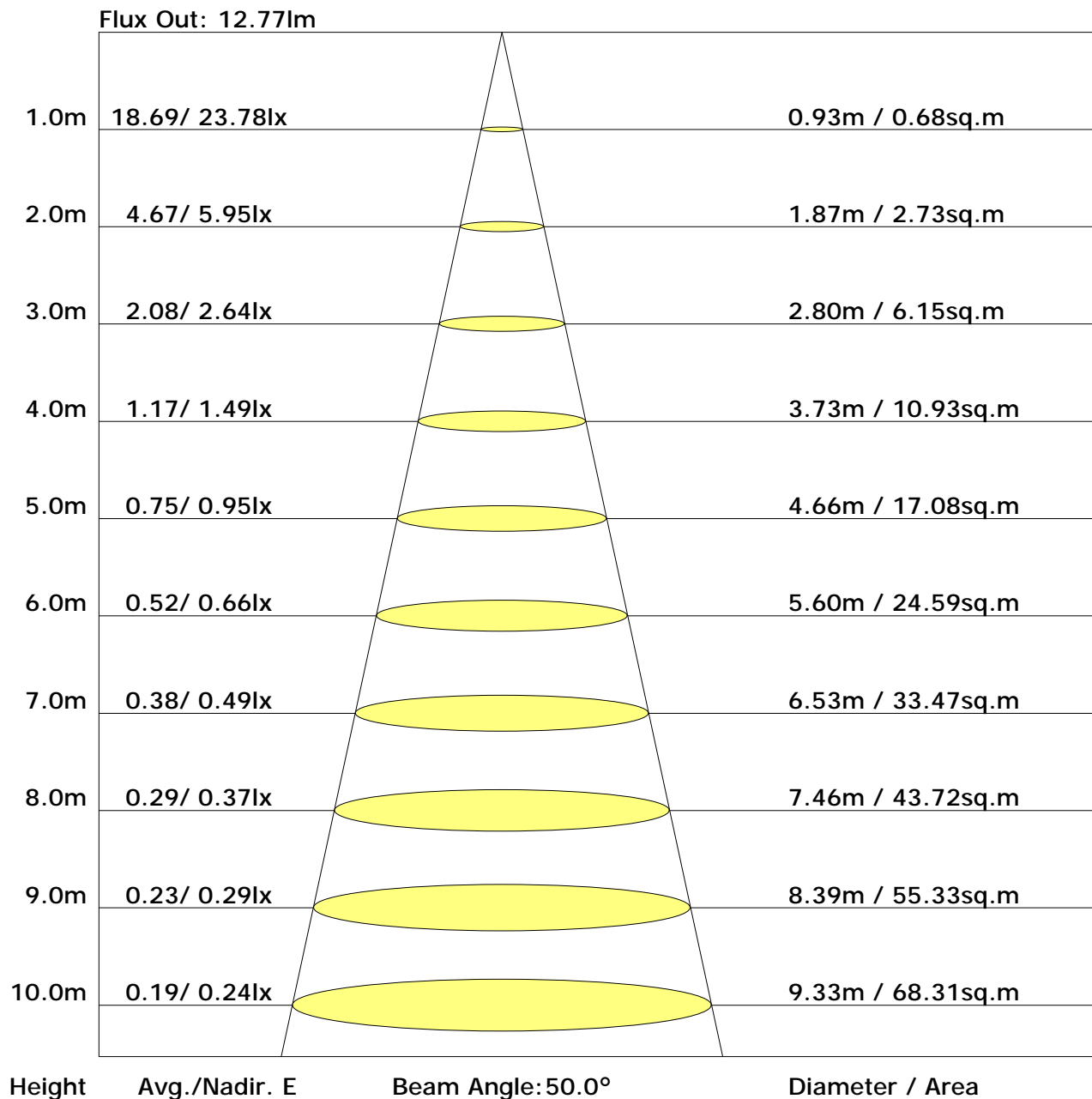
Unit: lm																	
Vertical plane																	
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.8	0.5
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	1.6	1.6
-60	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	2.5	2.5
-50	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	3.4	3.4
-40	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	4.2	4.2
-30	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	4.9	4.9
-20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	5.4	5.4
-10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.2	5.6	5.6
0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	5.6	5.6
10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	5.3	5.3
20	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	4.7	4.7
30	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.0	4.0	4.0
40	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	3.2	3.2
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.0	2.3	2.3
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	1.4	1.4
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.6	0.3
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	0.1	0.0
90	0.0	0.3	0.8	1.7	2.8	4.1	5.4	6.4	7.0	6.9	6.3	5.2	3.9	2.7	1.5	56	
Flux(T)	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
Flux(E)	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
Horizontal plane																	
-90	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-80	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-70	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-60	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-50	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-40	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-30	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-20	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
-10	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
0	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
10	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
20	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
30	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
40	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
50	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
60	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
70	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
80	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55
90	0.0	0.2	0.8	1.6	2.8	4.0	5.3	6.3	6.9	6.9	6.2	5.2	3.9	2.6	1.5		55

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:



The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.390 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	10.5	11.9	10.8	12.1	12.3	12.5	13.9	12.8	14.1	14.3
3H	11.3	12.5	11.6	12.8	13.0	13.7	14.9	14.1	15.2	15.5
4H	11.5	12.6	11.8	12.9	13.2	14.1	15.2	14.5	15.5	15.8
6H	11.5	12.6	11.9	12.9	13.2	14.3	15.3	14.7	15.7	16.0
8H	11.5	12.5	11.9	12.8	13.1	14.3	15.3	14.7	15.6	16.0
12H	11.4	12.4	11.8	12.7	13.1	14.3	15.2	14.7	15.6	15.9
X=4H Y=2H	11.1	12.3	11.5	12.6	12.8	12.8	13.9	13.1	14.2	14.5
3H	12.0	13.0	12.4	13.3	13.7	14.1	15.1	14.5	15.4	15.7
4H	12.3	13.2	12.7	13.5	13.9	14.5	15.4	15.0	15.8	16.1
6H	12.4	13.1	12.8	13.5	13.9	14.8	15.6	15.2	15.9	16.3
8H	12.3	13.0	12.8	13.4	13.9	14.8	15.5	15.2	15.9	16.3
12H	12.3	12.9	12.8	13.4	13.8	14.8	15.4	15.2	15.8	16.3
X=8H Y=4H	12.4	13.1	12.9	13.5	14.0	14.6	15.3	15.0	15.7	16.1
6H	12.6	13.1	13.0	13.6	14.0	14.8	15.4	15.3	15.8	16.3
8H	12.6	13.1	13.0	13.5	14.0	14.9	15.4	15.4	15.8	16.3
12H	12.5	13.0	13.0	13.4	13.9	14.9	15.3	15.4	15.8	16.3
X=12H Y=4H	12.4	13.1	12.9	13.5	13.9	14.5	15.2	15.0	15.6	16.0
6H	12.6	13.1	13.0	13.5	14.0	14.8	15.3	15.3	15.8	16.3
8H	12.6	13.0	13.1	13.5	14.0	14.9	15.3	15.4	15.8	16.3
Variations with the observer position at spacings:										
S=1.0H	+0.3/-0.4					+0.2/-0.3				
S=1.5H	+0.5/-1.1					+0.7/-0.9				
S=2.0H	+1.0/-2.0					+1.4/-1.8				

Calculate in accordance with CIE Pub.117. The table is revised with 56lm ($8\log(F/F_0) = -10.0$).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 9.390 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	0.60	0.71	0.78	0.83	0.90	0.95	0.98	1.02	1.05
	0.30		0.53	0.63	0.71	0.76	0.84	0.89	0.93	0.98	1.02
	0.20		0.47	0.58	0.65	0.71	0.79	0.85	0.89	0.95	0.99
0.50	0.50	0.20	0.59	0.69	0.75	0.80	0.87	0.91	0.94	0.98	1.01
	0.30		0.52	0.62	0.69	0.75	0.82	0.87	0.90	0.95	0.98
	0.20		0.47	0.57	0.65	0.70	0.78	0.83	0.87	0.92	0.96
0.30	0.50	0.20	0.57	0.67	0.73	0.78	0.84	0.88	0.91	0.95	0.97
	0.30		0.51	0.61	0.68	0.73	0.80	0.85	0.88	0.92	0.95
	0.20		0.47	0.57	0.64	0.69	0.76	0.81	0.85	0.90	0.93
0.00	0.00	0.00	0.45	0.54	0.61	0.66	0.73	0.78	0.81	0.85	0.88
Rating: 2W 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	0.94	0.77	0.65	0.57	0.45	0.37	0.31	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19	
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.50	0.50	0.20	0.91	0.74	0.63	0.54	0.43	0.39	0.30	0.23	0.18	
	0.30		0.77	0.64	0.55	0.48	0.39	0.32	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.33	0.28	0.22	0.18	
	0.30		0.75	0.63	0.54	0.47	0.38	0.31	0.27	0.21	0.17	
	0.20		0.66	0.56	0.49	0.43	0.35	0.29	0.25	0.20	0.16	
0.00	0.00	0.00	0.55	0.46	0.39	0.34	0.27	0.22	0.19	0.15	0.12	
<p>Rating:2W 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	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	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	0.13	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:2W 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	23.8	0.0	0.0	0.04	0.04
1.0-2.0	23.8	0.1	0.1	0.12	0.16
2.0-3.0	23.8	0.1	0.2	0.20	0.37
3.0-4.0	23.7	0.2	0.4	0.28	0.65
4.0-5.0	23.6	0.2	0.6	0.36	1.01
5.0-6.0	23.6	0.2	0.8	0.44	1.46
6.0-7.0	23.5	0.3	1.1	0.52	1.98
7.0-8.0	23.4	0.3	1.4	0.60	2.57
8.0-9.0	23.3	0.4	1.8	0.67	3.25
9.0-10.0	23.1	0.4	2.2	0.75	4.00
10.0-11.0	23.0	0.5	2.7	0.82	4.82
11.0-12.0	22.8	0.5	3.2	0.89	5.71
12.0-13.0	22.7	0.5	3.7	0.96	6.67
13.0-14.0	22.5	0.6	4.3	1.03	7.70
14.0-15.0	22.3	0.6	4.9	1.09	8.80
15.0-16.0	22.1	0.6	5.6	1.16	9.95
16.0-17.0	21.9	0.7	6.3	1.22	11.17
17.0-18.0	21.7	0.7	7.0	1.28	12.45
18.0-19.0	21.4	0.7	7.7	1.33	13.78
19.0-20.0	21.2	0.8	8.5	1.39	15.17
20.0-21.0	20.9	0.8	9.3	1.44	16.61
21.0-22.0	20.7	0.8	10.1	1.49	18.09
22.0-23.0	20.4	0.9	11.0	1.53	19.63
23.0-24.0	20.1	0.9	11.9	1.57	21.20
24.0-25.0	19.9	0.9	12.8	1.61	22.81
25.0-26.0	19.5	0.9	13.7	1.65	24.46
26.0-27.0	19.3	0.9	14.6	1.68	26.14
27.0-28.0	19.0	1.0	15.6	1.71	27.86
28.0-29.0	18.6	1.0	16.6	1.74	29.60
29.0-30.0	18.3	1.0	17.6	1.77	31.37
30.0-31.0	18.0	1.0	18.6	1.79	33.16
31.0-32.0	17.7	1.0	19.6	1.81	34.97
32.0-33.0	17.3	1.0	20.6	1.83	36.79
33.0-34.0	17.0	1.0	21.6	1.84	38.63
34.0-35.0	16.7	1.0	22.7	1.85	40.48
35.0-36.0	16.4	1.0	23.7	1.86	42.34

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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.390 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	16.0	1.0	24.7	1.87	44.21
37.0-38.0	15.7	1.0	25.8	1.87	46.08
38.0-39.0	15.3	1.0	26.8	1.87	47.94
39.0-40.0	15.0	1.0	27.9	1.86	49.81
40.0-41.0	14.6	1.0	28.9	1.86	51.67
41.0-42.0	14.3	1.0	30.0	1.85	53.52
42.0-43.0	13.9	1.0	31.0	1.84	55.36
43.0-44.0	13.6	1.0	32.0	1.83	57.19
44.0-45.0	13.3	1.0	33.0	1.82	59.01
45.0-46.0	12.9	1.0	34.0	1.81	60.82
46.0-47.0	12.5	1.0	35.0	1.78	62.60
47.0-48.0	12.2	1.0	36.0	1.76	64.36
48.0-49.0	11.8	1.0	37.0	1.73	66.09
49.0-50.0	11.5	1.0	37.9	1.71	67.80
50.0-51.0	11.1	0.9	38.9	1.68	69.47
51.0-52.0	10.7	0.9	39.8	1.65	71.12
52.0-53.0	10.4	0.9	40.7	1.62	72.74
53.0-54.0	10.0	0.9	41.6	1.58	74.32
54.0-55.0	9.7	0.9	42.5	1.55	75.87
55.0-56.0	9.4	0.8	43.3	1.51	77.38
56.0-57.0	9.0	0.8	44.1	1.47	78.85
57.0-58.0	8.6	0.8	44.9	1.43	80.28
58.0-59.0	8.3	0.8	45.7	1.39	81.67
59.0-60.0	8.0	0.8	46.5	1.35	83.02
60.0-61.0	7.6	0.7	47.2	1.30	84.32
61.0-62.0	7.3	0.7	47.9	1.26	85.58
62.0-63.0	7.0	0.7	48.6	1.21	86.79
63.0-64.0	6.6	0.6	49.2	1.16	87.95
64.0-65.0	6.3	0.6	49.8	1.11	89.05
65.0-66.0	5.9	0.6	50.4	1.06	90.11
66.0-67.0	5.6	0.6	51.0	1.01	91.12
67.0-68.0	5.3	0.5	51.5	0.95	92.07
68.0-69.0	4.9	0.5	52.0	0.90	92.97
69.0-70.0	4.6	0.5	52.5	0.84	93.81
70.0-71.0	4.3	0.4	52.9	0.79	94.60
71.0-72.0	3.9	0.4	53.4	0.73	95.33

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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.390 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	3.6	0.4	53.7	0.68	96.01
73.0-74.0	3.3	0.3	54.1	0.62	96.63
74.0-75.0	3.0	0.3	54.4	0.57	97.20
75.0-76.0	2.7	0.3	54.7	0.51	97.71
76.0-77.0	2.4	0.3	54.9	0.46	98.17
77.0-78.0	2.1	0.2	55.2	0.40	98.57
78.0-79.0	1.8	0.2	55.4	0.35	98.91
79.0-80.0	1.5	0.2	55.5	0.30	99.21
80.0-81.0	1.3	0.1	55.7	0.24	99.45
81.0-82.0	1.0	0.1	55.8	0.19	99.65
82.0-83.0	0.8	0.1	55.8	0.15	99.79
83.0-84.0	0.5	0.1	55.9	0.10	99.89
84.0-85.0	0.3	0.0	55.9	0.06	99.95
85.0-86.0	0.2	0.0	56.0	0.03	99.99
86.0-87.0	0.1	0.0	56.0	0.01	100.00
87.0-88.0	0.0	0.0	56.0	0.00	100.00
88.0-89.0	0.0	0.0	56.0	0.00	100.00
89.0-90.0	0.0	0.0	56.0	0.00	100.00
90.0-91.0	0.0	0.0	56.0	0.00	100.00
91.0-92.0	0.0	0.0	56.0	0.00	100.00
92.0-93.0	0.0	0.0	56.0	0.00	100.00
93.0-94.0	0.0	0.0	56.0	0.00	100.00
94.0-95.0	0.0	0.0	56.0	0.00	100.00
95.0-96.0	0.0	0.0	56.0	0.00	100.00
96.0-97.0	0.0	0.0	56.0	0.00	100.00
97.0-98.0	0.0	0.0	56.0	0.00	100.00
98.0-99.0	0.0	0.0	56.0	0.00	100.00
99.0-100.0	0.0	0.0	56.0	0.00	100.00
100.0-101.0	0.0	0.0	56.0	0.00	100.00
101.0-102.0	0.0	0.0	56.0	0.00	100.00
102.0-103.0	0.0	0.0	56.0	0.00	100.00
103.0-104.0	0.0	0.0	56.0	0.00	100.00
104.0-105.0	0.0	0.0	56.0	0.00	100.00
105.0-106.0	0.0	0.0	56.0	0.00	100.00
106.0-107.0	0.0	0.0	56.0	0.00	100.00
107.0-108.0	0.0	0.0	56.0	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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	0.0	0.0	56.0	0.00	100.00
109.0-110.0	0.0	0.0	56.0	0.00	100.00
110.0-111.0	0.0	0.0	56.0	0.00	100.00
111.0-112.0	0.0	0.0	56.0	0.00	100.00
112.0-113.0	0.0	0.0	56.0	0.00	100.00
113.0-114.0	0.0	0.0	56.0	0.00	100.00
114.0-115.0	0.0	0.0	56.0	0.00	100.00
115.0-116.0	0.0	0.0	56.0	0.00	100.00
116.0-117.0	0.0	0.0	56.0	0.00	100.00
117.0-118.0	0.0	0.0	56.0	0.00	100.00
118.0-119.0	0.0	0.0	56.0	0.00	100.00
119.0-120.0	0.0	0.0	56.0	0.00	100.00
120.0-121.0	0.0	0.0	56.0	0.00	100.00
121.0-122.0	0.0	0.0	56.0	0.00	100.00
122.0-123.0	0.0	0.0	56.0	0.00	100.00
123.0-124.0	0.0	0.0	56.0	0.00	100.00
124.0-125.0	0.0	0.0	56.0	0.00	100.00
125.0-126.0	0.0	0.0	56.0	0.00	100.00
126.0-127.0	0.0	0.0	56.0	0.00	100.00
127.0-128.0	0.0	0.0	56.0	0.00	100.00
128.0-129.0	0.0	0.0	56.0	0.00	100.00
129.0-130.0	0.0	0.0	56.0	0.00	100.00
130.0-131.0	0.0	0.0	56.0	0.00	100.00
131.0-132.0	0.0	0.0	56.0	0.00	100.00
132.0-133.0	0.0	0.0	56.0	0.00	100.00
133.0-134.0	0.0	0.0	56.0	0.00	100.00
134.0-135.0	0.0	0.0	56.0	0.00	100.00
135.0-136.0	0.0	0.0	56.0	0.00	100.00
136.0-137.0	0.0	0.0	56.0	0.00	100.00
137.0-138.0	0.0	0.0	56.0	0.00	100.00
138.0-139.0	0.0	0.0	56.0	0.00	100.00
139.0-140.0	0.0	0.0	56.0	0.00	100.00
140.0-141.0	0.0	0.0	56.0	0.00	100.00
141.0-142.0	0.0	0.0	56.0	0.00	100.00
142.0-143.0	0.0	0.0	56.0	0.00	100.00
143.0-144.0	0.0	0.0	56.0	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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	0.0	0.0	56.0	0.00	100.00
145.0-146.0	0.0	0.0	56.0	0.00	100.00
146.0-147.0	0.0	0.0	56.0	0.00	100.00
147.0-148.0	0.0	0.0	56.0	0.00	100.00
148.0-149.0	0.0	0.0	56.0	0.00	100.00
149.0-150.0	0.0	0.0	56.0	0.00	100.00
150.0-151.0	0.0	0.0	56.0	0.00	100.00
151.0-152.0	0.0	0.0	56.0	0.00	100.00
152.0-153.0	0.0	0.0	56.0	0.00	100.00
153.0-154.0	0.0	0.0	56.0	0.00	100.00
154.0-155.0	0.0	0.0	56.0	0.00	100.00
155.0-156.0	0.0	0.0	56.0	0.00	100.00
156.0-157.0	0.0	0.0	56.0	0.00	100.00
157.0-158.0	0.0	0.0	56.0	0.00	100.00
158.0-159.0	0.0	0.0	56.0	0.00	100.00
159.0-160.0	0.0	0.0	56.0	0.00	100.00
160.0-161.0	0.0	0.0	56.0	0.00	100.00
161.0-162.0	0.0	0.0	56.0	0.00	100.00
162.0-163.0	0.0	0.0	56.0	0.00	100.00
163.0-164.0	0.0	0.0	56.0	0.00	100.00
164.0-165.0	0.0	0.0	56.0	0.00	100.00
165.0-166.0	0.0	0.0	56.0	0.00	100.00
166.0-167.0	0.0	0.0	56.0	0.00	100.00
167.0-168.0	0.0	0.0	56.0	0.00	100.00
168.0-169.0	0.0	0.0	56.0	0.00	100.00
169.0-170.0	0.0	0.0	56.0	0.00	100.00
170.0-171.0	0.0	0.0	56.0	0.00	100.00
171.0-172.0	0.0	0.0	56.0	0.00	100.00
172.0-173.0	0.0	0.0	56.0	0.00	100.00
173.0-174.0	0.0	0.0	56.0	0.00	100.00
174.0-175.0	0.0	0.0	56.0	0.00	100.00
175.0-176.0	0.0	0.0	56.0	0.00	100.00
176.0-177.0	0.0	0.0	56.0	0.00	100.00
177.0-178.0	0.0	0.0	56.0	0.00	100.00
178.0-179.0	0.0	0.0	56.0	0.00	100.00
179.0-180.0	0.0	0.0	56.0	0.00	100.00

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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.390 m
 Humidity: 60%
 Inspector: