Report No.: Test Time: 2026-09-11 16:15

Luminaire Property

Luminaire Manufacturer:
Luminaire Description: ADJ 62 36D
Luminous Length (mm): -55
Luminous Width (mm): -55
Voltage: 226.4 V
Current: 0.046 A
Power: 9.60 W
Power Factor: 0.925

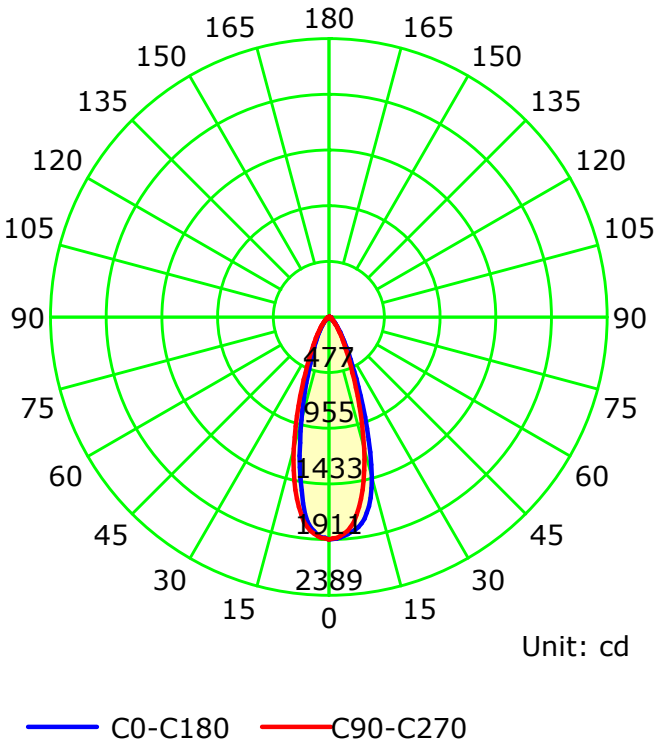
Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 875.8 lm
Measurement Flux: 875.8 lm
Efficiency: 100%
Downward Ratio: 100%
Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H34.1
Vertical Diffuse Angle(50%): V34.1
Luminaire Efficacy Rating (LER): 91.28
Central Intensity: 1911.73 cd
Max. Intensity: 1911.73 cd
Pos of Max. Intensity: H0 V0
S/MH(C0/C180): 0.57
S/MH(C90/C270): 0.57

Picture Of Luminaire



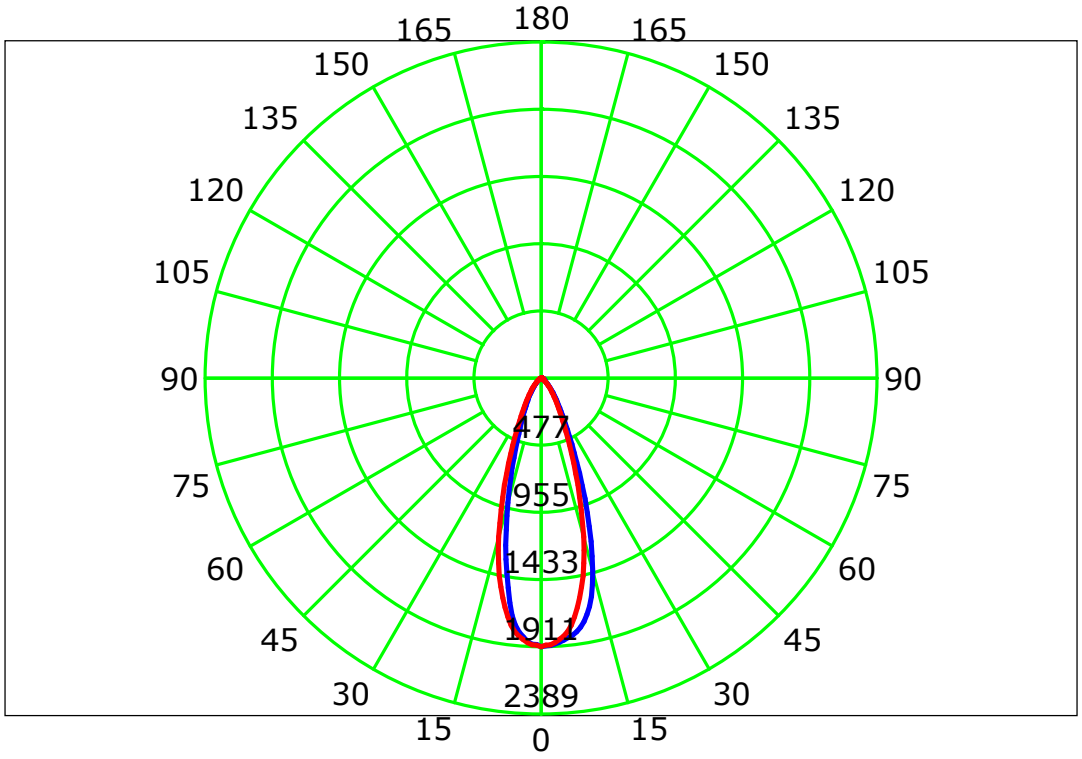
Luminous Intensity Distribution Curve

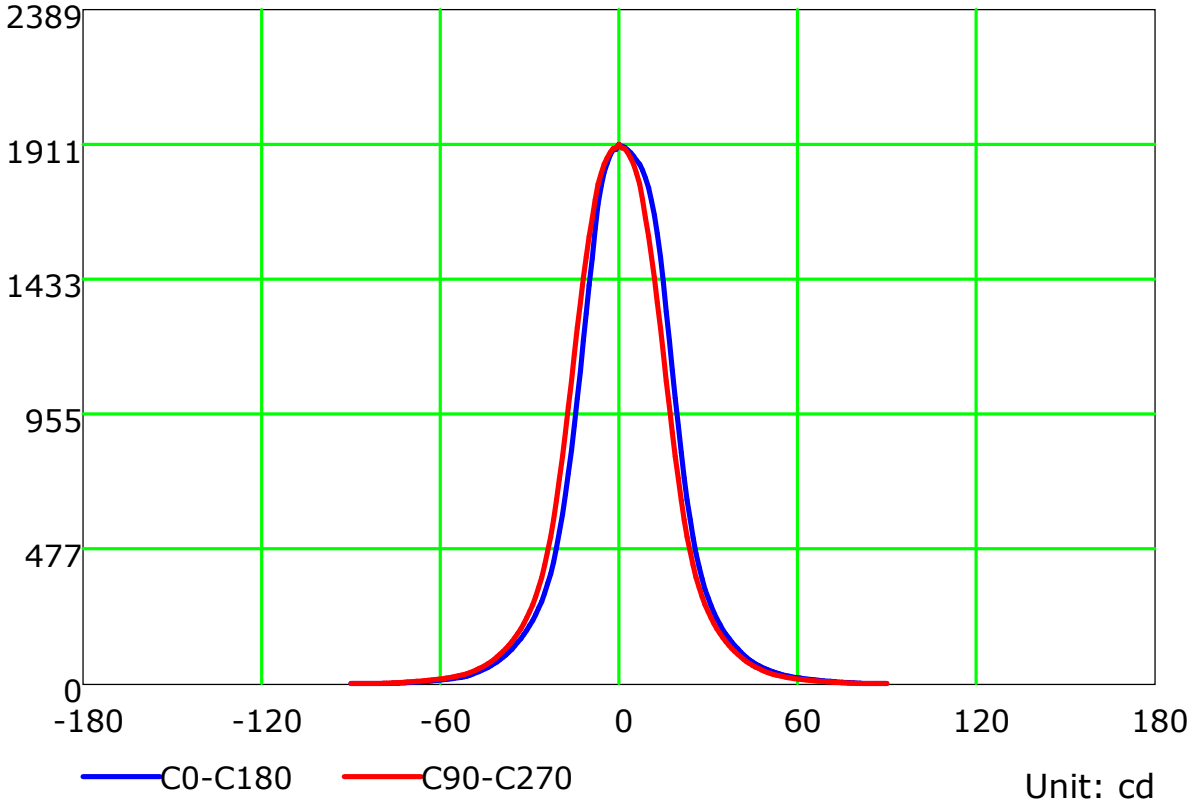


Unit: cd

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:1.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.010 m
Temperature:
Humidity:
Operator:
Inspector:

Luminous Intensity Distribution Curve

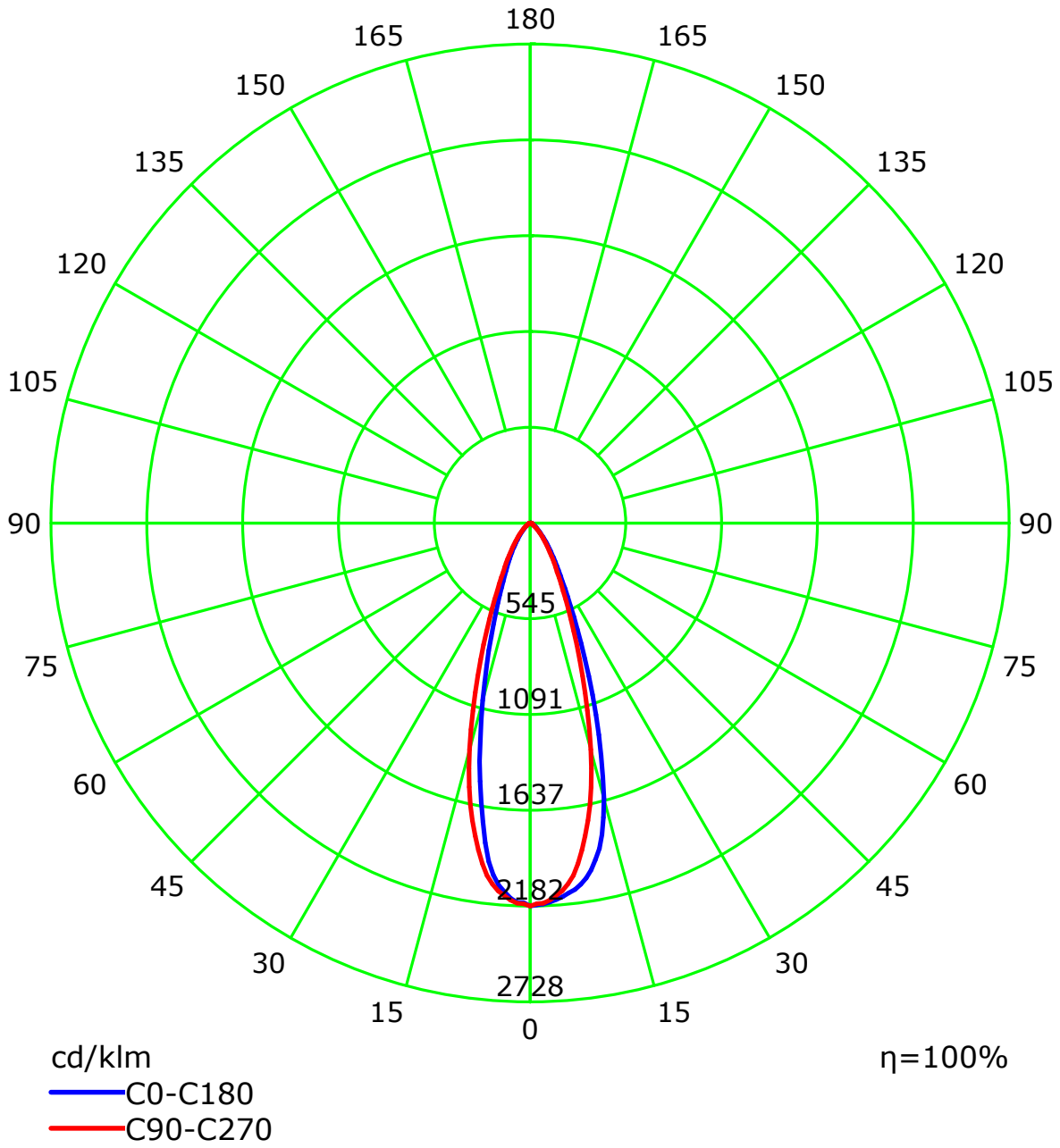




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

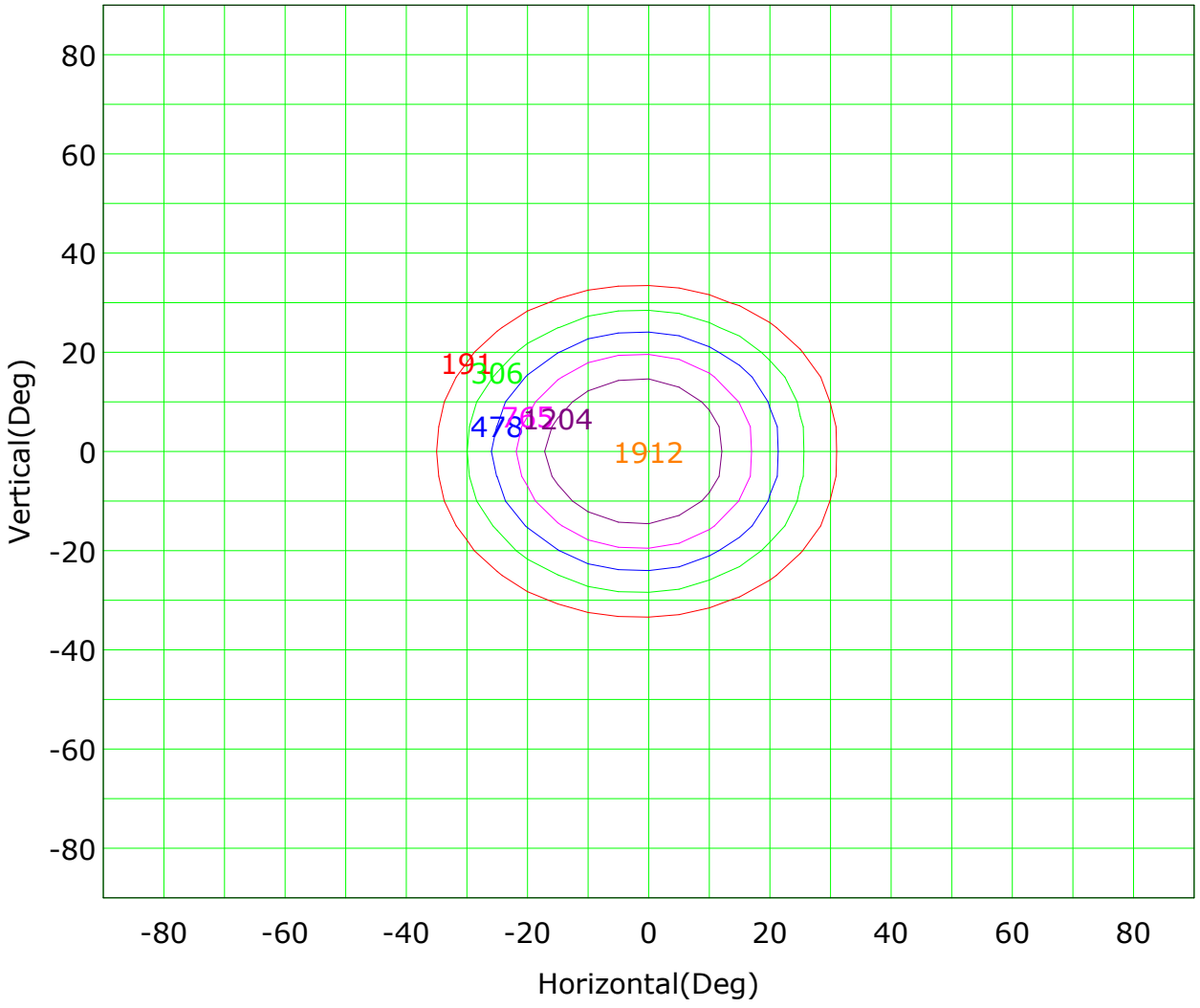
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Isocandela (rectangle)

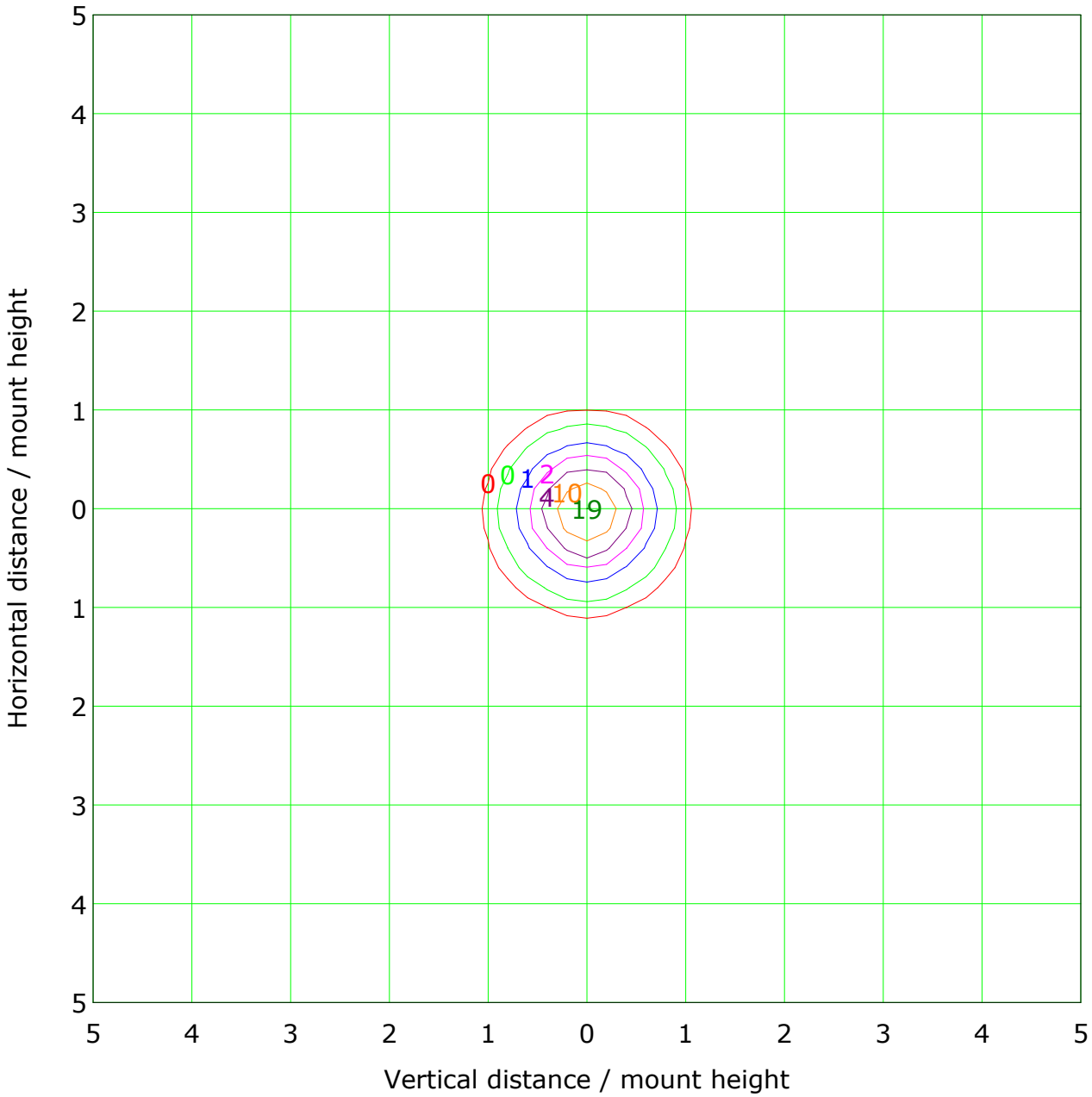


Imax (100%): 1912 cd

(10%): 191 cd
(16%): 306 cd
(25%): 478 cd
(40%): 765 cd
(63%): 1204 cd
(100%): 1912 cd

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:1.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.010 m
Temperature:
Humidity:
Operator:
Inspector:

IsoLux Plot

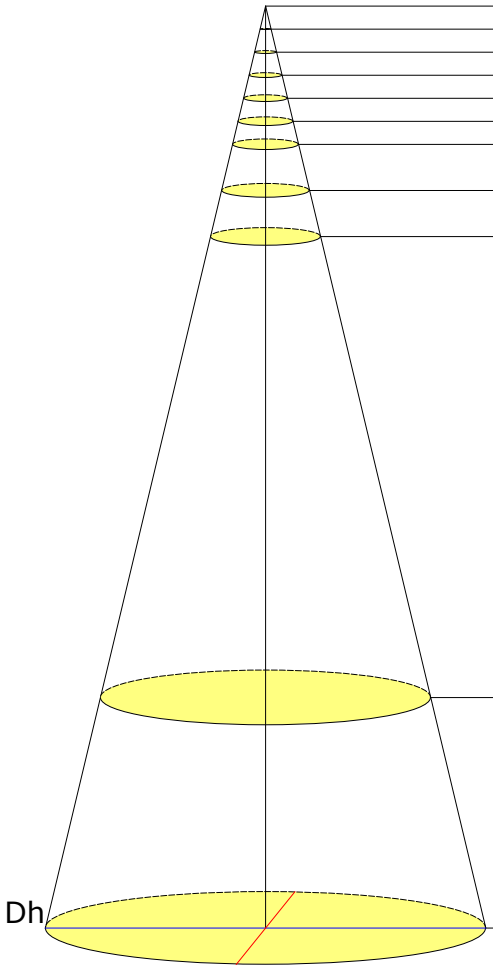


Mounting Height: 10.0m Max Lux(100%): 19.1 lx

(1%): 0.2 lx
(2%): 0.4 lx
(5%): 1.0 lx
(10%): 1.9 lx
(20%): 3.8 lx
(50%): 9.6 lx
(100%): 19.1 lx

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:1.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.010 m
Temperature:
Humidity:
Operator:
Inspector:

Illuminance at a Distance



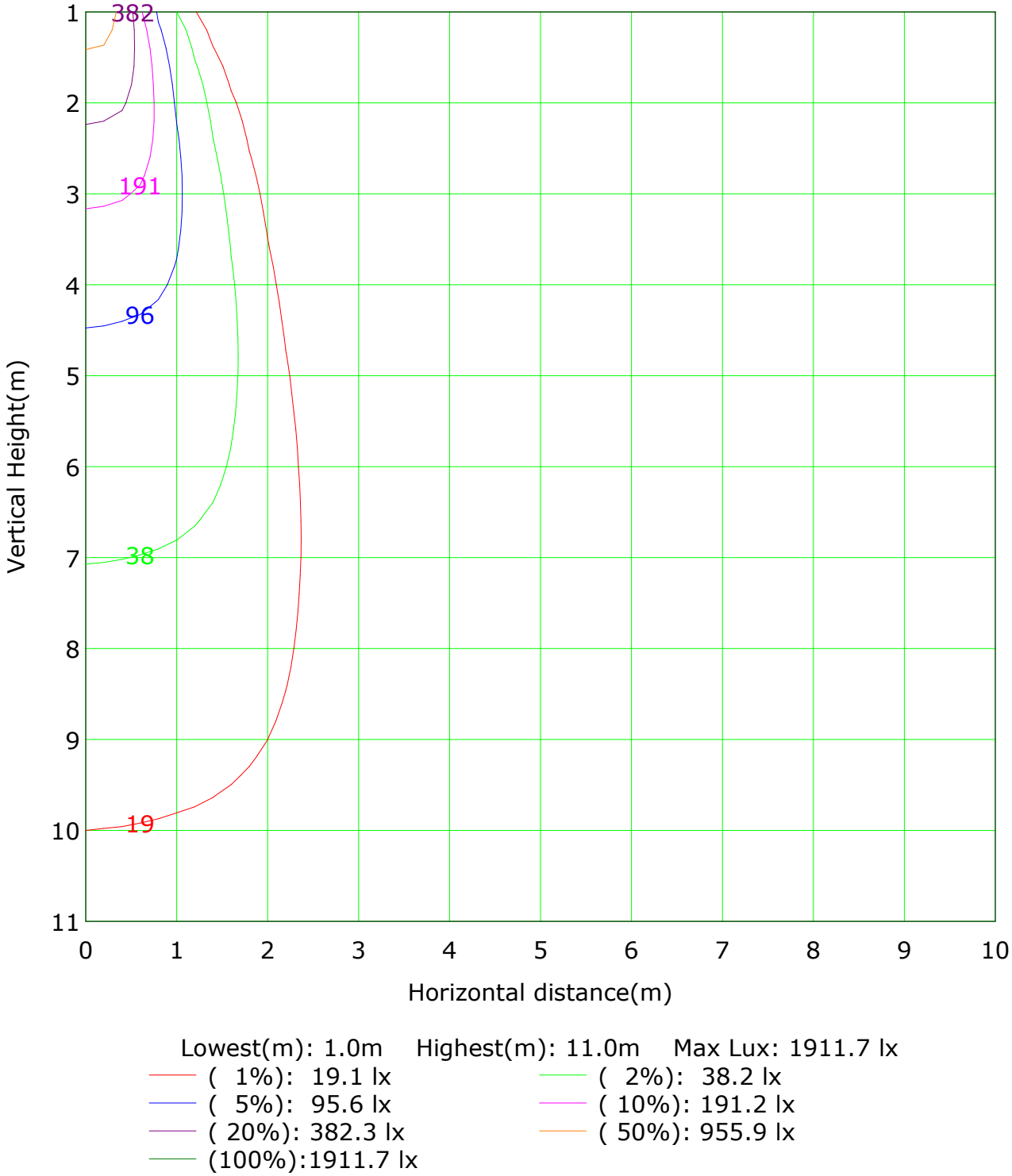
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
0.5	7646.92	0.31/0.31	0.1	3601.04
1.0	1911.73	0.61/0.62	0.3	900.26
1.5	849.66	0.92/0.93	0.7	400.12
2.0	477.93	1.23/1.24	1.2	225.06
2.5	305.88	1.54/1.55	1.9	144.04
3.0	212.41	1.84/1.87	2.7	100.03
4.0	119.48	2.46/2.49	4.8	56.27
5.0	76.47	3.07/3.11	7.4	36.01
15.0	8.50	9.21/9.33	66.9	4.00
20.0	4.78	12.28/12.43	119.0	2.25

Beam Angle(B): H34.1 V34.5 Field Angle(F): H65.9 V66.4

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1911.7 lx

(1%): 19.1 lx
(2%): 38.2 lx
(5%): 95.6 lx
(10%): 191.2 lx
(20%): 382.3 lx
(50%): 955.9 lx
(100%):1911.7 lx

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:1.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.010 m
Temperature:
Humidity:
Operator:
Inspector:

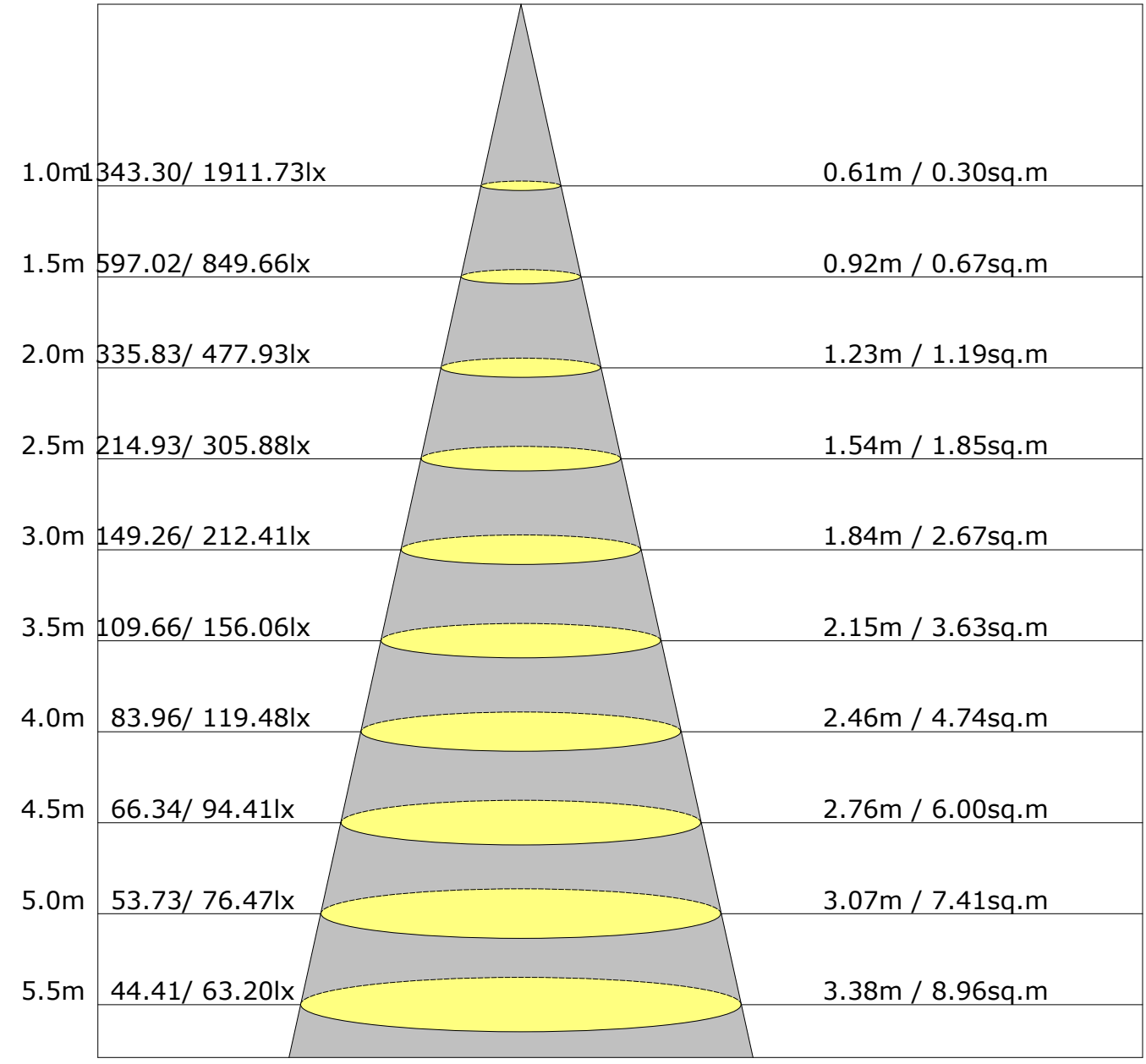
Area Flux Table

Unit: lm

| Horizontal plane | Vertical plane | | |

The Average Illuminance Effective Figure

Flux Out: 398.05lm



Height Avg./Nadir. E Beam Angle:34.1° Diameter / Area

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

UGR Table

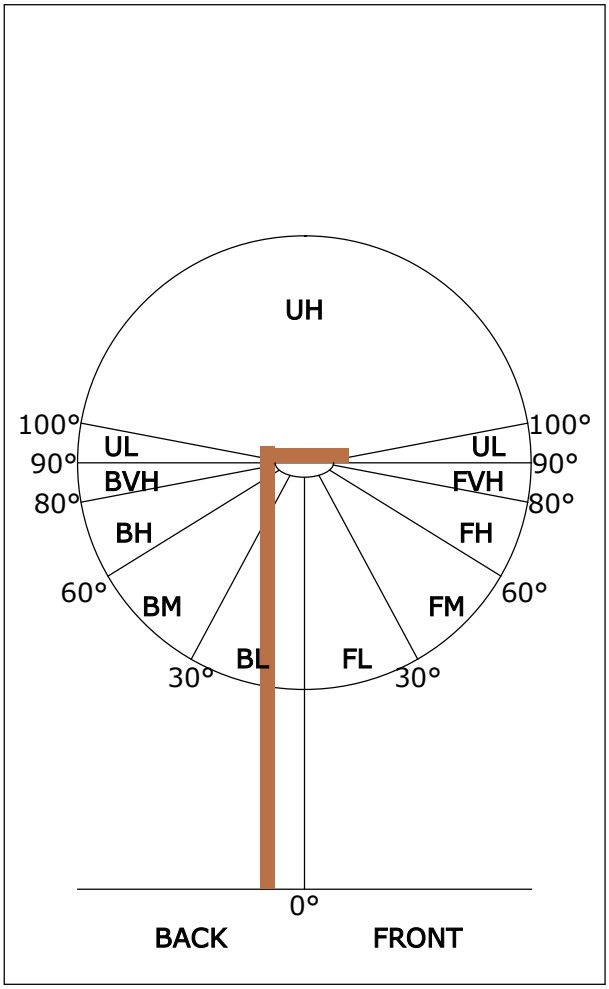
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	20.3	21.1	20.6	21.3	21.5	19.6	20.4	19.8	20.6	20.8
3H	20.5	21.3	20.8	21.5	21.7	19.7	20.5	20.0	20.7	20.9
4H	20.6	21.2	20.9	21.5	21.8	19.7	20.4	20.1	20.7	20.9
6H	20.5	21.2	20.9	21.5	21.7	19.7	20.3	20.0	20.6	20.9
8H	20.5	21.1	20.9	21.4	21.7	19.7	20.3	20.0	20.6	20.9
12H	20.5	21.1	20.8	21.4	21.7	19.6	20.2	20.0	20.5	20.8
X=4H Y=2H	20.3	21.0	20.6	21.3	21.5	19.7	20.3	20.0	20.6	20.9
3H	20.6	21.2	21.0	21.5	21.8	19.9	20.5	20.2	20.8	21.1
4H	20.7	21.2	21.1	21.5	21.9	19.9	20.4	20.3	20.8	21.1
6H	20.7	21.1	21.1	21.5	21.9	19.9	20.3	20.3	20.7	21.1
8H	20.6	21.1	21.1	21.5	21.9	19.8	20.3	20.3	20.6	21.0
12H	20.6	21.0	21.0	21.4	21.8	19.8	20.2	20.2	20.6	21.0
X=8H Y=4H	20.6	21.0	21.0	21.4	21.8	19.9	20.3	20.3	20.7	21.1
6H	20.6	21.0	21.1	21.4	21.8	19.8	20.2	20.3	20.6	21.0
8H	20.6	20.9	21.1	21.3	21.8	19.8	20.1	20.3	20.5	21.0
12H	20.6	20.8	21.0	21.3	21.8	19.8	20.0	20.2	20.5	21.0
X=12H Y=4H	20.6	21.0	21.0	21.4	21.8	19.8	20.2	20.3	20.6	21.0
6H	20.6	20.9	21.1	21.3	21.8	19.8	20.1	20.3	20.5	21.0
8H	20.6	20.8	21.0	21.3	21.8	19.8	20.0	20.2	20.5	21.0
Variations with the observer position at spacings:										
S=1.0H	+2.1/-2.2					+2.1/-2.5				
S=1.5H	+4.2/-3.3					+4.1/-3.7				
S=2.0H	+6.0/-4.2					+5.9/-4.9				

Calculate in accordance with CIE Pub.117. The table is revised with 876lm (8log(F/F0) = -0.5).

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	477	54.5
FL (0°-30°)	371	42.3
FM (30°-60°)	98	11.2
FH (60°-80°)	9	1.0
FVH (80°-90°)	0	0.0
BACK LIGHT	398	45.5
BL (0°-30°)	312	35.6
BM (30°-60°)	81	9.2
BH (60°-80°)	6	0.7
BVH (80°-90°)	0	0.0
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-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U0 G0

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1905.6	1.8	1.8	0.21	0.21
1.0-2.0	1898.6	5.4	7.3	0.62	0.83
2.0-3.0	1890.6	9.0	16.3	1.03	1.86
3.0-4.0	1873.4	12.5	28.9	1.43	3.30
4.0-5.0	1852.5	15.9	44.8	1.82	5.12
5.0-6.0	1826.1	19.2	64.0	2.19	7.31
6.0-7.0	1790.8	22.2	86.2	2.54	9.84
7.0-8.0	1743.7	25.0	111.2	2.85	12.69
8.0-9.0	1683.7	27.3	138.5	3.12	15.81
9.0-10.0	1618.4	29.3	167.8	3.34	19.16
10.0-11.0	1549.0	31.0	198.7	3.53	22.69
11.0-12.0	1475.5	32.3	231.0	3.68	26.37
12.0-13.0	1395.1	33.1	264.1	3.78	30.15
13.0-14.0	1307.0	33.5	297.5	3.82	33.97
14.0-15.0	1216.1	33.4	330.9	3.81	37.79
15.0-16.0	1121.4	32.9	363.8	3.75	41.54
16.0-17.0	1026.3	32.0	395.8	3.65	45.19
17.0-18.0	935.1	30.8	426.6	3.52	48.71
18.0-19.0	848.0	29.5	456.1	3.37	52.08
19.0-20.0	765.3	28.0	484.1	3.20	55.28
20.0-21.0	687.3	26.4	510.5	3.01	58.29
21.0-22.0	615.1	24.7	535.2	2.82	61.11
22.0-23.0	550.2	23.1	558.3	2.64	63.75
23.0-24.0	493.8	21.6	579.9	2.47	66.22
24.0-25.0	443.3	20.2	600.1	2.30	68.52
25.0-26.0	397.8	18.8	618.9	2.14	70.66
26.0-27.0	358.2	17.5	636.4	2.00	72.66
27.0-28.0	324.0	16.4	652.8	1.87	74.54
28.0-29.0	293.8	15.4	668.2	1.76	76.29
29.0-30.0	267.1	14.4	682.6	1.65	77.94
30.0-31.0	243.8	13.6	696.2	1.55	79.49
31.0-32.0	222.8	12.8	708.9	1.46	80.95
32.0-33.0	203.8	12.0	720.9	1.37	82.32
33.0-34.0	186.4	11.3	732.2	1.29	83.60
34.0-35.0	170.2	10.6	742.8	1.21	84.81
35.0-36.0	155.6	9.9	752.7	1.13	85.94

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	142.4	9.3	762.0	1.06	87.00
37.0-38.0	130.2	8.7	770.7	0.99	88.00
38.0-39.0	119.1	8.1	778.8	0.93	88.92
39.0-40.0	108.8	7.6	786.4	0.87	89.79
40.0-41.0	99.1	7.1	793.4	0.81	90.60
41.0-42.0	90.1	6.5	800.0	0.75	91.34
42.0-43.0	81.9	6.1	806.1	0.69	92.04
43.0-44.0	74.4	5.6	811.7	0.64	92.68
44.0-45.0	67.7	5.2	816.9	0.59	93.27
45.0-46.0	61.7	4.8	821.7	0.55	93.82
46.0-47.0	56.1	4.5	826.2	0.51	94.33
47.0-48.0	51.0	4.1	830.3	0.47	94.80
48.0-49.0	46.4	3.8	834.1	0.44	95.24
49.0-50.0	41.9	3.5	837.6	0.40	95.64
50.0-51.0	37.8	3.2	840.8	0.37	96.00
51.0-52.0	34.3	2.9	843.7	0.34	96.34
52.0-53.0	31.3	2.7	846.5	0.31	96.65
53.0-54.0	28.8	2.5	849.0	0.29	96.94
54.0-55.0	26.5	2.4	851.4	0.27	97.21
55.0-56.0	24.3	2.2	853.6	0.25	97.46
56.0-57.0	22.4	2.0	855.6	0.23	97.69
57.0-58.0	20.6	1.9	857.5	0.22	97.91
58.0-59.0	18.8	1.8	859.3	0.20	98.11
59.0-60.0	17.4	1.6	860.9	0.19	98.30
60.0-61.0	16.1	1.5	862.5	0.18	98.48
61.0-62.0	14.8	1.4	863.9	0.16	98.64
62.0-63.0	13.4	1.3	865.2	0.15	98.79
63.0-64.0	12.2	1.2	866.4	0.14	98.92
64.0-65.0	11.2	1.1	867.5	0.13	99.05
65.0-66.0	10.4	1.0	868.5	0.12	99.17
66.0-67.0	9.5	1.0	869.5	0.11	99.28
67.0-68.0	8.7	0.9	870.4	0.10	99.38
68.0-69.0	8.0	0.8	871.2	0.09	99.47
69.0-70.0	7.1	0.7	871.9	0.08	99.56
70.0-71.0	6.3	0.6	872.6	0.07	99.63
71.0-72.0	5.6	0.6	873.1	0.07	99.70

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4.8	0.5	873.6	0.06	99.75
73.0-74.0	4.1	0.4	874.1	0.05	99.80
74.0-75.0	3.5	0.4	874.4	0.04	99.84
75.0-76.0	2.9	0.3	874.7	0.04	99.88
76.0-77.0	2.4	0.3	875.0	0.03	99.91
77.0-78.0	1.9	0.2	875.2	0.02	99.93
78.0-79.0	1.5	0.2	875.4	0.02	99.95
79.0-80.0	1.1	0.1	875.5	0.01	99.96
80.0-81.0	0.8	0.1	875.6	0.01	99.97
81.0-82.0	0.7	0.1	875.7	0.01	99.98
82.0-83.0	0.5	0.0	875.7	0.01	99.99
83.0-84.0	0.3	0.0	875.7	0.00	99.99
84.0-85.0	0.2	0.0	875.8	0.00	99.99
85.0-86.0	0.2	0.0	875.8	0.00	100.00
86.0-87.0	0.2	0.0	875.8	0.00	100.00
87.0-88.0	0.1	0.0	875.8	0.00	100.00
88.0-89.0	0.0	0.0	875.8	0.00	100.00
89.0-90.0	0.0	0.0	875.8	0.00	100.00

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1911.7	1911.7								
G1.0	1905.0	1894.2								
G2.0	1902.1	1893.0								
G3.0	1893.0	1874.5								
G4.0	1882.3	1844.0								
G5.0	1870.7	1813.1								
G6.0	1855.4	1765.3								
G7.0	1841.6	1700.6								
G8.0	1820.3	1612.1								
G9.0	1793.0	1509.7								
G10.0	1758.0	1412.8								
G11.0	1711.9	1313.4								
G12.0	1660.8	1216.0								
G13.0	1595.1	1108.5								
G14.0	1513.6	1010.7								
G15.0	1423.5	916.6								
G16.0	1318.2	827.3								
G17.0	1214.8	745.0								
G18.0	1110.3	670.2								
G19.0	1011.9	599.7								
G20.0	912.3	537.2								
G21.0	818.6	481.4								
G22.0	729.4	431.2								
G23.0	651.6	388.6								
G24.0	581.3	353.7								
G25.0	517.4	320.5								
G26.0	461.7	291.6								
G27.0	412.6	267.0								
G28.0	371.5	244.9								
G29.0	334.5	224.2								
G30.0	303.6	206.1								
G31.0	276.3	189.3								
G32.0	251.5	174.3								
G33.0	229.4	159.9								
G34.0	209.6	146.5								
G35.0	190.7	134.1								
G36.0	175.2	122.4								

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	160.4	111.7								
G38.0	146.8	101.8								
G39.0	134.5	93.2								
G40.0	122.8	84.5								
G41.0	111.7	77.2								
G42.0	101.0	70.4								
G43.0	92.3	63.7								
G44.0	83.6	57.8								
G45.0	76.6	52.7								
G46.0	69.8	47.7								
G47.0	64.0	42.9								
G48.0	58.5	38.7								
G49.0	53.6	34.7								
G50.0	49.3	30.2								
G51.0	45.0	26.7								
G52.0	41.0	24.3								
G53.0	37.7	22.4								
G54.0	34.4	20.9								
G55.0	31.4	19.4								
G56.0	28.5	18.0								
G57.0	26.1	16.8								
G58.0	24.0	15.3								
G59.0	22.2	13.8								
G60.0	20.9	12.8								
G61.0	19.4	11.6								
G62.0	18.0	10.4								
G63.0	15.9	9.3								
G64.0	15.0	8.4								
G65.0	14.0	7.5								
G66.0	13.1	6.9								
G67.0	12.0	6.0								
G68.0	11.1	5.7								
G69.0	10.1	5.1								
G70.0	8.9	4.5								
G71.0	8.1	3.6								
G72.0	7.2	3.3								
G73.0	6.3	2.4								

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C180.0								
G74.0	5.6	2.0								
G75.0	4.8	1.6								
G76.0	4.1	1.2								
G77.0	3.6	0.8								
G78.0	3.0	0.4								
G79.0	2.4	0.3								
G80.0	1.6	0.2								
G81.0	1.4	0.2								
G82.0	1.0	0.2								
G83.0	0.4	0.2								
G84.0	0.4	0.0								
G85.0	0.3	0.0								
G86.0	0.3	0.0								
G87.0	0.3	0.0								
G88.0	0.2	0.0								
G89.0	0.0	0.0								
G90.0	0.0	0.0								

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.010 m
Humidity:
Inspector: