

Report No.:

Test Time: 2017-10-31 11:38:54

Luminaire Property

Luminaire Manufacturer: ASD LIGHTING CORP

Luminaire Description: ASD-WLP01L-48N40B-PRM

Number of Lamps: 1

Lumens per Lamp: -1.0 lm

Luminous Length (mm): 0 mm

Luminous Width (mm): 0 mm

Luminous Height (mm): 0 mm

Power: 47.90 W

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 6478.0 lm

Measurement Flux: 6478 lm

Efficiency: 100%

Downward Ratio: 94%

Upward Ratio: 6%

Horizontal Diffuse Angle(10%,50%): H156.4,H117.6

Vertical Diffuse Angle(10%,50%): V150.3,V110.4

Luminaire Efficacy Rating (LER): 135.29

Central Intensity: 1567.18 cd

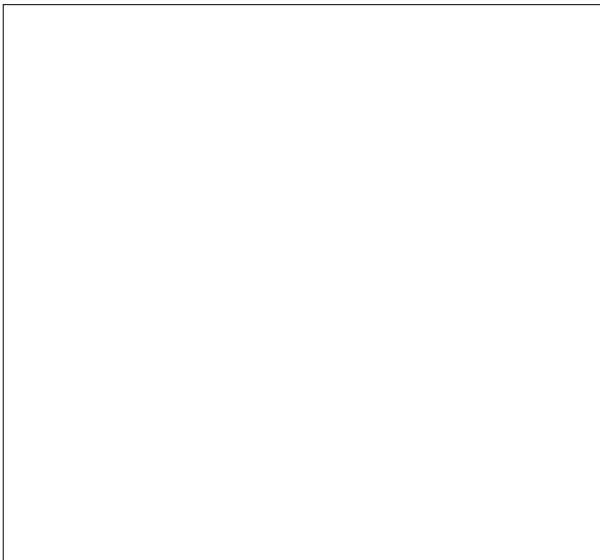
Max. Intensity: 3444.18 cd

Pos of Max. Intensity: H90 V51

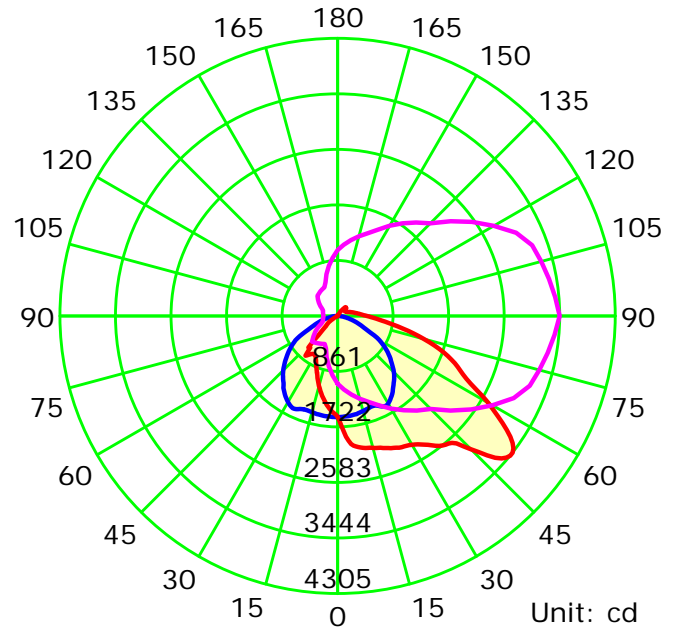
S/MH(C0/C180): 1.42

S/MH(C90/C270): 1.63

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G51

C Plane (°):0.0-360.0: 22.5

Test Lab: Standard-Tech Co., Ltd.

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

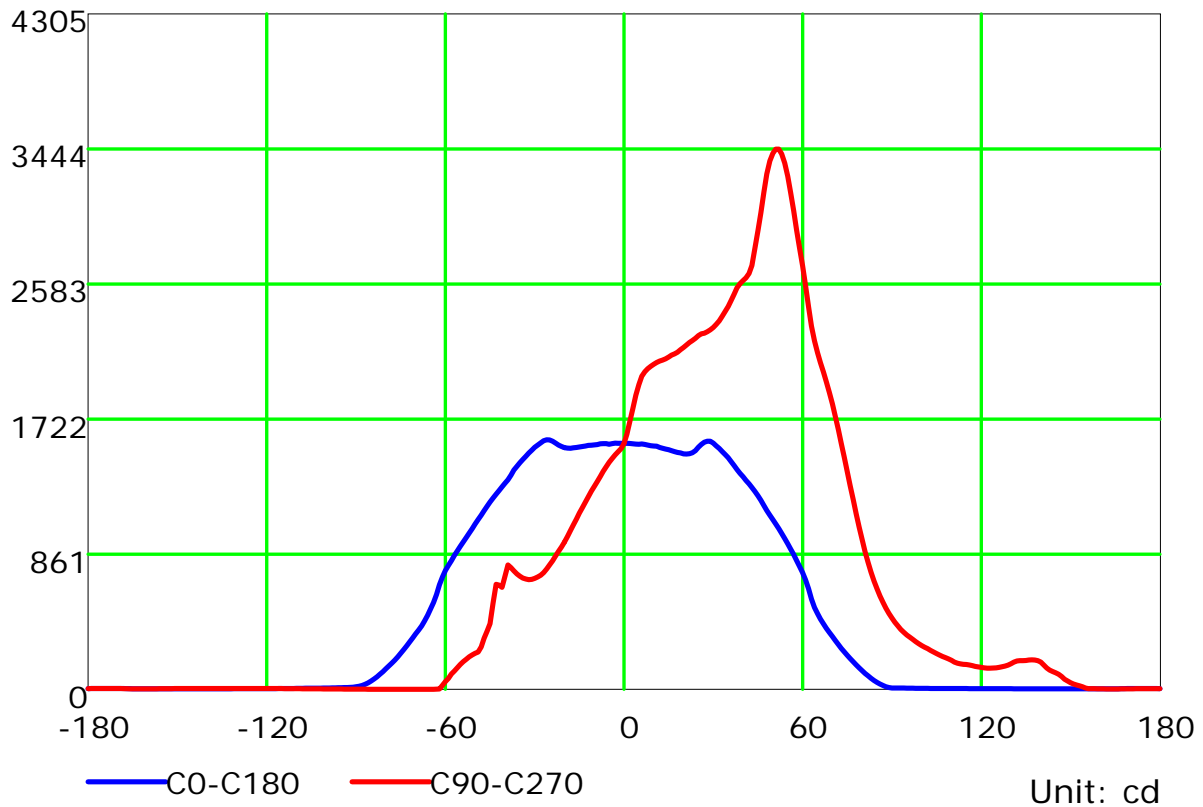
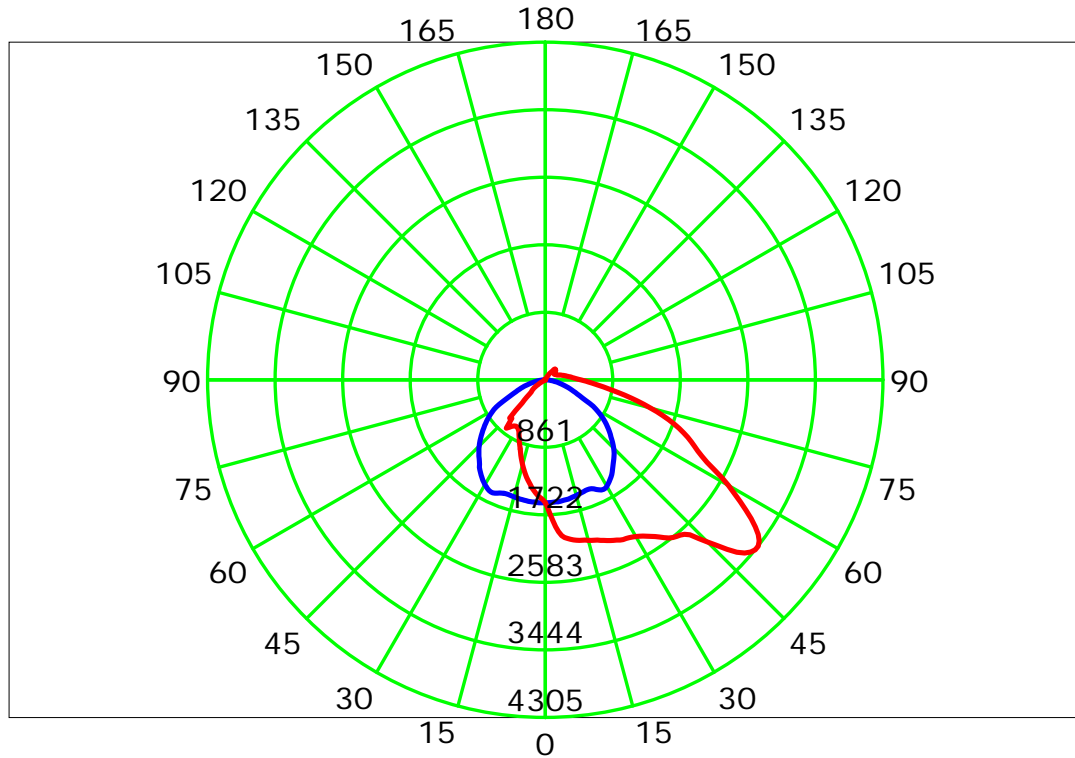
Test Device:

Distance:

Humidity:

Inspector:

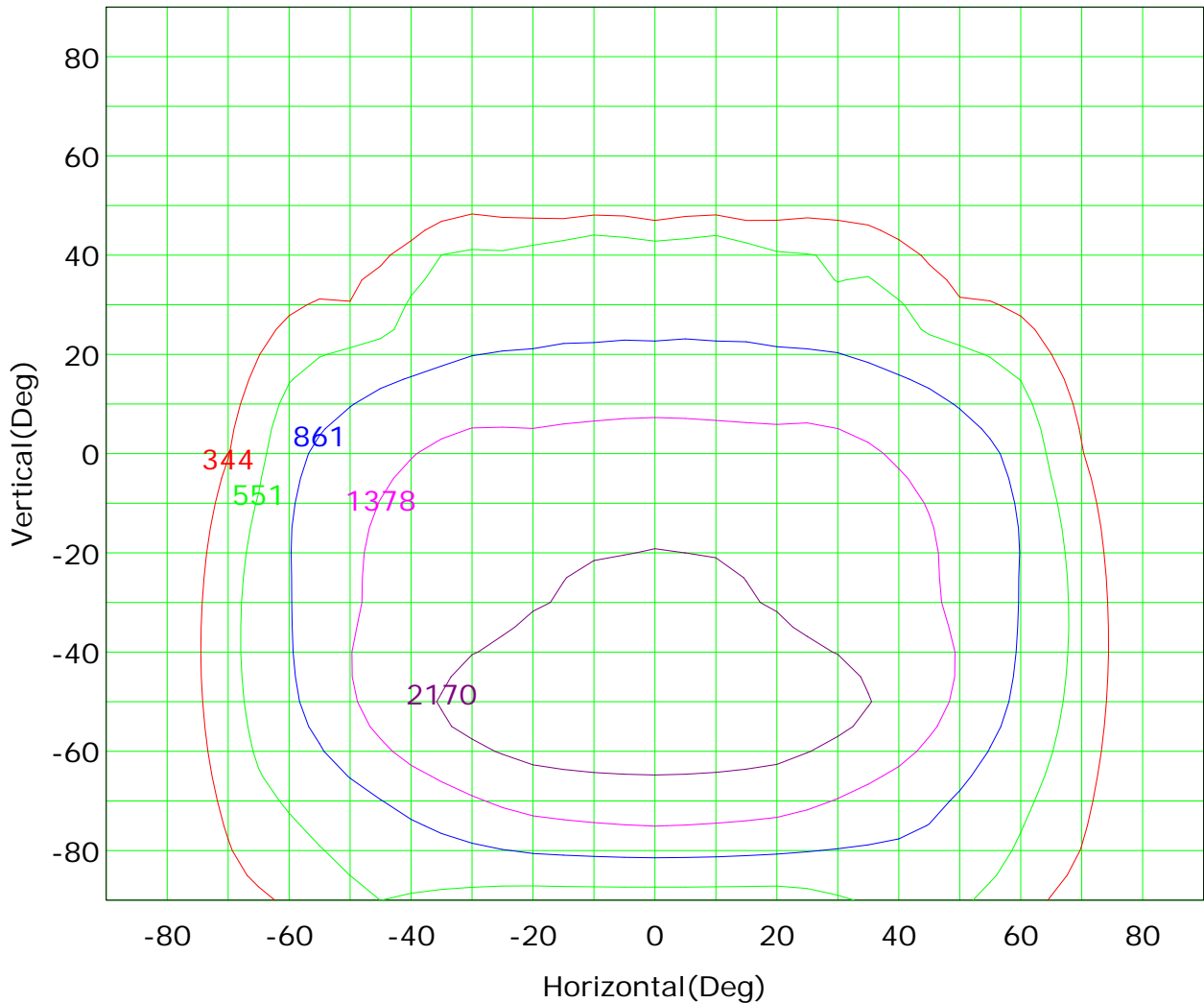
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Isocandela (rectangle)



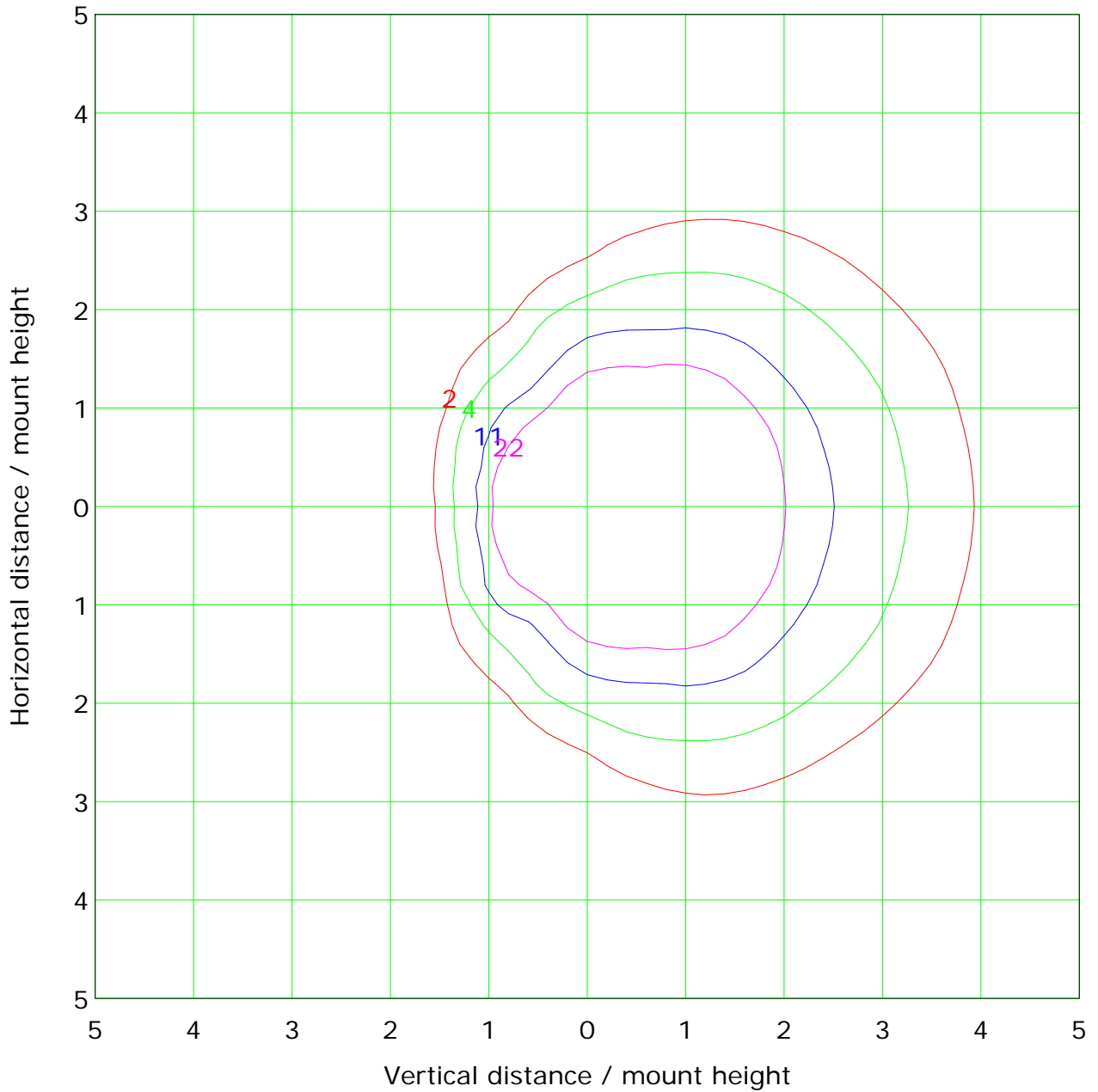
I_{max} (100%): 3444 cd

— (10%):	344 cd	— (16%):	551 cd
— (25%):	861 cd	— (40%):	1378 cd
— (63%):	2170 cd	— (100%):	3444 cd

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech 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: 3.0m Max Lux(100%): 220.5 lx
 — (1%): 2.2 lx — (2%): 4.4 lx
 — (5%): 11.0 lx — (10%): 22.0 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Area Flux Table

Unit: lm

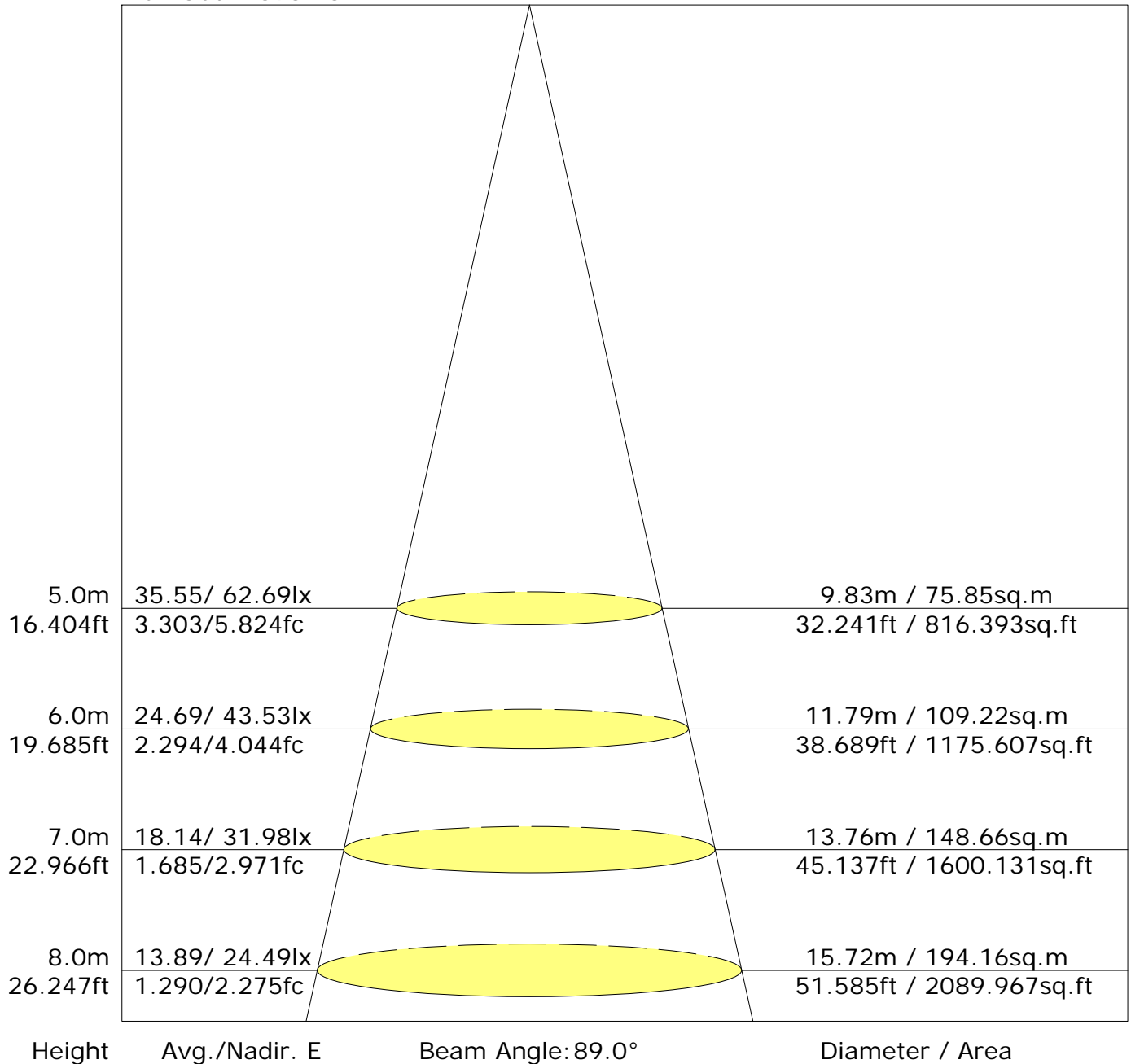
	Vertical plane										Horizontal plane																														
-90	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
-80	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	0.2	0.2	0.4	0.3	0.7	0.6	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-60	0.1	0.4	0.7	1.4	3.1	4.1	4.7	5.0	4.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
-50	0.1	0.6	1.5	3.2	5.4	9.0	11.2	13.1	14.4	14.7	13.7	12.0	9.9	5.6	3.4	1.5	0.6	0.1	120.1	78.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6		
-40	0.1	0.9	2.7	4.9	8.5	13.6	16.3	20.1	21.7	21.8	20.6	17.0	14.4	8.6	5.1	2.6	0.9	0.1	180.0	159.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
-30	0.2	1.3	3.9	7.7	11.8	17.3	20.5	23.3	24.5	24.4	23.1	20.3	17.1	11.4	7.7	3.9	1.2	0.1	219.7	211.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
-20	0.2	1.6	5.2	11.2	17.4	24.0	29.4	32.3	34.1	33.8	31.9	28.8	23.6	17.3	11.2	5.1	1.5	0.2	308.6	302.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-10	0.2	1.8	6.5	14.5	23.1	32.1	38.8	41.5	43.4	43.4	41.2	38.1	32.5	23.6	14.6	6.2	1.7	0.2	403.4	398.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
0	0.2	2.1	7.5	16.8	27.5	38.7	47.6	53.5	57.0	56.7	53.4	47.5	39.4	28.3	17.2	7.2	2.0	0.2	502.9	499.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
10	0.3	2.4	8.2	18.0	30.2	43.2	53.4	60.3	64.0	63.8	60.3	53.7	43.8	31.1	18.5	8.0	2.4	0.3	561.6	558.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
20	0.3	2.6	8.5	18.4	31.4	44.8	55.3	63.5	67.6	67.5	63.4	55.7	45.4	32.4	18.8	8.4	2.6	0.3	587.1	584.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
30	0.3	2.7	8.5	18.5	33.1	47.1	58.6	68.2	72.9	72.7	67.9	58.8	47.6	33.8	18.7	8.5	2.7	0.3	620.9	618.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
40	0.3	2.7	8.2	18.4	35.1	52.7	70.5	82.6	87.6	87.3	81.6	70.0	52.7	35.6	18.6	8.4	2.7	0.3	715.2	712.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
50	0.3	2.6	7.7	16.4	31.4	50.5	70.8	88.6	95.5	95.5	88.8	71.3	51.5	32.0	16.4	7.8	2.6	0.3	730.1	727.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
60	0.3	2.4	6.8	13.7	23.8	36.7	50.2	60.5	65.6	65.6	60.5	50.2	36.3	22.8	13.1	6.9	2.4	0.3	517.9	514.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70	0.3	2.2	6.0	11.6	18.4	25.0	32.5	38.2	41.4	41.3	37.8	31.6	23.2	16.1	10.5	5.8	2.1	0.3	344.2	339.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80	0.3	1.8	5.1	9.9	15.3	17.2	18.0	19.2	20.0	20.0	19.1	17.4	15.3	12.8	8.6	4.8	1.8	0.3	206.9	200.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
90	3.7	28.6	87.4	185.2	315.9	456.9	578.3	670.1	714.8	713.3	667.9	577.4	445.7	314.7	184.2	86.1	27.9	3.4	6073		3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	6073			
Flux(E)	0.0	8.9	77.2	175.3	305.3	448.7	570.4	662.1	707.0	705.8	660.8	570.6	450.1	304.6	174.0	75.4	8.6	0.0	5905		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

The Average Illuminance Effective Figure

Flux Out: 2696.26lm



C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

UGR Table

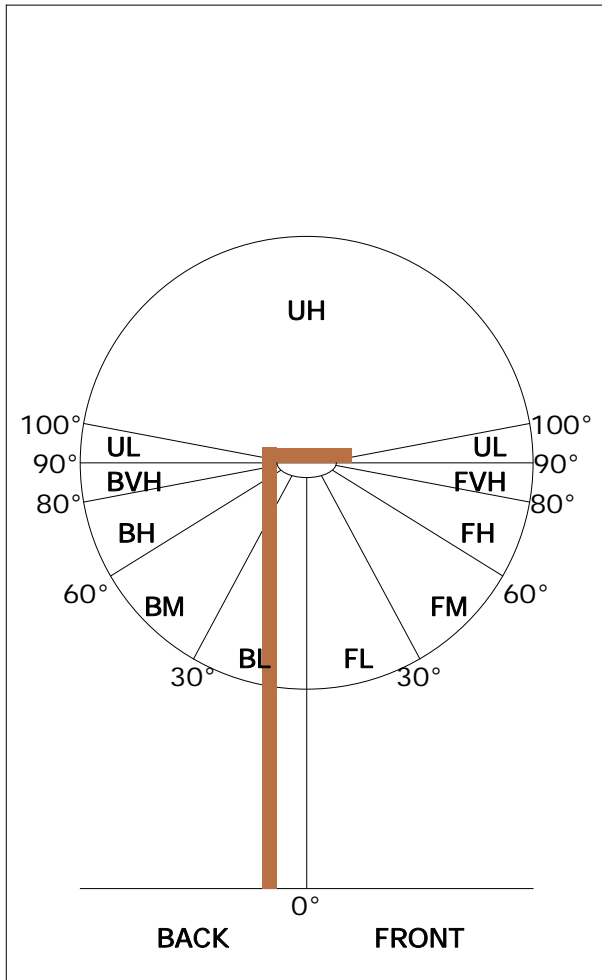
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 6478lm ($8\log(F/F_0) = 6.5$).

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	3032	46.8
FL (0°-30°)	662	10.2
FM (30°-60°)	1550	23.9
FH (60°-80°)	678	10.5
FVH (80°-90°)	142	2.2
BACK LIGHT	3041	46.9
BL (0°-30°)	665	10.3
BM (30°-60°)	1541	23.8
BH (60°-80°)	683	10.5
BVH (80°-90°)	152	2.4
UP LIGHT	405	6.2
UL (90°-100°)	164	2.5
UH (100°-180°)	241	3.7
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U5 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U5 G1

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2
G1.0	1568.9	1587.3	1607.6	1624.2	1626.4	1619.3	1608.2	1587.5	1568.5	1550.0
G2.0	1567.8	1611.8	1662.7	1702.7	1710.4	1696.9	1666.7	1614.4	1568.4	1536.8
G3.0	1565.8	1639.4	1721.6	1770.7	1788.6	1768.2	1725.4	1641.7	1570.0	1524.8
G4.0	1563.5	1670.3	1773.8	1850.1	1875.9	1847.7	1779.0	1670.0	1566.8	1515.6
G5.0	1562.2	1701.2	1831.4	1920.3	1942.6	1916.2	1842.4	1703.5	1562.9	1507.4
G6.0	1564.0	1729.8	1885.8	1970.1	1996.3	1970.8	1901.2	1735.3	1566.2	1496.8
G7.0	1561.0	1755.4	1927.5	2004.7	2025.1	2004.6	1943.7	1763.9	1566.1	1485.3
G8.0	1557.6	1780.3	1964.2	2022.7	2043.6	2024.5	1980.7	1791.3	1565.8	1475.5
G9.0	1552.9	1807.9	1988.1	2037.9	2059.5	2037.5	2005.6	1824.0	1560.6	1466.3
G10.0	1551.5	1840.6	2004.3	2048.9	2072.9	2055.6	2018.2	1854.2	1558.2	1455.0
G11.0	1549.8	1864.9	2012.7	2059.5	2083.5	2065.1	2027.6	1876.9	1556.1	1442.3
G12.0	1542.2	1886.4	2019.5	2067.2	2093.4	2074.4	2033.6	1894.8	1555.2	1429.6
G13.0	1536.7	1904.3	2028.2	2075.3	2099.4	2083.7	2040.3	1910.9	1551.4	1417.6
G14.0	1531.8	1922.5	2034.9	2085.5	2107.1	2092.0	2045.7	1925.8	1548.0	1402.9
G15.0	1527.8	1938.1	2040.4	2091.7	2118.9	2099.9	2049.5	1931.9	1544.6	1391.6
G16.0	1521.2	1945.9	2045.7	2099.9	2131.1	2110.0	2053.7	1936.4	1541.5	1379.0
G17.0	1515.6	1947.9	2048.7	2109.6	2138.9	2120.4	2057.7	1937.7	1540.0	1360.4
G18.0	1510.7	1949.8	2051.6	2115.6	2149.5	2129.8	2058.6	1935.8	1537.4	1347.6
G19.0	1507.7	1949.4	2055.5	2125.9	2165.2	2138.7	2058.6	1932.3	1538.4	1336.2
G20.0	1501.1	1949.0	2055.6	2142.4	2179.6	2151.1	2060.3	1929.5	1541.3	1318.5
G21.0	1499.9	1945.6	2057.2	2154.7	2194.6	2164.4	2061.8	1925.5	1548.0	1303.5
G22.0	1502.5	1942.8	2057.3	2168.1	2211.5	2175.3	2062.2	1920.8	1557.5	1288.5
G23.0	1508.1	1941.2	2059.4	2182.0	2223.3	2193.1	2064.5	1919.9	1569.9	1270.3
G24.0	1521.9	1937.3	2062.0	2193.1	2237.7	2202.7	2067.8	1914.3	1581.8	1254.9
G25.0	1543.6	1929.6	2067.7	2201.8	2254.8	2211.5	2069.1	1908.8	1589.6	1237.3
G26.0	1561.8	1921.1	2074.6	2212.8	2266.0	2223.8	2071.6	1904.4	1590.6	1218.5
G27.0	1576.1	1915.3	2080.5	2221.0	2270.2	2230.7	2075.1	1898.7	1584.4	1201.7
G28.0	1582.1	1907.2	2084.6	2224.0	2279.6	2232.8	2076.7	1890.2	1571.4	1180.1
G29.0	1581.6	1899.6	2087.4	2224.1	2292.1	2231.0	2078.7	1883.1	1557.0	1156.5
G30.0	1569.7	1889.1	2084.4	2222.8	2307.2	2231.2	2074.3	1876.8	1542.8	1133.3
G31.0	1552.3	1880.0	2080.9	2225.4	2326.3	2235.7	2069.2	1870.4	1524.8	1110.7
G32.0	1536.0	1870.1	2075.8	2231.0	2349.0	2241.9	2061.4	1862.5	1506.8	1081.6
G33.0	1516.4	1861.7	2065.7	2238.8	2377.3	2252.6	2048.8	1851.8	1485.8	1055.5
G34.0	1496.9	1851.1	2055.7	2251.1	2409.2	2267.6	2035.5	1840.8	1465.5	1026.3
G35.0	1476.6	1840.2	2043.0	2268.8	2440.9	2286.5	2024.9	1829.2	1444.0	998.8
G36.0	1452.5	1831.1	2033.5	2290.1	2478.3	2307.9	2017.2	1816.4	1421.8	970.0

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 1)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	1426.4	1820.3	2026.6	2312.5	2519.8	2333.6	2008.2	1799.7	1398.6	940.3
G38.0	1400.9	1805.5	2018.4	2346.2	2560.0	2367.2	1998.2	1781.5	1365.1	906.4
G39.0	1376.6	1787.4	2011.0	2387.2	2586.2	2405.5	1990.4	1759.7	1336.3	875.1
G40.0	1354.9	1767.3	2005.2	2426.3	2606.2	2440.9	1985.7	1736.9	1313.6	842.4
G41.0	1331.6	1744.7	2001.8	2459.2	2623.6	2466.2	1983.3	1711.0	1291.5	812.5
G42.0	1310.6	1717.3	1998.1	2485.1	2651.1	2486.2	1980.0	1683.9	1267.1	780.8
G43.0	1286.9	1691.7	1992.4	2506.4	2701.9	2504.4	1980.0	1659.4	1244.4	751.2
G44.0	1261.5	1663.3	1990.8	2530.5	2813.3	2532.5	1985.1	1634.4	1219.3	720.3
G45.0	1233.7	1640.7	1997.3	2564.1	2925.6	2577.0	1995.2	1609.6	1194.1	687.3
G46.0	1205.0	1618.5	2009.5	2618.4	3037.8	2648.7	2007.0	1582.4	1167.5	655.0
G47.0	1172.0	1593.0	2022.9	2700.6	3169.9	2765.2	2017.2	1551.4	1139.5	622.2
G48.0	1140.3	1562.8	2033.2	2815.6	3286.0	2883.3	2024.1	1518.3	1110.6	591.1
G49.0	1110.6	1533.1	2038.2	2930.8	3367.8	3001.5	2028.5	1482.6	1082.7	559.0
G50.0	1081.8	1502.8	2040.7	3046.0	3416.7	3104.7	2030.4	1446.8	1054.5	526.6
G51.0	1054.3	1468.4	2042.2	3135.5	3444.2	3181.1	2034.0	1408.1	1024.4	497.1
G52.0	1025.2	1432.5	2045.9	3194.8	3443.9	3227.1	2043.0	1369.4	996.7	466.6
G53.0	993.7	1395.4	2053.4	3224.9	3413.4	3246.9	2060.2	1329.5	968.6	438.4
G54.0	961.8	1355.3	2066.5	3229.2	3355.1	3235.0	2082.6	1290.7	940.5	410.9
G55.0	927.7	1314.3	2083.9	3201.0	3269.8	3194.7	2104.9	1255.5	911.8	385.3
G56.0	894.3	1273.5	2105.8	3143.5	3166.4	3123.3	2121.2	1219.3	882.9	362.6
G57.0	860.0	1233.0	2120.1	3054.9	3050.4	3028.1	2126.6	1187.4	853.7	343.5
G58.0	821.8	1195.8	2121.5	2947.3	2928.4	2919.7	2116.2	1158.3	821.2	326.3
G59.0	782.5	1163.8	2107.5	2824.0	2810.8	2795.5	2092.9	1133.7	790.2	311.1
G60.0	743.7	1131.3	2085.1	2684.6	2698.0	2663.0	2054.5	1107.3	757.7	296.3
G61.0	698.5	1091.5	2051.9	2555.8	2574.7	2532.4	2004.3	1079.1	717.0	277.6
G62.0	640.9	1052.4	2002.4	2433.8	2437.5	2414.7	1941.7	1044.2	666.4	260.1
G63.0	576.3	1016.5	1943.4	2324.9	2315.2	2309.9	1877.7	1007.0	605.5	243.4
G64.0	522.2	984.6	1870.8	2220.6	2221.4	2208.7	1804.0	979.3	553.6	226.9
G65.0	482.6	953.6	1785.1	2109.4	2145.5	2104.6	1721.9	950.2	512.0	213.0
G66.0	447.9	922.2	1689.0	2006.6	2082.5	2003.7	1639.2	920.1	471.7	199.6
G67.0	417.5	891.4	1586.5	1911.1	2022.5	1916.2	1555.1	888.4	435.7	184.8
G68.0	389.1	859.2	1485.9	1825.3	1959.9	1838.6	1473.5	854.8	404.5	168.3
G69.0	362.4	826.5	1391.1	1752.4	1892.4	1768.2	1396.2	820.3	378.3	148.1
G70.0	337.3	795.5	1301.7	1681.2	1819.2	1699.4	1323.3	786.7	353.4	124.9
G71.0	311.5	768.3	1216.8	1605.3	1740.1	1626.0	1252.8	755.7	328.3	106.1
G72.0	286.4	740.9	1136.2	1528.8	1656.8	1552.3	1183.3	726.4	302.4	79.2
G73.0	262.0	714.4	1057.7	1451.2	1568.6	1478.0	1118.1	698.0	277.8	63.5

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 2)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	239.0	688.5	986.2	1375.9	1480.2	1401.4	1060.5	670.5	253.7	56.1
G75.0	216.9	662.5	922.8	1300.7	1385.5	1324.9	1010.2	642.8	230.0	49.5
G76.0	196.1	634.4	869.7	1225.4	1297.3	1248.4	969.0	615.3	207.1	43.7
G77.0	176.0	608.2	825.7	1149.2	1209.4	1169.6	934.8	588.6	186.6	38.1
G78.0	156.7	581.3	788.4	1074.3	1120.4	1090.7	904.5	562.1	167.7	25.3
G79.0	137.6	554.5	757.8	1001.4	1033.9	1014.8	880.1	537.5	149.0	10.3
G80.0	119.1	527.5	731.2	931.3	953.6	942.1	859.0	511.9	130.6	7.9
G81.0	101.9	500.3	707.1	865.1	877.2	873.7	839.4	488.3	112.8	6.7
G82.0	86.0	473.9	686.4	802.7	809.0	808.8	821.8	466.8	95.9	5.9
G83.0	71.0	449.2	667.6	744.5	747.0	749.7	804.8	446.6	80.4	5.3
G84.0	57.1	426.4	648.8	689.3	690.0	692.9	787.4	429.0	65.7	4.9
G85.0	44.3	406.8	632.0	639.3	639.7	642.0	771.3	411.3	52.4	4.6
G86.0	33.7	387.9	616.5	594.5	595.3	596.8	752.9	394.1	41.3	4.4
G87.0	24.5	368.4	600.8	553.3	554.1	554.9	733.9	374.8	32.1	4.1
G88.0	16.8	344.0	584.6	515.8	517.3	516.1	714.7	347.9	25.0	4.1
G89.0	11.6	312.2	568.5	481.7	484.2	481.2	693.7	318.4	19.9	4.0
G90.0	8.7	282.5	551.8	451.3	454.5	450.6	672.1	292.8	16.5	4.0
G91.0	8.4	251.2	534.8	424.3	427.8	423.4	650.0	266.5	13.8	3.9
G92.0	8.3	217.0	517.1	399.4	404.4	399.0	626.8	236.9	12.9	3.9
G93.0	8.4	184.1	498.3	376.5	382.5	377.4	601.9	208.0	12.1	3.7
G94.0	8.2	156.5	479.0	355.4	363.4	358.0	575.9	181.4	11.3	3.7
G95.0	8.1	134.9	457.5	337.0	346.8	340.9	548.7	159.1	10.7	3.5
G96.0	7.7	118.4	434.8	319.4	332.6	323.9	522.2	140.8	10.3	3.3
G97.0	7.4	107.4	412.0	302.1	318.7	308.2	493.0	126.6	9.9	3.3
G98.0	7.1	99.5	388.6	286.4	304.6	293.4	463.5	116.0	9.4	3.2
G99.0	6.8	92.3	364.4	272.2	291.0	280.8	432.8	107.4	9.0	3.0
G100.0	6.6	84.4	340.0	259.8	278.6	269.5	401.3	99.3	8.7	3.0
G101.0	6.4	76.9	315.9	247.4	268.6	257.4	367.2	89.7	8.4	3.0
G102.0	6.2	70.9	291.4	234.7	259.4	244.9	333.3	80.8	8.1	3.0
G103.0	6.0	67.1	265.6	224.5	248.7	233.8	298.3	75.3	7.9	3.0
G104.0	5.8	64.6	239.8	215.0	238.3	223.9	264.5	72.9	7.7	2.9
G105.0	5.7	62.7	215.5	206.8	228.3	215.1	233.5	71.7	7.5	2.9
G106.0	5.6	61.4	193.5	199.5	218.5	207.6	206.3	70.7	7.4	2.9
G107.0	5.5	60.2	175.9	193.6	209.8	201.6	184.3	69.9	7.3	2.9
G108.0	5.5	58.6	162.6	189.2	202.5	196.9	168.2	69.0	6.9	2.9
G109.0	5.5	56.1	153.1	186.0	194.6	193.0	157.6	67.3	6.8	2.9
G110.0	5.4	53.7	146.0	184.3	184.7	189.7	149.9	64.7	6.4	2.9

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	5.4	51.2	139.8	182.8	173.8	187.2	143.1	61.8	6.0	3.0
G112.0	5.3	48.7	135.1	182.1	167.1	185.6	137.1	58.2	5.8	3.0
G113.0	5.3	46.2	133.1	182.9	163.0	185.4	133.7	54.4	5.7	3.0
G114.0	5.2	43.5	130.6	183.2	159.8	185.2	130.6	50.4	5.6	3.0
G115.0	5.1	41.1	128.7	180.7	158.6	180.6	127.3	46.7	5.5	3.1
G116.0	4.9	38.6	127.6	176.8	155.8	175.5	124.5	43.3	5.3	3.1
G117.0	4.9	36.2	127.0	172.2	151.3	168.8	122.2	40.2	5.1	3.1
G118.0	4.8	33.9	126.8	169.8	146.9	164.9	120.4	37.5	5.0	3.1
G119.0	4.8	31.6	127.1	166.2	143.0	160.0	120.2	34.9	5.0	3.1
G120.0	4.7	29.3	128.7	162.7	139.9	155.4	121.4	32.8	5.0	3.2
G121.0	4.6	27.0	129.9	159.2	137.1	151.5	123.9	30.9	4.9	3.2
G122.0	4.4	24.6	131.0	156.9	135.7	148.7	126.7	28.8	4.8	3.2
G123.0	4.4	21.6	131.7	156.1	134.9	146.9	128.5	26.1	4.6	3.2
G124.0	4.4	19.1	132.9	157.3	135.8	147.7	129.3	23.1	4.6	3.2
G125.0	4.4	17.0	134.2	158.7	137.7	148.4	130.0	20.8	4.6	3.2
G126.0	4.3	15.0	135.8	162.3	140.3	151.3	131.5	18.8	4.4	3.2
G127.0	4.3	13.1	136.7	167.6	144.1	155.4	133.2	17.1	4.4	3.2
G128.0	4.3	10.9	136.3	174.3	148.4	161.1	134.2	14.9	4.3	3.2
G129.0	4.2	9.1	133.9	181.5	154.2	168.6	133.4	12.4	4.3	3.2
G130.0	4.2	7.9	126.1	185.2	163.3	174.4	130.6	10.0	4.3	3.2
G131.0	4.1	7.5	113.4	183.7	174.0	173.6	122.8	8.6	4.1	3.3
G132.0	4.1	7.1	100.4	181.8	181.1	171.2	111.3	7.9	4.1	3.3
G133.0	3.9	6.8	90.5	180.4	183.4	168.7	99.8	7.3	4.1	3.3
G134.0	4.0	6.5	84.4	178.8	183.1	170.6	90.7	6.9	3.9	3.4
G135.0	4.0	6.1	79.5	175.0	183.9	166.7	84.0	6.4	3.8	3.4
G136.0	3.9	5.7	74.3	168.6	187.3	163.0	78.9	6.2	3.8	3.4
G137.0	3.9	5.4	66.9	162.9	188.3	158.3	73.4	5.9	3.8	3.4
G138.0	3.9	5.1	59.0	147.9	186.9	150.0	66.4	5.6	3.7	3.5
G139.0	3.9	4.7	51.9	129.1	183.3	134.3	59.2	5.1	3.7	3.5
G140.0	3.8	4.4	45.8	113.1	174.3	118.6	52.3	4.7	3.7	3.5
G141.0	3.8	4.2	40.2	101.3	155.9	106.8	45.3	4.6	3.6	3.5
G142.0	3.7	4.1	33.0	91.9	136.6	98.3	38.9	4.4	3.6	3.6
G143.0	3.7	3.9	28.1	83.0	122.7	87.8	30.9	4.2	3.6	3.5
G144.0	3.7	3.7	23.8	73.9	113.3	78.9	26.0	4.0	3.7	3.6
G145.0	3.7	3.6	19.9	63.0	105.3	68.6	21.6	3.8	3.7	3.5
G146.0	3.7	3.5	14.8	52.1	96.6	56.2	17.3	3.8	3.8	3.7
G147.0	3.7	3.4	9.9	44.7	81.8	47.8	11.6	3.7	3.8	3.9

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	3.6	3.4	8.2	38.8	65.0	40.3	8.3	3.6	3.8	4.0
G149.0	3.6	3.3	7.2	32.8	53.3	34.1	7.4	3.6	3.8	3.9
G150.0	3.6	3.2	6.3	26.2	42.5	28.3	6.3	3.6	3.8	3.9
G151.0	3.6	3.3	4.8	21.5	34.2	22.6	5.3	3.6	3.7	3.8
G152.0	3.6	3.2	4.2	16.9	28.2	17.5	4.3	3.6	3.7	3.8
G153.0	3.6	3.2	3.8	10.9	22.8	12.3	3.9	3.6	3.7	3.7
G154.0	3.6	3.2	3.3	6.0	16.4	5.9	3.6	3.6	3.7	3.7
G155.0	3.6	3.2	3.3	5.1	9.1	4.8	3.2	3.6	3.8	3.7
G156.0	3.6	3.2	3.3	4.5	4.9	4.3	3.1	3.6	3.7	3.7
G157.0	3.6	3.2	3.3	4.3	4.3	4.0	3.1	3.6	3.7	3.8
G158.0	3.6	3.2	3.3	4.0	4.1	3.8	3.2	3.6	3.8	3.8
G159.0	3.6	3.2	3.3	3.7	3.9	3.6	3.1	3.6	3.9	3.8
G160.0	3.7	3.3	3.3	3.4	3.6	3.3	3.3	3.7	3.9	3.8
G161.0	3.7	3.4	3.3	3.3	3.2	3.3	3.3	3.8	3.9	3.9
G162.0	3.9	3.4	3.4	3.4	3.0	3.2	3.4	3.8	3.9	3.8
G163.0	3.8	3.4	3.6	3.5	3.0	3.2	3.5	3.9	3.9	4.0
G164.0	3.9	3.5	3.7	3.4	3.0	3.4	3.7	4.1	4.0	4.0
G165.0	3.9	3.6	3.8	3.6	3.0	3.3	3.9	4.1	4.0	4.1
G166.0	4.1	3.8	3.8	3.5	3.0	3.4	4.0	4.3	4.2	4.0
G167.0	4.6	4.2	4.2	3.9	3.2	3.5	4.2	4.5	4.7	4.8
G168.0	5.0	4.5	4.3	4.2	3.4	3.8	4.4	4.8	5.3	5.3
G169.0	5.2	4.8	4.7	4.2	3.5	4.1	4.5	4.9	5.3	5.4
G170.0	5.2	4.9	4.8	4.3	3.7	4.2	4.8	5.0	5.4	5.4
G171.0	5.3	5.1	4.9	4.4	4.0	4.2	4.9	5.2	5.4	5.5
G172.0	5.4	5.2	5.1	4.5	4.1	4.3	5.2	5.3	5.5	5.6
G173.0	5.5	5.4	5.2	4.6	4.2	4.5	5.3	5.4	5.5	5.5
G174.0	5.6	5.6	5.3	4.7	4.3	4.7	5.4	5.6	5.5	5.5
G175.0	5.7	5.6	5.6	5.1	4.4	5.0	5.7	5.8	5.5	5.5
G176.0	5.8	5.7	5.6	5.2	4.6	5.0	5.7	5.8	5.5	5.4
G177.0	5.7	5.8	5.6	5.2	4.6	5.1	5.7	5.8	5.5	5.4
G178.0	5.7	5.8	5.8	5.2	4.7	5.1	5.9	5.9	5.5	5.4
G179.0	5.6	5.8	5.8	5.2	4.7	5.1	5.9	5.9	5.4	5.4
G180.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2	1567.2			
G1.0	1544.1	1533.7	1534.8	1534.7	1541.9	1550.6	1568.9			
G2.0	1522.4	1511.3	1514.4	1510.0	1525.7	1541.2	1567.8			
G3.0	1505.9	1489.3	1494.7	1491.9	1510.2	1531.8	1565.8			
G4.0	1489.7	1469.1	1471.6	1471.8	1494.8	1520.9	1563.5			
G5.0	1471.3	1449.3	1447.3	1449.1	1476.5	1509.8	1562.2			
G6.0	1455.7	1426.2	1419.5	1425.2	1459.4	1502.3	1564.0			
G7.0	1437.7	1403.3	1390.3	1398.8	1441.6	1490.6	1561.0			
G8.0	1420.8	1379.0	1357.4	1370.0	1420.7	1478.7	1557.6			
G9.0	1401.1	1347.7	1324.6	1340.7	1398.4	1466.6	1552.9			
G10.0	1379.3	1317.3	1293.0	1310.8	1376.9	1456.5	1551.5			
G11.0	1356.1	1284.2	1263.3	1279.4	1352.4	1443.3	1549.8			
G12.0	1331.8	1257.5	1228.0	1245.3	1324.5	1429.5	1542.2			
G13.0	1305.3	1229.4	1193.8	1212.7	1298.8	1416.9	1536.7			
G14.0	1283.6	1193.6	1158.2	1179.7	1273.3	1404.6	1531.8			
G15.0	1256.9	1158.6	1123.6	1146.1	1247.1	1388.2	1527.8			
G16.0	1230.2	1123.7	1085.7	1112.9	1219.2	1373.2	1521.2			
G17.0	1202.7	1091.5	1048.9	1078.3	1189.9	1361.1	1515.6			
G18.0	1175.2	1061.1	1013.7	1043.7	1159.9	1343.3	1510.7			
G19.0	1145.0	1027.8	975.2	1009.0	1131.7	1324.9	1507.7			
G20.0	1116.2	993.9	939.2	977.5	1104.6	1307.9	1501.1			
G21.0	1087.5	960.6	908.2	945.8	1073.8	1290.5	1499.9			
G22.0	1056.8	926.7	880.0	915.4	1044.8	1271.1	1502.5			
G23.0	1027.3	895.2	851.4	885.2	1016.6	1252.2	1508.1			
G24.0	999.6	866.4	819.9	855.2	985.6	1234.8	1521.9			
G25.0	972.8	837.1	792.8	827.7	957.4	1214.5	1543.6			
G26.0	941.2	808.9	768.1	800.2	927.4	1195.3	1561.8			
G27.0	911.1	781.5	744.5	772.8	898.6	1172.9	1576.1			
G28.0	882.0	756.6	728.3	751.5	870.0	1150.8	1582.1			
G29.0	851.4	732.9	716.5	730.0	842.1	1127.6	1581.6			
G30.0	820.9	713.6	707.6	714.2	811.6	1102.1	1569.7			
G31.0	792.5	699.3	701.5	701.5	783.9	1077.7	1552.3			
G32.0	763.3	685.3	699.7	691.2	756.3	1053.9	1536.0			
G33.0	736.8	676.4	703.1	684.3	729.3	1028.1	1516.4			
G34.0	710.7	671.8	709.7	681.6	705.6	1001.0	1496.9			
G35.0	684.5	671.3	721.6	683.8	682.9	969.9	1476.6			
G36.0	660.5	675.1	736.2	690.2	663.2	939.7	1452.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	637.7	681.7	755.2	699.0	642.8	908.7	1426.4			
G38.0	618.5	692.2	775.6	711.3	625.2	877.8	1400.9			
G39.0	599.2	705.8	793.6	725.7	609.7	847.8	1376.6			
G40.0	582.3	723.2	720.0	743.1	597.3	817.7	1354.9			
G41.0	568.9	740.9	650.3	760.2	587.0	787.2	1331.6			
G42.0	557.8	720.6	665.0	725.6	580.4	754.6	1310.6			
G43.0	550.8	589.6	669.4	654.0	576.7	722.8	1286.9			
G44.0	545.5	591.6	550.1	665.8	577.9	691.5	1261.5			
G45.0	543.8	607.0	418.4	669.6	581.5	659.1	1233.7			
G46.0	545.8	582.6	371.7	577.1	586.6	626.8	1205.0			
G47.0	551.3	407.9	325.6	439.5	593.9	596.8	1172.0			
G48.0	558.0	361.7	270.6	389.5	603.5	564.3	1140.3			
G49.0	564.8	338.6	237.9	339.1	606.7	532.3	1110.6			
G50.0	533.5	297.9	230.4	276.9	555.9	499.8	1081.8			
G51.0	443.4	245.8	219.7	246.9	561.7	469.2	1054.3			
G52.0	448.7	239.7	207.3	235.4	568.3	440.5	1025.2			
G53.0	455.4	239.2	192.4	218.8	546.7	413.1	993.7			
G54.0	429.7	221.9	176.6	197.6	442.2	389.5	961.8			
G55.0	342.3	206.3	158.7	184.7	397.1	369.1	927.7			
G56.0	314.0	192.2	138.4	164.6	348.8	351.5	894.3			
G57.0	298.6	173.7	116.5	144.8	282.1	338.9	860.0			
G58.0	248.6	154.1	98.6	125.4	241.5	330.1	821.8			
G59.0	210.2	132.0	69.8	102.9	228.7	321.8	782.5			
G60.0	202.9	114.3	49.1	85.7	216.9	306.5	743.7			
G61.0	198.0	90.8	26.4	57.4	204.4	286.7	698.5			
G62.0	189.1	66.0	2.6	43.5	196.1	269.6	640.9			
G63.0	180.2	40.2	1.6	13.5	178.4	256.6	576.3			
G64.0	169.9	3.3	1.0	2.0	160.0	244.2	522.2			
G65.0	155.3	1.8	0.3	1.3	139.1	232.0	482.6			
G66.0	137.7	1.1	0.3	0.8	119.4	218.1	447.9			
G67.0	117.8	0.5	0.0	0.4	86.2	198.4	417.5			
G68.0	82.6	0.4	0.0	0.1	60.8	175.1	389.1			
G69.0	39.8	0.1	0.0	0.1	7.0	147.4	362.4			
G70.0	4.6	0.0	0.0	0.0	3.4	123.2	337.3			
G71.0	3.4	0.0	0.0	0.0	2.5	86.8	311.5			
G72.0	2.4	0.0	0.0	0.0	1.9	75.9	286.4			
G73.0	1.8	0.1	0.0	0.1	1.4	68.6	262.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 7)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	1.3	0.0	0.0	0.1	1.4	62.1	239.0			
G75.0	1.3	0.1	0.0	0.1	1.4	55.8	216.9			
G76.0	1.3	0.1	0.0	0.1	1.4	49.2	196.1			
G77.0	1.3	0.1	0.0	0.2	1.4	36.3	176.0			
G78.0	1.3	0.1	0.1	0.2	1.5	16.5	156.7			
G79.0	1.3	0.2	0.1	0.3	1.5	9.0	137.6			
G80.0	1.3	0.3	0.2	0.3	1.5	6.7	119.1			
G81.0	1.4	0.3	0.3	0.4	1.5	5.6	101.9			
G82.0	1.4	0.4	0.4	0.4	1.5	5.0	86.0			
G83.0	1.4	0.6	0.6	0.6	1.5	4.3	71.0			
G84.0	1.4	0.6	0.6	0.6	1.5	3.9	57.1			
G85.0	1.4	0.8	0.7	0.8	1.5	3.5	44.3			
G86.0	1.4	0.9	0.9	0.9	1.5	3.4	33.7			
G87.0	1.5	1.0	1.0	0.9	1.5	3.2	24.5			
G88.0	1.5	1.0	1.1	1.1	1.5	3.0	16.8			
G89.0	1.5	1.2	1.3	1.1	1.5	2.9	11.6			
G90.0	1.5	1.2	1.3	1.3	1.5	2.8	8.7			
G91.0	1.6	1.4	1.4	1.4	1.6	2.8	8.4			
G92.0	1.6	1.6	1.6	1.5	1.6	2.7	8.3			
G93.0	1.6	1.7	1.8	1.6	1.8	2.7	8.4			
G94.0	1.7	1.8	1.9	1.8	1.8	2.7	8.2			
G95.0	1.7	2.0	2.1	2.0	1.9	2.7	8.1			
G96.0	1.8	2.0	2.2	2.0	1.9	2.6	7.7			
G97.0	1.9	2.2	2.3	2.1	2.0	2.6	7.4			
G98.0	2.0	2.3	2.4	2.3	2.0	2.6	7.1			
G99.0	2.0	2.3	2.6	2.3	2.0	2.6	6.8			
G100.0	2.1	2.5	2.8	2.4	2.2	2.6	6.6			
G101.0	2.2	2.6	2.9	2.6	2.3	2.6	6.4			
G102.0	2.2	2.9	3.1	2.8	2.4	2.6	6.2			
G103.0	2.4	3.0	3.3	3.0	2.5	2.6	6.0			
G104.0	2.5	3.2	3.5	3.2	2.6	2.6	5.8			
G105.0	2.6	3.3	3.5	3.2	2.8	2.6	5.7			
G106.0	2.8	3.4	3.8	3.4	2.8	2.6	5.6			
G107.0	2.8	3.5	3.9	3.5	3.0	2.6	5.5			
G108.0	3.0	3.8	4.1	3.7	3.0	2.6	5.5			
G109.0	3.0	3.8	4.1	3.8	3.2	2.6	5.5			
G110.0	3.2	4.0	4.3	4.0	3.3	2.6	5.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 8)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	3.2	4.2	4.4	4.0	3.3	2.7	5.4			
G112.0	3.4	4.3	4.7	4.2	3.3	2.7	5.3			
G113.0	3.5	4.4	4.8	4.3	3.6	2.7	5.3			
G114.0	3.8	4.5	4.9	4.6	3.7	2.7	5.2			
G115.0	3.9	4.7	5.1	4.5	3.9	2.8	5.1			
G116.0	4.1	4.7	5.2	4.8	4.0	2.8	4.9			
G117.0	4.1	5.0	5.3	4.9	4.3	2.8	4.9			
G118.0	4.4	5.0	5.3	5.0	4.3	2.8	4.8			
G119.0	4.5	5.2	5.4	5.1	4.3	2.8	4.8			
G120.0	4.5	5.3	5.4	5.1	4.3	2.8	4.7			
G121.0	4.5	5.3	5.4	5.2	4.3	2.8	4.6			
G122.0	4.5	5.3	5.5	5.2	4.3	2.8	4.4			
G123.0	4.5	5.3	5.4	5.3	4.3	2.8	4.4			
G124.0	4.4	5.3	5.4	5.3	4.3	2.8	4.4			
G125.0	4.4	5.3	5.5	5.3	4.2	2.9	4.4			
G126.0	4.4	5.3	5.4	5.3	4.2	2.9	4.3			
G127.0	4.4	5.4	5.4	5.4	4.2	2.9	4.3			
G128.0	4.3	5.4	5.3	5.4	4.2	2.9	4.3			
G129.0	4.3	5.4	5.3	5.4	4.1	2.9	4.2			
G130.0	4.3	5.3	5.3	5.3	4.1	2.9	4.2			
G131.0	4.3	5.2	5.2	5.3	4.1	2.9	4.1			
G132.0	4.3	5.2	5.2	5.4	4.1	3.0	4.1			
G133.0	4.3	5.0	5.2	5.3	4.1	3.0	3.9			
G134.0	4.3	5.0	5.1	5.2	4.1	3.0	4.0			
G135.0	4.3	4.9	5.1	5.1	4.1	3.1	4.0			
G136.0	4.3	4.8	5.1	5.1	4.1	3.1	3.9			
G137.0	4.3	4.8	5.1	5.1	4.2	3.1	3.9			
G138.0	4.3	4.8	5.1	5.2	4.3	3.2	3.9			
G139.0	4.3	4.8	5.3	5.3	4.3	3.1	3.9			
G140.0	4.2	4.8	5.3	5.3	4.4	3.2	3.8			
G141.0	4.2	4.9	5.4	5.4	4.5	3.4	3.8			
G142.0	4.2	4.9	5.4	5.4	4.5	3.5	3.7			
G143.0	4.2	5.0	5.6	5.4	4.5	3.6	3.7			
G144.0	4.2	5.0	5.6	5.4	4.6	3.7	3.7			
G145.0	4.2	5.1	5.6	5.4	4.6	3.8	3.7			
G146.0	4.2	5.2	5.6	5.4	4.6	4.0	3.7			
G147.0	4.2	5.1	5.6	5.3	4.7	4.1	3.7			

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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

Candlepower Table (Continue 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	4.2	5.2	5.6	5.3	4.7	4.2	3.6			
G149.0	4.2	5.1	5.5	5.3	4.7	4.2	3.6			
G150.0	4.2	4.9	5.3	5.1	4.6	4.3	3.6			
G151.0	4.1	4.7	5.3	4.9	4.6	4.2	3.6			
G152.0	4.1	4.5	5.0	4.9	4.4	4.1	3.6			
G153.0	4.0	4.3	4.7	4.6	4.2	4.0	3.6			
G154.0	3.9	4.1	4.4	4.3	4.1	3.9	3.6			
G155.0	3.9	4.0	4.3	4.2	4.0	3.8	3.6			
G156.0	3.9	3.8	4.2	4.2	3.9	3.8	3.6			
G157.0	3.8	3.7	4.1	4.1	3.9	3.8	3.6			
G158.0	3.8	3.7	4.0	4.0	3.8	3.8	3.6			
G159.0	3.8	3.7	4.0	3.8	3.8	3.8	3.6			
G160.0	3.8	3.8	3.9	3.8	3.8	3.8	3.7			
G161.0	3.8	3.9	3.8	3.8	3.7	3.8	3.7			
G162.0	3.8	4.0	3.8	3.7	3.7	3.8	3.9			
G163.0	3.8	4.0	3.8	3.7	3.6	3.7	3.8			
G164.0	3.8	4.1	3.8	3.7	3.6	3.7	3.9			
G165.0	3.7	4.2	3.8	3.7	3.7	3.7	3.9			
G166.0	3.9	4.2	3.7	3.8	3.7	3.8	4.1			
G167.0	4.4	4.3	4.2	4.0	4.3	4.6	4.6			
G168.0	5.2	5.1	4.8	4.7	5.0	5.3	5.0			
G169.0	5.4	5.4	5.2	5.0	5.3	5.7	5.2			
G170.0	5.8	5.8	5.6	5.1	5.6	5.9	5.2			
G171.0	6.0	5.9	5.7	5.1	5.7	6.3	5.3			
G172.0	6.1	6.0	5.8	5.1	5.6	6.3	5.4			
G173.0	6.1	6.1	5.7	5.2	5.6	6.3	5.5			
G174.0	6.2	6.1	5.7	5.2	5.6	6.4	5.6			
G175.0	6.2	6.2	5.8	5.2	5.6	6.4	5.7			
G176.0	6.2	6.2	5.7	5.1	5.6	6.5	5.8			
G177.0	6.0	6.1	5.7	5.1	5.5	6.3	5.7			
G178.0	5.9	5.9	5.4	4.9	5.4	6.2	5.7			
G179.0	5.7	5.8	5.3	4.8	5.3	5.9	5.6			
G180.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab: Standard-Tech Co., Ltd.
 Test Type: TYPE C
 Temperature:
 Operator:

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