Report No.: 4791263383-1 Test Time: 2024/04/03

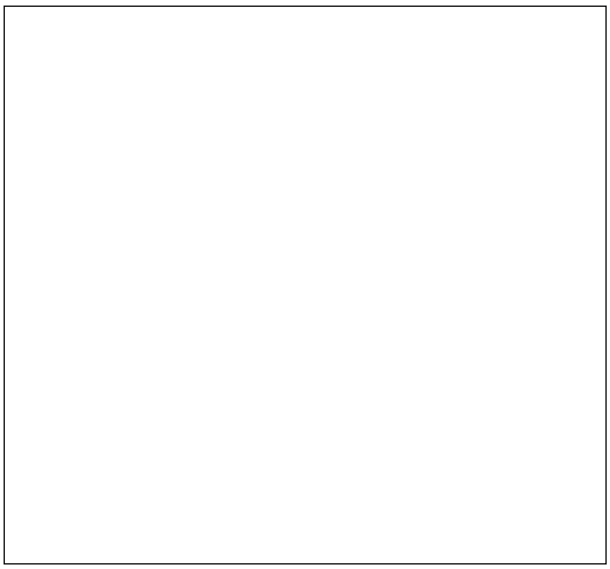
Luminaire Property

Luminaire Manufacturer: ASMART LIGHT CO., LTD
Luminaire Category: AST-SP06-500T2GS2A1-BH10SPWFM40
Luminaire Description: Architectural Flood and Spot Luminaires
Lamp Catalog: Lamp Description:
Number of Lamps: 1 Lumens per Lamp: -1.0 lm
Luminous Length (mm): -337 mm Luminous Width (mm): -337 mm
Luminous Height (mm): 0 mm Voltage:
Current: Power: 498.30 mW
Power Factor:

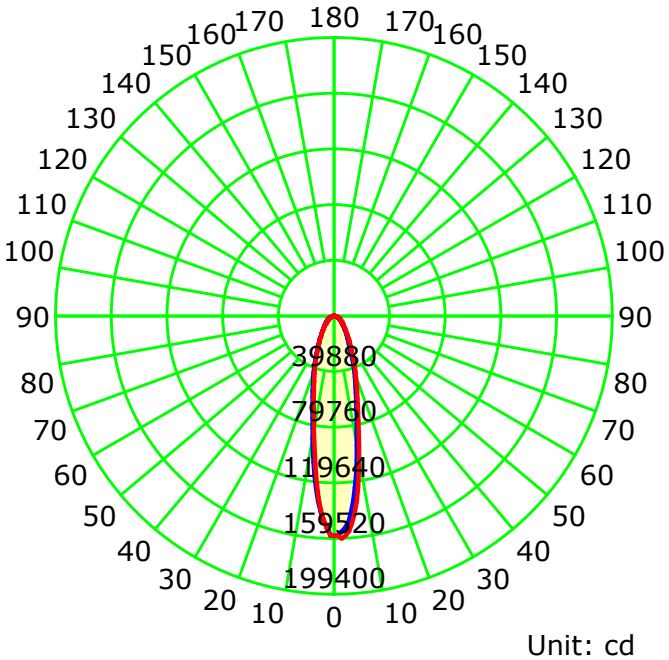
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 71281.2 lm
Measurement Flux: 71281.2 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H70.5,H23.4
Vertical Diffuse Angle(10%,50%): V71.2,V23.4
Luminaire Efficacy Rating (LER): 143.10 C0r0 Intensity: 157466.3 cd
Max. Intensity: 159520 cd Pos of Max. Intensity: H90 V2
S/MH(C0/C180): 0.39 S/MH(C90/C270): 0.40

Picture Of Luminaire



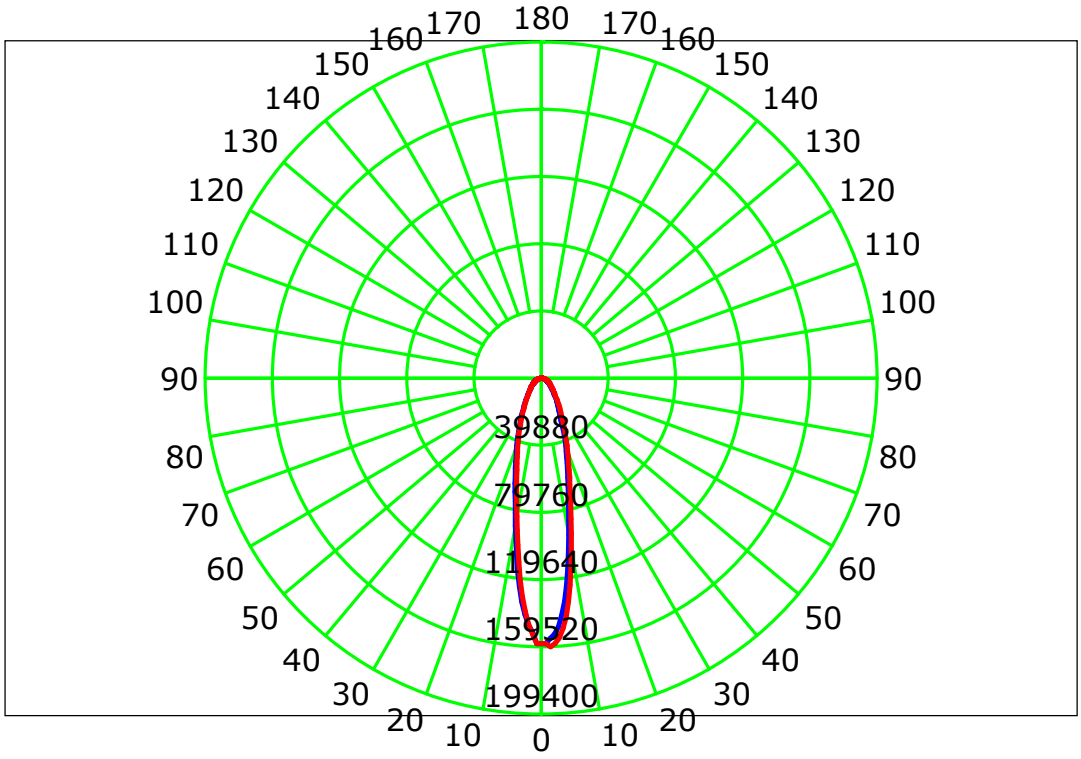
Luminous Intensity Distribution Curve

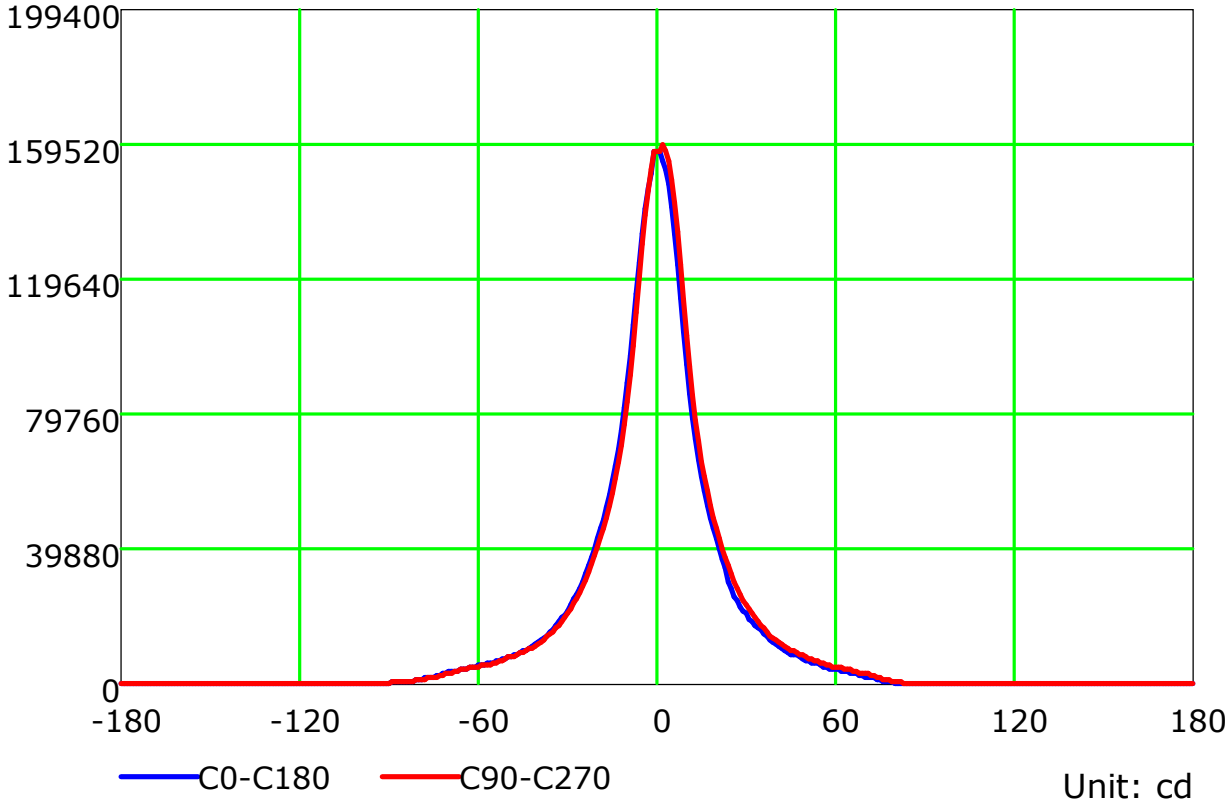


Unit: cd
Average Diffuse Angle(50%): 23.3°
C0-C180 C90-C270

C Plane (°):0.0-360.0: 22.5 Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) C Test Device:
Test Type: TYPE C Distance:
Temperature: Humidity:
Operator: Inspector:

Luminous Intensity Distribution Curve





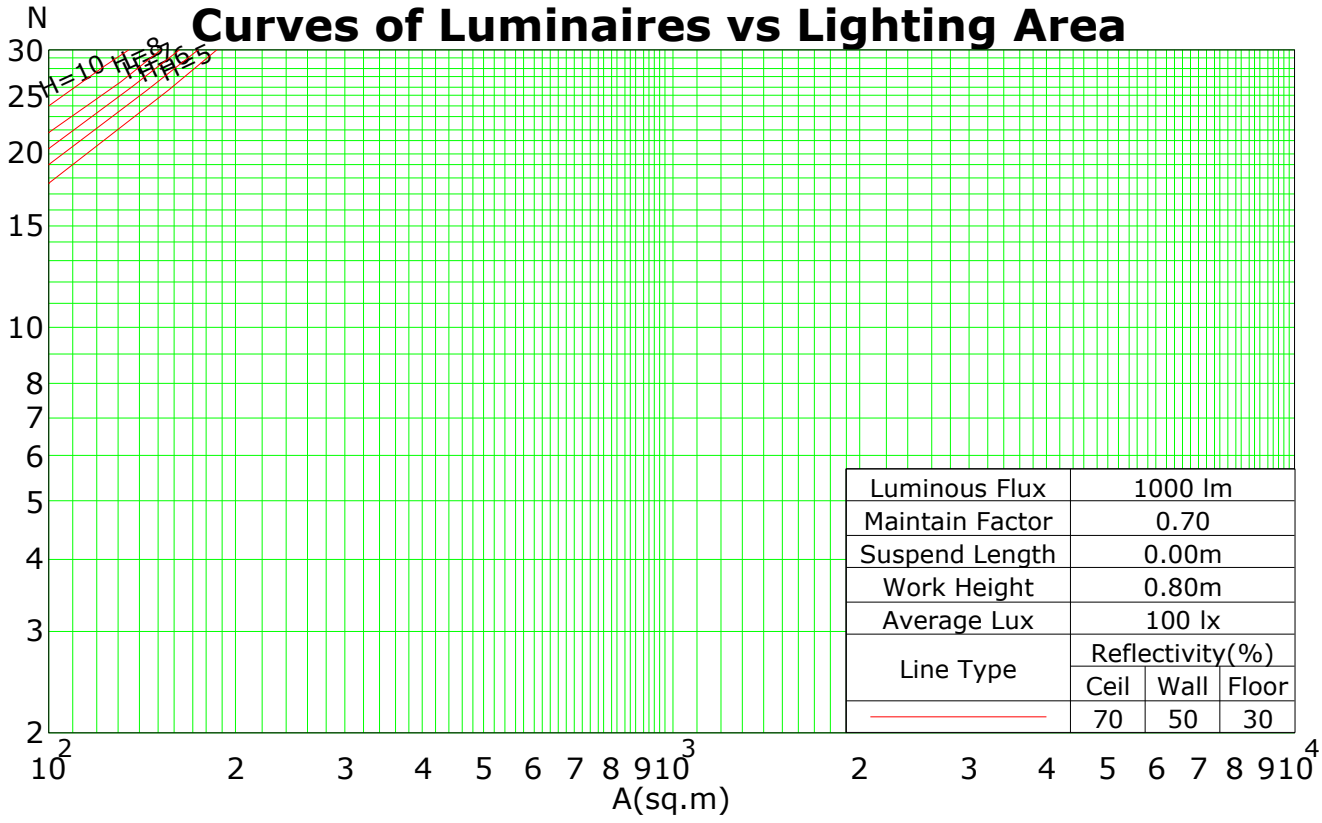
C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) C
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.12	1.09	1.06	1.03	1.10	1.07	1.04	1.01	1.02	1.00	0.98	0.99	0.97	0.95	0.95	0.94	0.92	0.91
2	1.05	0.99	0.94	0.90	1.03	0.98	0.93	0.89	0.94	0.91	0.87	0.91	0.88	0.85	0.88	0.86	0.84	0.82
3	0.99	0.91	0.85	0.81	0.97	0.90	0.84	0.80	0.87	0.83	0.79	0.85	0.81	0.78	0.82	0.79	0.76	0.75
4	0.93	0.85	0.78	0.73	0.91	0.83	0.77	0.73	0.81	0.76	0.72	0.79	0.75	0.71	0.77	0.73	0.70	0.68
5	0.88	0.79	0.72	0.67	0.86	0.78	0.71	0.67	0.76	0.70	0.66	0.74	0.69	0.66	0.72	0.68	0.65	0.63
6	0.84	0.74	0.67	0.62	0.82	0.73	0.66	0.62	0.71	0.66	0.61	0.70	0.65	0.61	0.68	0.64	0.61	0.59
7	0.79	0.69	0.62	0.58	0.78	0.68	0.62	0.58	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.55
8	0.76	0.65	0.59	0.54	0.74	0.65	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.53	0.52
9	0.72	0.62	0.55	0.51	0.71	0.61	0.55	0.51	0.60	0.55	0.51	0.59	0.54	0.51	0.58	0.54	0.50	0.49
10	0.69	0.59	0.53	0.48	0.68	0.58	0.52	0.48	0.57	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.48	0.47

Spacing Criteria (0-180): 0.39
Spacing Criteria (90-270): 0.40
Spacing Criteria (Diagonal): 0.47

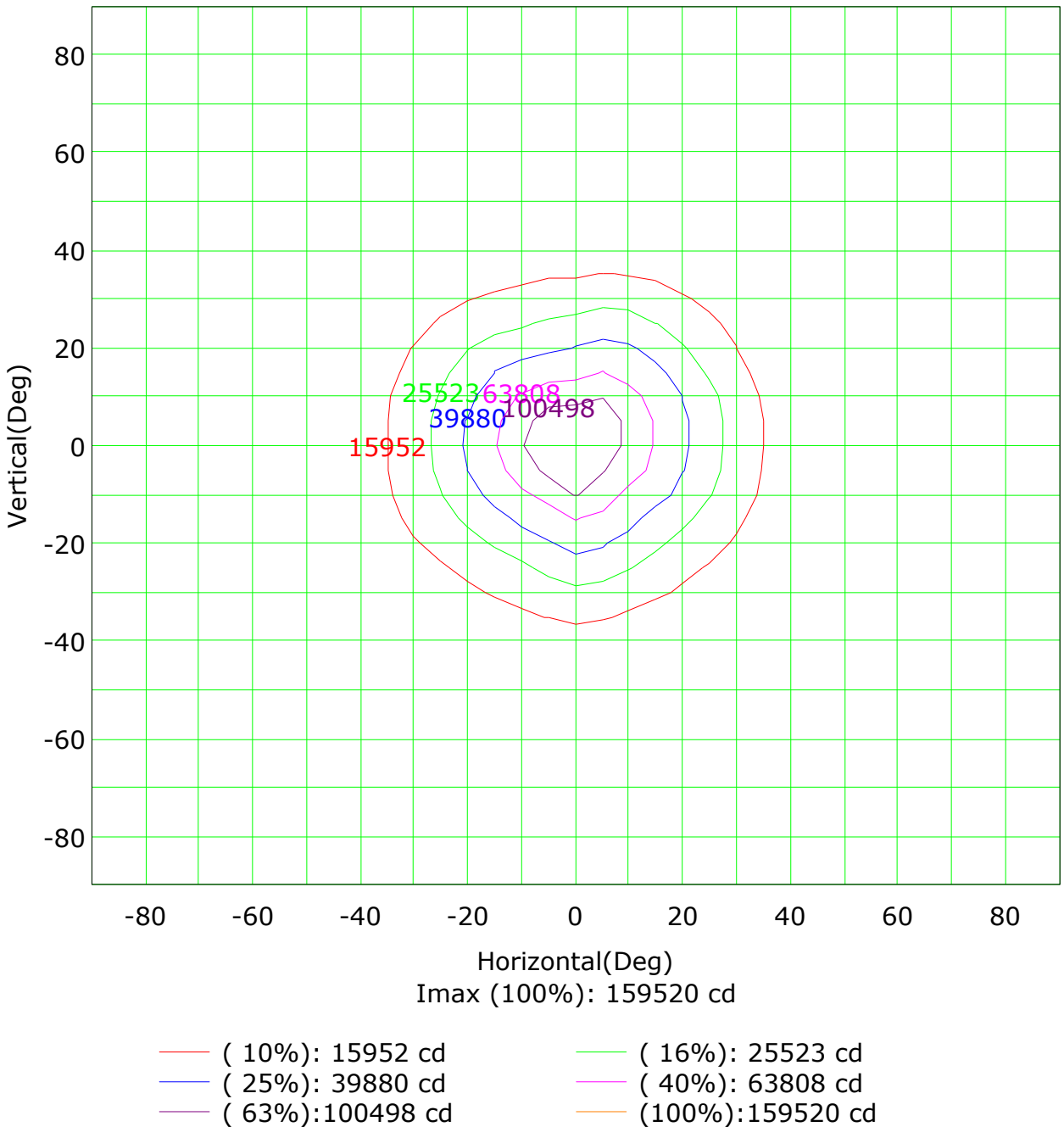
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 22.5
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Type: TYPE C
Temperature:
Operator:

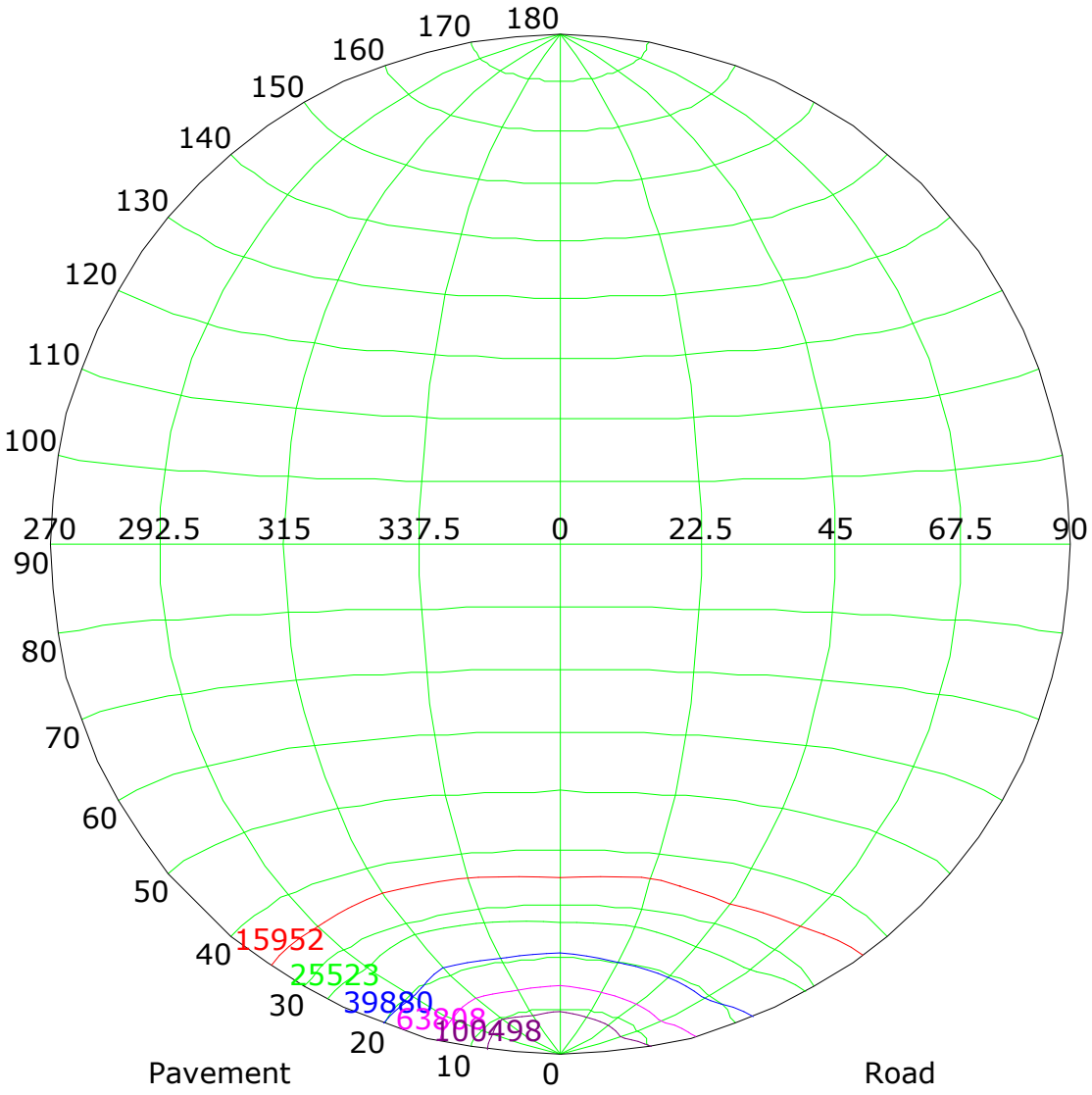
Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Isocandela (sphere)



Imax (100%): 159520 cd

(10%): 15952 cd
(16%): 25523 cd
(25%): 39880 cd
(40%): 63808 cd
(63%):100498 cd
(100%):159520 cd

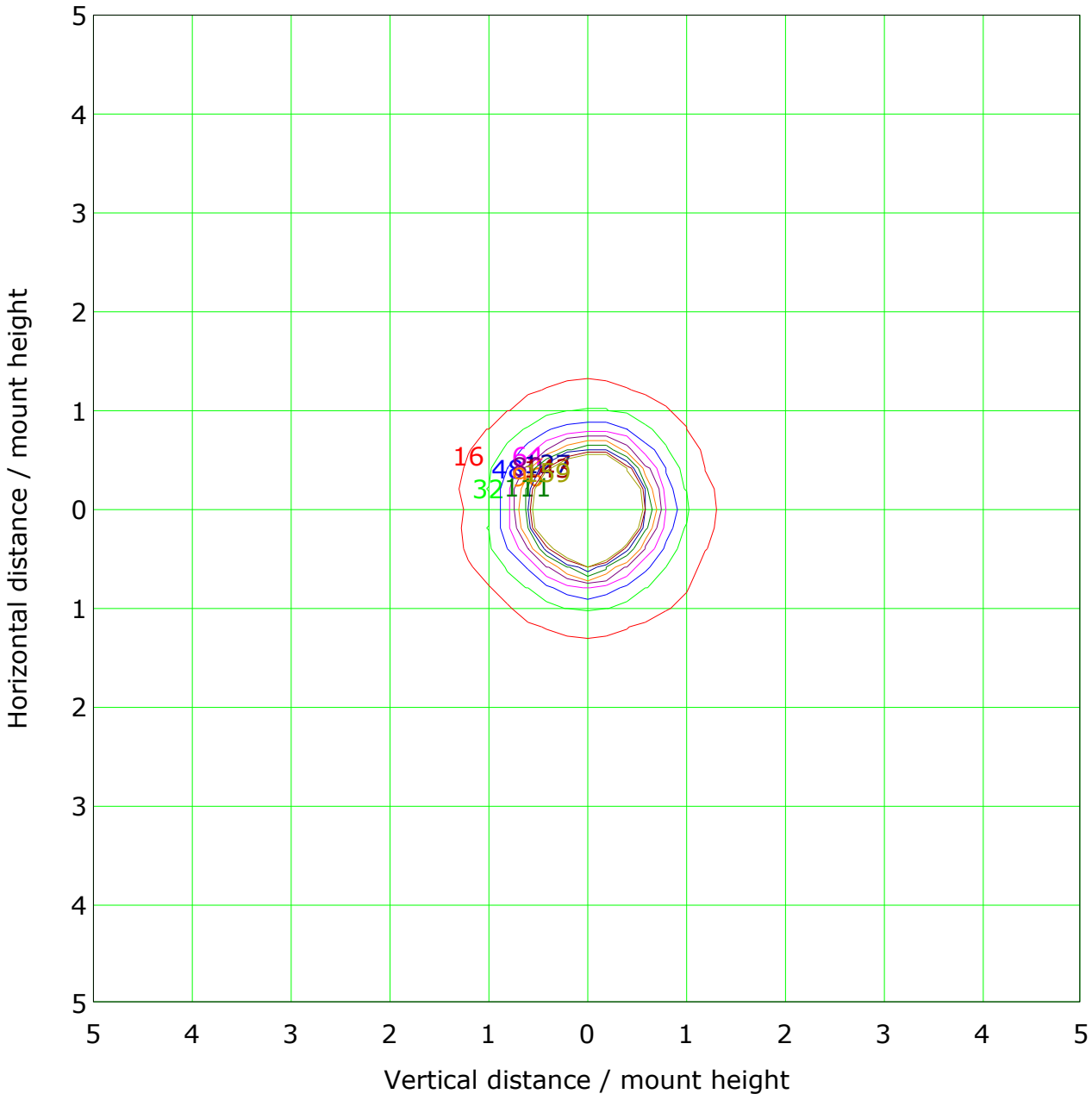
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 17.214 cd/klm
Max.80-90: 17.214 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

IsoLux Plot



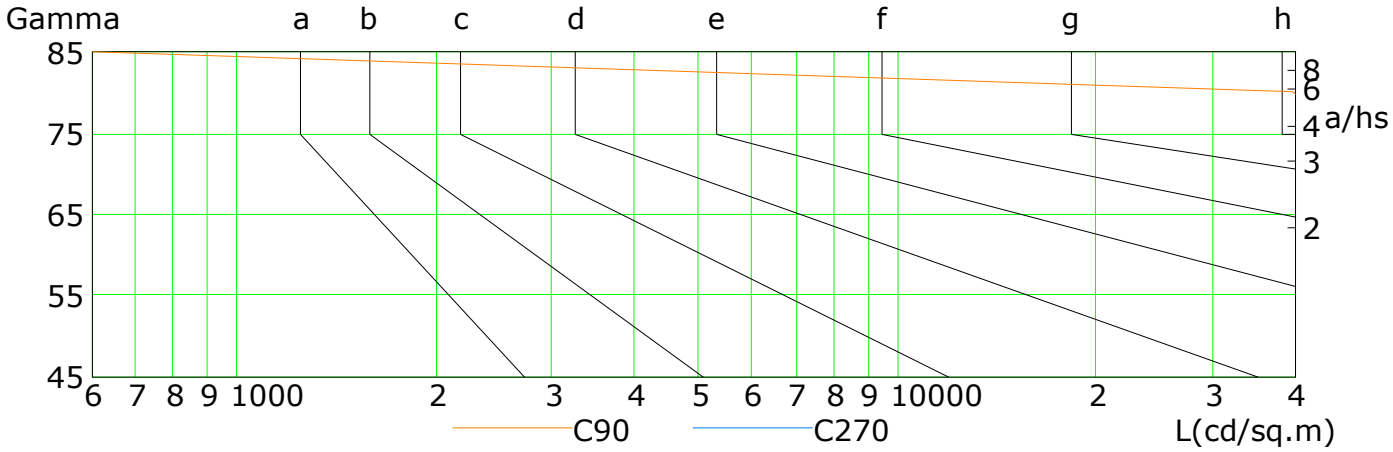
Mounting Height: 10.0m Max Lux(100%): 1592.3 lx

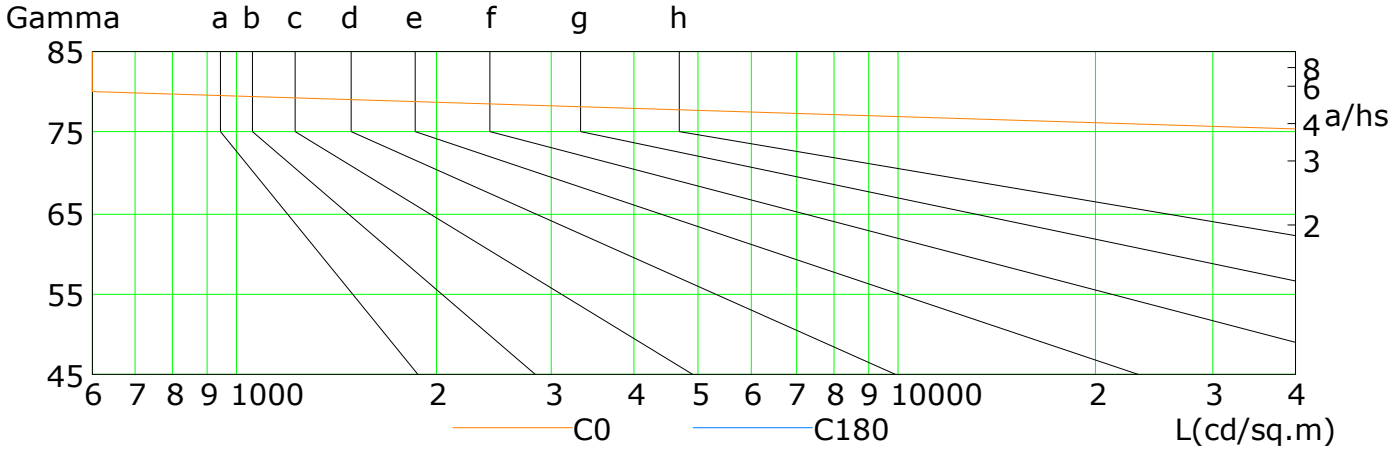
(1%): 15.9 lx	(2%): 31.8 lx
(3%): 47.8 lx	(4%): 63.7 lx
(5%): 79.6 lx	(6%): 95.5 lx
(7%): 111.5 lx	(8%): 127.4 lx
(9%): 143.3 lx	(10%): 159.2 lx

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
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

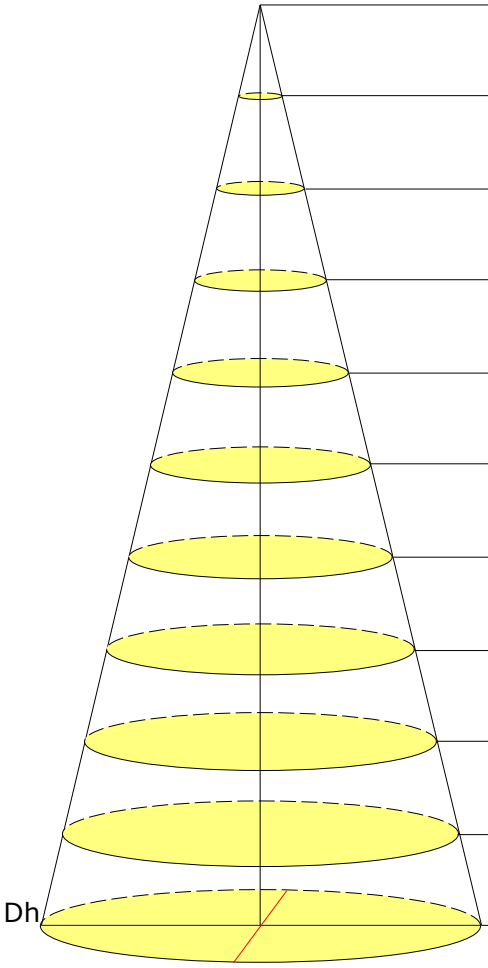




L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	136169	117686	107899	96258	81326	60335	53150	0	0
C90	155627	139091	119893	110017	113883	100491	79731	39602	0
C180	155627	139091	119893	123776	113883	120605	79731	79219	78902
C270	145898	139091	119893	110017	113883	100491	79731	79219	78902

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Illuminance at a Distance

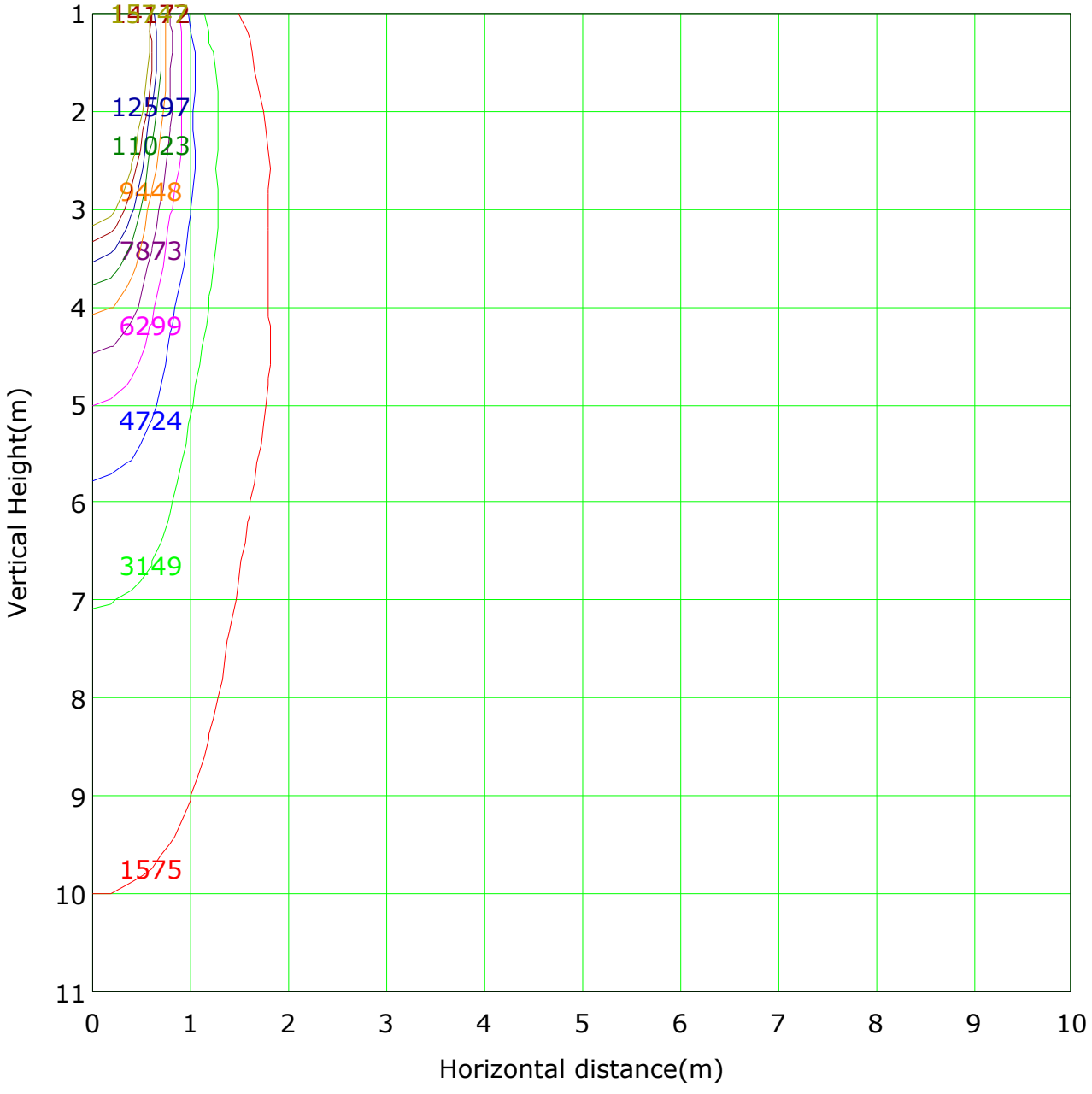


Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
		Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	157466.30	0.41/0.41	0.1	103087.72
		1.41/1.43	1.6	18773.82
2.0	39366.57	0.83/0.82	0.5	25771.93
		2.83/2.85	6.3	4693.46
3.0	17496.26	1.24/1.24	1.2	11454.19
		4.24/4.28	14.2	2085.98
4.0	9841.64	1.66/1.65	2.1	6442.98
		5.65/5.71	25.3	1173.36
5.0	6298.65	2.07/2.06	3.3	4123.51
		7.07/7.13	39.5	750.95
6.0	4374.06	2.48/2.47	4.8	2863.55
		8.48/8.56	56.8	521.50
7.0	3213.60	2.90/2.89	6.5	2103.83
		9.89/9.99	77.4	383.14
8.0	2460.41	3.31/3.30	8.5	1610.75
		11.31/11.41	101.0	293.34
9.0	1944.03	3.73/3.71	10.8	1272.69
		12.72/12.84	127.9	231.78
10.0	1574.66	4.14/4.12	13.3	1030.88
		14.14/14.27	157.9	187.74

Beam Angle(B): H23.4 V23.3 Field Angle(F): H70.5 V71.0

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Vertical IsoLux Plot

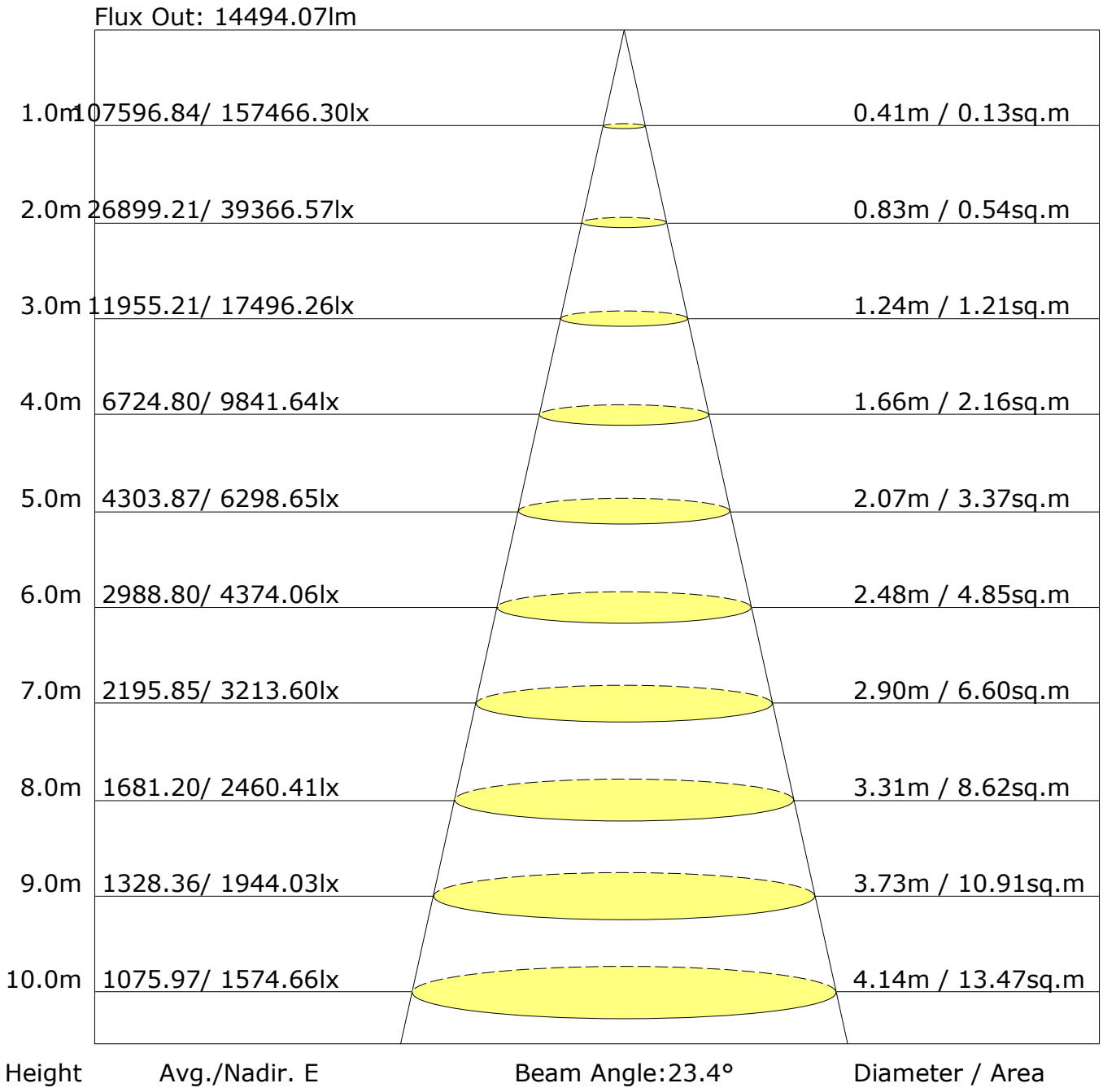


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 157466.3 lx

(1%):1574.7 lx	(2%):3149.3 lx
(3%):4724.0 lx	(4%):6298.7 lx
(5%):7873.3 lx	(6%):9448.0 lx
(7%):11022.6 lx	(8%):12597.3 lx
(9%):14172.0 lx	(10%):15746.6 lx

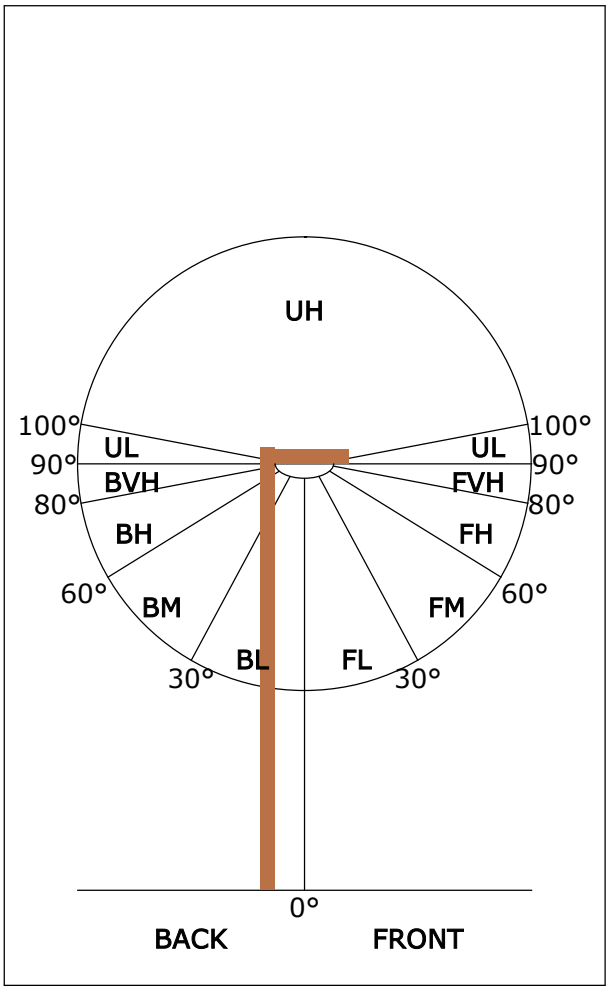
C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	34626	48.6
FL (0°-30°)	20368	28.6
FM (30°-60°)	11311	15.9
FH (60°-80°)	2768	3.9
FVH (80°-90°)	180	0.3
BACK LIGHT	36655	51.4
BL (0°-30°)	21847	30.6
BM (30°-60°)	11669	16.4
BH (60°-80°)	2909	4.1
BVH (80°-90°)	230	0.3
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	0	0.0

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U0 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U0 G3

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3
G1.0	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3
G2.0	154596.1	153383.7	152765.1	149696.9	159520.0	152146.5	147247.3	152146.5	150934.1	154596.1
G3.0	152146.5	149078.3	147247.3	142942.0	157664.2	149078.3	141111.0	147865.9	146628.7	152146.5
G4.0	147865.9	142323.4	140492.4	134974.6	154596.1	143560.6	133737.5	142323.4	140492.4	147865.9
G5.0	141111.0	134974.6	131287.9	125151.5	149078.3	136805.7	124533.0	134974.6	133143.6	141729.5
G6.0	133143.6	125151.5	121464.8	114734.6	142323.4	128219.7	114734.6	126388.7	124533.0	134356.1
G7.0	123939.1	115328.5	110429.3	104293.0	133737.5	119015.2	104293.0	116565.6	115328.5	126388.7
G8.0	114116.0	105530.1	100606.2	94469.9	123939.1	108598.3	95088.5	106742.5	106124.0	116565.6
G9.0	104293.0	95707.0	91401.7	86502.5	113497.5	98775.2	85884.0	97538.0	96919.5	107361.1
G10.0	94469.9	86502.5	83434.4	78535.2	103055.8	90189.3	78535.2	88333.5	88952.1	98775.2
G11.0	85884.0	79129.0	75467.0	72398.9	93876.0	82197.2	71780.3	80984.8	81603.4	90189.3
G12.0	78535.2	72398.9	69330.7	66856.4	85265.4	74848.5	66262.5	74229.9	74848.5	82815.8
G13.0	72398.9	66856.4	63788.2	61338.6	77916.6	68712.1	61338.6	68712.1	69330.7	76679.5
G14.0	66262.5	61957.2	58889.0	57058.0	71780.3	63194.4	56439.4	63194.4	64406.8	70543.1
G15.0	61338.6	57058.0	54583.7	52752.7	65644.0	58889.0	52752.7	58889.0	60126.2	65644.0
G16.0	57058.0	53371.3	50921.7	49684.5	61338.6	54583.7	49065.9	55202.3	55820.9	60720.0
G17.0	52752.7	49684.5	47234.9	45997.8	57058.0	50921.7	45997.8	50921.7	52134.1	56439.4
G18.0	49065.9	45997.8	43548.2	42929.6	52752.7	47234.9	42929.6	47853.5	48447.4	52752.7
G19.0	45997.8	42929.6	40480.0	39861.4	49065.9	44166.8	39861.4	44166.8	45997.8	49065.9
G20.0	42929.6	39861.4	38030.4	36793.3	45997.8	41098.6	37411.9	41717.2	42929.6	45997.8
G21.0	39861.4	37411.9	34962.3	34343.7	42929.6	38649.0	34962.3	39267.6	39861.4	42929.6
G22.0	36793.3	34343.7	32512.7	31894.1	39861.4	36199.4	32512.7	36199.4	37411.9	39861.4
G23.0	34343.7	31894.1	30656.9	30063.1	37411.9	33725.1	30656.9	33725.1	34962.3	36793.3
G24.0	30063.1	30063.1	28207.3	27588.8	34962.3	31275.5	28207.3	31894.1	32512.7	34962.3
G25.0	28207.3	28207.3	26376.3	26376.3	32512.7	29444.5	26376.3	29444.5	30063.1	31894.1
G26.0	25757.8	26376.3	25139.2	24540.4	30063.1	26994.9	25139.2	27588.8	28207.3	29444.5
G27.0	24540.4	24540.4	23315.6	23315.6	28207.3	25757.8	23315.6	25757.8	26376.3	27588.8
G28.0	22702.0	23926.8	22088.3	22088.3	26376.3	24540.4	22088.3	23926.8	25139.2	25757.8
G29.0	21474.7	22088.3	20861.1	20861.1	24540.4	22702.0	20861.1	22088.3	23315.6	23926.8
G30.0	20861.1	21474.7	19633.8	19633.8	23315.6	21474.7	19633.8	20861.1	21474.7	22702.0
G31.0	19020.2	20247.4	18406.5	19020.2	22088.3	20247.4	19020.2	19633.8	20247.4	21474.7
G32.0	18406.5	19020.2	17179.3	17792.9	20861.1	18406.5	17792.9	19020.2	19633.8	19633.8
G33.0	17179.3	17792.9	16565.6	17179.3	19633.8	17792.9	16565.6	17792.9	18406.5	19020.2
G34.0	16565.6	17179.3	15338.4	15952.0	18406.5	17179.3	15952.0	16565.6	17179.3	17179.3
G35.0	15952.0	16565.6	14724.7	15338.4	17179.3	15952.0	14724.7	15952.0	15952.0	16565.6
G36.0	14724.7	15338.4	14111.1	14111.1	16565.6	14724.7	14111.1	14724.7	15338.4	15338.4

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	14111.1	14724.7	12883.8	13497.5	15338.4	14111.1	13497.5	13497.5	14111.1	14111.1
G38.0	12883.8	14111.1	12270.2	12883.8	14111.1	12883.8	12883.8	12883.8	13497.5	13497.5
G39.0	12270.2	12883.8	11656.6	12270.2	13497.5	12883.8	12270.2	12270.2	12883.8	12270.2
G40.0	11656.6	12883.8	11042.9	11656.6	12883.8	11656.6	11656.6	11656.6	12270.2	11656.6
G41.0	11042.9	12270.2	11042.9	11042.9	12270.2	11042.9	11042.9	11042.9	11656.6	11042.9
G42.0	10429.3	11656.6	10429.3	10429.3	11656.6	10429.3	10429.3	10429.3	11042.9	11042.9
G43.0	9815.7	11042.9	9815.7	10429.3	11042.9	10429.3	9815.7	9815.7	10429.3	10429.3
G44.0	9202.0	10429.3	9202.0	9815.7	10429.3	9815.7	9815.7	9202.0	9815.7	9202.0
G45.0	8588.4	10429.3	9202.0	9202.0	9815.7	9202.0	9202.0	8588.4	9815.7	9202.0
G46.0	8588.4	9815.7	8588.4	9202.0	9815.7	8588.4	8588.4	8588.4	9202.0	8588.4
G47.0	8588.4	9202.0	7974.8	8588.4	9202.0	8588.4	8588.4	7974.8	8588.4	7974.8
G48.0	7974.8	9202.0	7974.8	8588.4	8588.4	8588.4	8588.4	7361.1	8588.4	7974.8
G49.0	7361.1	7974.8	7361.1	7974.8	8588.4	7361.1	7974.8	7361.1	7974.8	7974.8
G50.0	6747.5	7974.8	6747.5	7361.1	7974.8	7361.1	7361.1	7361.1	7974.8	7361.1
G51.0	6747.5	7974.8	6747.5	7361.1	7361.1	6747.5	7361.1	6747.5	7361.1	6747.5
G52.0	6133.9	7361.1	6133.9	6747.5	7361.1	6747.5	7361.1	6747.5	7361.1	6133.9
G53.0	6133.9	7361.1	6133.9	6747.5	6747.5	6747.5	6747.5	6133.9	6747.5	6133.9
G54.0	6133.9	6747.5	5520.2	6747.5	6747.5	6133.9	6747.5	6133.9	6747.5	5520.2
G55.0	5520.2	6747.5	5520.2	6133.9	6133.9	6133.9	6133.9	5520.2	6133.9	5520.2
G56.0	4906.6	6133.9	4906.6	6133.9	6133.9	5520.2	6133.9	5520.2	6133.9	4906.6
G57.0	4906.6	5520.2	4906.6	5520.2	5520.2	4906.6	6133.9	4906.6	6133.9	4906.6
G58.0	4293.0	5520.2	4293.0	5520.2	5520.2	4906.6	5520.2	4906.6	5520.2	4293.0
G59.0	4293.0	5520.2	4293.0	5520.2	4906.6	4906.6	5520.2	4906.6	5520.2	4293.0
G60.0	4293.0	5520.2	4293.0	4906.6	4906.6	4293.0	5520.2	4293.0	5520.2	4293.0
G61.0	4293.0	4906.6	3679.3	4906.6	4906.6	4293.0	4906.6	4293.0	4906.6	4293.0
G62.0	3679.3	4906.6	3679.3	4906.6	4906.6	4293.0	4906.6	3679.3	4906.6	4293.0
G63.0	3679.3	4906.6	3065.7	4293.0	4293.0	3679.3	4906.6	4293.0	4906.6	3679.3
G64.0	3679.3	4293.0	3065.7	4293.0	4312.8	3679.3	4906.6	3679.3	4293.0	3679.3
G65.0	3065.7	4293.0	3065.7	4293.0	4293.0	3679.3	4293.0	3679.3	4293.0	3065.7
G66.0	3065.7	4293.0	3065.7	4293.0	3679.3	3679.3	4293.0	3065.7	4293.0	3065.7
G67.0	3065.7	3679.3	2454.0	3679.3	3679.3	3065.7	4293.0	3065.7	3679.3	3065.7
G68.0	2454.0	3679.3	2454.0	3679.3	3065.7	3065.7	3679.3	3065.7	3679.3	2454.0
G69.0	2454.0	3679.3	1840.7	3065.7	3065.7	2454.0	3679.3	2454.0	3679.3	2454.0
G70.0	1840.7	3065.7	1840.7	3065.7	3065.7	2454.0	3065.7	2454.0	3679.3	1840.7
G71.0	1840.7	3065.7	1840.7	3065.7	3065.7	2454.0	3065.7	1840.7	3065.7	1840.7
G72.0	1840.7	3065.7	1840.7	2454.0	2454.0	2454.0	2454.0	1840.7	3065.7	1840.7
G73.0	1840.7	2454.0	1227.0	2454.0	2454.0	1840.7	2454.0	1227.0	2454.0	1840.7

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	1227.0	2454.0	1227.0	2454.0	1840.7	1840.7	2454.0	1227.0	2454.0	1227.0
G75.0	1227.0	1840.7	613.4	2454.0	1840.7	1227.0	1840.7	1227.0	1840.7	1227.0
G76.0	613.4	1840.7	613.4	1840.7	1227.0	1227.0	1840.7	1227.0	1840.7	1227.0
G77.0	613.4	1840.7	613.4	1840.7	1227.0	613.4	1840.7	613.4	1840.7	613.4
G78.0	613.4	1840.7	613.4	1227.0	1227.0	613.4	1227.0	613.4	1840.7	613.4
G79.0	613.4	1840.7	0.0	1227.0	613.4	0.0	1227.0	613.4	1227.0	613.4
G80.0	0.0	1227.0	0.0	1227.0	613.4	0.0	1227.0	0.0	1227.0	0.0
G81.0	0.0	1227.0	0.0	1227.0	613.4	0.0	1227.0	0.0	1227.0	0.0
G82.0	0.0	1227.0	0.0	1227.0	613.4	0.0	613.4	0.0	613.4	0.0
G83.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G84.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G85.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G86.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G87.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G88.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G89.0	0.0	613.4	0.0	613.4	0.0	0.0	613.4	0.0	613.4	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	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: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	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: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	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: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3			
G1.0	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3	157466.3			
G2.0	156451.8	158901.4	152146.5	150934.1	154596.1	154002.2	154596.1			
G3.0	154002.2	157664.2	146010.1	146628.7	152765.1	150315.5	152146.5			
G4.0	150315.5	154596.1	138661.4	141111.0	149696.9	144797.7	147865.9			
G5.0	144797.7	150315.5	130075.5	133143.6	144179.1	137424.2	141111.0			
G6.0	138661.4	144179.1	120252.4	123939.1	137424.2	128838.3	133143.6			
G7.0	130669.3	136805.7	109810.7	114734.6	128219.7	119015.2	123939.1			
G8.0	122083.4	128219.7	99987.6	104293.0	119015.2	109192.1	114116.0			
G9.0	112260.3	119633.8	91401.7	95088.5	108598.3	99393.8	104293.0			
G10.0	103055.8	109810.7	83434.4	86502.5	98775.2	90189.3	94469.9			
G11.0	94469.9	100606.2	76679.5	78535.2	88952.1	82197.2	85884.0			
G12.0	86502.5	92020.3	70543.1	71780.3	80984.8	75467.0	78535.2			
G13.0	79747.6	84053.0	65644.0	65644.0	74229.9	69330.7	72398.9			
G14.0	72992.7	77298.0	60720.0	60720.0	67475.0	63788.2	66262.5			
G15.0	68093.5	71161.7	56439.4	56439.4	62575.8	59507.6	61338.6			
G16.0	63194.4	66262.5	52752.7	52752.7	57651.9	55202.3	57058.0			
G17.0	58889.0	61338.6	49065.9	49065.9	53989.9	51515.5	52752.7			
G18.0	54583.7	57058.0	45997.8	45997.8	49684.5	47853.5	49065.9			
G19.0	50303.1	53371.3	43548.2	42929.6	46616.4	44785.4	45997.8			
G20.0	47234.9	49684.5	40480.0	37411.9	43548.2	41717.2	42929.6			
G21.0	44166.8	45997.8	38030.4	34962.3	40480.0	39267.6	39861.4			
G22.0	41098.6	43548.2	35580.9	33131.3	37411.9	36199.4	36793.3			
G23.0	38030.4	40480.0	33131.3	30656.9	34962.3	33725.1	34343.7			
G24.0	35580.9	37411.9	30656.9	28825.9	32512.7	31275.5	30063.1			
G25.0	33131.3	34962.3	28825.9	26994.9	30656.9	29444.5	28207.3			
G26.0	30656.9	32512.7	26994.9	25139.2	28207.3	27588.8	25757.8			
G27.0	28825.9	30063.1	25139.2	23926.8	26994.9	25757.8	24540.4			
G28.0	26376.3	28207.3	23926.8	22702.0	25139.2	24540.4	22702.0			
G29.0	24540.4	26376.3	22088.3	21474.7	23315.6	23315.6	21474.7			
G30.0	23315.6	24540.4	20861.1	20247.4	22088.3	22088.3	20861.1			
G31.0	22088.3	22702.0	19633.8	19020.2	20861.1	20247.4	19020.2			
G32.0	20247.4	21474.7	18406.5	17792.9	19633.8	19633.8	18406.5			
G33.0	19633.8	20247.4	17179.3	17179.3	18406.5	18406.5	17179.3			
G34.0	18406.5	19020.2	16565.6	15952.0	17792.9	17792.9	16565.6			
G35.0	17179.3	17792.9	15338.4	15338.4	16565.6	16565.6	15952.0			
G36.0	15952.0	16565.6	14724.7	14111.1	15952.0	15952.0	14724.7			

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	15338.4	15338.4	14111.1	13497.5	14724.7	14724.7	14111.1			
G38.0	14724.7	14724.7	12883.8	12883.8	14111.1	14111.1	12883.8			
G39.0	13497.5	14111.1	12270.2	12270.2	12883.8	13497.5	12270.2			
G40.0	12883.8	12883.8	11656.6	11656.6	12270.2	12883.8	11656.6			
G41.0	12270.2	12270.2	11042.9	11042.9	11656.6	12270.2	11042.9			
G42.0	11656.6	11656.6	10429.3	11042.9	11042.9	11656.6	10429.3			
G43.0	11042.9	11042.9	10429.3	10429.3	10429.3	11042.9	9815.7			
G44.0	10429.3	10429.3	9815.7	9815.7	9815.7	10429.3	9202.0			
G45.0	9815.7	9815.7	9202.0	9202.0	9815.7	10429.3	8588.4			
G46.0	9815.7	9202.0	9202.0	9202.0	9202.0	9815.7	8588.4			
G47.0	9815.7	9202.0	8588.4	8588.4	9202.0	9202.0	8588.4			
G48.0	9202.0	8588.4	7974.8	8588.4	7974.8	9202.0	7974.8			
G49.0	8588.4	7974.8	7974.8	7974.8	7974.8	8588.4	7361.1			
G50.0	7974.8	7974.8	7974.8	7361.1	7361.1	8588.4	6747.5			
G51.0	7974.8	7361.1	7361.1	7361.1	7361.1	7974.8	6747.5			
G52.0	7361.1	6747.5	6747.5	6747.5	6747.5	7361.1	6133.9			
G53.0	7361.1	6747.5	6747.5	6747.5	6133.9	7361.1	6133.9			
G54.0	6747.5	6133.9	6133.9	6747.5	6133.9	7361.1	6133.9			
G55.0	6747.5	6133.9	6133.9	6747.5	5520.2	6747.5	5520.2			
G56.0	6747.5	5520.2	5520.2	6133.9	5520.2	6133.9	4906.6			
G57.0	6133.9	5520.2	5520.2	6133.9	5520.2	6133.9	4906.6			
G58.0	6133.9	4906.6	5520.2	5520.2	4906.6	6133.9	4293.0			
G59.0	5520.2	4906.6	5520.2	4906.6	4906.6	6133.9	4293.0			
G60.0	4906.6	4293.0	4906.6	5520.2	4293.0	5520.2	4293.0			
G61.0	5520.2	4293.0	4906.6	4906.6	4293.0	5520.2	4293.0			
G62.0	4906.6	4293.0	4906.6	4293.0	4293.0	4906.6	3679.3			
G63.0	4906.6	4293.0	4906.6	4906.6	4293.0	4906.6	3679.3			
G64.0	4293.0	3679.3	4293.0	4293.0	3679.3	4906.6	3679.3			
G65.0	4906.6	3679.3	4293.0	4293.0	3065.7	4906.6	3065.7			
G66.0	4293.0	3065.7	4293.0	4293.0	3065.7	4293.0	3065.7			
G67.0	4293.0	3065.7	3679.3	4293.0	3065.7	4293.0	3065.7			
G68.0	3679.3	3065.7	3679.3	3679.3	2454.0	4293.0	2454.0			
G69.0	3679.3	2454.0	3065.7	3679.3	2454.0	3679.3	2454.0			
G70.0	3679.3	2454.0	3065.7	3065.7	2454.0	3679.3	1840.7			
G71.0	3065.7	2454.0	3065.7	3065.7	2454.0	3679.3	1840.7			
G72.0	3065.7	1840.7	2454.0	3065.7	1840.7	3065.7	1840.7			
G73.0	3065.7	1840.7	2454.0	2454.0	1840.7	3065.7	1840.7			

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	2454.0	1840.7	1840.7	1840.7	1227.0	2454.0	1227.0			
G75.0	2454.0	1227.0	1840.7	1840.7	1227.0	2454.0	1227.0			
G76.0	2454.0	1227.0	1840.7	1840.7	1227.0	1840.7	613.4			
G77.0	1840.7	1227.0	1840.7	1840.7	613.4	1840.7	613.4			
G78.0	1840.7	1227.0	1227.0	1227.0	613.4	1840.7	613.4			
G79.0	1840.7	613.4	1227.0	1227.0	0.0	1227.0	613.4			
G80.0	1227.0	613.4	1227.0	1227.0	0.0	1227.0	0.0			
G81.0	1227.0	613.4	1227.0	1227.0	0.0	1227.0	0.0			
G82.0	1227.0	0.0	613.4	1227.0	0.0	1227.0	0.0			
G83.0	1227.0	0.0	613.4	613.4	0.0	613.4	0.0			
G84.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G85.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G86.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G87.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G88.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G89.0	613.4	0.0	613.4	613.4	0.0	613.4	0.0			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

LED Average Luminance Report

Avg.L	cd/m^2
L 0-180(65) av	97604.63
L 0-180(75) av	66440.54
L 0-180(85) av	39451.03
L 90-270(65) av	113883.00
L 90-270(75) av	79730.78
L 90-270(85) av	39451.03
L 45(65) av	101674.23
L 45(75) av	66437.86
L 45(85) av	39451.03

Standard: GB/T 29293-2012