Report No.: 4791263383-2 Test Time: 2024/04/03

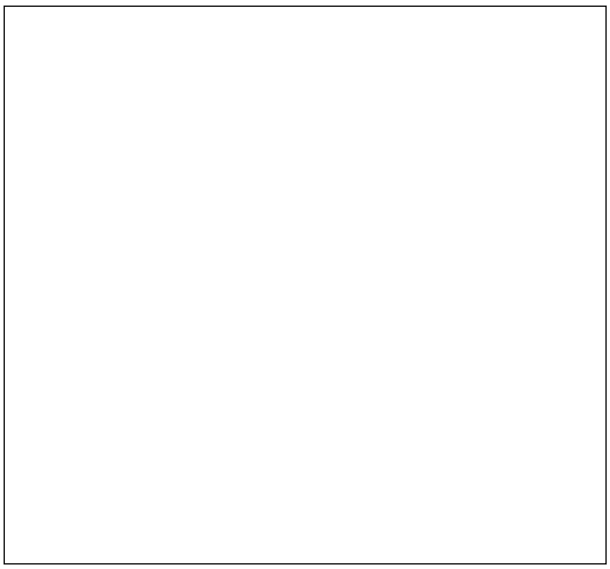
Luminaire Property

Luminaire Manufacturer: ASMART LIGHT CO., LTD
Luminaire Category: AST-SP06-500T2GS3A1-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:

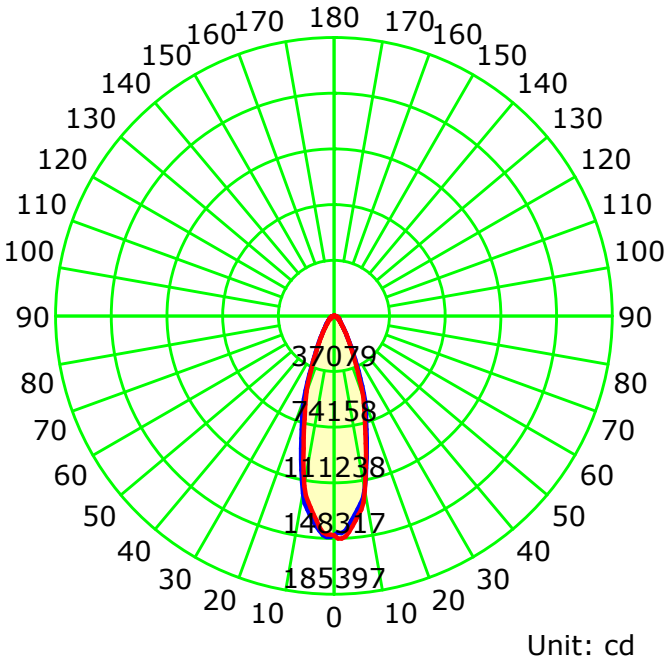
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 74324.3 lm
Measurement Flux: 74324.3 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H67.8,H34
Vertical Diffuse Angle(10%,50%): V67.1,V32
Luminaire Efficacy Rating (LER): 149.21 C0r0 Intensity: 146157.77 cd
Max. Intensity: 148317.61 cd Pos of Max. Intensity: H90 V1
S/MH(C0/C180): 0.55 S/MH(C90/C270): 0.53

Picture Of Luminaire



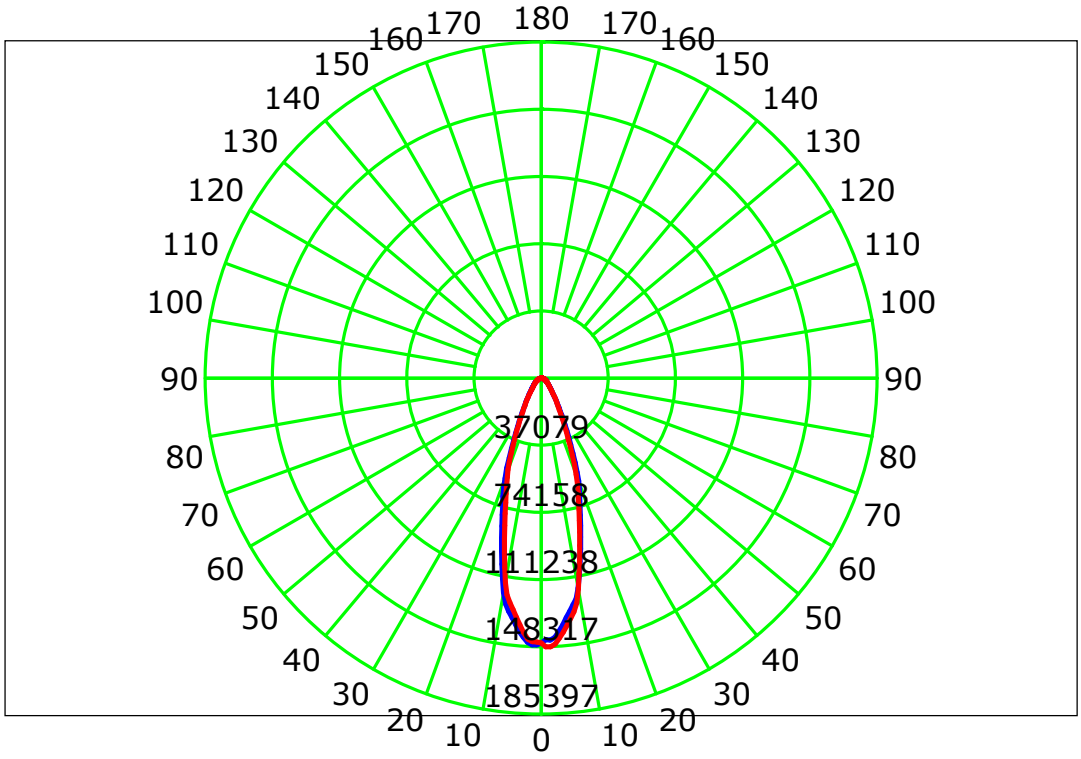
Luminous Intensity Distribution Curve

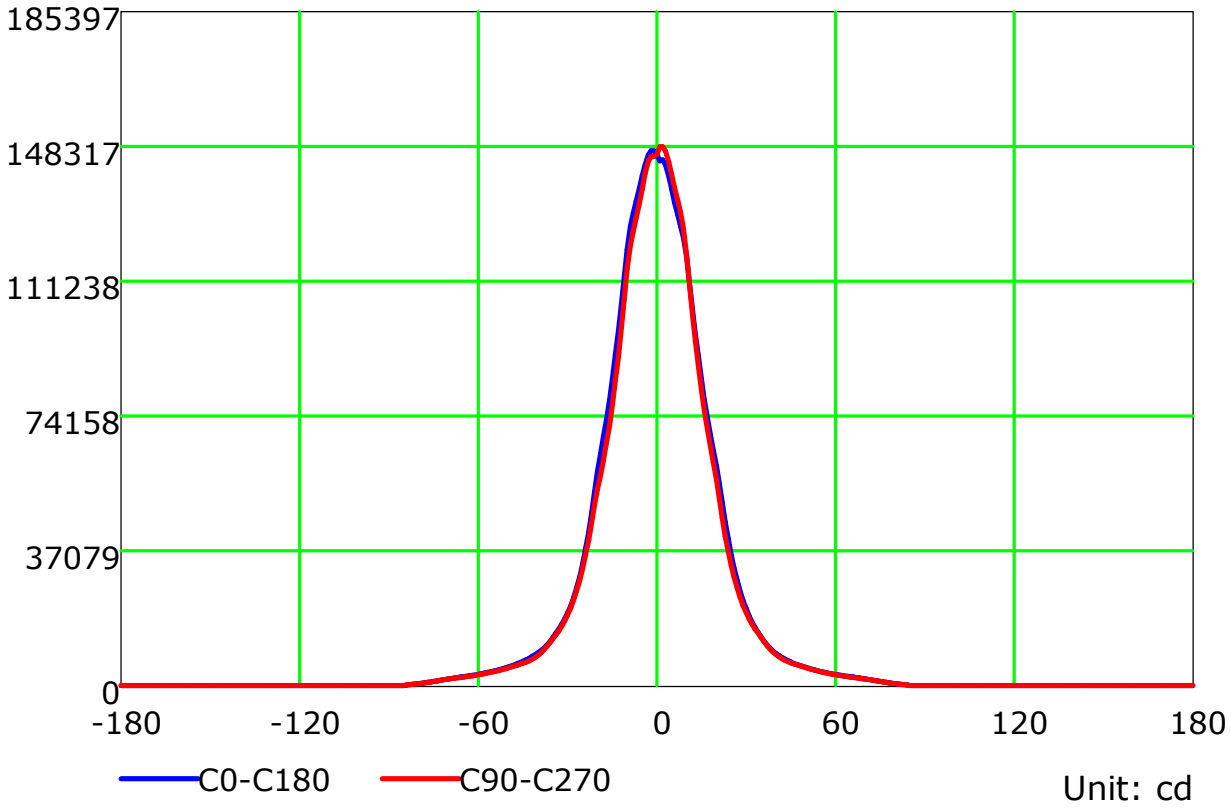


Unit: cd
Average Diffuse Angle(50%): 32.9°
C0-C180 C90-C270

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





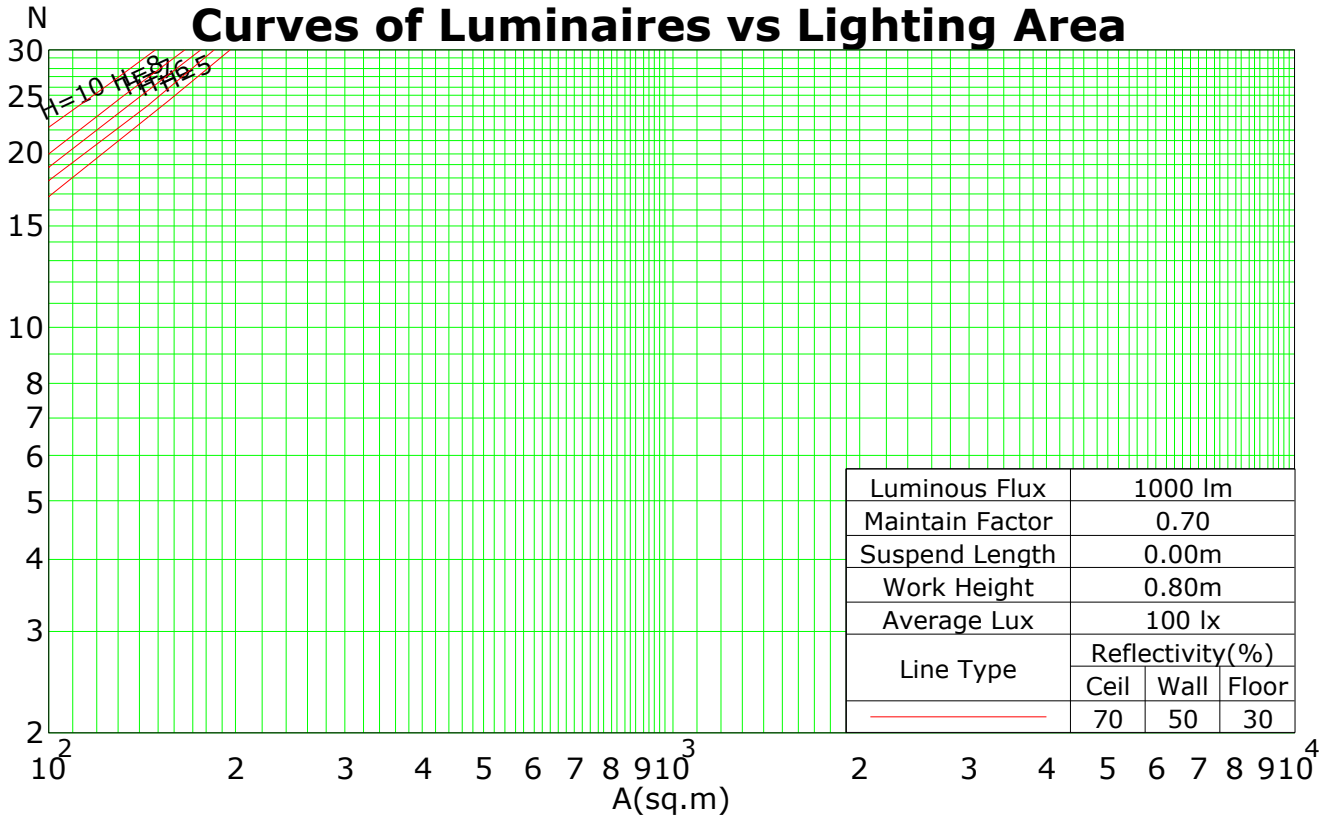
C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) C
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

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	1.13	1.10	1.07	1.05	1.10	1.08	1.05	1.03	1.04	1.02	1.00	1.00	0.98	0.97	0.97	0.95	0.94	0.92
2	1.07	1.02	0.98	0.94	1.05	1.00	0.96	0.93	0.97	0.94	0.91	0.94	0.91	0.89	0.91	0.89	0.87	0.85
3	1.01	0.95	0.89	0.85	0.99	0.93	0.88	0.85	0.91	0.87	0.83	0.88	0.85	0.82	0.86	0.83	0.81	0.79
4	0.96	0.89	0.83	0.78	0.95	0.87	0.82	0.78	0.85	0.81	0.77	0.83	0.79	0.76	0.81	0.78	0.75	0.74
5	0.92	0.83	0.77	0.73	0.90	0.82	0.77	0.72	0.80	0.76	0.72	0.79	0.74	0.71	0.77	0.73	0.71	0.69
6	0.87	0.78	0.72	0.68	0.86	0.78	0.72	0.68	0.76	0.71	0.67	0.75	0.70	0.67	0.73	0.69	0.66	0.65
7	0.83	0.74	0.68	0.64	0.82	0.74	0.68	0.64	0.72	0.67	0.63	0.71	0.67	0.63	0.70	0.66	0.63	0.61
8	0.80	0.70	0.65	0.60	0.79	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.58
9	0.76	0.67	0.61	0.57	0.75	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.55
10	0.73	0.64	0.58	0.55	0.72	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.53

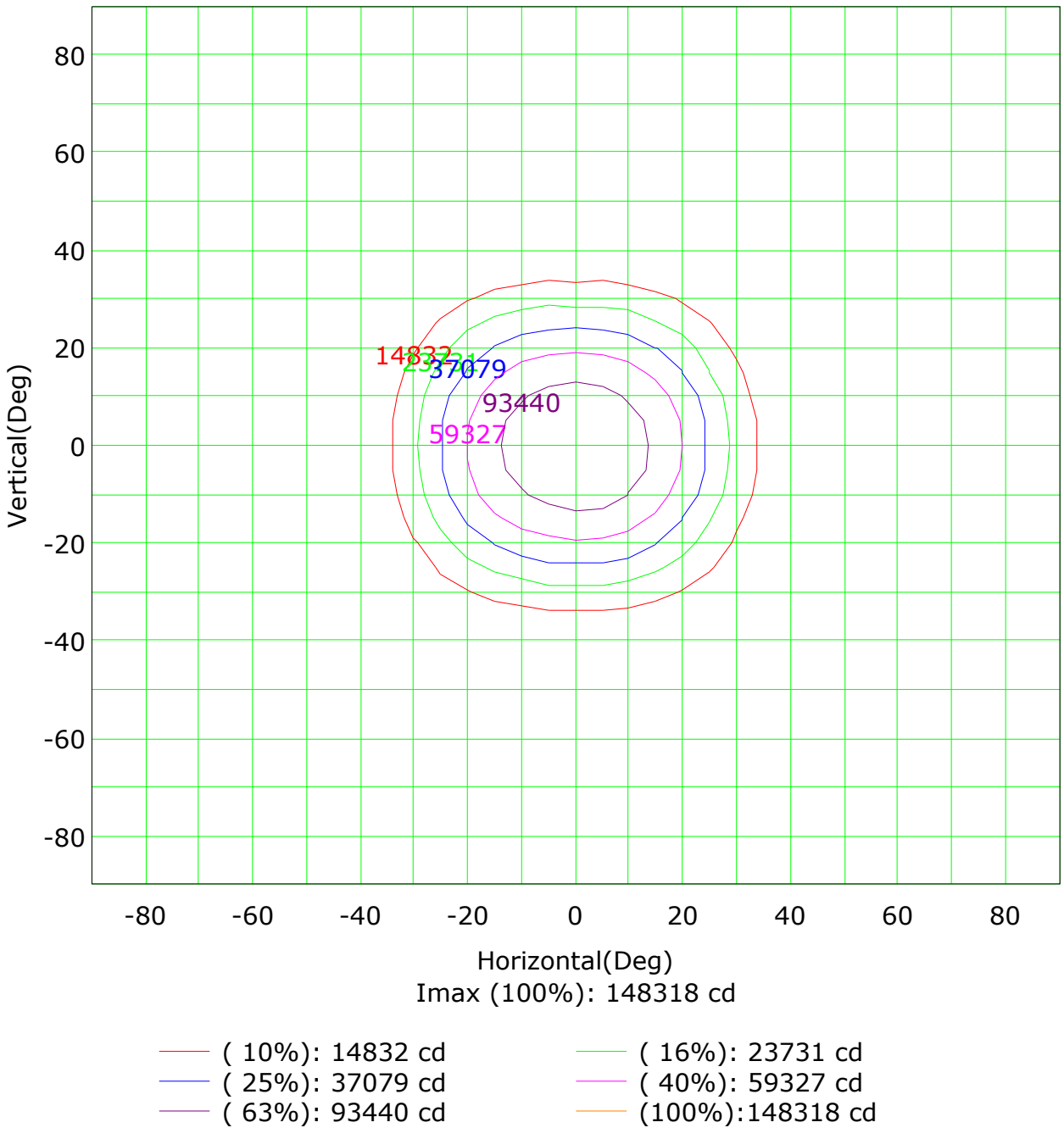
Spacing Criteria (0-180): 0.55
Spacing Criteria (90-270): 0.53
Spacing Criteria (Diagonal): 0.60

Curves of Luminaires vs Lighting Area



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 (rectangle)

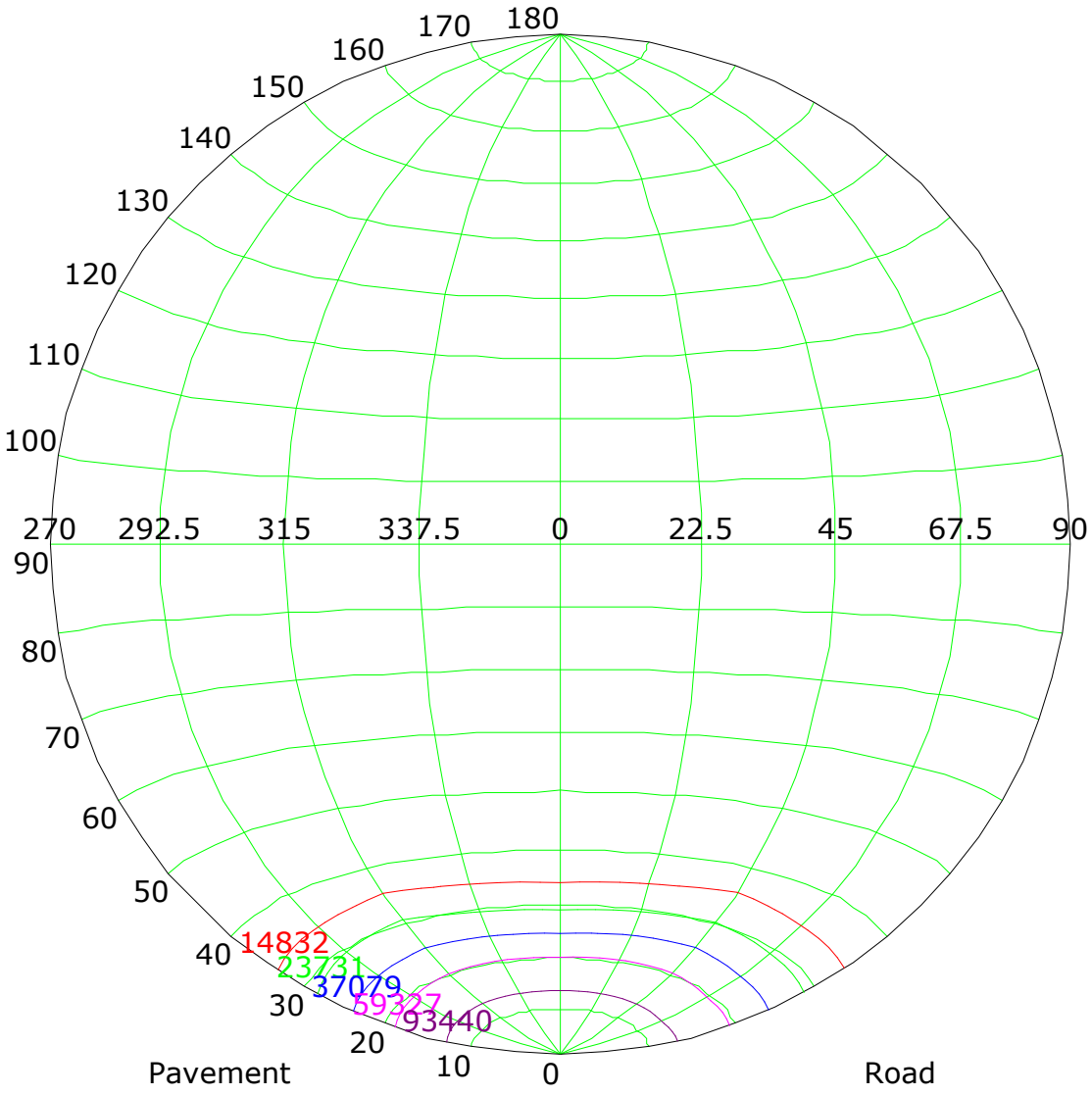


Imax (100%): 148318 cd

(10%): 14832 cd
(16%): 23731 cd
(25%): 37079 cd
(40%): 59327 cd
(63%): 93440 cd
(100%):148318 cd

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%): 148318 cd

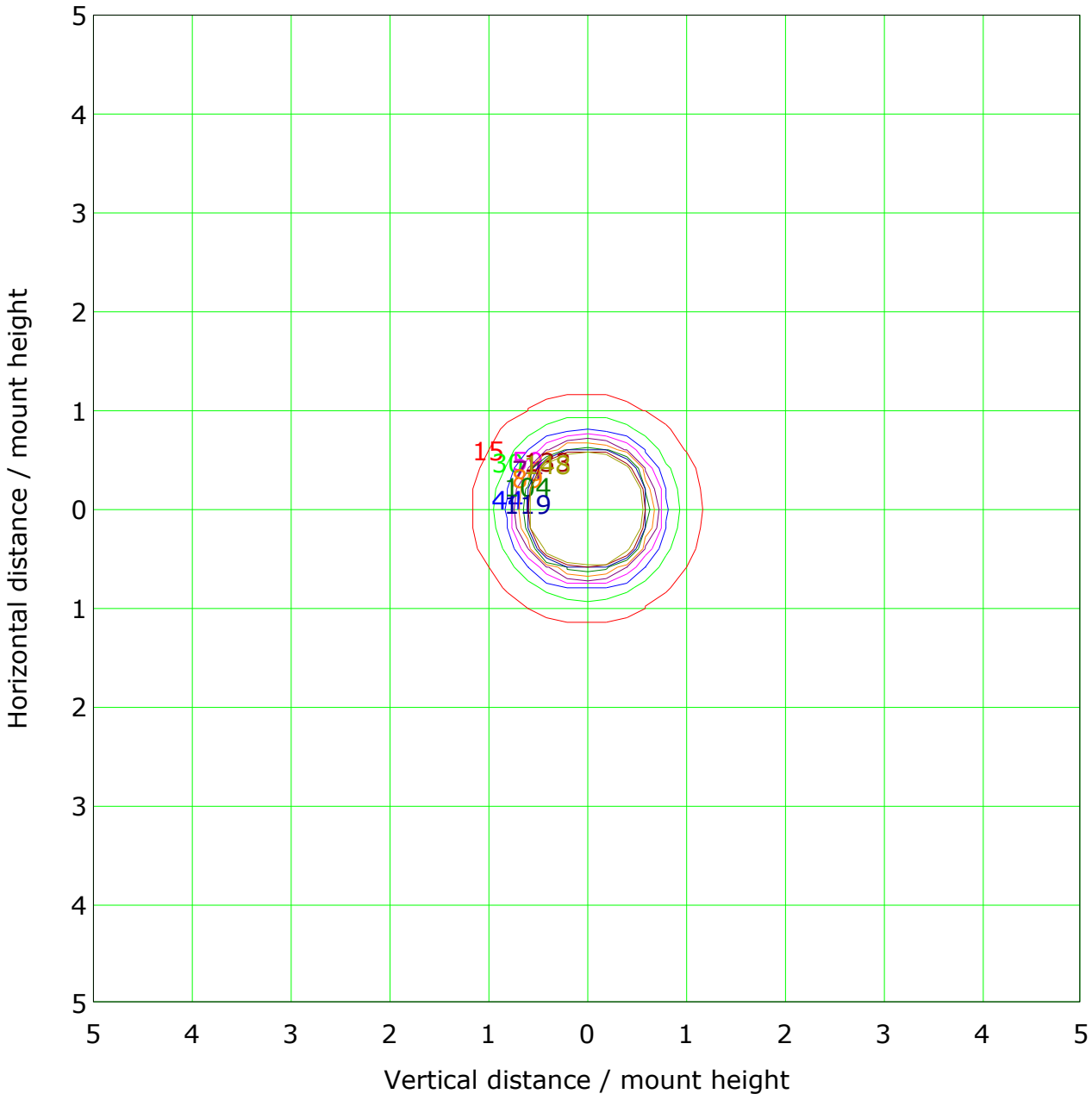
(10%): 14832 cd
(16%): 23731 cd
(25%): 37079 cd
(40%): 59327 cd
(63%): 93440 cd
(100%):148318 cd

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

IES: Cut-off
Max.At80: 8.831 cd/klm
Max.80-90: 8.831 cd/klm

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:

IsoLux Plot



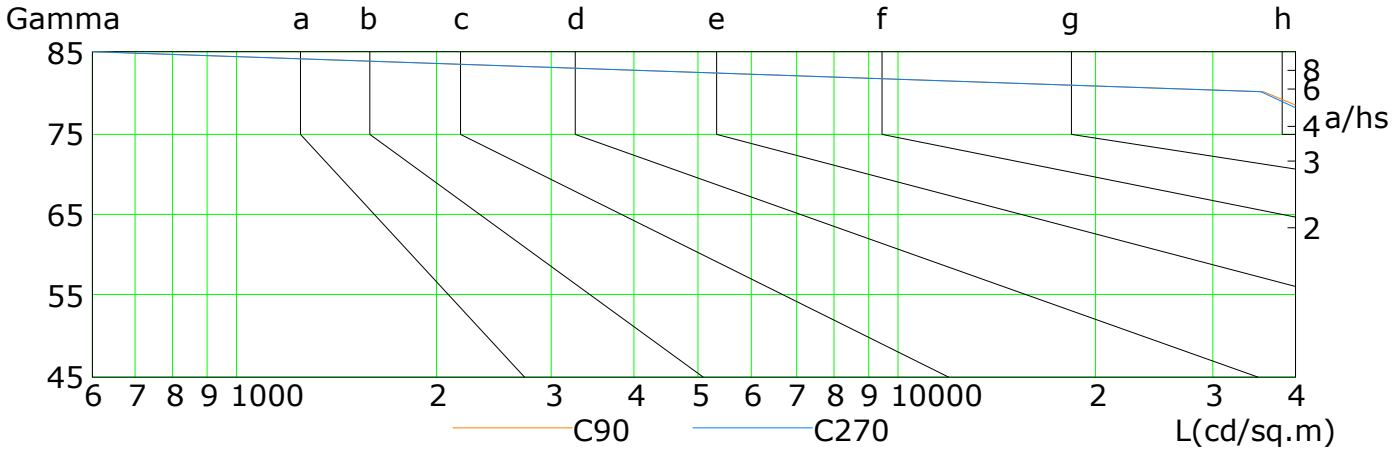
Mounting Height: 10.0m Max Lux(100%): 1482.5 lx

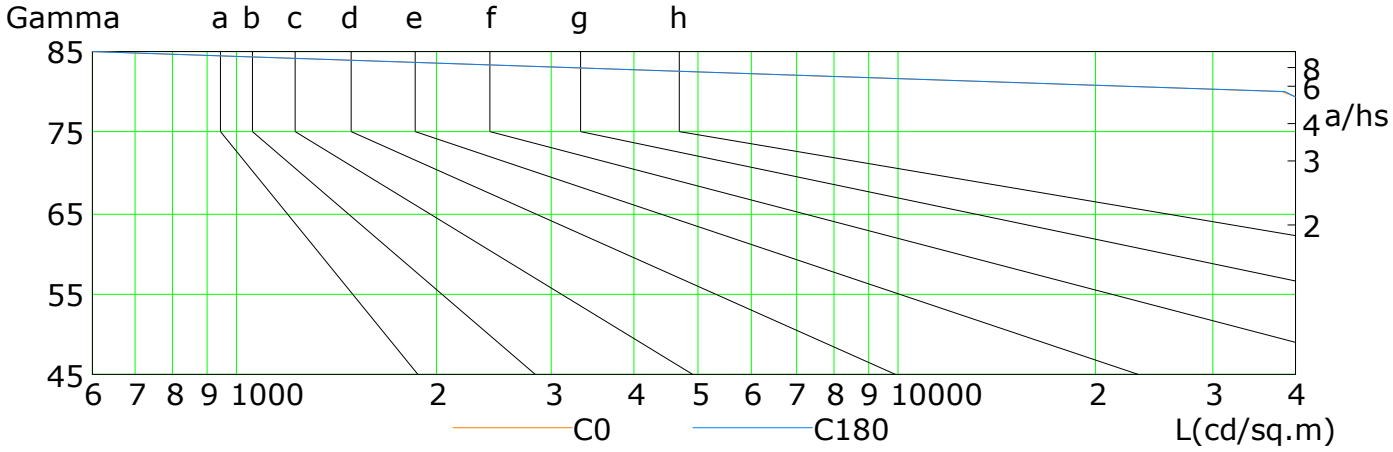
(1%): 14.8 lx
(2%): 29.6 lx
(3%): 44.5 lx
(4%): 59.3 lx
(5%): 74.1 lx
(6%): 88.9 lx
(7%): 103.8 lx
(8%): 118.6 lx
(9%): 133.4 lx
(10%): 148.2 lx

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

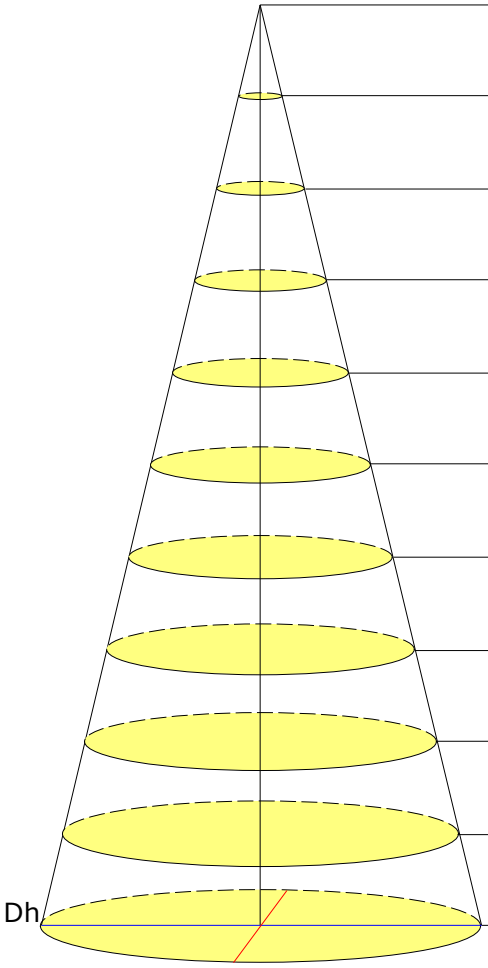




L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	103426	87745	76756	69459	66104	61644	51640	38183	0
C90	100428	86874	75708	67679	62638	59923	50677	35803	0
C180	106504	89920	78116	70109	66618	61204	51331	38455	0
C270	98281	85212	74585	67235	62657	59872	50062	35600	0

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:

Illuminance at a Distance

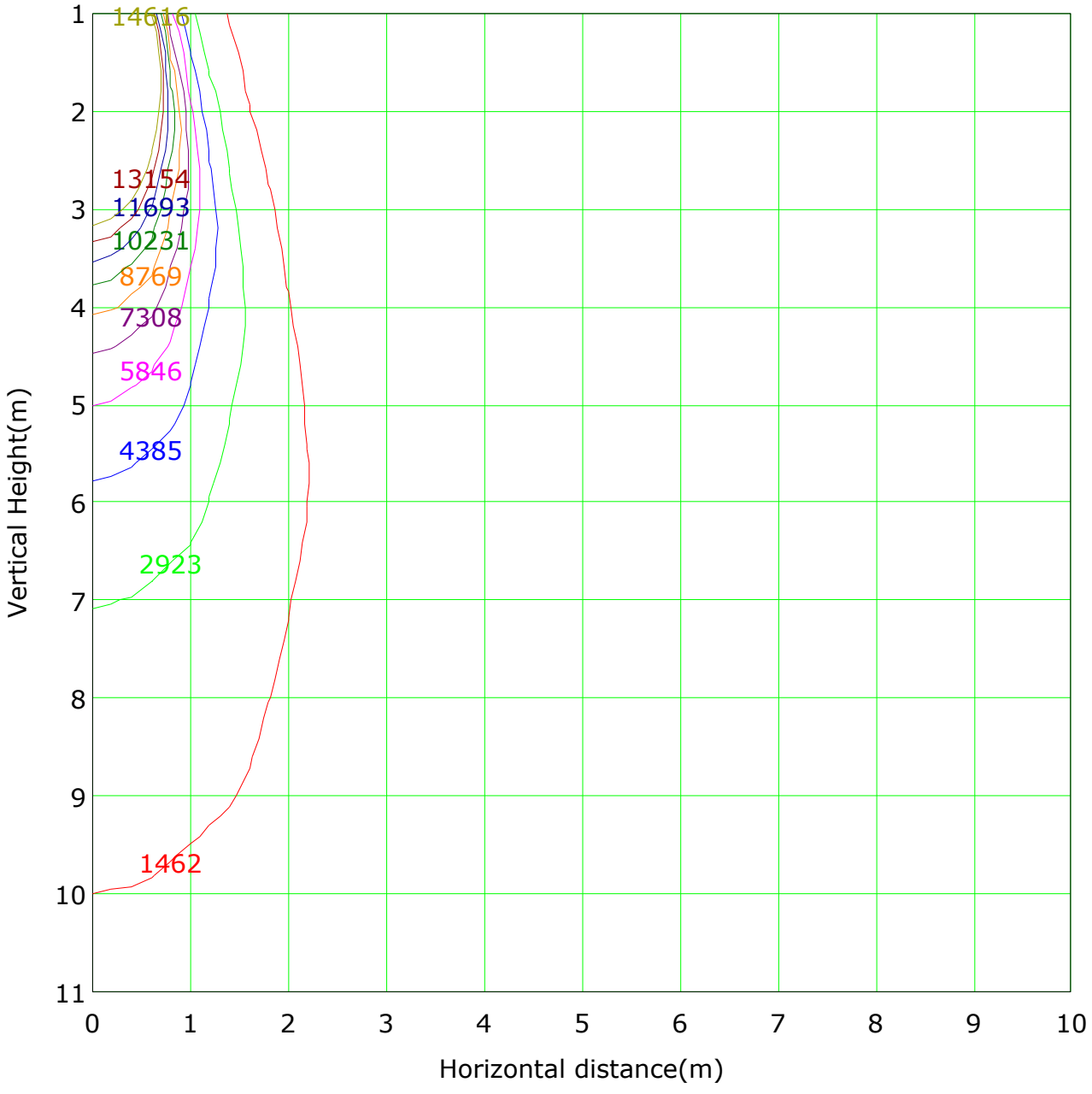


Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
		Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	146157.77	0.61/0.57	0.3	91906.02
		1.34/1.32	1.5	22129.02
2.0	36539.44	1.22/1.14	1.1	22976.50
		2.68/2.64	6.0	5532.26
3.0	16239.75	1.83/1.71	2.6	10211.78
		4.03/3.97	13.5	2458.78
4.0	9134.86	2.44/2.28	4.6	5744.13
		5.37/5.29	23.9	1383.06
5.0	5846.31	3.05/2.85	7.1	3676.24
		6.71/6.61	37.4	885.16
6.0	4059.94	3.66/3.42	10.3	2552.94
		8.05/7.93	53.8	614.70
7.0	2982.81	4.27/3.99	14.0	1875.63
		9.40/9.26	73.3	451.61
8.0	2283.72	4.88/4.56	18.2	1436.03
		10.74/10.58	95.7	345.77
9.0	1804.42	5.49/5.13	23.1	1134.64
		12.08/11.90	121.1	273.20
10.0	1461.58	6.09/5.70	28.5	919.06
		13.42/13.22	149.5	221.29

Beam Angle(B): H33.9 V31.8 Field Angle(F): H67.7 V66.9

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

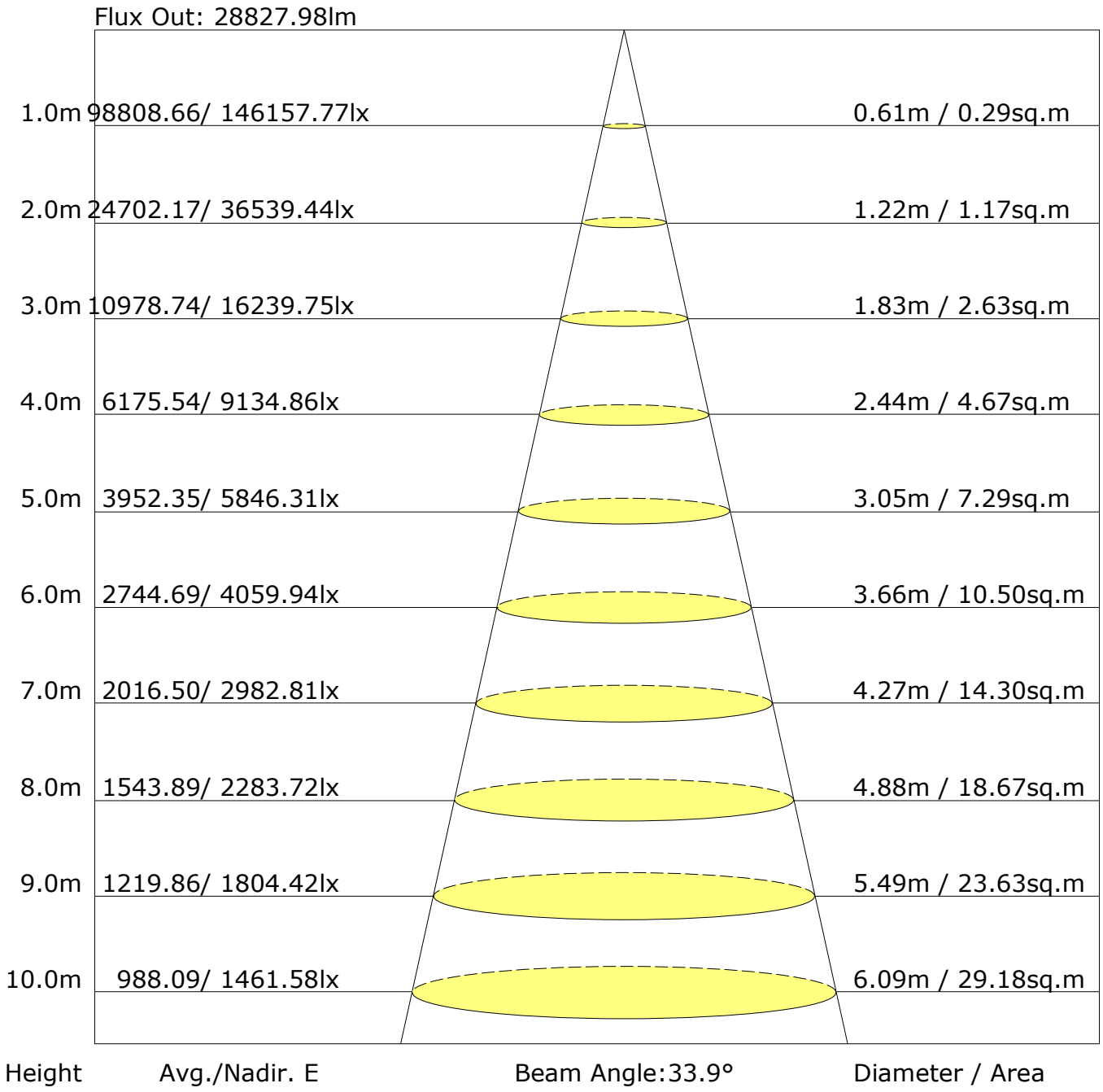


Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 146157.8 lx

(1%):1461.6 lx	(2%):2923.2 lx
(3%):4384.7 lx	(4%):5846.3 lx
(5%):7307.9 lx	(6%):8769.5 lx
(7%):10231.0 lx	(8%):11692.6 lx
(9%):13154.2 lx	(10%):14615.8 lx

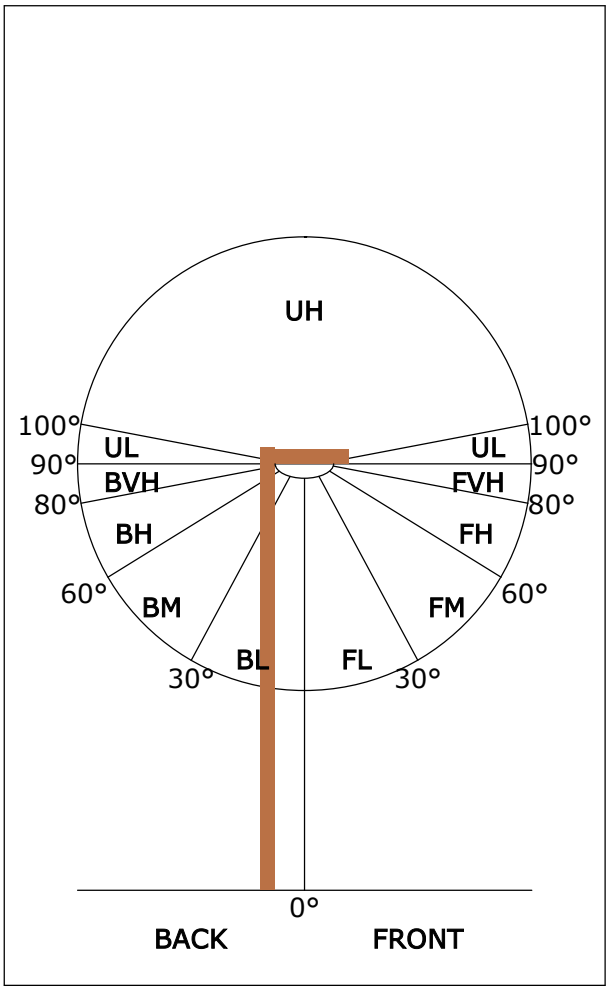
C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab: UL Verification Services (Guangzhou) Co., Ltd.
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

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	37355	50.3
FL (0°-30°)	26478	35.6
FM (30°-60°)	8926	12.0
FH (60°-80°)	1859	2.5
FVH (80°-90°)	92	0.1
BACK LIGHT	36969	49.7
BL (0°-30°)	26170	35.2
BM (30°-60°)	8860	11.9
BH (60°-80°)	1848	2.5
BVH (80°-90°)	91	0.1
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U0 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U0 G2

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	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8
G1.0	144407.6	144562.8	144240.1	143983.8	148317.6	148080.4	147515.4	147376.7	147123.8	146566.6
G2.0	144621.2	144121.5	143998.6	143746.6	148295.8	147948.8	147506.6	147350.6	147177.0	146566.6
G3.0	143219.0	143001.9	142858.9	142388.9	147066.3	147040.1	146636.4	146461.1	146021.6	145573.4
G4.0	140132.1	139849.6	139811.3	139602.8	144047.4	144332.6	143935.8	143925.3	143267.9	142764.7
G5.0	136667.7	136235.2	136352.9	136250.0	140638.8	140734.7	140962.3	140471.4	140266.4	139449.4
G6.0	132953.8	132592.0	132472.5	132354.8	137032.2	137043.5	137487.4	137018.2	136774.9	135839.3
G7.0	129597.5	129213.8	128964.4	128876.4	133450.0	133468.3	134186.8	133661.9	133225.9	132211.8
G8.0	126370.2	126125.2	125602.0	125578.5	130221.0	129955.0	131250.8	130295.1	129943.7	128952.2
G9.0	123190.1	122752.3	122139.3	121194.0	125626.4	126167.1	127133.2	126949.3	126359.8	125183.4
G10.0	117759.2	117277.0	116383.2	114410.8	118121.1	120489.5	120882.7	121358.0	120002.9	119308.8
G11.0	110584.4	110433.6	108973.0	106805.2	110026.3	112840.3	113420.2	113817.8	112526.4	111997.1
G12.0	103512.5	103395.7	102117.3	99122.9	102163.5	104817.0	106394.5	106472.1	104981.8	104440.3
G13.0	96674.3	96798.1	95368.0	92335.2	94863.1	97465.2	99070.5	98986.0	97821.8	97484.4
G14.0	90396.8	90511.9	88953.6	85701.0	87622.0	90325.3	92754.6	92170.4	91000.2	90654.0
G15.0	84325.3	84858.2	83219.8	79665.8	81363.2	83787.7	86502.3	85700.1	84469.8	84526.6
G16.0	78621.3	79381.5	77943.3	74294.3	75606.7	77827.7	80702.3	79490.1	78552.2	78677.8
G17.0	73595.2	73601.8	73094.3	69490.6	70415.9	72421.3	73772.2	73288.2	73006.5	73269.7
G18.0	69033.0	70164.6	69154.3	65342.6	65937.9	68028.1	70551.4	69358.7	68588.1	68936.7
G19.0	64787.3	66004.4	65133.9	61102.3	61443.3	63492.7	66480.8	64622.1	63785.7	64381.3
G20.0	60490.4	61846.1	61120.4	56499.0	56699.5	59226.7	61720.8	60113.6	58818.3	59859.7
G21.0	55652.3	57235.8	56584.3	51483.4	51402.2	54665.2	56304.7	55116.3	53218.6	54861.6
G22.0	50403.5	52090.7	51618.6	46449.2	46072.2	49703.4	50821.8	49717.9	47511.8	49394.3
G23.0	45167.5	46990.8	46799.5	41846.6	41150.1	44747.8	45731.3	44456.4	42205.8	44080.5
G24.0	40360.7	42255.5	42461.8	37899.4	36890.9	40200.2	41293.3	39704.1	37614.2	39408.0
G25.0	36011.8	38008.7	38553.7	34194.0	33066.0	36204.7	37351.6	35515.8	33525.4	35243.5
G26.0	32261.8	34184.3	35067.0	31000.6	29774.6	32662.0	33861.0	31843.0	29979.0	31564.5
G27.0	28899.9	30837.9	31988.2	28140.5	26853.9	29490.0	30816.6	28663.6	26931.1	28345.0
G28.0	25949.6	27833.2	29097.7	25626.7	24292.3	26699.7	28079.5	25860.6	24281.6	25557.9
G29.0	23370.6	25174.9	26607.8	23375.8	22040.7	24230.6	25707.1	23408.8	21992.1	23096.7
G30.0	21151.0	22816.8	24364.2	21380.9	20119.1	22036.1	23557.3	21271.2	20034.2	21011.7
G31.0	19199.4	20751.6	22333.8	19649.7	18406.9	20139.4	21692.3	19436.4	18355.9	19177.3
G32.0	17507.8	18935.2	20547.9	18138.5	16922.5	18429.6	19989.4	17791.6	16911.0	17602.5
G33.0	16038.9	17296.2	18906.3	16689.2	15675.2	16958.8	18438.7	16389.5	15622.3	16195.5
G34.0	14695.1	15769.6	17355.5	15312.8	14481.7	15589.2	16943.9	15026.6	14410.1	14883.9
G35.0	13455.5	14357.4	15838.0	13970.7	13315.1	14338.6	15448.9	13734.8	13234.7	13649.1
G36.0	12276.0	12968.6	14379.8	12671.8	12157.9	13102.3	13995.3	12541.4	12136.3	12422.1

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	11202.2	11686.5	12964.7	11549.8	11084.9	11961.2	12648.7	11388.0	11153.4	11315.7
G38.0	10308.9	10564.5	11713.8	10540.6	10117.4	10890.5	11450.9	10410.6	10324.7	10339.2
G39.0	9543.7	9614.5	10641.7	9687.0	9265.6	9987.9	10434.0	9604.3	9647.7	9494.9
G40.0	8894.0	8862.0	9739.8	8969.7	8551.4	9240.1	9580.3	8896.2	9055.4	8765.8
G41.0	8346.5	8191.7	8964.8	8371.1	7940.2	8591.7	8851.8	8294.6	8519.8	8147.6
G42.0	7831.5	7654.3	8332.2	7839.7	7422.9	8031.0	8228.5	7776.5	8023.6	7636.8
G43.0	7364.3	7204.1	7763.5	7379.5	7018.1	7549.0	7705.4	7325.8	7562.3	7207.7
G44.0	6917.1	6839.2	7271.4	7013.1	6656.3	7106.1	7240.4	6975.3	7101.7	6852.0
G45.0	6523.3	6510.0	6855.3	6641.5	6334.2	6725.6	6829.7	6632.5	6717.4	6516.1
G46.0	6160.8	6196.0	6466.8	6289.7	6036.7	6356.8	6451.5	6313.1	6349.1	6196.9
G47.0	5847.5	5901.7	6099.5	5970.9	5747.5	6009.3	6089.8	6012.2	6012.6	5908.0
G48.0	5556.3	5625.7	5772.9	5673.1	5481.2	5685.5	5755.8	5724.1	5712.3	5635.8
G49.0	5287.3	5357.2	5472.1	5402.9	5226.2	5400.4	5458.1	5442.7	5422.2	5366.6
G50.0	5030.8	5095.9	5199.4	5149.2	4980.9	5135.3	5168.7	5160.7	5155.5	5097.0
G51.0	4791.8	4843.3	4943.7	4912.5	4741.6	4880.5	4908.0	4891.4	4903.1	4837.8
G52.0	4557.2	4607.9	4703.0	4688.5	4505.5	4646.4	4663.5	4642.2	4659.6	4590.9
G53.0	4337.4	4383.9	4473.6	4479.1	4281.8	4429.3	4428.9	4407.4	4427.1	4355.6
G54.0	4119.7	4167.1	4255.3	4270.2	4069.6	4214.4	4204.3	4186.7	4203.1	4137.3
G55.0	3926.9	3964.2	4039.8	4072.1	3873.3	4014.7	3999.5	3972.7	3996.5	3924.7
G56.0	3747.4	3766.5	3843.8	3891.2	3678.1	3818.4	3794.6	3780.1	3805.3	3721.7
G57.0	3570.0	3570.3	3652.4	3708.4	3497.3	3627.3	3605.7	3581.2	3620.3	3518.3
G58.0	3398.1	3385.3	3475.6	3545.6	3326.0	3453.5	3429.7	3394.0	3443.2	3338.2
G59.0	3245.3	3220.1	3311.2	3391.1	3168.6	3291.4	3261.3	3221.2	3281.1	3169.2
G60.0	3097.8	3060.5	3157.7	3247.4	3018.4	3145.6	3114.7	3061.6	3126.8	3011.5
G61.0	2955.9	2914.2	3018.3	3110.7	2875.3	3007.8	2974.8	2912.9	2986.0	2868.1
G62.0	2833.4	2782.1	2888.4	2982.3	2740.5	2875.9	2842.9	2773.9	2857.9	2731.4
G63.0	2712.7	2655.7	2762.4	2860.5	2613.6	2752.3	2713.6	2644.1	2736.1	2604.3
G64.0	2601.6	2539.1	2652.5	2733.9	2486.6	2627.1	2592.6	2519.5	2623.0	2483.4
G65.0	2491.9	2414.3	2531.2	2608.0	2361.2	2506.5	2477.5	2399.5	2511.2	2362.9
G66.0	2384.6	2293.1	2408.7	2472.2	2244.2	2392.2	2362.9	2275.0	2387.3	2253.1
G67.0	2269.0	2168.3	2279.3	2336.6	2136.8	2285.2	2243.6	2144.8	2258.0	2142.8
G68.0	2140.8	2032.5	2145.7	2202.2	2036.3	2178.5	2118.8	2015.0	2126.7	2027.6
G69.0	2010.4	1903.9	2010.6	2074.8	1932.2	2071.9	1989.7	1885.3	1994.7	1909.1
G70.0	1880.6	1768.5	1875.7	1943.1	1828.1	1953.2	1849.7	1751.0	1867.2	1778.9
G71.0	1747.3	1632.3	1735.7	1814.1	1714.0	1823.0	1718.5	1617.2	1733.2	1638.6
G72.0	1607.8	1500.7	1607.5	1687.0	1601.8	1691.4	1586.7	1489.2	1595.4	1501.7
G73.0	1470.8	1374.5	1475.7	1558.4	1471.7	1562.5	1455.3	1363.8	1460.1	1371.7

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	1327.2	1248.8	1345.4	1413.3	1314.5	1418.1	1324.8	1238.7	1317.5	1242.3
G75.0	1192.2	1129.7	1222.8	1258.3	1169.9	1258.5	1201.0	1118.5	1185.0	1119.4
G76.0	1057.9	1008.8	1095.3	1114.9	1038.7	1105.1	1075.6	999.4	1051.5	996.2
G77.0	933.4	895.4	977.9	985.2	911.2	971.1	953.5	883.2	931.5	879.8
G78.0	812.6	782.3	849.6	857.4	785.0	834.6	824.8	773.3	813.0	762.5
G79.0	702.3	673.5	722.4	737.9	669.5	712.3	701.2	665.9	702.8	650.9
G80.0	591.4	571.8	613.2	628.9	554.6	594.8	590.1	566.4	595.6	549.0
G81.0	489.9	476.4	508.0	517.9	445.2	480.6	485.2	473.2	495.5	451.6
G82.0	396.7	389.8	411.4	419.2	351.9	379.5	389.1	385.3	402.9	361.1
G83.0	307.6	307.0	323.0	325.7	265.3	284.3	304.0	306.1	315.9	284.9
G84.0	230.9	237.7	243.1	243.9	186.2	204.9	227.6	237.7	243.8	213.6
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8	146157.8			
G1.0	146427.1	146117.5	145593.5	145522.0	145119.1	144670.0	144407.6			
G2.0	146597.2	145993.7	145576.9	145333.6	145199.3	144742.4	144621.2			
G3.0	145306.6	144575.9	144275.0	143870.4	143491.1	143517.3	143219.0			
G4.0	142190.1	141122.7	140862.0	140665.8	140280.4	140279.5	140132.1			
G5.0	138477.1	137587.6	136530.8	136916.2	137121.1	136679.9	136667.7			
G6.0	134617.6	133575.6	132585.0	133347.1	133845.0	132890.2	132953.8			
G7.0	130791.3	129740.5	128676.7	130300.3	130412.8	129612.3	129597.5			
G8.0	127635.5	126269.1	125007.3	126664.1	127377.4	126250.8	126370.2			
G9.0	124090.0	122329.4	121065.9	121075.5	122122.7	122882.2	123190.1			
G10.0	118373.1	115886.2	114688.1	113902.4	115389.1	117495.0	117759.2			
G11.0	110820.7	108030.3	106378.8	106508.7	108324.2	110672.5	110584.4			
G12.0	103179.4	100140.5	98471.5	99336.5	101956.9	103547.4	103512.5			
G13.0	96129.3	92897.6	90626.1	92828.8	95843.3	96917.6	96674.3			
G14.0	89648.6	86134.8	83855.7	86893.4	90053.2	90518.8	90396.8			
G15.0	83397.2	79930.1	77410.8	81240.1	84646.4	84759.4	84325.3			
G16.0	77756.5	74356.8	71480.7	76197.6	79875.2	79009.8	78621.3			
G17.0	72731.6	69755.4	66753.1	71377.6	73638.0	73054.3	73595.2			
G18.0	68397.3	65183.5	62087.9	67130.6	70957.0	69806.0	69033.0			
G19.0	64133.9	60970.3	57877.3	61775.7	65923.7	65463.7	64787.3			
G20.0	60158.7	56835.3	53908.1	56202.6	60222.2	61254.6	60490.4			
G21.0	55857.4	52319.2	49587.3	50980.3	54822.9	56491.5	55652.3			
G22.0	50988.7	47380.8	44765.0	46311.7	49942.5	51363.2	50403.5			
G23.0	45975.4	42721.3	40145.5	42102.1	45485.8	46296.5	45167.5			
G24.0	41509.6	38500.6	35968.7	38403.8	41608.5	41617.1	40360.7			
G25.0	37472.9	34735.2	32278.9	35064.0	38147.0	37408.3	36011.8			
G26.0	33844.6	31428.8	28999.2	32154.9	35047.9	33773.6	32261.8			
G27.0	30680.3	28464.3	26114.2	29456.6	32273.8	30459.2	28899.9			
G28.0	27824.3	25849.8	23617.9	27043.0	29687.8	27542.9	25949.6			
G29.0	25343.9	23564.7	21436.8	24788.9	27401.2	24952.8	23370.6			
G30.0	23152.2	21527.9	19504.6	22665.6	25314.7	22643.1	21151.0			
G31.0	21194.0	19747.1	17823.5	20551.5	23249.4	20636.1	19199.4			
G32.0	19479.1	18150.9	16388.3	18574.7	21182.3	18840.9	17507.8			
G33.0	17942.4	16755.5	15099.3	16718.4	19163.6	17232.7	16038.9			
G34.0	16534.6	15423.9	13971.9	15072.9	17271.8	15760.6	14695.1			
G35.0	15227.2	14128.6	12901.6	13633.2	15586.0	14300.7	13455.5			
G36.0	13945.0	12910.4	11856.2	12399.1	14133.3	12926.3	12276.0			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	12688.3	11705.8	10828.2	11350.0	12816.4	11606.3	11202.2			
G38.0	11530.4	10629.9	9896.4	10433.4	11667.4	10544.6	10308.9			
G39.0	10522.0	9731.6	9051.7	9645.6	10706.2	9595.8	9543.7			
G40.0	9645.8	8920.6	8344.0	8986.9	9815.0	8803.0	8894.0			
G41.0	8876.3	8279.3	7750.2	8373.2	9062.7	8148.6	8346.5			
G42.0	8195.4	7753.7	7262.3	7896.1	8433.3	7603.4	7831.5			
G43.0	7648.3	7274.5	6866.8	7461.3	7870.2	7135.7	7364.3			
G44.0	7142.3	6871.8	6514.6	7077.7	7383.0	6793.0	6917.1			
G45.0	6720.2	6475.8	6198.8	6741.8	6964.9	6448.7	6523.3			
G46.0	6330.6	6133.4	5908.7	6405.9	6576.8	6136.6	6160.8			
G47.0	5966.1	5807.3	5634.3	6086.4	6235.2	5848.3	5847.5			
G48.0	5638.2	5518.5	5374.9	5778.1	5897.5	5572.8	5556.3			
G49.0	5343.6	5245.3	5121.1	5481.0	5609.3	5299.6	5287.3			
G50.0	5069.3	4997.2	4885.6	5207.5	5341.1	5038.5	5030.8			
G51.0	4823.0	4760.7	4648.0	4944.2	5084.6	4792.0	4791.8			
G52.0	4582.6	4551.2	4419.1	4707.8	4841.4	4553.7	4557.2			
G53.0	4351.5	4341.8	4204.5	4486.8	4593.7	4327.7	4337.4			
G54.0	4137.8	4139.4	4003.5	4277.5	4354.8	4110.2	4119.7			
G55.0	3931.8	3949.4	3815.9	4073.8	4124.0	3912.8	3926.9			
G56.0	3731.8	3761.0	3628.9	3879.9	3899.5	3714.8	3747.4			
G57.0	3548.4	3586.4	3455.9	3691.4	3684.9	3527.4	3570.0			
G58.0	3377.2	3425.4	3294.1	3512.8	3491.0	3350.4	3398.1			
G59.0	3219.1	3276.6	3141.6	3346.2	3307.6	3190.4	3245.3			
G60.0	3070.9	3127.8	2998.6	3200.0	3139.3	3032.0	3097.8			
G61.0	2933.1	2998.0	2859.6	3054.8	2984.0	2891.6	2955.9			
G62.0	2808.5	2867.2	2730.1	2917.4	2830.5	2755.7	2833.4			
G63.0	2685.3	2747.9	2605.6	2783.4	2694.1	2630.9	2712.7			
G64.0	2565.8	2633.9	2483.2	2651.6	2555.8	2505.6	2601.6			
G65.0	2453.7	2520.2	2361.9	2516.8	2428.4	2387.6	2491.9			
G66.0	2340.7	2407.7	2248.7	2386.8	2302.9	2269.6	2384.6			
G67.0	2233.9	2303.7	2146.7	2264.4	2185.8	2147.1	2269.0			
G68.0	2127.1	2188.6	2042.3	2142.5	2068.4	2022.0	2140.8			
G69.0	2010.9	2072.5	1939.2	2027.5	1953.9	1894.4	2010.4			
G70.0	1883.7	1946.3	1826.5	1904.0	1841.1	1758.0	1880.6			
G71.0	1750.8	1818.4	1710.7	1784.1	1726.4	1625.2	1747.3			
G72.0	1611.3	1686.0	1591.4	1668.1	1614.8	1494.1	1607.8			
G73.0	1472.4	1549.8	1445.2	1554.4	1495.5	1365.8	1470.8			

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	1339.7	1405.4	1293.9	1427.1	1373.8	1241.6	1327.2			
G75.0	1210.9	1244.1	1155.7	1287.5	1250.3	1122.5	1192.2			
G76.0	1078.5	1093.9	1027.9	1151.0	1123.2	1007.0	1057.9			
G77.0	951.4	959.8	900.1	1023.2	992.3	887.1	933.4			
G78.0	822.1	828.2	778.4	900.4	865.3	774.7	812.6			
G79.0	693.5	703.3	666.1	775.6	740.6	667.8	702.3			
G80.0	575.9	588.6	551.4	656.4	623.4	568.1	591.4			
G81.0	471.3	480.4	449.1	541.3	512.6	468.7	489.9			
G82.0	375.1	378.0	359.3	434.6	415.8	379.8	396.7			
G83.0	286.1	287.2	267.5	333.0	323.8	301.6	307.6			
G84.0	209.2	200.3	186.4	242.2	240.4	234.9	230.9			
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	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	66360.98
L 0-180(75) av	51485.58
L 0-180(85) av	0.00
L 90-270(65) av	62647.79
L 90-270(75) av	50369.79
L 90-270(85) av	0.00
L 45(65) av	65595.53
L 45(75) av	52900.98
L 45(85) av	0.00

Standard: GB/T 29293-2012