

Report No.: LE-08TR HUGO (25W-15D)

Test Time: 2018-08-28 09:56

Luminaire Property

Luminaire Category:

Lamp Description: CREE-4000K

Length (mm): 220

Voltage: 227.3 V

Power: 23.70 W

Number of Lamps: 1

Width (mm): 80

Current: 0.109 A

Power Factor: 0.957

Photometric Results

CIE Class: Direct

Measurement Flux: 1893 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 27.1, 27.3, 27.2, 27.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 13.5, 13.6, 13.5, 13.6

Luminaire Efficacy Rating (LER): 79.92

Max. Intensity: 15919.79 cd

S/MH(C0/C180): 0.23

Total Rated Lamp Lumens: 1893.0 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 15896.18 cd

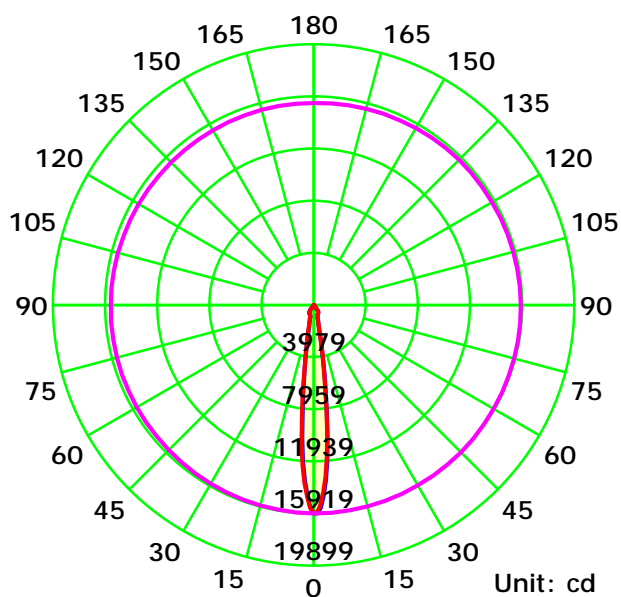
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 0.24

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

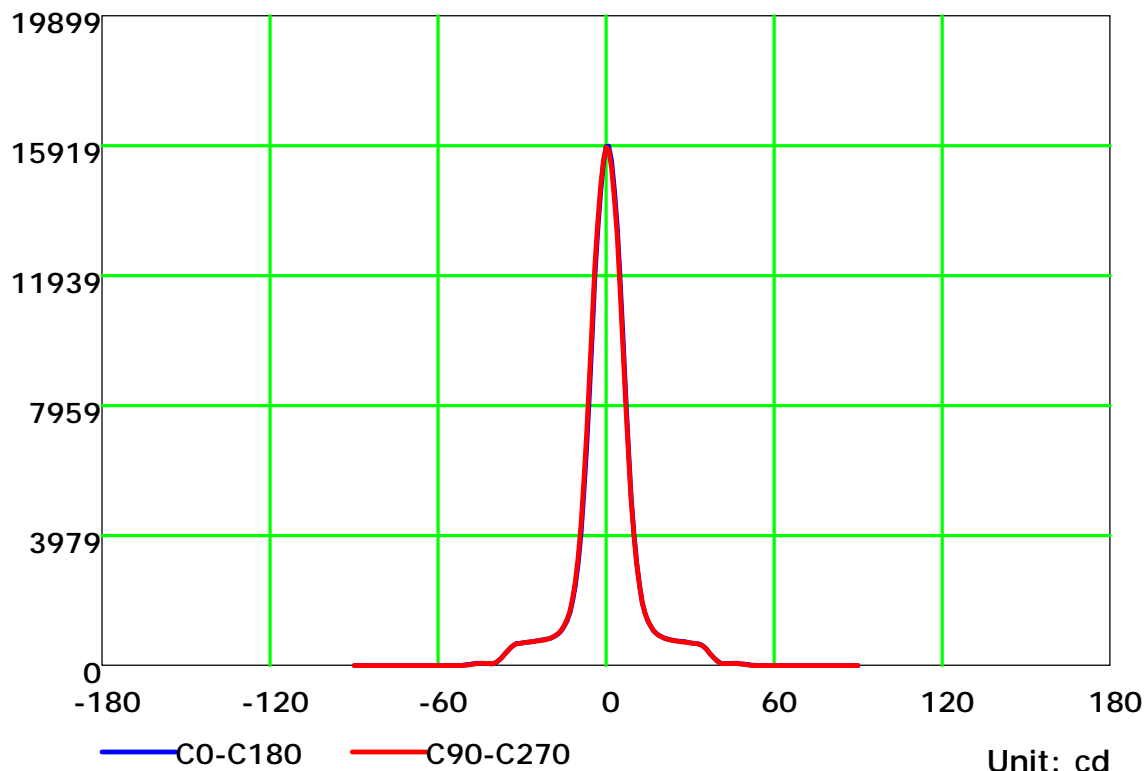
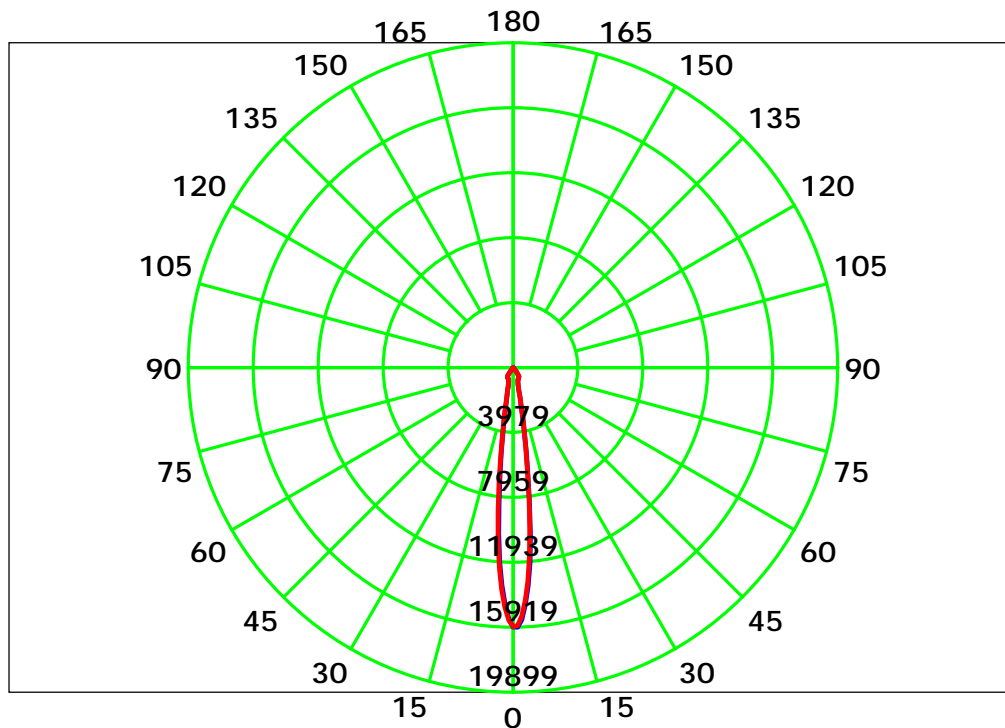
Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector:

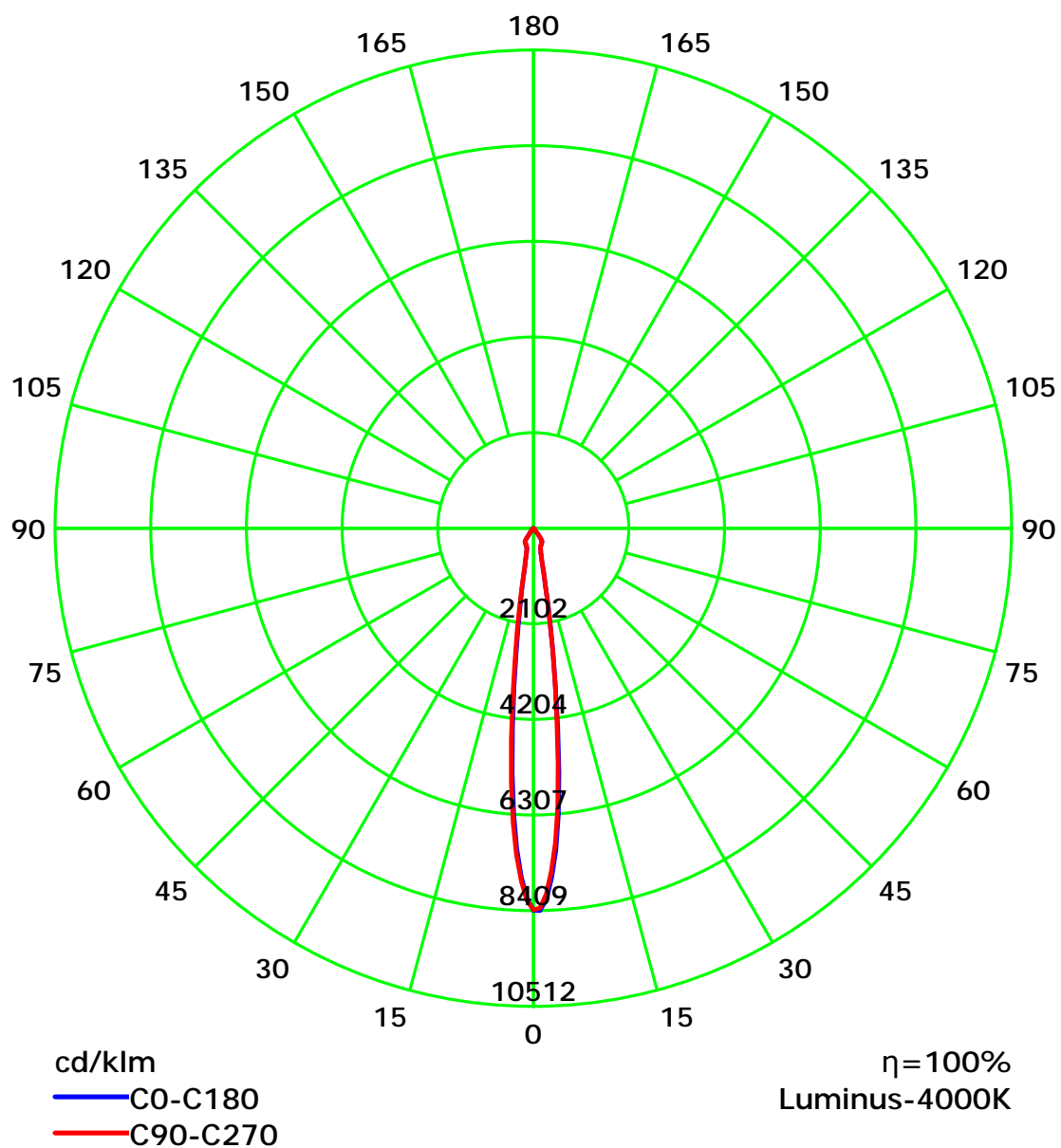
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 4.000 m
Humidity:
Inspector:

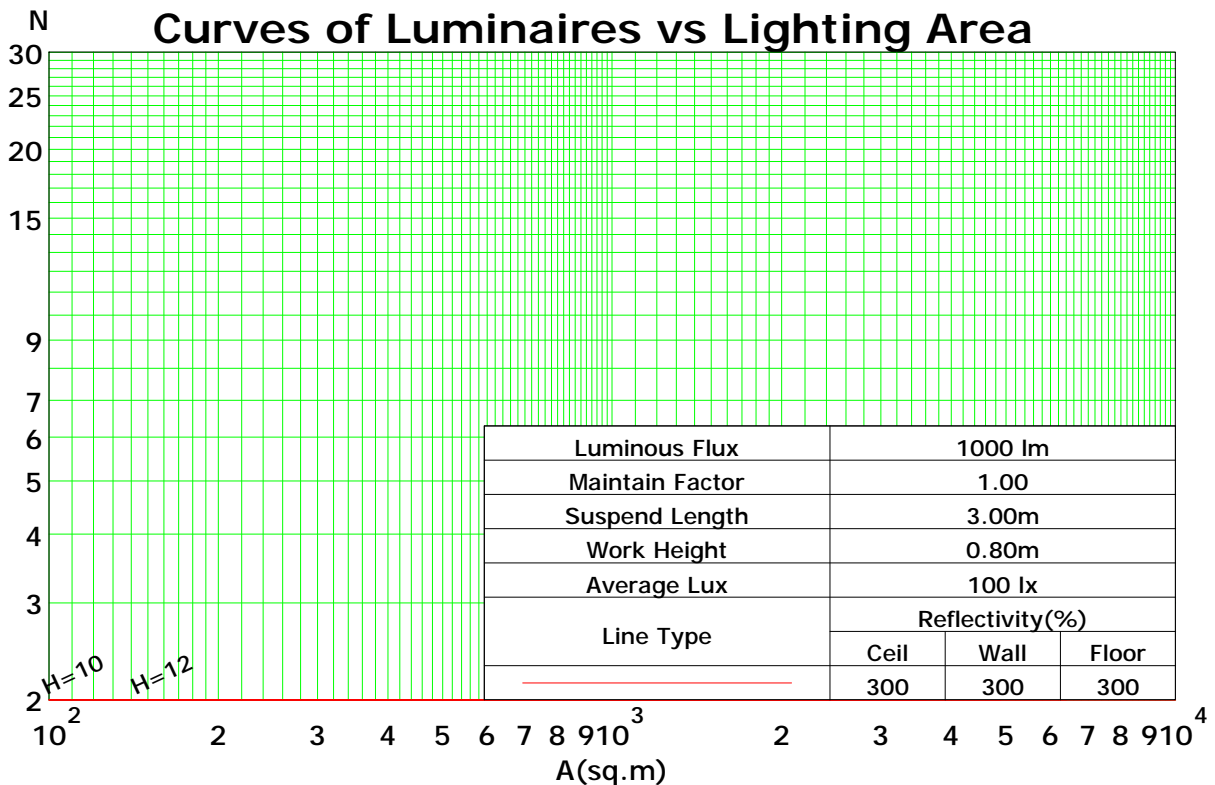
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	108	105	102	100	102	100	98	99	97	96	96	95	94	92
3	107	102	98	95	105	100	97	94	98	95	92	95	93	91	93	91	90	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82
6	96	89	85	82	95	89	84	81	87	84	81	86	83	80	85	82	80	79
7	93	86	82	78	92	86	81	78	84	81	78	83	80	77	82	79	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	74
9	88	81	76	73	87	80	76	73	79	75	73	79	75	73	78	75	72	71
10	85	78	74	71	84	78	74	71	77	73	71	76	73	70	76	73	70	69

Spacing Criteria (0-180): 0.23

Spacing Criteria (90-270): 0.24

Spacing Criteria (Diagonal): 0.24



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

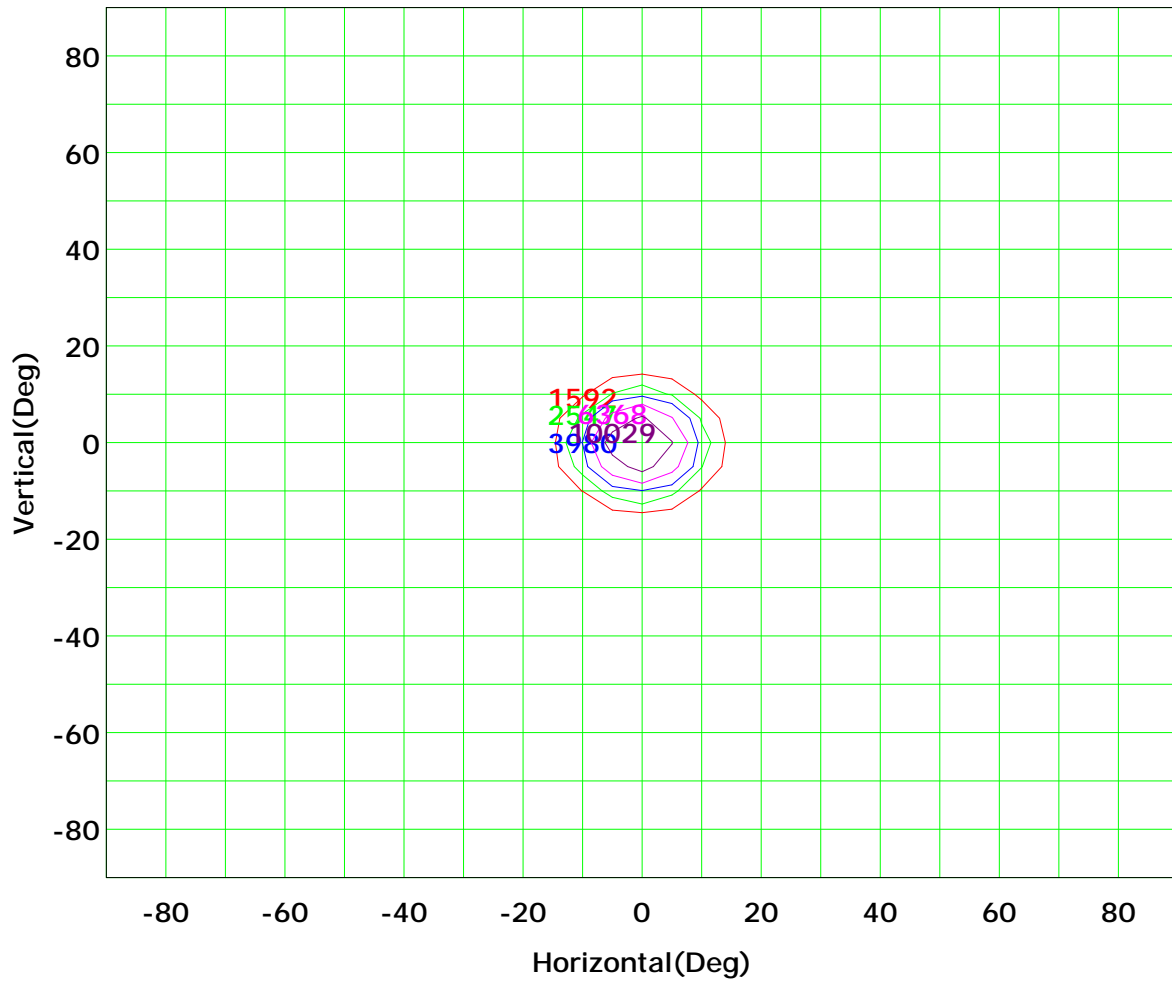
Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector:

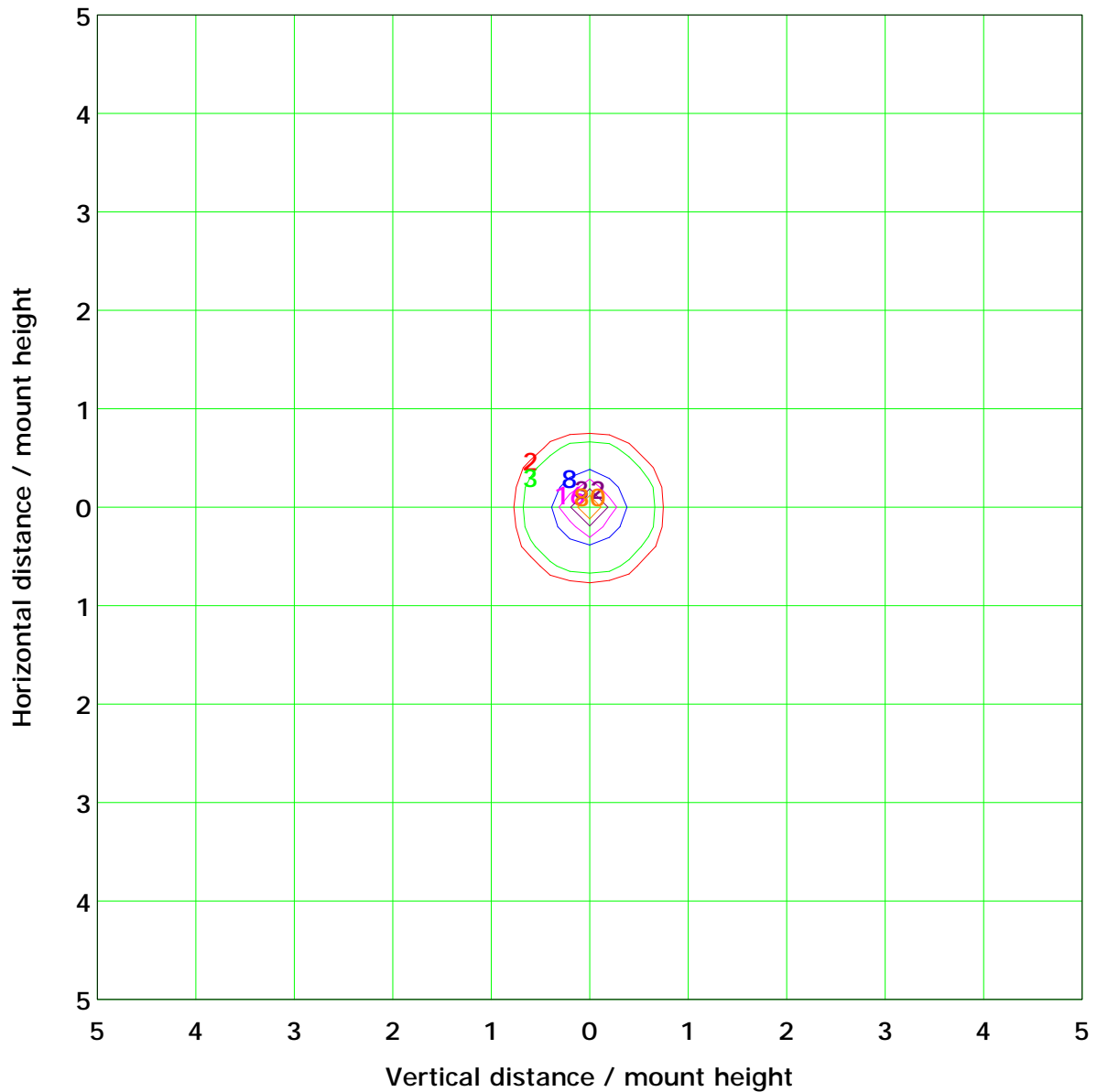
Isocandela (rectangle)



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 159.1 lx

(1%): 1.6 lx	(2%): 3.2 lx
(5%): 8.0 lx	(10%): 15.9 lx
(20%): 31.8 lx	(50%): 79.6 lx
(100%): 159.1 lx	

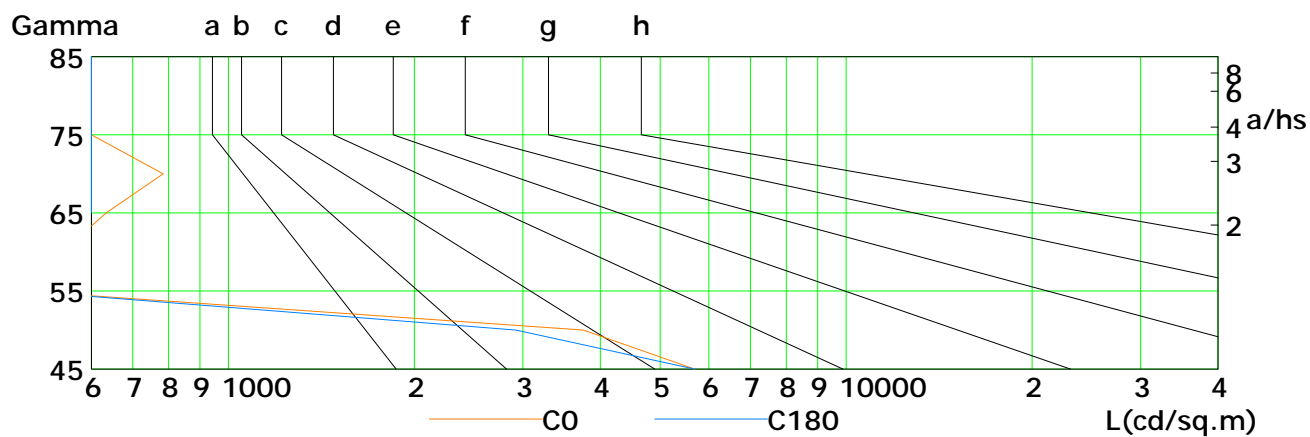
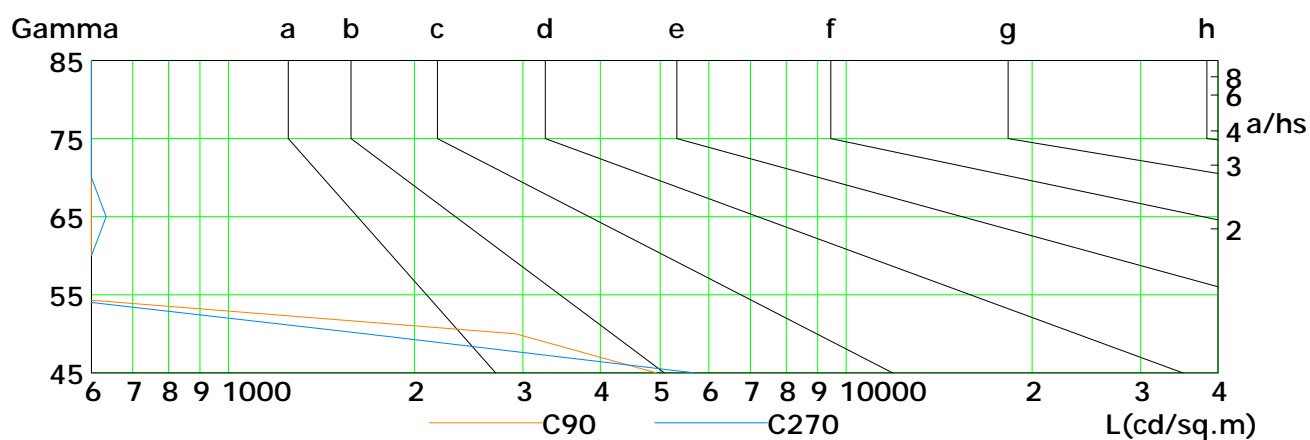
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 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	5691	3756	468	536	635	784	0	0	0
C90	4932	2921	468	0	0	0	0	0	0
C180	5691	2921	468	536	0	0	0	0	0
C270	5691	1669	468	0	635	0	0	0	0

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

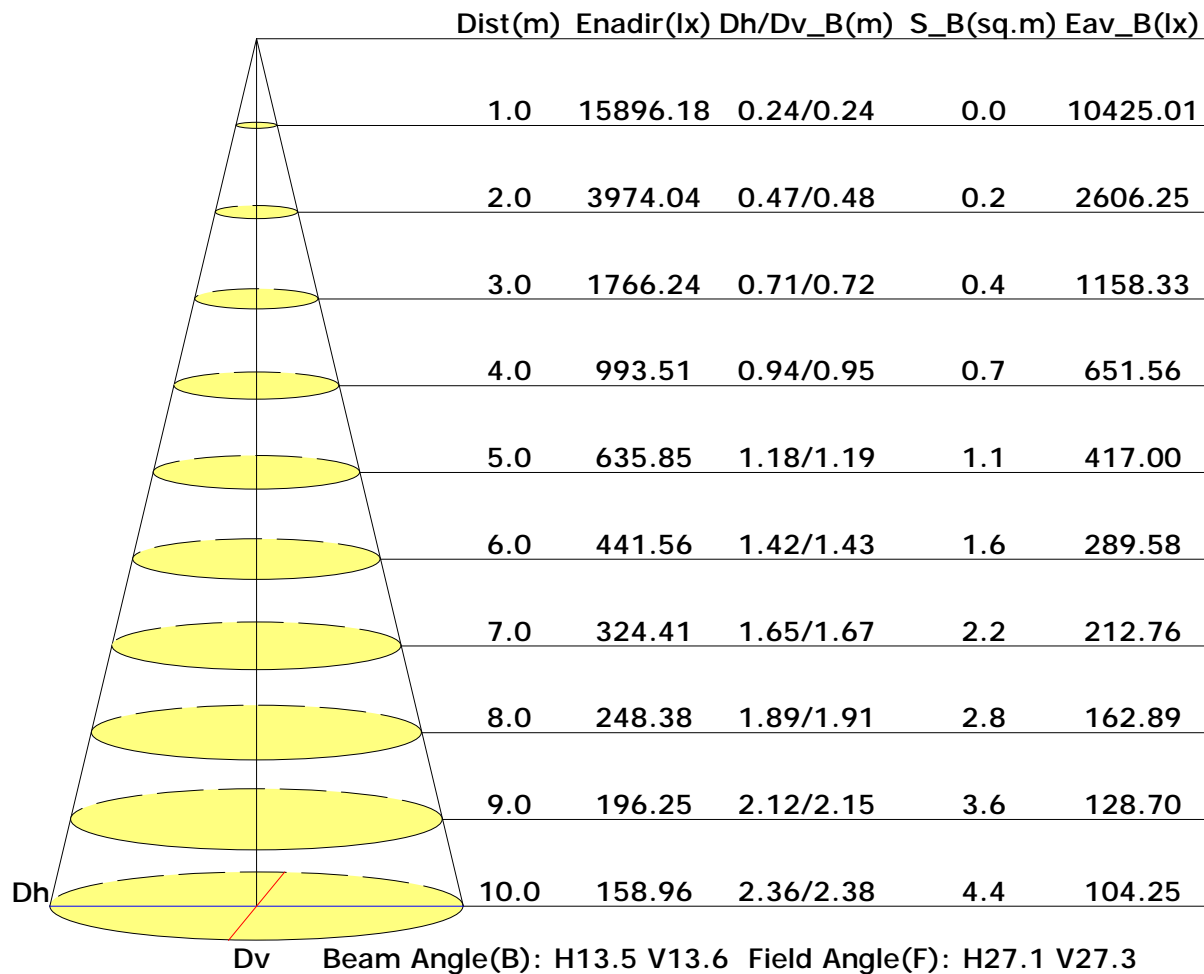
Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector:

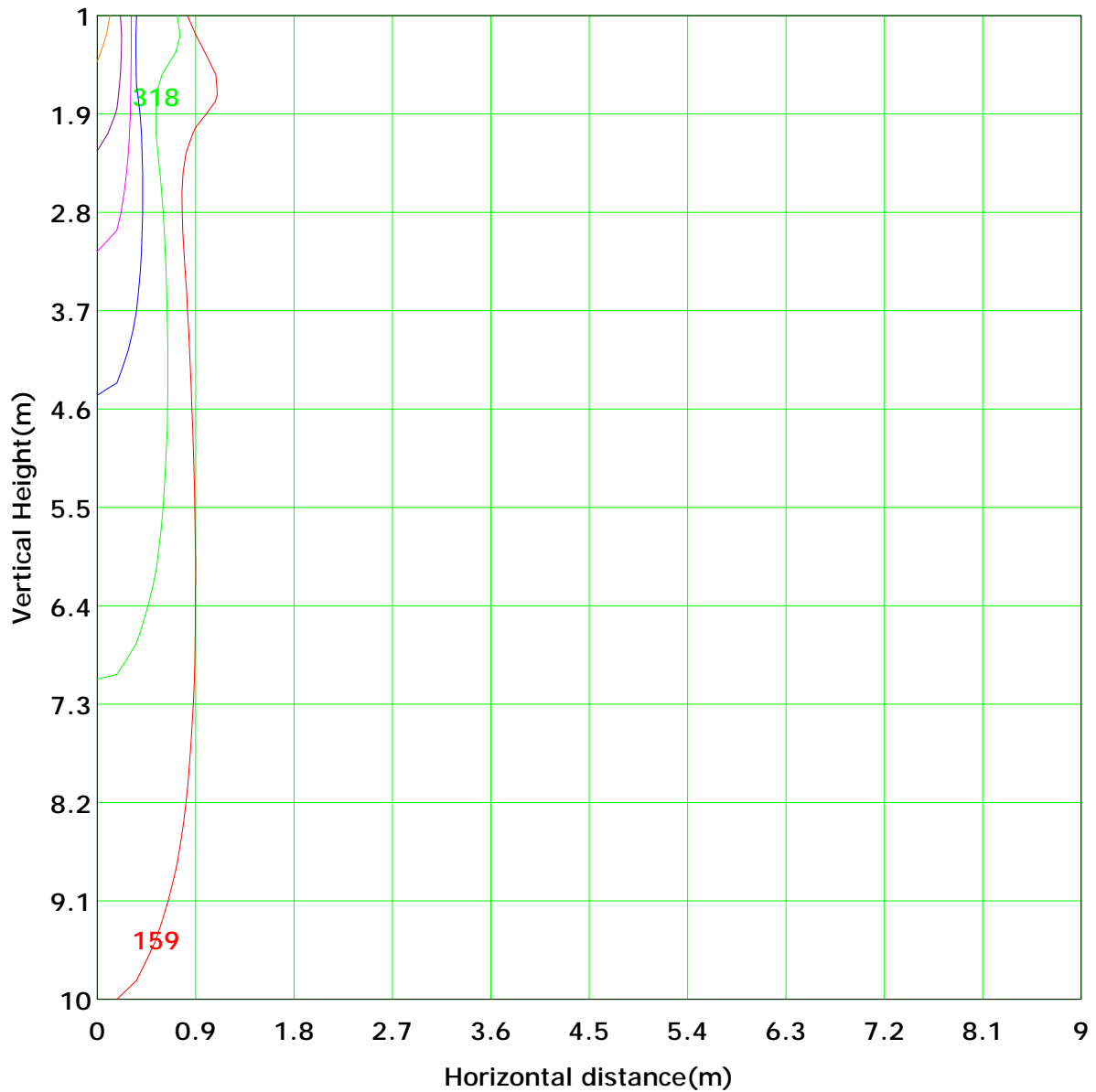
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



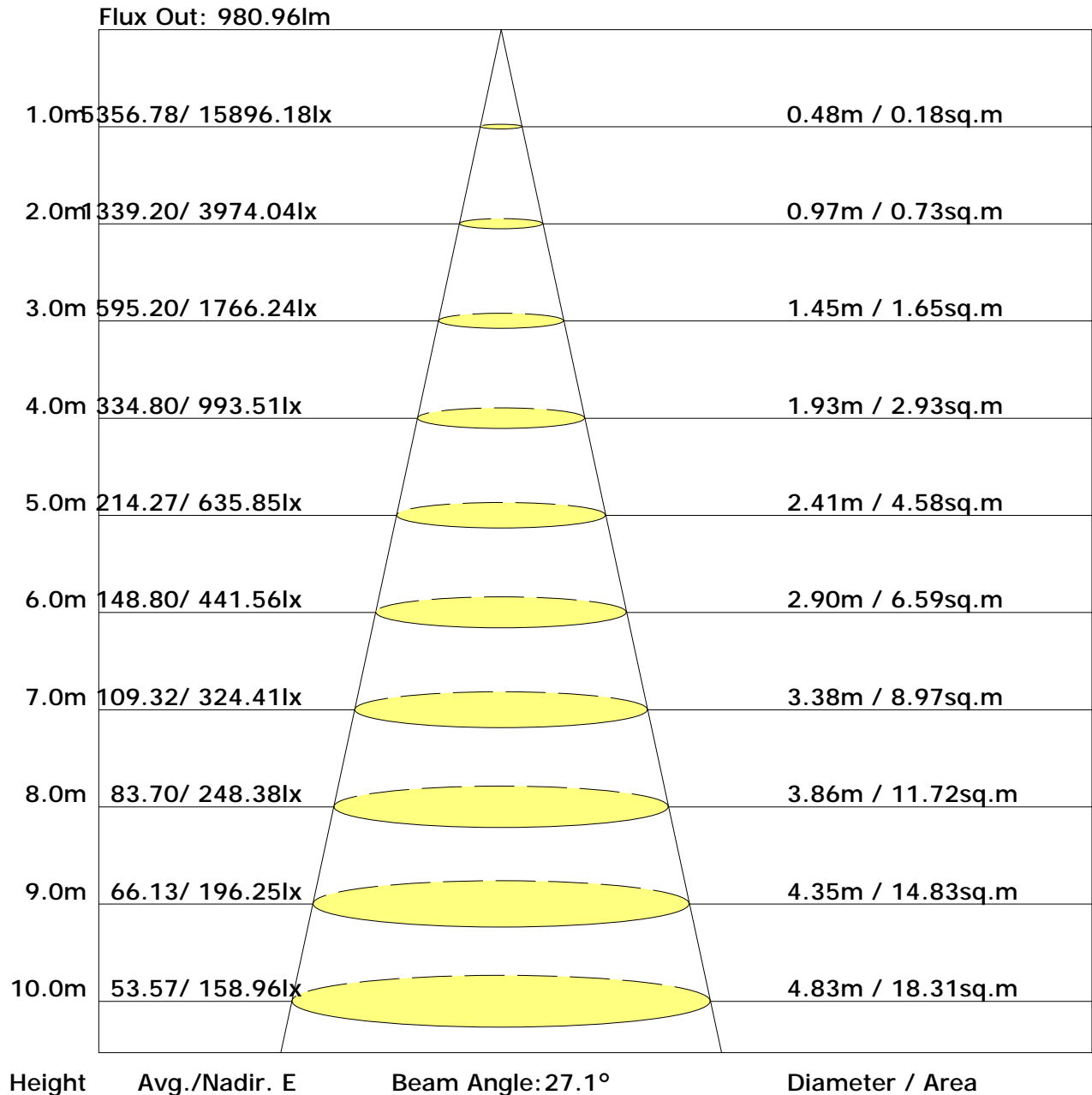
Lowest(m): 1.0m Highest(m): 10.0m Max Lux: 15896.2 lx

(1%): 159.0 lx	(2%): 317.9 lx
(5%): 794.8 lx	(10%): 1589.6 lx
(20%): 3179.2 lx	(50%): 7948.1 lx
(100%): 15896.2 lx	

C Plane (°): 0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0: 1.0
 Test Device: CHL-6E
 Distance: 4.000 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	14.5	15.2	14.8	15.4	15.6	14.3	15.0	14.6	15.2	15.4
3H	14.4	15.0	14.7	15.2	15.5	14.2	14.8	14.5	15.0	15.3
4H	14.3	14.9	14.6	15.2	15.4	14.1	14.7	14.4	14.9	15.2
6H	14.3	14.8	14.6	15.1	15.3	14.0	14.6	14.4	14.8	15.1
8H	14.2	14.7	14.6	15.0	15.3	14.0	14.5	14.3	14.8	15.1
12H	14.2	14.7	14.5	15.0	15.3	14.0	14.5	14.3	14.8	15.1
X=4H Y=2H	14.3	14.9	14.6	15.1	15.4	14.1	14.7	14.4	14.9	15.2
3H	14.2	14.7	14.5	15.0	15.3	14.0	14.5	14.3	14.8	15.1
4H	14.1	14.5	14.5	14.9	15.2	13.9	14.3	14.3	14.7	15.0
6H	14.0	14.4	14.4	14.8	15.1	13.8	14.2	14.2	14.5	14.9
8H	14.0	14.3	14.4	14.7	15.1	13.8	14.1	14.2	14.5	14.9
12H	13.9	14.2	14.4	14.6	15.1	13.7	14.0	14.1	14.4	14.9
X=8H Y=4H	14.0	14.3	14.4	14.7	15.1	13.8	14.1	14.2	14.5	14.9
6H	13.9	14.1	14.3	14.6	15.0	13.7	13.9	14.1	14.4	14.8
8H	13.8	14.1	14.3	14.5	15.0	13.6	13.9	14.1	14.3	14.8
12H	13.8	14.0	14.3	14.5	14.9	13.6	13.8	14.0	14.2	14.7
X=12H Y=4H	13.9	14.2	14.4	14.6	15.1	13.7	14.0	14.1	14.4	14.9
6H	13.8	14.1	14.3	14.5	15.0	13.6	13.9	14.1	14.3	14.8
8H	13.8	14.0	14.3	14.5	14.9	13.6	13.8	14.0	14.2	14.7
Variations with the observer position at spacings:										
S=1.0H	+5.4/-19.9					+5.8/-21.3				
S=1.5H	+8.2/-27.1					+8.6/-52.1				
S=2.0H	+10.2/-1.\$					+10.6/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 1893lm ($8\log(F/F_0) = 2.2$).

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 4.000 m
Humidity:
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	1.03	1.08	1.12	1.15	1.19	1.21	1.23	1.25	1.26
	0.30		0.98	1.04	1.08	1.11	1.16	1.18	1.20	1.23	1.25
	0.20		0.95	1.01	1.05	1.08	1.13	1.16	1.18	1.21	1.23
0.50	0.50	0.20	1.01	1.07	1.10	1.13	1.16	1.18	1.19	1.21	1.22
	0.30		0.97	1.03	1.07	1.09	1.13	1.15	1.17	1.19	1.20
	0.20		0.95	1.00	1.04	1.07	1.11	1.13	1.15	1.18	1.19
0.30	0.50	0.20	1.00	1.05	1.08	1.10	1.13	1.14	1.16	1.17	1.18
	0.30		0.97	1.02	1.05	1.08	1.11	1.13	1.14	1.16	1.17
	0.20		0.94	0.99	1.03	1.05	1.09	1.11	1.12	1.14	1.16
0.00	0.00	0.00	0.92	0.97	1.01	1.03	1.05	1.07	1.08	1.10	1.10
<p>Rating:24W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.11
	0.30		0.46	0.38	0.33	0.29	0.23	0.20	0.17	0.13	0.11
	0.20		0.40	0.33	0.29	0.26	0.21	0.18	0.16	0.12	0.10
0.50	0.50	0.20	0.53	0.42	0.35	0.30	0.24	0.24	0.17	0.13	0.10
	0.30		0.44	0.36	0.31	0.27	0.22	0.18	0.15	0.12	0.10
	0.20		0.39	0.32	0.28	0.25	0.20	0.17	0.15	0.11	0.10
0.30	0.50	0.20	0.50	0.39	0.33	0.28	0.22	0.18	0.15	0.11	0.09
	0.30		0.43	0.35	0.29	0.25	0.20	0.17	0.14	0.11	0.09
	0.20		0.37	0.31	0.27	0.23	0.19	0.16	0.13	0.10	0.09
0.00	0.00	0.00	0.21	0.16	0.13	0.11	0.09	0.07	0.06	0.04	0.03
<p>Rating:24W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.23
	0.30		0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.21
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.22
	0.30		0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.13	0.15	0.16	0.17	0.19	0.20
0.30	0.50	0.20	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21
	0.30		0.09	0.12	0.13	0.14	0.16	0.18	0.18	0.20	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
<p>Rating:24W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	15769.9	15.1	15.1	0.80	0.80
1.0-2.0	15318.7	44.0	59.1	2.32	3.12
2.0-3.0	14459.2	69.2	128.2	3.65	6.77
3.0-4.0	13316.9	89.2	217.4	4.71	11.48
4.0-5.0	11905.9	102.4	319.8	5.41	16.90
5.0-6.0	10215.1	107.4	427.2	5.67	22.57
6.0-7.0	8422.0	104.6	531.7	5.52	28.09
7.0-8.0	6749.8	96.6	628.3	5.10	33.19
8.0-9.0	5323.1	86.3	714.6	4.56	37.75
9.0-10.0	4155.2	75.2	789.8	3.97	41.72
10.0-11.0	3219.2	64.3	854.2	3.40	45.12
11.0-12.0	2507.2	54.8	909.0	2.90	48.02
12.0-13.0	1993.8	47.3	956.3	2.50	50.52
13.0-14.0	1637.4	41.9	998.2	2.21	52.73
14.0-15.0	1390.1	38.2	1036.4	2.02	54.75
15.0-16.0	1212.8	35.5	1071.9	1.88	56.63
16.0-17.0	1085.0	33.8	1105.7	1.79	58.41
17.0-18.0	995.0	32.8	1138.5	1.73	60.15
18.0-19.0	930.4	32.4	1170.9	1.71	61.86
19.0-20.0	881.4	32.3	1203.2	1.70	63.56
20.0-21.0	844.8	32.4	1235.6	1.71	65.27
21.0-22.0	816.8	32.8	1268.4	1.73	67.01
22.0-23.0	795.8	33.4	1301.8	1.76	68.77
23.0-24.0	779.0	34.1	1335.9	1.80	70.57
24.0-25.0	763.9	34.7	1370.6	1.84	72.41
25.0-26.0	751.8	35.5	1406.1	1.88	74.28
26.0-27.0	740.0	36.2	1442.3	1.91	76.19
27.0-28.0	727.9	36.9	1479.2	1.95	78.14
28.0-29.0	717.6	37.5	1516.8	1.98	80.13
29.0-30.0	706.1	38.1	1554.9	2.01	82.14
30.0-31.0	693.1	38.6	1593.5	2.04	84.18
31.0-32.0	682.2	39.1	1632.6	2.06	86.24
32.0-33.0	663.6	39.1	1671.7	2.07	88.31
33.0-34.0	624.4	37.8	1709.4	2.00	90.30
34.0-35.0	558.9	34.7	1744.2	1.83	92.14
35.0-36.0	472.4	30.1	1774.2	1.59	93.73

C Plane (°): 0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°): 0.0-90.0: 1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	378.3	24.7	1798.9	1.30	95.03
37.0-38.0	285.0	19.0	1817.9	1.01	96.04
38.0-39.0	196.5	13.4	1831.4	0.71	96.75
39.0-40.0	123.0	8.6	1839.9	0.45	97.20
40.0-41.0	78.2	5.6	1845.5	0.29	97.49
41.0-42.0	61.4	4.5	1850.0	0.24	97.73
42.0-43.0	59.3	4.4	1854.4	0.23	97.96
43.0-44.0	61.4	4.6	1859.0	0.24	98.21
44.0-45.0	65.8	5.1	1864.1	0.27	98.47
45.0-46.0	68.8	5.4	1869.4	0.28	98.76
46.0-47.0	65.5	5.2	1874.6	0.28	99.03
47.0-48.0	56.9	4.6	1879.3	0.24	99.28
48.0-49.0	46.3	3.8	1883.1	0.20	99.48
49.0-50.0	36.3	3.0	1886.1	0.16	99.64
50.0-51.0	25.1	2.1	1888.2	0.11	99.75
51.0-52.0	13.9	1.2	1889.4	0.06	99.81
52.0-53.0	7.7	0.7	1890.1	0.04	99.85
53.0-54.0	4.7	0.4	1890.5	0.02	99.87
54.0-55.0	4.1	0.4	1890.8	0.02	99.89
55.0-56.0	3.5	0.3	1891.2	0.02	99.90
56.0-57.0	3.2	0.3	1891.5	0.02	99.92
57.0-58.0	3.5	0.3	1891.8	0.02	99.94
58.0-59.0	2.1	0.2	1892.0	0.01	99.95
59.0-60.0	1.8	0.2	1892.1	0.01	99.96
60.0-61.0	1.5	0.1	1892.3	0.01	99.96
61.0-62.0	0.3	0.0	1892.3	0.00	99.97
62.0-63.0	0.9	0.1	1892.4	0.00	99.97
63.0-64.0	0.9	0.1	1892.5	0.00	99.97
64.0-65.0	0.9	0.1	1892.6	0.00	99.98
65.0-66.0	1.2	0.1	1892.7	0.01	99.99
66.0-67.0	0.6	0.1	1892.8	0.00	99.99
67.0-68.0	0.6	0.1	1892.8	0.00	99.99
68.0-69.0	0.3	0.0	1892.8	0.00	99.99
69.0-70.0	0.3	0.0	1892.9	0.00	100.00
70.0-71.0	0.3	0.0	1892.9	0.00	100.00
71.0-72.0	0.0	0.0	1892.9	0.00	100.00

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.000 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

[illegible]

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 4.000 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	15896.2	15867.8	15877.3	15872.6	15896.2	15867.8	15877.3	15872.6	15896.2	
G1.0	15919.8	15886.7	15811.2	15679.0	15428.8	15405.2	15504.3	15655.4	15919.8	
G2.0	15466.5	15457.1	15239.9	14961.4	14517.6	14503.4	14692.3	14970.8	15466.5	
G3.0	14555.4	14531.8	14276.8	13941.6	13351.5	13318.4	13601.7	13960.5	14555.4	
G4.0	13412.8	13412.8	13134.3	12695.2	11939.8	11935.1	12279.8	12723.5	13412.8	
G5.0	11968.2	11996.5	11637.7	11127.8	10226.0	10207.2	10651.0	11146.7	11968.2	
G6.0	10202.5	10216.6	9862.5	9324.3	8356.5	8337.6	8833.3	9347.9	10202.5	
G7.0	8347.0	8384.8	8073.2	7558.6	6656.9	6604.9	7086.5	7558.6	8347.0	
G8.0	6609.6	6666.3	6449.1	6000.6	5235.8	5183.8	5594.6	5986.4	6609.6	
G9.0	5188.6	5249.9	5089.4	4730.6	4088.5	4036.6	4367.1	4692.8	5188.6	
G10.0	4036.6	4098.0	3970.5	3682.5	3163.2	3116.0	3356.8	3616.4	4036.6	
G11.0	3116.0	3182.1	3082.9	2846.9	2464.4	2417.2	2591.9	2766.6	3116.0	
G12.0	2426.7	2492.8	2403.1	2233.1	1964.0	1926.2	2039.6	2162.3	2426.7	
G13.0	1931.0	1978.2	1921.5	1798.8	1624.1	1595.8	1666.6	1737.4	1931.0	
G14.0	1595.8	1633.5	1595.8	1510.8	1378.6	1364.4	1416.3	1449.4	1595.8	
G15.0	1359.7	1392.7	1359.7	1298.3	1208.6	1199.2	1227.5	1251.1	1359.7	
G16.0	1199.2	1218.1	1199.2	1142.5	1071.7	1071.7	1090.6	1114.2	1199.2	
G17.0	1071.7	1090.6	1076.4	1038.7	986.7	982.0	996.2	1010.3	1071.7	
G18.0	986.7	996.2	982.0	967.8	930.1	925.3	934.8	944.2	986.7	
G19.0	925.3	934.8	915.9	906.5	878.1	882.9	878.1	897.0	925.3	
G20.0	878.1	887.6	873.4	864.0	840.4	840.4	840.4	859.3	878.1	
G21.0	840.4	849.8	840.4	835.7	816.8	812.0	821.5	816.8	840.4	
G22.0	816.8	816.8	807.3	812.0	802.6	793.2	793.2	793.2	816.8	
G23.0	793.2	793.2	788.4	793.2	788.4	779.0	779.0	783.7	793.2	
G24.0	783.7	779.0	774.3	769.5	769.5	760.1	760.1	769.5	783.7	
G25.0	760.1	760.1	755.4	764.8	755.4	750.7	755.4	755.4	760.1	
G26.0	750.7	755.4	750.7	750.7	741.2	741.2	741.2	741.2	750.7	
G27.0	741.2	741.2	731.8	731.8	731.8	722.3	731.8	736.5	741.2	
G28.0	736.5	731.8	717.6	717.6	722.3	717.6	717.6	717.6	736.5	
G29.0	717.6	717.6	708.2	712.9	708.2	712.9	712.9	712.9	717.6	
G30.0	703.5	698.7	703.5	694.0	703.5	694.0	694.0	703.5	703.5	
G31.0	694.0	694.0	684.6	684.6	684.6	684.6	684.6	684.6	694.0	
G32.0	684.6	684.6	679.8	675.1	679.8	670.4	675.1	670.4	684.6	
G33.0	670.4	670.4	661.0	665.7	632.6	618.5	632.6	646.8	670.4	
G34.0	642.1	642.1	632.6	609.0	566.5	547.7	566.5	585.4	642.1	
G35.0	580.7	576.0	571.3	528.8	472.1	453.2	467.4	500.4	580.7	
G36.0	491.0	491.0	481.6	429.6	377.7	354.1	377.7	406.0	491.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	391.9	396.6	382.4	339.9	278.5	254.9	283.3	316.3	391.9	
G38.0	292.7	302.1	292.7	245.5	188.9	179.4	188.9	226.6	292.7	
G39.0	198.3	207.7	198.3	155.8	113.3	99.1	118.0	136.9	198.3	
G40.0	127.5	127.5	113.3	94.4	66.1	61.4	70.8	80.3	127.5	
G41.0	75.5	75.5	70.8	61.4	51.9	61.4	61.4	51.9	75.5	
G42.0	61.4	61.4	61.4	51.9	61.4	51.9	61.4	61.4	61.4	
G43.0	61.4	61.4	61.4	51.9	61.4	61.4	61.4	56.7	61.4	
G44.0	61.4	61.4	61.4	61.4	66.1	61.4	70.8	61.4	61.4	
G45.0	70.8	70.8	61.4	61.4	70.8	70.8	70.8	70.8	70.8	
G46.0	70.8	70.8	70.8	66.1	70.8	66.1	66.1	70.8	70.8	
G47.0	70.8	66.1	61.4	61.4	61.4	61.4	56.7	56.7	70.8	
G48.0	56.7	56.7	51.9	51.9	51.9	51.9	42.5	51.9	56.7	
G49.0	51.9	51.9	42.5	37.8	37.8	37.8	28.3	37.8	51.9	
G50.0	42.5	37.8	33.0	28.3	33.0	28.3	18.9	33.0	42.5	
G51.0	33.0	23.6	18.9	14.2	14.2	14.2	14.2	14.2	33.0	
G52.0	18.9	9.4	14.2	4.7	4.7	14.2	4.7	4.7	18.9	
G53.0	14.2	4.7	4.7	4.7	4.7	4.7	4.7	4.7	14.2	
G54.0	4.7	4.7	4.7	0.0	4.7	4.7	4.7	0.0	4.7	
G55.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	
G56.0	4.7	0.0	0.0	0.0	4.7	4.7	4.7	0.0	4.7	
G57.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	4.7	
G58.0	4.7	4.7	0.0	0.0	4.7	4.7	0.0	4.7	4.7	
G59.0	4.7	0.0	0.0	0.0	4.7	0.0	0.0	0.0	4.7	
G60.0	4.7	4.7	0.0	0.0	4.7	4.7	0.0	0.0	4.7	
G61.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G63.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7	4.7	0.0	
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G65.0	4.7	4.7	0.0	0.0	0.0	0.0	4.7	0.0	4.7	
G66.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G67.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	
G68.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G70.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G73.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

[illegible]

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: CHL-6E

Distance: 4.000 m

Humidity:

Inspector: