Report No.: MSTLAB260416011 Test Time: 2026/4/16/周四 15:10

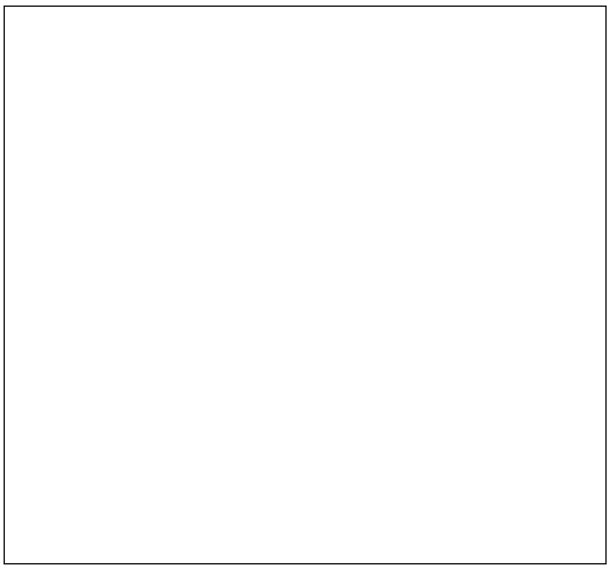
Luminaire Property

Luminaire Manufacturer: MESTER
Luminaire Category:
Luminaire Description: IRIS 489875-3000K-25°
Lamp Catalog: Lamp Description:
Number of Lamps: 1 Lumens per Lamp:
Luminous Length (mm): Luminous Width (mm):
Luminous Height (mm): Voltage: 12.00 V
Current: 0.1981 A Power: 1.78 W
Power Factor: 0.7444

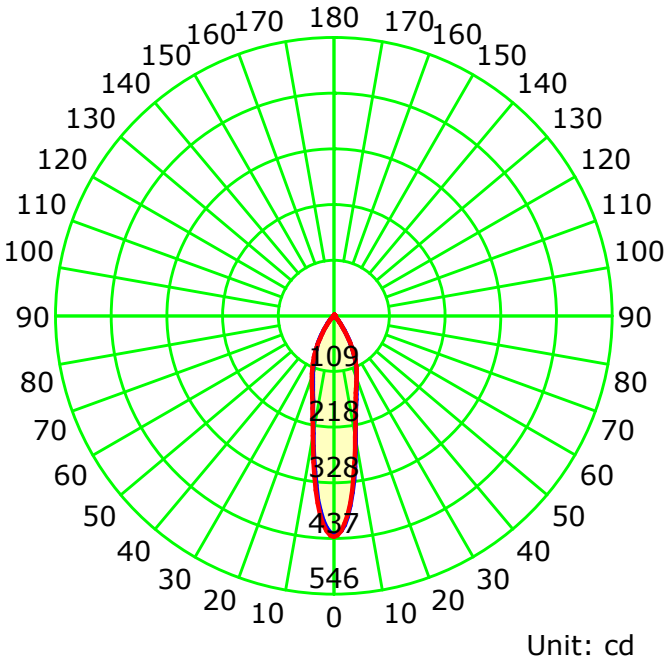
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 164.1 lm
Measurement Flux: 164.1 lm Efficiency: 100%
Downward Ratio: 98% Upward Ratio: 2%
Horizontal Diffuse Angle(10%,50%,75%,100%): H68.8,H22.7,H13.6,H0
Vertical Diffuse Angle(10%,50%,75%,100%): V67.6,V22.4,V13.4,V0
Luminous Efficacy (lm/w): 92.21 C0r0 Intensity: 429.51 cd
Max. Intensity: 437.51 cd Pos of Max. Intensity: H150 V0
S/MH(C0/C180): 0.38 S/MH(C90/C270): 0.37

Picture Of Luminaire



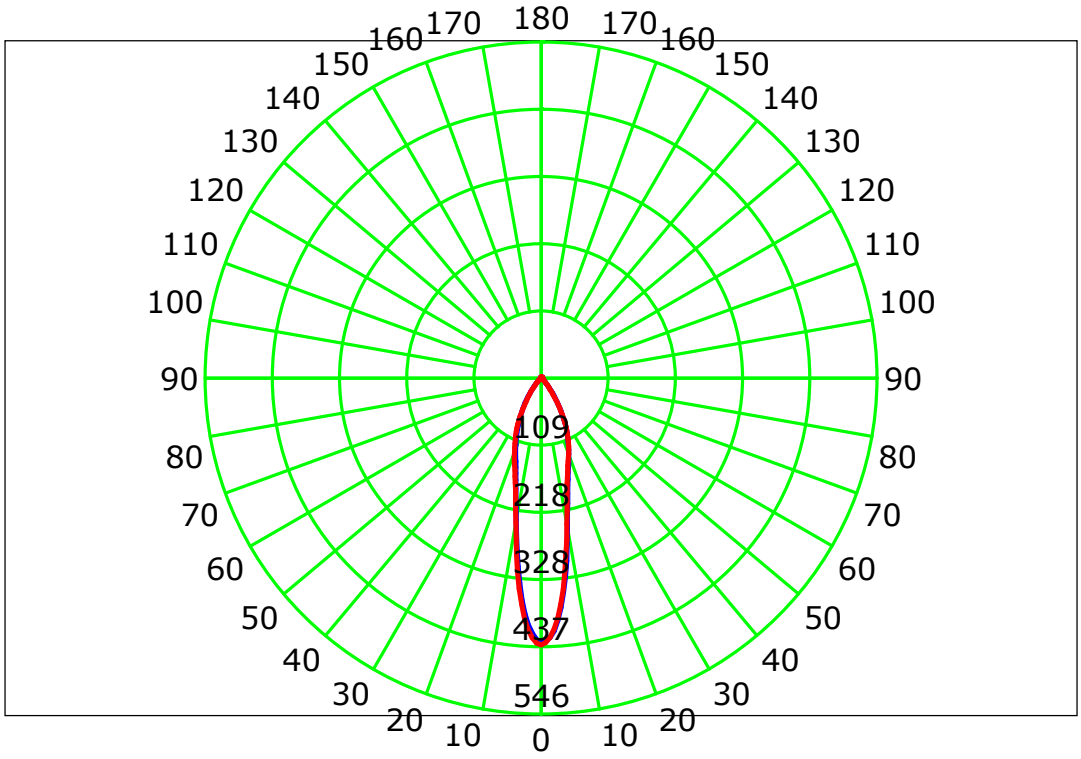
Luminous Intensity Distribution Curve

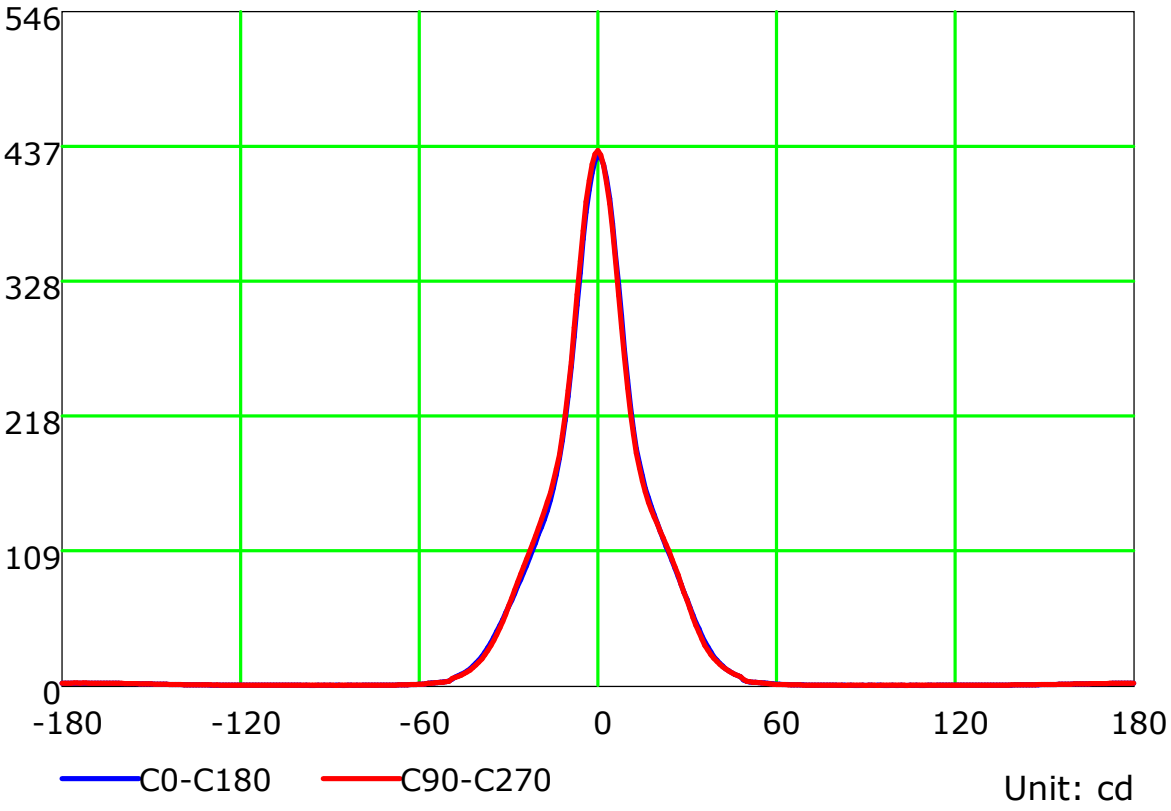


Unit: cd
Average Diffuse Angle(50%): 22.5°
C0-C180 C90-C270

C Plane (°):0.0-360.0: 30.0 Gamma Plane (°):0.0-180.0:1.0
Test Lab: MESTER LAB Test Device: GPM-1800B
Test Type: TYPE C Distance: 13.600 m [K=1.0000]
Temperature: 25.5℃ Humidity: 45% R.H
Inspector:

Luminous Intensity Distribution Curve

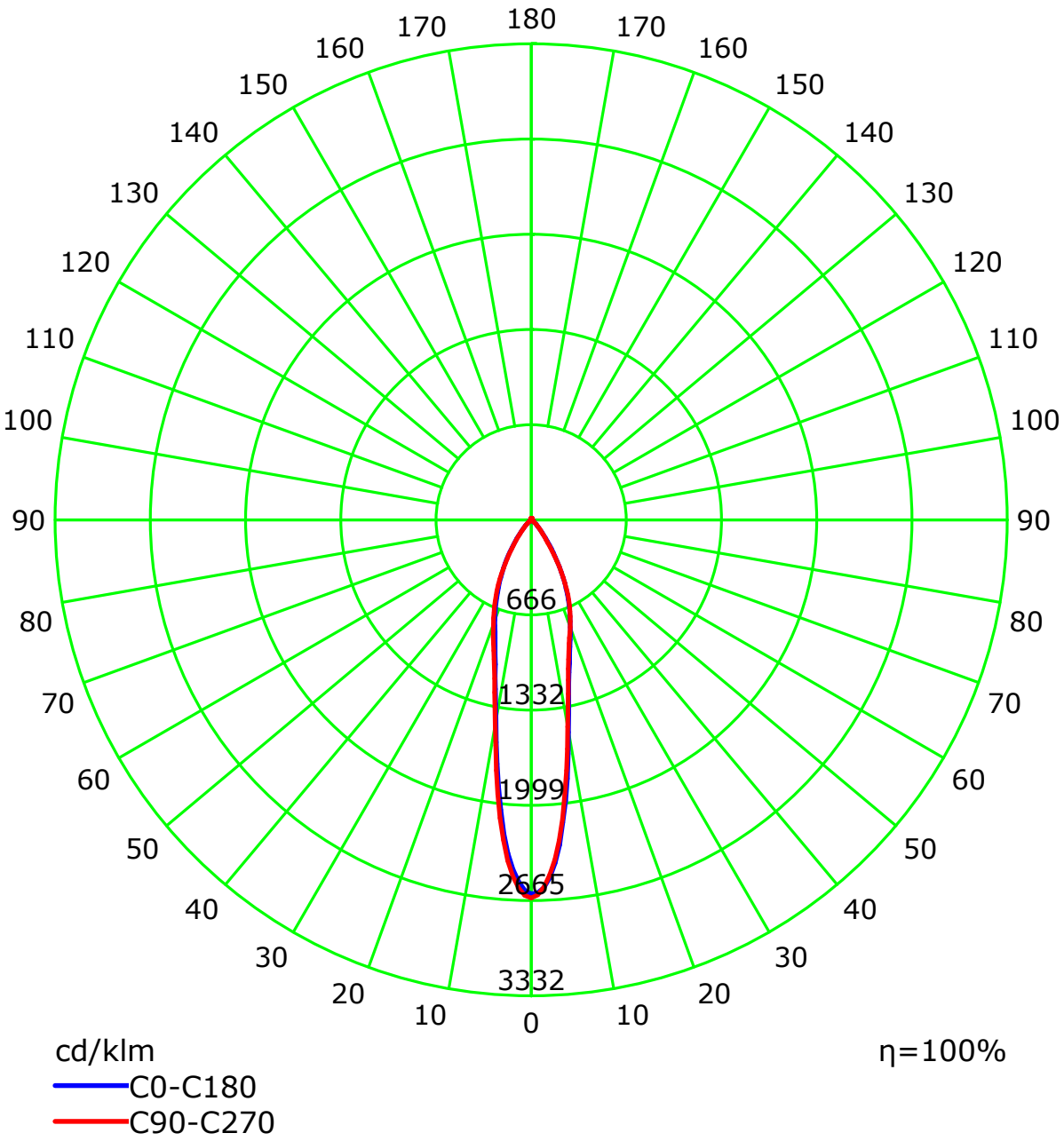




C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

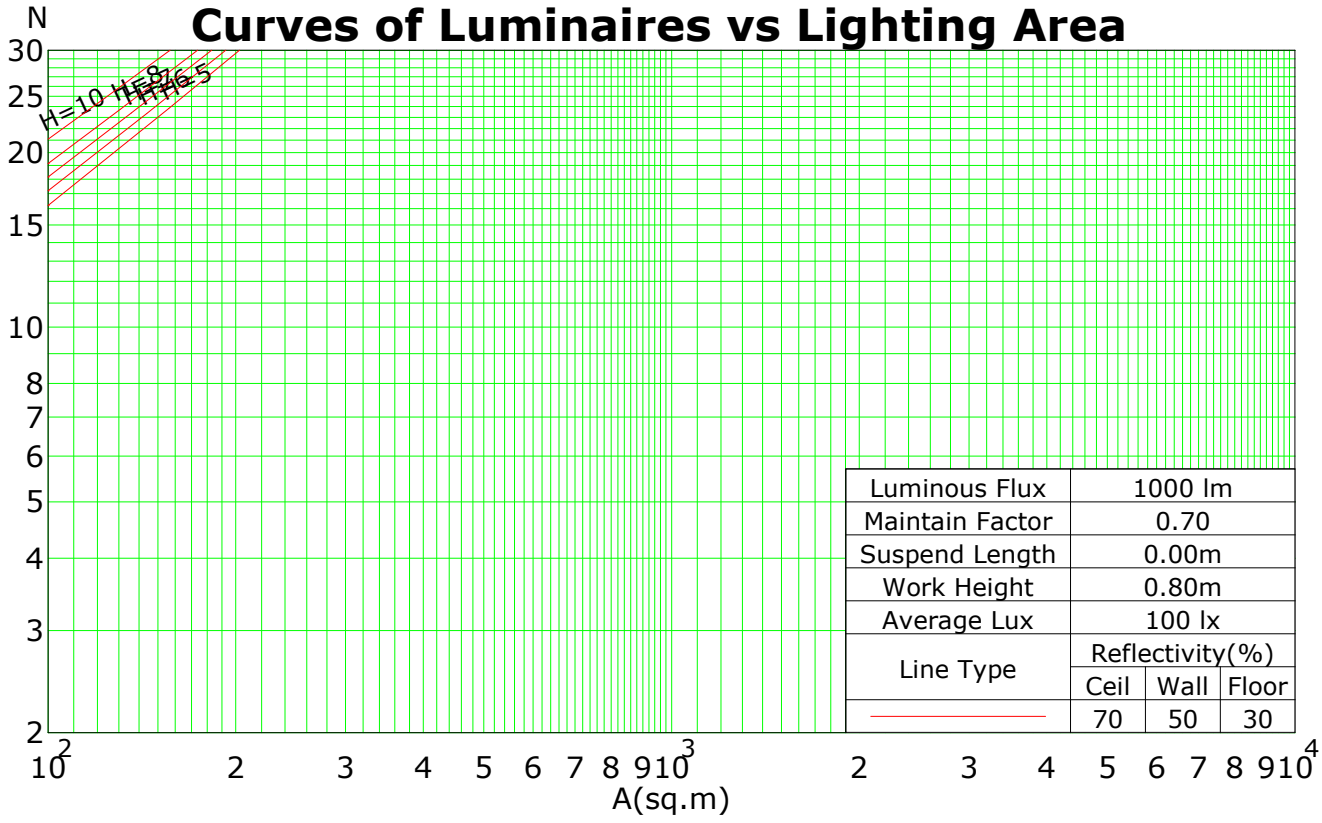
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	0.98
1	1.13	1.11	1.08	1.06	1.11	1.08	1.06	1.04	1.04	1.02	1.01	1.00	0.98	0.97	0.96	0.95	0.94	0.92
2	1.08	1.03	1.00	0.96	1.06	1.02	0.98	0.95	0.98	0.95	0.93	0.95	0.93	0.91	0.92	0.90	0.88	0.87
3	1.03	0.97	0.92	0.89	1.01	0.96	0.91	0.88	0.93	0.89	0.86	0.90	0.87	0.85	0.88	0.85	0.83	0.81
4	0.98	0.91	0.86	0.82	0.96	0.90	0.85	0.82	0.88	0.84	0.80	0.85	0.82	0.79	0.83	0.81	0.78	0.77
5	0.94	0.86	0.81	0.77	0.92	0.85	0.80	0.76	0.83	0.79	0.75	0.81	0.78	0.75	0.80	0.76	0.74	0.72
6	0.90	0.82	0.76	0.72	0.88	0.81	0.75	0.72	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.73	0.70	0.68
7	0.86	0.77	0.72	0.68	0.85	0.77	0.71	0.68	0.75	0.71	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.65
8	0.82	0.74	0.68	0.64	0.81	0.73	0.68	0.64	0.72	0.67	0.64	0.71	0.66	0.63	0.69	0.66	0.63	0.62
9	0.79	0.70	0.65	0.61	0.78	0.69	0.64	0.61	0.68	0.64	0.60	0.67	0.63	0.60	0.67	0.63	0.60	0.59
10	0.76	0.67	0.62	0.58	0.75	0.66	0.61	0.58	0.65	0.61	0.58	0.65	0.60	0.57	0.64	0.60	0.57	0.56

Spacing Criteria (0-180): 0.38
Spacing Criteria (90-270): 0.37
Spacing Criteria (Diagonal): 0.52

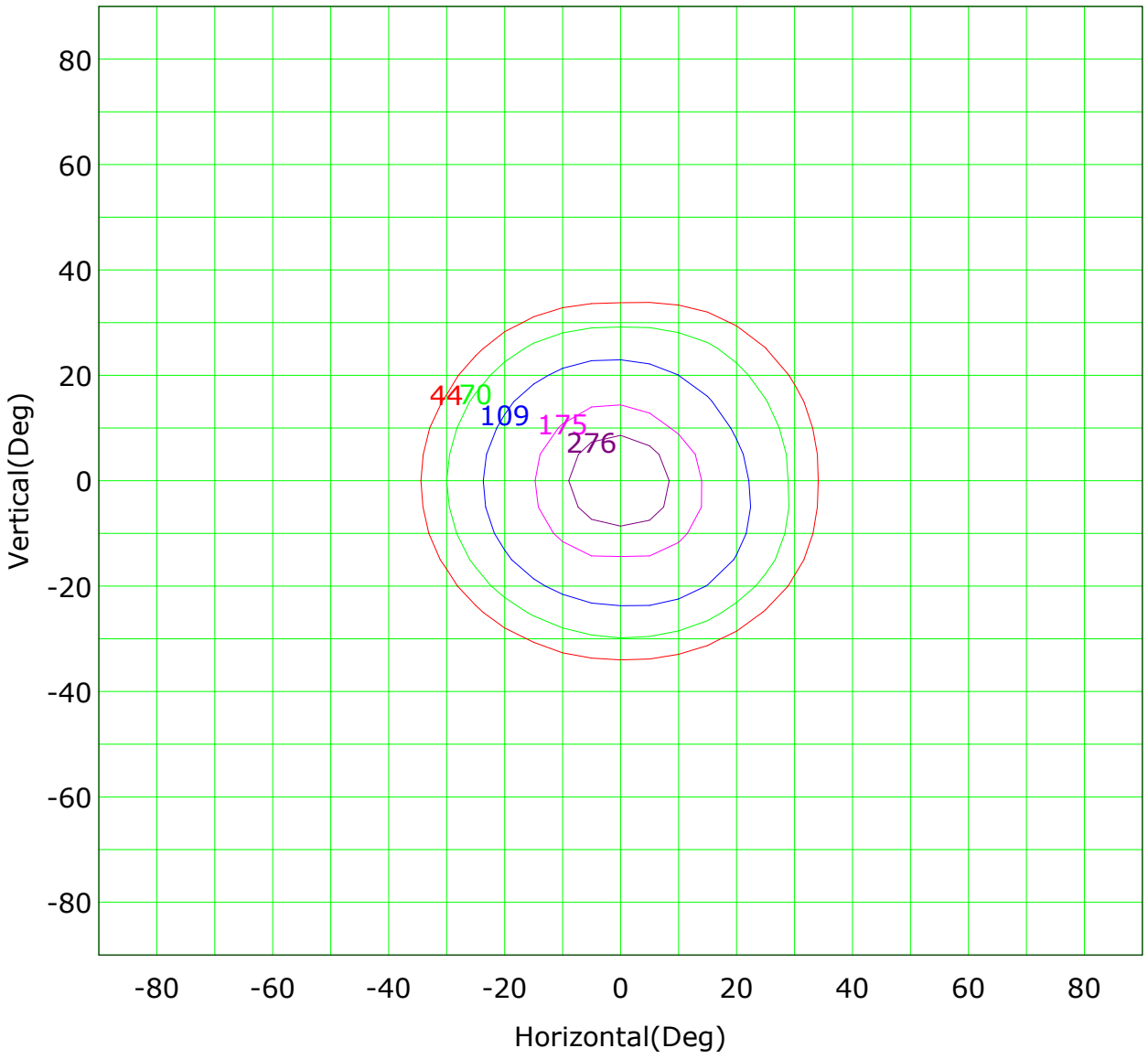
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Isocandela (rectangle)

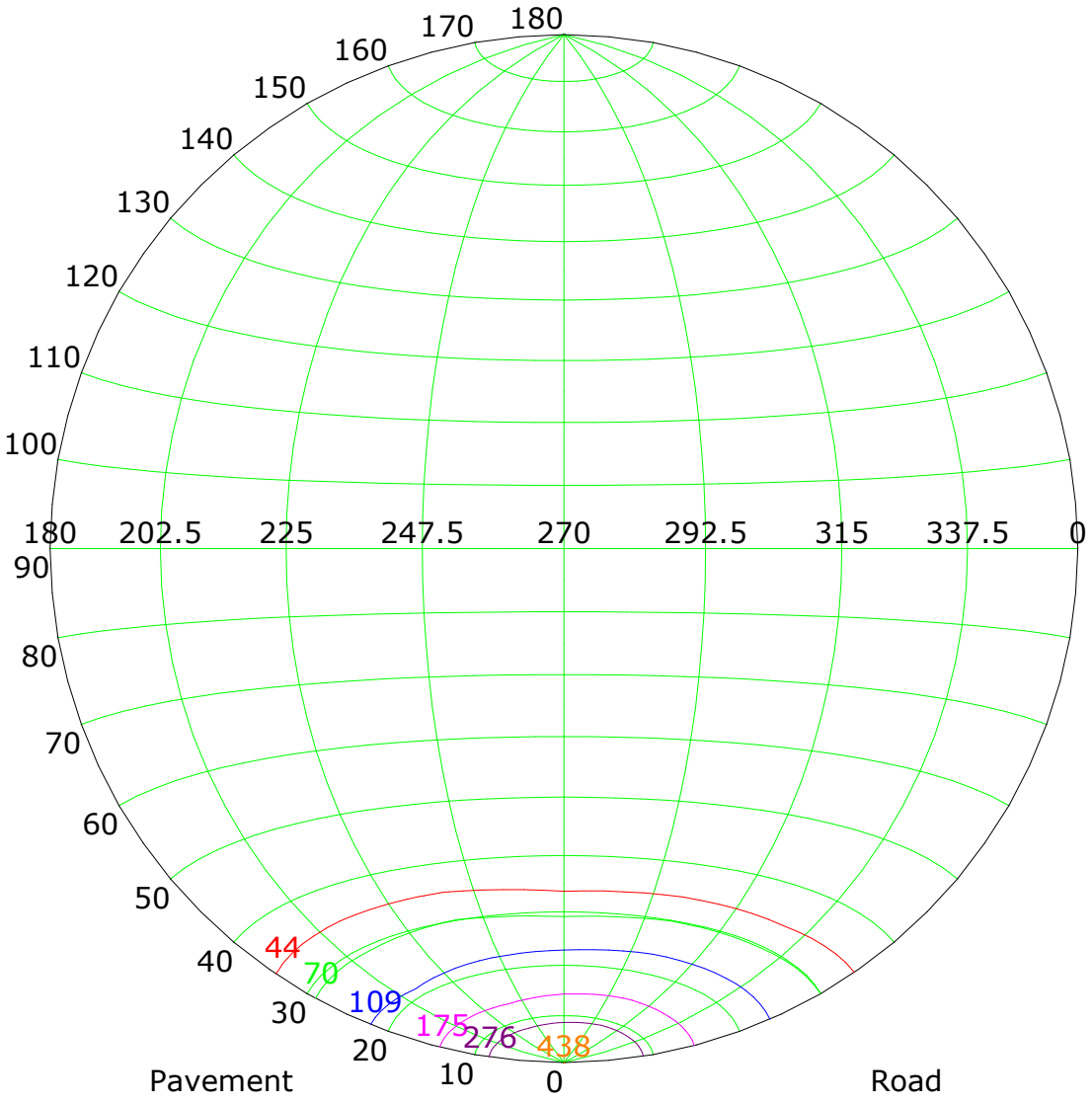


(10%): 44 cd
(16%): 70 cd
(25%): 109 cd
(40%): 175 cd
(63%): 276 cd
(100%): 438 cd

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Isocandela (sphere)



Imax (100%): 438 cd

(10%): 44 cd	(16%): 70 cd
(25%): 109 cd	(40%): 175 cd
(63%): 276 cd	(100%): 438 cd

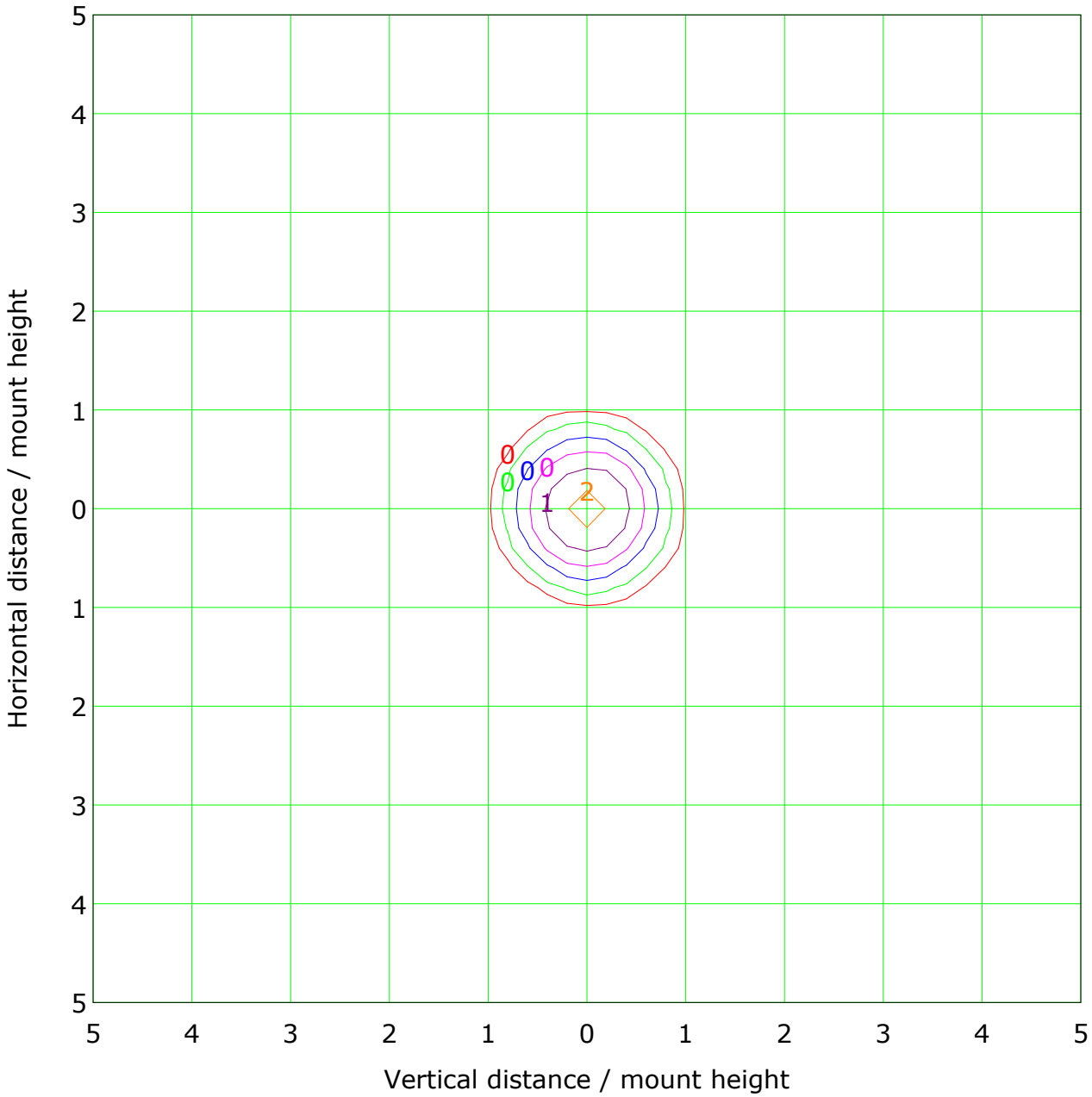
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 1.708 cd/klm

IES: Cut-off
Max.At80: 1.952 cd/klm
Max.80-90: 1.952 cd/klm

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

IsoLux Plot



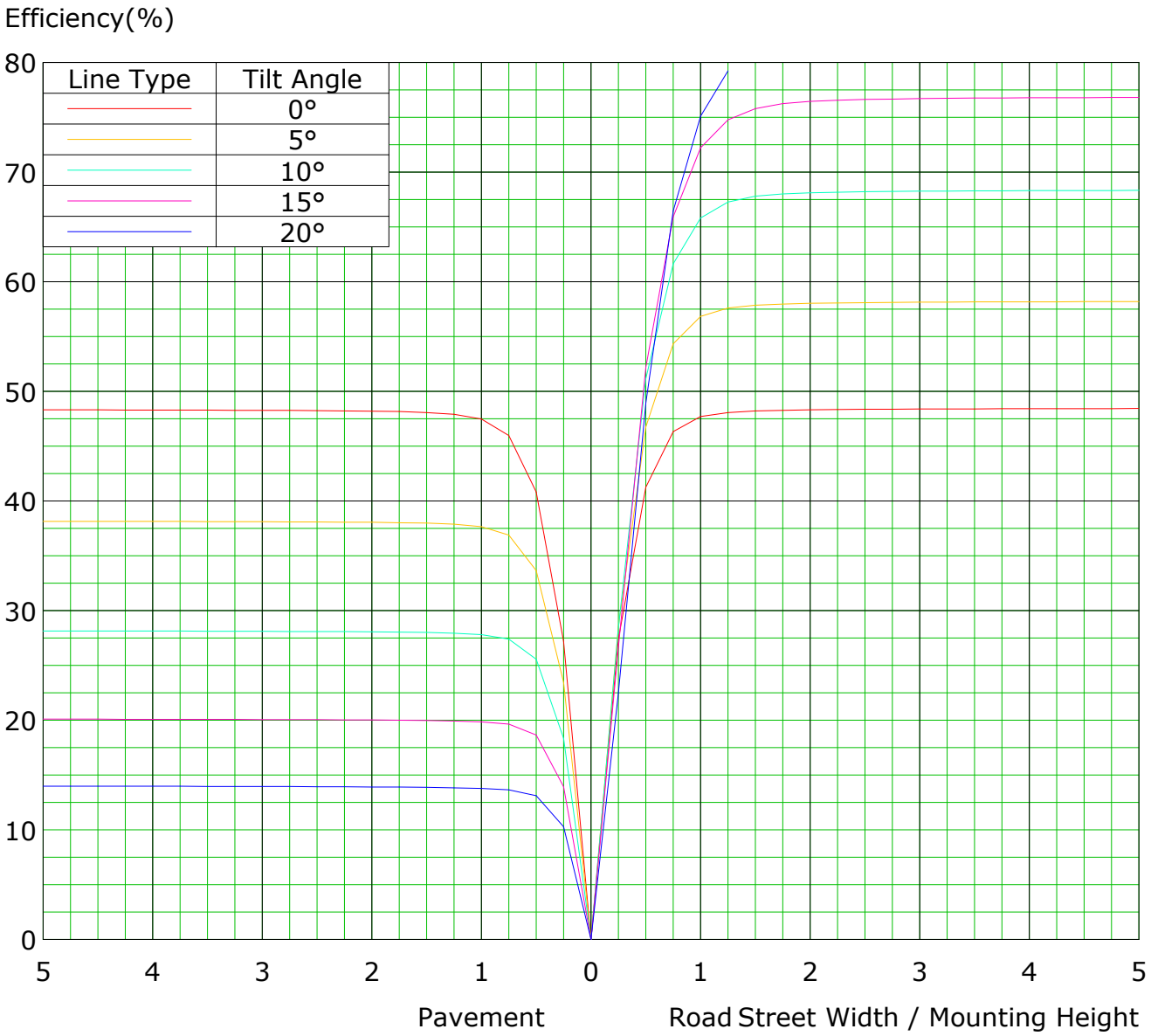
Mounting Height: 10.0m Max Lux(100%): 4.4 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.2 lx	(10%): 0.4 lx
(20%): 0.9 lx	(50%): 2.2 lx
(100%): 4.4 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Roadway CU Curve

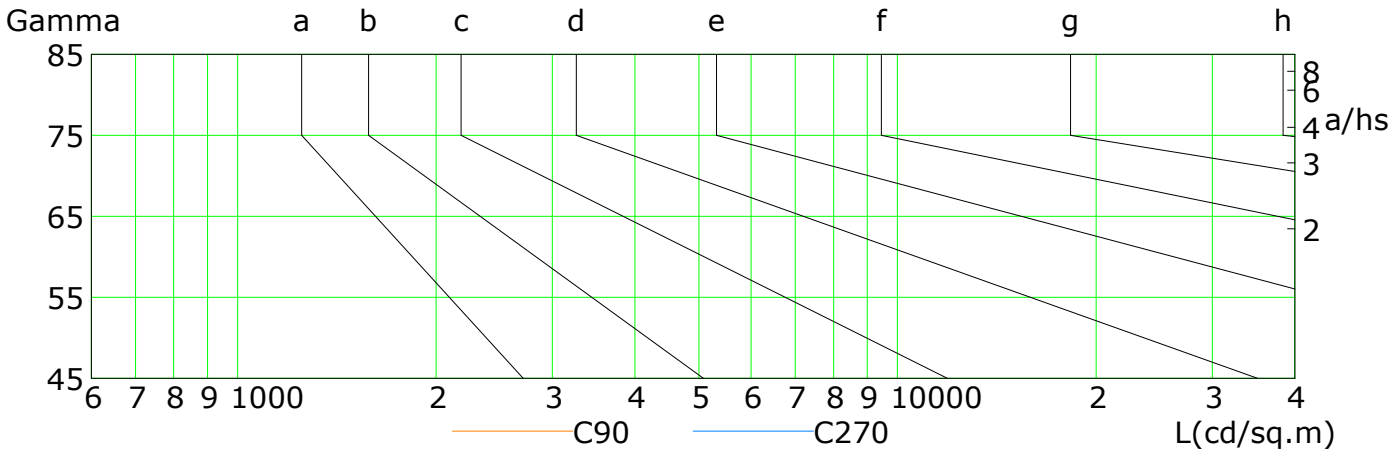


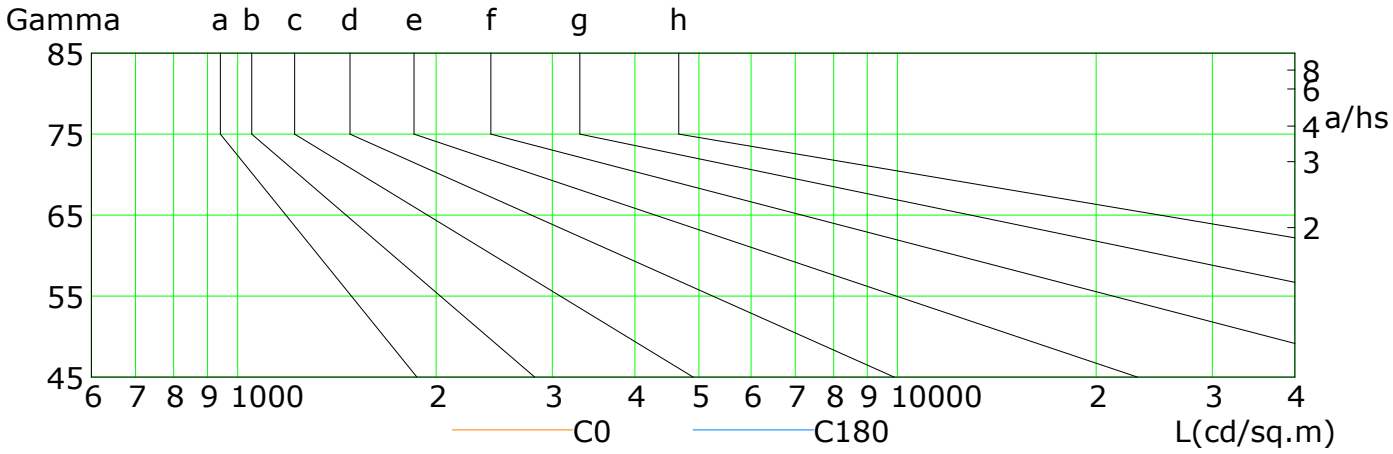
C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
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



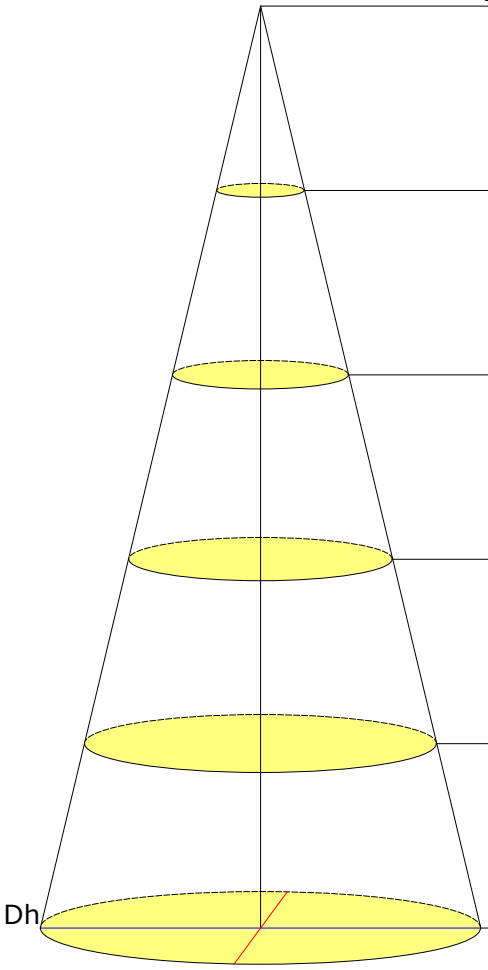


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	10	3	2	1	1	0	0	0	0
C90	10	3	2	1	1	0	0	0	0
C180	10	4	2	1	1	0	0	0	0
C270	10	4	2	1	1	0	0	0	0

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Illuminance at a Distance



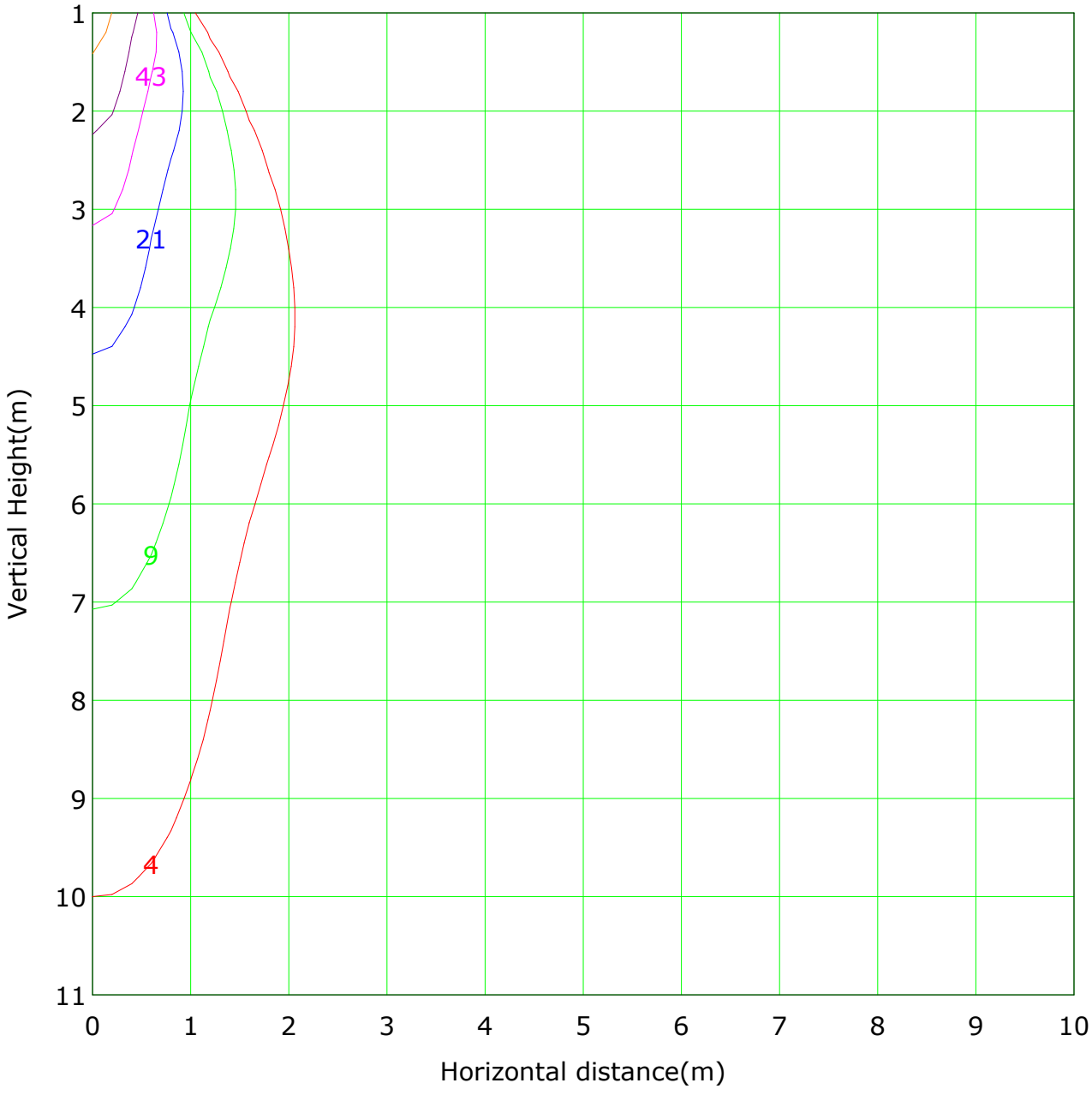
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
10.0	4.30	4.01/3.96	12.8	2.78
20.0	1.07	8.02/7.92	51.2	0.70
30.0	0.48	12.03/11.88	115.2	0.31
40.0	0.27	16.04/15.84	204.9	0.17
50.0	0.17	20.05/19.79	320.1	0.11

Beam Angle(B): H22.7 V22.4 Field Angle(F): H68.8 V67.6

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 429.5 lx

(1%): 4.3 lx
(2%): 8.6 lx
(5%): 21.5 lx
(10%): 43.0 lx
(20%): 85.9 lx
(50%): 214.8 lx
(100%): 429.5 lx

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Area Flux Table

Unit: lm

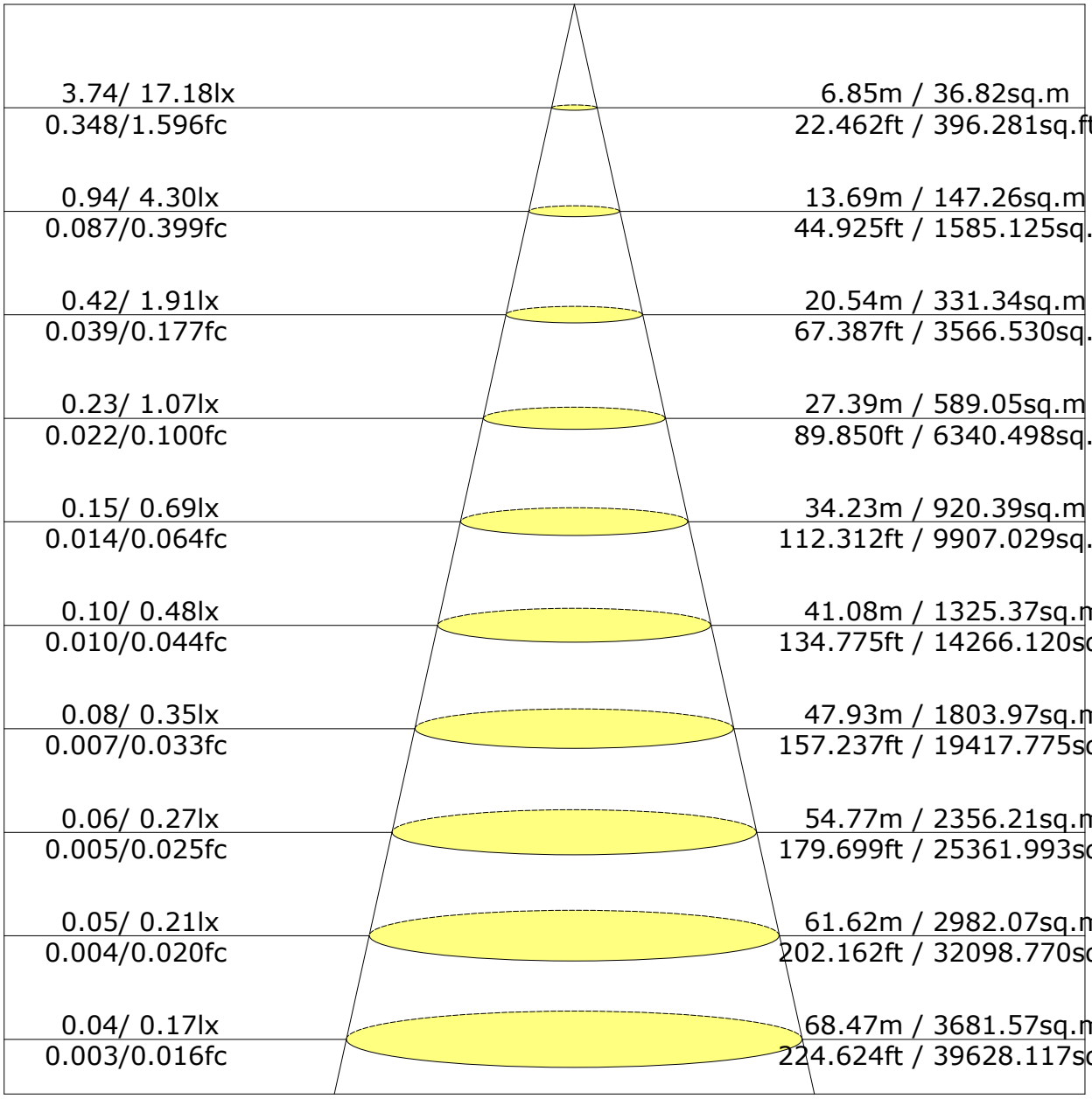
Horizontal plane	Vertical plane																							Flux(E)
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	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	0.3	0.0
-50	0.0	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	0.0	0.0	0.0	1.3	0.0
-40	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.0	1.0	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	5.0	1.4
-30	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.2	2.2	2.6	2.4	2.0	1.2	0.5	0.1	0.0	0.0	0.0	0.0	12.9	10.5
-20	0.0	0.0	0.0	0.0	0.1	0.3	0.9	2.3	3.8	4.8	4.5	3.3	2.2	0.9	0.2	0.0	0.0	0.0	0.0	23.4	21.3
-10	0.0	0.0	0.0	0.0	0.1	0.3	1.2	3.0	5.1	9.2	8.9	4.7	2.8	1.2	0.3	0.0	0.0	0.0	0.0	36.9	34.9
0	0.0	0.0	0.0	0.0	0.1	0.3	1.2	2.9	5.1	9.2	9.2	5.0	2.9	1.1	0.3	0.0	0.0	0.0	0.0	37.4	35.4
10	0.0	0.0	0.0	0.0	0.1	0.3	0.8	2.2	3.7	4.9	4.8	3.6	2.2	0.8	0.2	0.0	0.0	0.0	0.0	23.8	21.7
20	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.1	2.1	2.7	2.7	2.1	1.1	0.4	0.1	0.0	0.0	0.0	0.0	13.0	10.5
30	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	4.7	1.3
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	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	0.3	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	0.1	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	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	0.0
90	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161	137
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	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(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

The Average Illuminance Effective Figure

Flux Out: 137.87lm



Height	Avg./Nadir. E	Beam Angle:68.8°	Diameter / Area
5.0m 16.404ft	3.74/ 17.18lx 0.348/1.596fc		6.85m / 36.82sq.m 22.462ft / 396.281sq.ft
10.0m 32.808ft	0.94/ 4.30lx 0.087/0.399fc		13.69m / 147.26sq.m 44.925ft / 1585.125sq.ft
15.0m 49.213ft	0.42/ 1.91lx 0.039/0.177fc		20.54m / 331.34sq.m 67.387ft / 3566.530sq.ft
20.0m 65.617ft	0.23/ 1.07lx 0.022/0.100fc		27.39m / 589.05sq.m 89.850ft / 6340.498sq.ft
25.0m 82.021ft	0.15/ 0.69lx 0.014/0.064fc		34.23m / 920.39sq.m 112.312ft / 9907.029sq.ft
30.0m 98.425ft	0.10/ 0.48lx 0.010/0.044fc		41.08m / 1325.37sq.m 134.775ft / 14266.120sq.ft
35.0m 114.829ft	0.08/ 0.35lx 0.007/0.033fc		47.93m / 1803.97sq.m 157.237ft / 19417.775sq.ft
40.0m 131.234ft	0.06/ 0.27lx 0.005/0.025fc		54.77m / 2356.21sq.m 179.699ft / 25361.993sq.ft
45.0m 147.638ft	0.05/ 0.21lx 0.004/0.020fc		61.62m / 2982.07sq.m 202.162ft / 32098.770sq.ft
50.0m 164.042ft	0.04/ 0.17lx 0.003/0.016fc		68.47m / 3681.57sq.m 224.624ft / 39628.117sq.ft

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

UGR Table

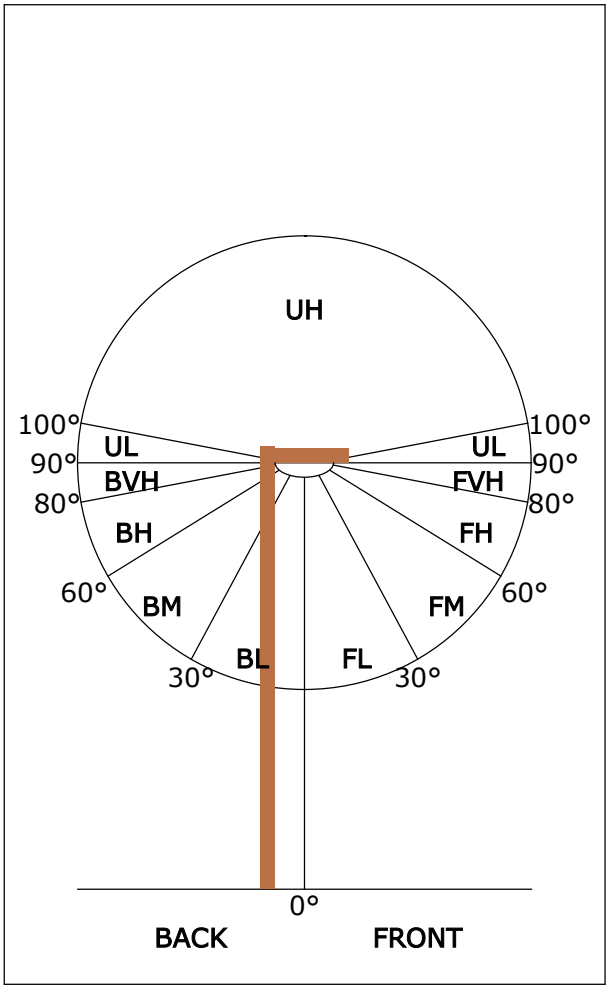
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
4H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
6H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
8H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
12H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
X=4H Y=2H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
4H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
6H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
8H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
12H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
X=8H Y=4H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
6H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
8H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
12H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
X=12H Y=4H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
6H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
8H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$

Calculate in accordance with CIE 190:2010 The table is revised with 164lm (8log(F/F0) = -6.3).

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



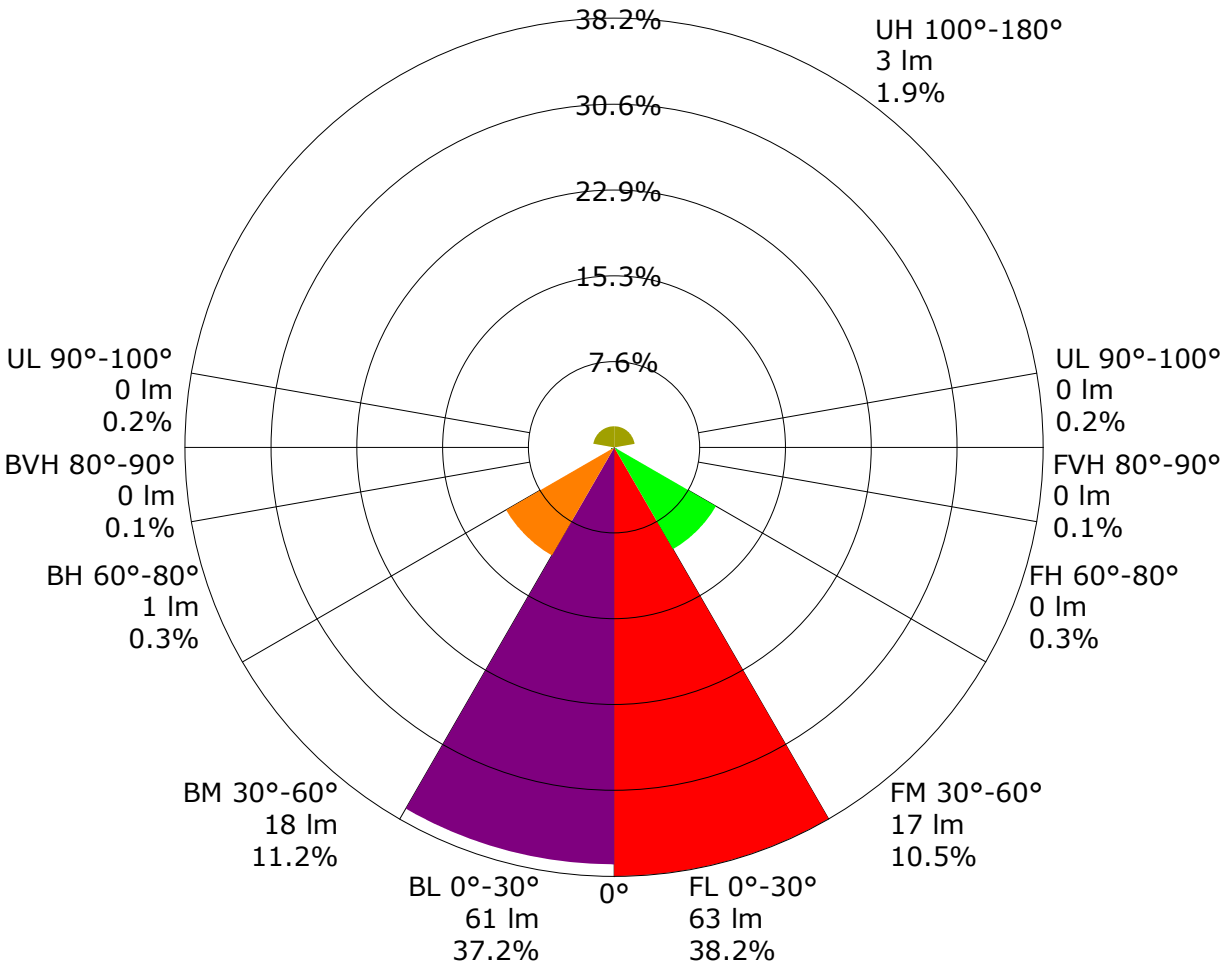
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	81	49.2
FL (0°-30°)	63	38.2
FM (30°-60°)	17	10.5
FH (60°-80°)	0	0.3
FVH (80°-90°)	0	0.1
BACK LIGHT	80	48.8
BL (0°-30°)	61	37.2
BM (30°-60°)	18	11.2
BH (60°-80°)	1	0.3
BVH (80°-90°)	0	0.1
UP LIGHT	3	2.1
UL (90°-100°)	0	0.2
UH (100°-180°)	3	1.9
TRAPPED LIGHT	NA	NA

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

LCS Graph



Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75								
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	0.87	0.93	0.97	1.00	1.04	1.07	1.09	1.11	1.12
	0.30		0.82	0.89	0.93	0.97	1.01	1.04	1.06	1.09	1.10
	0.20		0.79	0.86	0.90	0.94	0.98	1.01	1.04	1.07	1.09
0.50	0.50	0.20	0.85	0.91	0.95	0.98	1.01	1.03	1.05	1.07	1.08
	0.30		0.81	0.88	0.92	0.95	0.98	1.01	1.03	1.05	1.06
	0.20		0.78	0.85	0.89	0.92	0.96	0.99	1.01	1.03	1.05
0.30	0.50	0.20	0.84	0.90	0.93	0.95	0.98	1.00	1.01	1.03	1.04
	0.30		0.81	0.86	0.90	0.93	0.96	0.98	1.00	1.01	1.03
	0.20		0.78	0.84	0.88	0.90	0.94	0.96	0.98	1.00	1.02
0.00	0.00	0.00	0.76	0.82	0.85	0.88	0.91	0.92	0.94	0.95	0.96

Rating:2W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75								
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	0.57	0.46	0.39	0.33	0.26	0.22	0.19	0.14	0.12
	0.30		0.48	0.39	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.41	0.34	0.30	0.26	0.22	0.18	0.16	0.13	0.11
0.50	0.50	0.20	0.54	0.43	0.36	0.31	0.24	0.24	0.17	0.13	0.10
	0.30		0.46	0.37	0.32	0.28	0.22	0.18	0.16	0.12	0.10
	0.20		0.40	0.33	0.29	0.25	0.20	0.17	0.15	0.12	0.10
0.30	0.50	0.20	0.51	0.40	0.34	0.29	0.22	0.18	0.15	0.12	0.10
	0.30		0.44	0.36	0.30	0.26	0.20	0.17	0.14	0.11	0.09
	0.20		0.38	0.32	0.27	0.24	0.19	0.16	0.14	0.11	0.09
0.00	0.00	0.00	0.24	0.19	0.15	0.13	0.10	0.08	0.07	0.05	0.04

Rating:2W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
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	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20
0.50	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20
0.30	0.50	0.20	0.14	0.15	0.17	0.17	0.19	0.19	0.20	0.21	0.21
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.20
	0.20		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Rating:2W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	431.5	0.4	0.4	0.25	0.25
1.0-2.0	426.2	1.2	1.6	0.75	1.00
2.0-3.0	415.8	2.0	3.6	1.21	2.21
3.0-4.0	400.5	2.7	6.3	1.63	3.84
4.0-5.0	380.7	3.3	9.6	2.00	5.84
5.0-6.0	357.2	3.8	13.3	2.29	8.13
6.0-7.0	331.5	4.1	17.5	2.51	10.63
7.0-8.0	305.2	4.4	21.8	2.66	13.29
8.0-9.0	279.2	4.5	26.3	2.76	16.05
9.0-10.0	254.8	4.6	31.0	2.81	18.86
10.0-11.0	233.2	4.7	35.6	2.84	21.70
11.0-12.0	214.7	4.7	40.3	2.86	24.56
12.0-13.0	198.8	4.7	45.0	2.87	27.43
13.0-14.0	185.2	4.7	49.8	2.89	30.32
14.0-15.0	173.7	4.8	54.5	2.91	33.23
15.0-16.0	163.5	4.8	59.3	2.92	36.15
16.0-17.0	154.6	4.8	64.1	2.93	39.08
17.0-18.0	146.8	4.8	69.0	2.95	42.03
18.0-19.0	139.7	4.9	73.8	2.96	44.99
19.0-20.0	133.2	4.9	78.7	2.97	47.96
20.0-21.0	126.8	4.9	83.6	2.97	50.93
21.0-22.0	120.5	4.8	88.4	2.95	53.88
22.0-23.0	114.5	4.8	93.2	2.93	56.81
23.0-24.0	108.6	4.7	98.0	2.89	59.70
24.0-25.0	102.7	4.7	102.7	2.84	62.54
25.0-26.0	96.6	4.6	107.2	2.78	65.32
26.0-27.0	90.4	4.4	111.6	2.70	68.02
27.0-28.0	84.1	4.3	115.9	2.59	70.61
28.0-29.0	77.7	4.1	120.0	2.48	73.09
29.0-30.0	71.4	3.9	123.8	2.35	75.44
30.0-31.0	65.1	3.6	127.4	2.21	77.65
31.0-32.0	58.9	3.4	130.8	2.06	79.70
32.0-33.0	52.9	3.1	133.9	1.90	81.60
33.0-34.0	47.3	2.9	136.8	1.75	83.35
34.0-35.0	42.0	2.6	139.4	1.59	84.94
35.0-36.0	37.1	2.4	141.8	1.44	86.38

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	32.6	2.1	143.9	1.29	87.67
37.0-38.0	28.5	1.9	145.8	1.16	88.83
38.0-39.0	24.9	1.7	147.5	1.04	89.87
39.0-40.0	21.7	1.5	149.0	0.92	90.79
40.0-41.0	19.0	1.4	150.4	0.83	91.62
41.0-42.0	16.6	1.2	151.6	0.74	92.35
42.0-43.0	14.6	1.1	152.7	0.66	93.01
43.0-44.0	12.8	1.0	153.6	0.59	93.60
44.0-45.0	11.2	0.9	154.5	0.53	94.13
45.0-46.0	9.9	0.8	155.3	0.47	94.60
46.0-47.0	8.7	0.7	155.9	0.42	95.02
47.0-48.0	7.6	0.6	156.6	0.38	95.39
48.0-49.0	6.3	0.5	157.1	0.31	95.71
49.0-50.0	4.6	0.4	157.5	0.23	95.94
50.0-51.0	3.5	0.3	157.8	0.18	96.12
51.0-52.0	3.0	0.3	158.0	0.16	96.28
52.0-53.0	2.8	0.2	158.3	0.15	96.43
53.0-54.0	2.5	0.2	158.5	0.14	96.56
54.0-55.0	2.3	0.2	158.7	0.13	96.69
55.0-56.0	2.1	0.2	158.9	0.12	96.80
56.0-57.0	1.9	0.2	159.1	0.11	96.91
57.0-58.0	1.6	0.2	159.2	0.09	97.00
58.0-59.0	1.4	0.1	159.3	0.08	97.08
59.0-60.0	1.1	0.1	159.4	0.07	97.15
60.0-61.0	1.0	0.1	159.5	0.06	97.20
61.0-62.0	0.9	0.1	159.6	0.05	97.25
62.0-63.0	0.8	0.1	159.7	0.05	97.30
63.0-64.0	0.7	0.1	159.8	0.04	97.35
64.0-65.0	0.7	0.1	159.8	0.04	97.39
65.0-66.0	0.6	0.1	159.9	0.04	97.43
66.0-67.0	0.6	0.1	160.0	0.03	97.46
67.0-68.0	0.5	0.1	160.0	0.03	97.49
68.0-69.0	0.5	0.0	160.1	0.03	97.52
69.0-70.0	0.4	0.0	160.1	0.03	97.55
70.0-71.0	0.4	0.0	160.2	0.03	97.58
71.0-72.0	0.4	0.0	160.2	0.02	97.60

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	0.4	0.0	160.2	0.02	97.63
73.0-74.0	0.4	0.0	160.3	0.02	97.65
74.0-75.0	0.3	0.0	160.3	0.02	97.67
75.0-76.0	0.3	0.0	160.3	0.02	97.69
76.0-77.0	0.3	0.0	160.4	0.02	97.71
77.0-78.0	0.3	0.0	160.4	0.02	97.73
78.0-79.0	0.3	0.0	160.4	0.02	97.75
79.0-80.0	0.3	0.0	160.5	0.02	97.77
80.0-81.0	0.3	0.0	160.5	0.02	97.79
81.0-82.0	0.3	0.0	160.5	0.02	97.80
82.0-83.0	0.3	0.0	160.6	0.02	97.82
83.0-84.0	0.3	0.0	160.6	0.02	97.84
84.0-85.0	0.3	0.0	160.6	0.02	97.86
85.0-86.0	0.3	0.0	160.6	0.02	97.87
86.0-87.0	0.3	0.0	160.7	0.02	97.89
87.0-88.0	0.3	0.0	160.7	0.02	97.91
88.0-89.0	0.2	0.0	160.7	0.02	97.92
89.0-90.0	0.3	0.0	160.7	0.02	97.94
90.0-91.0	0.3	0.0	160.8	0.02	97.96
91.0-92.0	0.3	0.0	160.8	0.02	97.97
92.0-93.0	0.3	0.0	160.8	0.02	97.99
93.0-94.0	0.3	0.0	160.9	0.02	98.01
94.0-95.0	0.3	0.0	160.9	0.02	98.02
95.0-96.0	0.3	0.0	160.9	0.02	98.04
96.0-97.0	0.3	0.0	160.9	0.02	98.06
97.0-98.0	0.3	0.0	161.0	0.02	98.08
98.0-99.0	0.3	0.0	161.0	0.02	98.09
99.0-100.0	0.3	0.0	161.0	0.02	98.11
100.0-101.0	0.3	0.0	161.1	0.02	98.13
101.0-102.0	0.3	0.0	161.1	0.02	98.14
102.0-103.0	0.3	0.0	161.1	0.02	98.16
103.0-104.0	0.3	0.0	161.1	0.02	98.18
104.0-105.0	0.3	0.0	161.2	0.02	98.20
105.0-106.0	0.3	0.0	161.2	0.02	98.21
106.0-107.0	0.3	0.0	161.2	0.02	98.23
107.0-108.0	0.3	0.0	161.2	0.02	98.25

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.3	0.0	161.3	0.02	98.26
109.0-110.0	0.3	0.0	161.3	0.02	98.28
110.0-111.0	0.3	0.0	161.3	0.02	98.30
111.0-112.0	0.3	0.0	161.4	0.02	98.31
112.0-113.0	0.3	0.0	161.4	0.02	98.33
113.0-114.0	0.3	0.0	161.4	0.02	98.35
114.0-115.0	0.3	0.0	161.4	0.02	98.37
115.0-116.0	0.3	0.0	161.5	0.02	98.38
116.0-117.0	0.3	0.0	161.5	0.02	98.40
117.0-118.0	0.3	0.0	161.5	0.02	98.42
118.0-119.0	0.3	0.0	161.6	0.02	98.44
119.0-120.0	0.3	0.0	161.6	0.02	98.45
120.0-121.0	0.3	0.0	161.6	0.02	98.47
121.0-122.0	0.3	0.0	161.6	0.02	98.49
122.0-123.0	0.3	0.0	161.7	0.02	98.51
123.0-124.0	0.3	0.0	161.7	0.02	98.53
124.0-125.0	0.4	0.0	161.7	0.02	98.55
125.0-126.0	0.4	0.0	161.8	0.02	98.57
126.0-127.0	0.4	0.0	161.8	0.02	98.59
127.0-128.0	0.4	0.0	161.8	0.02	98.61
128.0-129.0	0.4	0.0	161.9	0.02	98.63
129.0-130.0	0.4	0.0	161.9	0.02	98.65
130.0-131.0	0.4	0.0	162.0	0.02	98.67
131.0-132.0	0.5	0.0	162.0	0.02	98.70
132.0-133.0	0.5	0.0	162.0	0.02	98.72
133.0-134.0	0.5	0.0	162.1	0.02	98.74
134.0-135.0	0.5	0.0	162.1	0.02	98.77
135.0-136.0	0.5	0.0	162.1	0.03	98.79
136.0-137.0	0.6	0.0	162.2	0.03	98.82
137.0-138.0	0.6	0.0	162.2	0.03	98.85
138.0-139.0	0.6	0.0	162.3	0.03	98.87
139.0-140.0	0.7	0.0	162.3	0.03	98.90
140.0-141.0	0.7	0.0	162.4	0.03	98.93
141.0-142.0	0.7	0.0	162.4	0.03	98.96
142.0-143.0	0.7	0.0	162.5	0.03	98.99
143.0-144.0	0.8	0.1	162.5	0.03	99.02

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.8	0.1	162.6	0.03	99.05
145.0-146.0	0.9	0.1	162.6	0.03	99.09
146.0-147.0	0.9	0.1	162.7	0.03	99.12
147.0-148.0	0.9	0.1	162.7	0.03	99.15
148.0-149.0	1.0	0.1	162.8	0.03	99.19
149.0-150.0	1.0	0.1	162.9	0.04	99.22
150.0-151.0	1.1	0.1	162.9	0.04	99.26
151.0-152.0	1.1	0.1	163.0	0.04	99.30
152.0-153.0	1.2	0.1	163.0	0.04	99.33
153.0-154.0	1.2	0.1	163.1	0.04	99.37
154.0-155.0	1.3	0.1	163.2	0.04	99.41
155.0-156.0	1.3	0.1	163.2	0.04	99.44
156.0-157.0	1.4	0.1	163.3	0.04	99.48
157.0-158.0	1.4	0.1	163.3	0.04	99.52
158.0-159.0	1.5	0.1	163.4	0.04	99.56
159.0-160.0	1.5	0.1	163.5	0.04	99.59
160.0-161.0	1.6	0.1	163.5	0.04	99.63
161.0-162.0	1.6	0.1	163.6	0.03	99.66
162.0-163.0	1.7	0.1	163.6	0.03	99.69
163.0-164.0	1.7	0.1	163.7	0.03	99.73
164.0-165.0	1.7	0.1	163.7	0.03	99.76
165.0-166.0	1.8	0.0	163.8	0.03	99.79
166.0-167.0	1.8	0.0	163.8	0.03	99.81
167.0-168.0	1.8	0.0	163.9	0.03	99.84
168.0-169.0	1.8	0.0	163.9	0.02	99.86
169.0-170.0	1.9	0.0	163.9	0.02	99.89
170.0-171.0	1.9	0.0	164.0	0.02	99.91
171.0-172.0	1.9	0.0	164.0	0.02	99.93
172.0-173.0	1.9	0.0	164.0	0.02	99.94
173.0-174.0	1.9	0.0	164.1	0.01	99.96
174.0-175.0	2.0	0.0	164.1	0.01	99.97
175.0-176.0	2.0	0.0	164.1	0.01	99.98
176.0-177.0	2.0	0.0	164.1	0.01	99.99
177.0-178.0	2.0	0.0	164.1	0.01	100.00
178.0-179.0	2.0	0.0	164.1	0.00	100.00
179.0-180.0	2.0	0.0	164.1	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 154.49 lm

%lum = 94.1%
%lamp = 94.1%

cone flux(120°): 159.44 lm

%lum = 97.1%
%lamp = 97.1%

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0
G0.0	429.5	430.0	430.2	434.4	435.8	437.5	429.5	430.0	430.2
G1.0	428.7	427.4	427.1	430.7	432.2	435.0	426.0	427.0	427.5
G2.0	422.6	420.5	419.4	422.0	422.9	426.2	416.1	419.0	420.2
G3.0	411.6	407.3	407.7	408.2	410.8	413.0	402.3	405.0	406.7
G4.0	395.3	390.2	391.4	391.2	393.9	396.5	384.2	385.6	386.5
G5.0	374.7	369.6	369.1	369.7	373.1	374.2	362.2	361.1	364.6
G6.0	349.5	346.3	345.6	345.2	347.4	351.0	334.9	335.5	338.9
G7.0	325.1	319.4	321.4	316.6	322.5	326.1	308.7	309.2	311.1
G8.0	300.1	295.2	294.7	290.9	297.7	300.2	283.0	283.1	279.9
G9.0	272.3	271.5	271.8	266.4	272.1	272.9	258.8	255.8	252.4
G10.0	247.9	247.4	250.6	241.4	251.4	250.4	234.6	233.1	228.3
G11.0	226.5	228.6	232.6	221.3	233.3	230.9	215.3	213.1	205.3
G12.0	208.3	212.2	215.7	204.4	216.0	212.6	198.8	195.7	188.5
G13.0	192.5	196.7	202.6	188.7	202.1	198.2	184.7	179.3	175.3
G14.0	180.5	184.8	190.4	176.5	190.0	186.0	171.2	166.3	163.6
G15.0	170.4	174.2	178.5	166.2	179.2	174.3	160.4	155.1	154.6
G16.0	160.3	164.9	168.7	157.2	168.8	165.1	150.8	144.3	146.9
G17.0	152.3	156.1	159.9	148.8	160.5	156.6	141.9	135.5	139.8
G18.0	145.1	148.9	150.7	142.5	153.3	148.4	135.1	128.4	132.5
G19.0	138.6	141.8	142.5	136.7	146.0	141.6	128.7	122.3	127.2
G20.0	131.5	135.1	134.9	131.1	139.6	135.3	122.6	116.2	122.0
G21.0	125.0	128.0	127.9	125.1	133.4	129.4	115.8	110.6	116.7
G22.0	119.0	121.8	120.8	119.8	127.3	123.0	110.0	105.1	110.5
G23.0	112.9	115.7	114.5	114.4	120.5	117.4	104.0	100.0	105.3
G24.0	107.2	109.6	107.8	108.8	114.3	111.5	97.4	94.6	100.5
G25.0	101.1	102.5	101.1	102.3	108.0	105.5	91.7	89.7	95.2
G26.0	95.2	95.6	93.7	96.2	101.2	98.8	86.2	85.1	90.2
G27.0	88.4	88.8	86.8	89.6	93.3	92.5	80.8	80.2	85.5
G28.0	82.2	81.4	79.9	82.2	85.9	86.0	74.8	75.6	80.8
G29.0	75.8	74.6	73.0	75.6	78.5	79.4	69.3	71.0	75.5
G30.0	69.8	67.9	65.6	68.9	71.4	72.3	64.1	66.2	70.5
G31.0	63.1	61.6	59.3	62.3	63.8	66.0	59.1	61.0	65.3
G32.0	57.2	54.8	53.2	55.1	57.3	59.6	53.7	56.4	59.9
G33.0	51.4	49.0	47.6	48.9	51.0	53.4	48.8	51.9	54.2
G34.0	46.0	43.5	41.9	43.2	45.1	46.9	44.2	47.4	49.1
G35.0	40.4	38.4	37.4	37.9	39.2	41.4	39.3	42.6	44.1
G36.0	35.7	33.5	33.3	32.7	34.3	36.3	34.9	38.3	39.1

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0
G37.0	31.2	29.5	29.8	28.6	30.1	31.7	30.9	34.1	34.0
G38.0	27.3	26.1	26.4	25.1	26.5	27.3	27.2	30.2	29.6
G39.0	23.6	23.0	23.7	22.2	23.0	23.8	23.7	26.3	25.5
G40.0	20.6	20.5	21.2	19.7	20.4	20.7	20.7	23.1	21.5
G41.0	18.1	17.8	19.0	17.2	18.1	18.3	18.2	20.4	18.4
G42.0	15.8	15.7	16.9	15.3	15.9	15.9	15.9	17.7	15.7
G43.0	13.7	13.9	15.1	13.6	14.2	14.1	13.7	15.6	13.5
G44.0	12.0	12.2	13.6	11.9	12.6	12.6	11.9	13.7	11.4
G45.0	10.4	10.8	12.0	10.5	11.3	11.2	10.4	12.0	9.9
G46.0	9.2	9.8	10.7	9.3	10.0	10.0	9.1	10.3	8.5
G47.0	8.1	8.6	9.6	8.2	9.0	8.8	7.9	9.1	7.4
G48.0	7.2	7.6	8.4	7.1	7.9	7.9	7.0	8.0	6.5
G49.0	4.6	5.0	5.8	5.0	7.0	7.0	5.2	6.4	5.2
G50.0	3.4	3.3	3.8	3.5	4.3	5.4	3.7	4.6	3.7
G51.0	3.1	2.9	3.2	3.1	3.2	3.4	3.3	4.1	3.3
G52.0	2.9	2.6	2.9	2.9	2.9	3.0	3.0	3.7	3.0
G53.0	2.7	2.4	2.7	2.6	2.6	2.7	2.8	3.3	2.7
G54.0	2.5	2.3	2.5	2.4	2.4	2.5	2.5	3.0	2.4
G55.0	2.3	2.1	2.3	2.2	2.2	2.3	2.3	2.8	2.2
G56.0	2.1	1.9	1.9	2.0	2.0	2.1	2.1	2.5	2.1
G57.0	1.9	1.6	1.6	1.8	1.7	1.9	1.8	2.3	1.9
G58.0	1.6	1.3	1.2	1.4	1.4	1.6	1.5	1.9	1.7
G59.0	1.4	1.1	1.0	1.2	1.1	1.4	1.2	1.6	1.5
G60.0	1.2	1.0	0.9	1.0	1.0	1.1	1.1	1.4	1.2
G61.0	1.0	0.9	0.9	1.0	0.9	1.0	1.0	1.2	1.0
G62.0	0.9	0.8	0.8	0.9	0.8	0.9	0.9	1.1	0.9
G63.0	0.9	0.7	0.7	0.8	0.7	0.8	0.8	1.0	0.9
G64.0	0.8	0.7	0.6	0.7	0.6	0.8	0.7	0.9	0.8
G65.0	0.7	0.6	0.6	0.7	0.6	0.7	0.7	0.8	0.7
G66.0	0.7	0.6	0.5	0.6	0.5	0.6	0.6	0.7	0.7
G67.0	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
G68.0	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
G69.0	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
G70.0	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.5
G71.0	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
G72.0	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0
G73.0	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4
G74.0	0.4	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.4
G75.0	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4
G76.0	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
G77.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G78.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G79.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G80.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G81.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G82.0	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3
G83.0	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3
G84.0	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.3
G85.0	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3
G86.0	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G87.0	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G88.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G89.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.2
G90.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G91.0	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.3
G92.0	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3
G93.0	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3
G94.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G95.0	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3
G96.0	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G97.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G98.0	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G99.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G100.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G101.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G102.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G103.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G104.0	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3
G105.0	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3
G106.0	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G107.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G108.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0
G109.0	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3
G110.0	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G111.0	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G112.0	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3
G113.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G114.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G115.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G116.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
G117.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G118.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
G119.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G120.0	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4
G121.0	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3	0.4
G122.0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
G123.0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
G124.0	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
G125.0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
G126.0	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.4
G127.0	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5
G128.0	0.3	0.3	0.4	0.4	0.3	0.3	0.5	0.5	0.5
G129.0	0.4	0.4	0.4	0.4	0.3	0.3	0.5	0.5	0.5
G130.0	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5
G131.0	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.5
G132.0	0.4	0.4	0.4	0.4	0.3	0.4	0.6	0.5	0.6
G133.0	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6
G134.0	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6
G135.0	0.4	0.4	0.4	0.5	0.4	0.4	0.7	0.6	0.7
G136.0	0.5	0.4	0.5	0.4	0.4	0.4	0.7	0.7	0.7
G137.0	0.5	0.5	0.5	0.5	0.4	0.4	0.7	0.7	0.7
G138.0	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.8
G139.0	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.8
G140.0	0.5	0.5	0.6	0.6	0.5	0.5	0.8	0.8	0.8
G141.0	0.6	0.5	0.6	0.6	0.5	0.6	0.9	0.8	0.9
G142.0	0.6	0.5	0.6	0.6	0.5	0.6	0.9	0.9	0.9
G143.0	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.0
G144.0	0.6	0.6	0.6	0.7	0.6	0.6	1.0	1.0	1.0

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0
G145.0	0.6	0.6	0.7	0.7	0.6	0.7	1.0	1.0	1.1
G146.0	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.1	1.1
G147.0	0.7	0.7	0.7	0.7	0.7	0.7	1.2	1.1	1.1
G148.0	0.7	0.7	0.8	0.8	0.7	0.7	1.2	1.2	1.2
G149.0	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.2	1.2
G150.0	0.8	0.8	0.9	0.9	0.8	0.8	1.3	1.3	1.3
G151.0	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.3	1.4
G152.0	0.9	0.9	0.9	1.0	0.9	0.9	1.4	1.4	1.4
G153.0	1.0	0.9	1.0	1.0	0.9	1.0	1.5	1.5	1.5
G154.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.6
G155.0	1.0	1.0	1.1	1.1	1.1	1.0	1.6	1.6	1.6
G156.0	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.6	1.7
G157.0	1.1	1.2	1.2	1.2	1.1	1.2	1.7	1.7	1.7
G158.0	1.2	1.2	1.2	1.2	1.2	1.2	1.7	1.7	1.7
G159.0	1.2	1.2	1.3	1.3	1.2	1.3	1.8	1.8	1.8
G160.0	1.3	1.3	1.3	1.3	1.3	1.3	1.8	1.8	1.8
G161.0	1.4	1.3	1.4	1.4	1.3	1.4	1.9	1.8	1.8
G162.0	1.4	1.4	1.4	1.4	1.4	1.4	1.9	1.9	1.9
G163.0	1.4	1.4	1.5	1.5	1.4	1.5	1.9	1.9	1.9
G164.0	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.9	1.9
G165.0	1.5	1.5	1.5	1.5	1.5	1.6	2.0	2.0	2.0
G166.0	1.6	1.6	1.6	1.6	1.6	1.6	2.0	2.0	2.0
G167.0	1.6	1.6	1.6	1.7	1.6	1.6	2.0	2.0	2.0
G168.0	1.7	1.7	1.7	1.7	1.7	1.6	2.0	2.0	2.0
G169.0	1.7	1.7	1.7	1.7	1.7	1.7	2.0	2.0	2.0
G170.0	1.7	1.7	1.8	1.8	1.7	1.7	2.0	2.0	2.0
G171.0	1.8	1.8	1.8	1.8	1.7	1.8	2.0	2.0	2.0
G172.0	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.0	2.1
G173.0	1.8	1.8	1.8	1.9	1.8	1.8	2.1	2.0	2.0
G174.0	1.9	1.8	1.9	1.9	1.8	1.8	2.1	2.0	2.0
G175.0	1.9	1.9	1.9	1.9	1.8	1.9	2.1	2.0	2.1
G176.0	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.0	2.0
G177.0	1.9	1.9	1.9	2.0	1.9	1.9	2.0	2.0	2.0
G178.0	2.0	1.9	2.0	2.0	1.9	1.9	2.0	2.0	2.0
G179.0	2.0	1.9	2.0	2.0	1.9	1.9	2.0	2.0	2.0
G180.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 5)

Unit: cd

G\C	C270.0	C300.0	C330.0	C360.0					
G0.0	434.4	435.8	437.5	429.5					
G1.0	431.5	433.5	435.3	428.7					
G2.0	423.0	426.2	428.5	422.6					
G3.0	409.9	412.4	416.5	411.6					
G4.0	392.7	395.6	397.3	395.3					
G5.0	369.1	374.5	374.1	374.7					
G6.0	344.4	350.4	347.7	349.5					
G7.0	317.4	322.3	320.3	325.1					
G8.0	290.6	296.9	292.3	300.1					
G9.0	262.6	272.5	267.9	272.3					
G10.0	239.3	247.8	245.6	247.9					
G11.0	219.7	228.3	223.4	226.5					
G12.0	202.8	211.7	206.6	208.3					
G13.0	187.3	197.6	192.2	192.5					
G14.0	175.7	183.8	179.0	180.5					
G15.0	165.8	172.5	168.7	170.4					
G16.0	156.4	162.6	159.3	160.3					
G17.0	148.9	153.9	151.6	152.3					
G18.0	141.7	146.0	143.6	145.1					
G19.0	134.9	139.5	136.9	138.6					
G20.0	127.7	132.8	130.3	131.5					
G21.0	121.2	125.9	124.0	125.0					
G22.0	115.0	118.5	117.9	119.0					
G23.0	108.9	112.5	112.6	112.9					
G24.0	102.5	106.8	107.4	107.2					
G25.0	96.4	100.4	101.3	101.1					
G26.0	90.5	94.8	95.3	95.2					
G27.0	83.8	88.8	88.9	88.4					
G28.0	77.5	82.5	82.2	82.2					
G29.0	71.1	75.5	75.4	75.8					
G30.0	64.5	69.1	67.9	69.8					
G31.0	57.9	62.5	61.0	63.1					
G32.0	52.1	56.4	54.3	57.2					
G33.0	46.8	50.0	47.7	51.4					
G34.0	41.3	44.5	42.1	46.0					
G35.0	36.8	39.3	36.9	40.4					
G36.0	32.5	33.9	32.0	35.7					

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 6)

Unit: cd

G\C	C270.0	C300.0	C330.0	C360.0					
G37.0	28.6	29.3	27.2	31.2					
G38.0	25.1	25.2	23.5	27.3					
G39.0	21.7	21.7	20.3	23.6					
G40.0	19.1	18.6	17.2	20.6					
G41.0	16.7	16.1	14.8	18.1					
G42.0	14.6	14.1	12.9	15.8					
G43.0	12.6	12.3	11.2	13.7					
G44.0	11.0	10.6	9.7	12.0					
G45.0	9.7	9.4	8.4	10.4					
G46.0	8.3	8.2	7.4	9.2					
G47.0	7.4	7.3	6.5	8.1					
G48.0	6.5	6.3	5.2	7.2					
G49.0	5.8	4.7	3.3	4.6					
G50.0	3.5	3.3	2.9	3.4					
G51.0	3.1	2.9	2.6	3.1					
G52.0	2.8	2.6	2.4	2.9					
G53.0	2.6	2.3	2.2	2.7					
G54.0	2.4	2.1	2.0	2.5					
G55.0	2.2	1.9	1.9	2.3					
G56.0	2.0	1.7	1.7	2.1					
G57.0	1.8	1.5	1.5	1.9					
G58.0	1.5	1.3	1.3	1.6					
G59.0	1.3	1.1	1.0	1.4					
G60.0	1.1	0.9	0.9	1.2					
G61.0	1.0	0.8	0.8	1.0					
G62.0	0.9	0.7	0.7	0.9					
G63.0	0.8	0.6	0.6	0.9					
G64.0	0.7	0.6	0.6	0.8					
G65.0	0.7	0.5	0.5	0.7					
G66.0	0.6	0.5	0.5	0.7					
G67.0	0.6	0.5	0.5	0.6					
G68.0	0.5	0.4	0.4	0.6					
G69.0	0.5	0.4	0.4	0.6					
G70.0	0.4	0.4	0.4	0.5					
G71.0	0.4	0.3	0.4	0.5					
G72.0	0.4	0.3	0.4	0.4					

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 7)

Unit: cd

G\C	C270.0	C300.0	C330.0	C360.0					
G73.0	0.4	0.3	0.4	0.4					
G74.0	0.4	0.3	0.3	0.4					
G75.0	0.4	0.3	0.3	0.3					
G76.0	0.3	0.3	0.3	0.4					
G77.0	0.4	0.3	0.3	0.3					
G78.0	0.3	0.3	0.3	0.3					
G79.0	0.3	0.3	0.3	0.3					
G80.0	0.3	0.2	0.3	0.3					
G81.0	0.3	0.2	0.3	0.3					
G82.0	0.3	0.2	0.3	0.3					
G83.0	0.3	0.3	0.3	0.3					
G84.0	0.3	0.2	0.2	0.3					
G85.0	0.3	0.2	0.3	0.3					
G86.0	0.3	0.2	0.3	0.2					
G87.0	0.3	0.2	0.3	0.2					
G88.0	0.2	0.2	0.2	0.3					
G89.0	0.3	0.2	0.3	0.3					
G90.0	0.3	0.2	0.3	0.3					
G91.0	0.3	0.2	0.2	0.3					
G92.0	0.3	0.2	0.2	0.3					
G93.0	0.3	0.2	0.3	0.3					
G94.0	0.3	0.3	0.3	0.3					
G95.0	0.3	0.3	0.2	0.3					
G96.0	0.3	0.2	0.3	0.2					
G97.0	0.3	0.2	0.3	0.3					
G98.0	0.3	0.3	0.2	0.2					
G99.0	0.3	0.2	0.3	0.3					
G100.0	0.3	0.2	0.2	0.3					
G101.0	0.3	0.2	0.3	0.3					
G102.0	0.3	0.2	0.2	0.3					
G103.0	0.3	0.2	0.3	0.3					
G104.0	0.3	0.2	0.3	0.3					
G105.0	0.3	0.2	0.3	0.3					
G106.0	0.3	0.2	0.2	0.2					
G107.0	0.3	0.2	0.3	0.3					
G108.0	0.3	0.2	0.3	0.3					

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃
Operator: YanQin Zeng

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 8)

Unit: cd

G\C	C270.0	C300.0	C330.0	C360.0					
G109.0	0.3	0.2	0.3	0.3					
G110.0	0.3	0.3	0.3	0.2					
G111.0	0.3	0.3	0.3	0.3					
G112.0	0.3	0.3	0.3	0.3					
G113.0	0.3	0.2	0.3	0.3					
G114.0	0.3	0.3	0.3	0.3					
G115.0	0.3	0.3	0.3	0.3					
G116.0	0.3	0.3	0.3	0.3					
G117.0	0.4	0.3	0.3	0.3					
G118.0	0.4	0.3	0.3	0.3					
G119.0	0.4	0.3	0.3	0.3					
G120.0	0.4	0.3	0.4	0.3					
G121.0	0.4	0.3	0.4	0.3					
G122.0	0.4	0.3	0.4	0.3					
G123.0	0.4	0.4	0.4	0.3					
G124.0	0.4	0.4	0.4	0.3					
G125.0	0.4	0.4	0.4	0.3					
G126.0	0.5	0.4	0.5	0.3					
G127.0	0.5	0.4	0.4	0.3					
G128.0	0.5	0.5	0.5	0.3					
G129.0	0.5	0.5	0.5	0.4					
G130.0	0.5	0.5	0.5	0.4					
G131.0	0.5	0.5	0.5	0.4					
G132.0	0.6	0.5	0.6	0.4					
G133.0	0.6	0.5	0.6	0.4					
G134.0	0.6	0.6	0.6	0.4					
G135.0	0.7	0.6	0.6	0.4					
G136.0	0.7	0.6	0.7	0.5					
G137.0	0.7	0.7	0.7	0.5					
G138.0	0.7	0.7	0.7	0.5					
G139.0	0.8	0.7	0.8	0.5					
G140.0	0.8	0.8	0.8	0.5					
G141.0	0.9	0.8	0.9	0.6					
G142.0	0.9	0.9	0.9	0.6					
G143.0	1.0	0.9	0.9	0.6					
G144.0	1.0	1.0	1.0	0.6					

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

Candlepower Table(Continue 9)

Unit: cd

G\C	C270.0	C300.0	C330.0	C360.0					
G145.0	1.0	1.0	1.1	0.6					
G146.0	1.1	1.0	1.1	0.7					
G147.0	1.1	1.1	1.1	0.7					
G148.0	1.2	1.2	1.2	0.7					
G149.0	1.3	1.2	1.2	0.8					
G150.0	1.3	1.3	1.3	0.8					
G151.0	1.4	1.3	1.4	0.9					
G152.0	1.4	1.4	1.4	0.9					
G153.0	1.5	1.5	1.5	1.0					
G154.0	1.6	1.5	1.5	1.0					
G155.0	1.6	1.6	1.6	1.0					
G156.0	1.6	1.6	1.6	1.1					
G157.0	1.7	1.7	1.7	1.1					
G158.0	1.7	1.7	1.7	1.2					
G159.0	1.8	1.7	1.8	1.2					
G160.0	1.8	1.8	1.8	1.3					
G161.0	1.9	1.8	1.8	1.4					
G162.0	1.9	1.8	1.9	1.4					
G163.0	1.9	1.9	1.9	1.4					
G164.0	1.9	1.9	1.9	1.5					
G165.0	2.0	1.9	1.9	1.5					
G166.0	2.0	2.0	2.0	1.6					
G167.0	2.0	2.0	2.0	1.6					
G168.0	2.0	2.0	2.0	1.7					
G169.0	2.0	2.0	2.0	1.7					
G170.0	2.1	2.0	2.0	1.7					
G171.0	2.1	2.0	2.0	1.8					
G172.0	2.1	2.0	2.0	1.8					
G173.0	2.1	2.0	2.0	1.8					
G174.0	2.1	2.0	2.0	1.9					
G175.0	2.1	2.0	2.0	1.9					
G176.0	2.1	2.0	2.0	1.9					
G177.0	2.1	2.0	2.0	1.9					
G178.0	2.1	2.0	2.0	2.0					
G179.0	2.0	2.0	2.0	2.0					
G180.0	2.0	2.0	2.0	2.0					

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector:

LED Average Luminance Report

Avg.L	cd/m^2
L 0-180(65) av	1.#J
L 0-180(75) av	1.#J
L 0-180(85) av	1.#J
L 90-270(65) av	1.#J
L 90-270(75) av	1.#J
L 90-270(85) av	1.#J
L 45(65) av	1.#J
L 45(75) av	1.#J
L 45(85) av	1.#J

Standard: GB/T 29293-2012

C Plane (°):0.0-360.0: 30.0
Test Lab: MESTER LAB
Test Type: TYPE C
Temperature: 25.5℃

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 13.600 m [K=1.0000]
Humidity: 45% R.H
Inspector: