

Report No.: LE-08TR HUGO 35W 60D

Test Time: 2019-01-27 02:19

Luminaire Property

Luminaire Category:

Lamp Description: CXM-14 CCT4000 RA90

Lumens per Lamp: 3629

Height (mm): 225

Current: 0.000 A

Power Factor: 0.000

Number of Lamps: 1

Width (mm): 102

Voltage: 2.3 V

Power: 0.00 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3474 lm

Downward Ratio: 95.73%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 74.5, 74.4, 74.4, 74.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 59.1, 58.9, 58.9, 58.9

Luminaire Efficacy Rating (LER): 3474.02

Max. Intensity: 4531.11 cd

S/MH(C0/C180): 0.88

Total Rated Lamp Lumens: 3629.0 lm

Efficiency: 95.73%

Upward Ratio: 0.00%

Central Intensity: 4518.51 cd

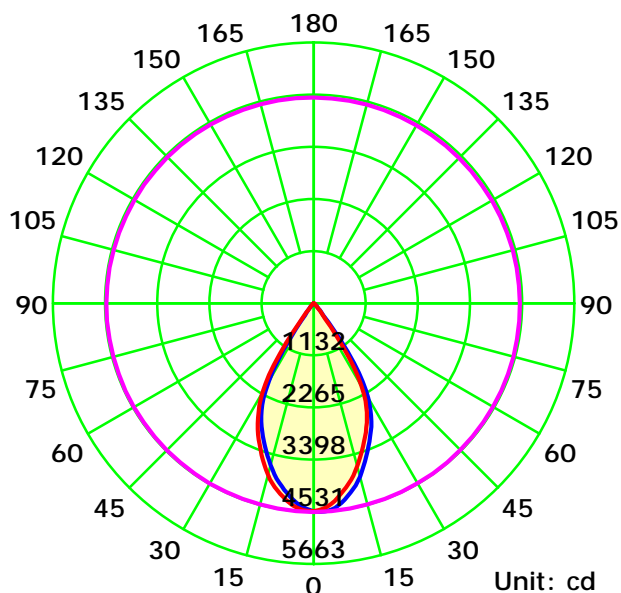
Pos of Max. Intensity: H0 V2

S/MH(C90/C270): 0.88

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

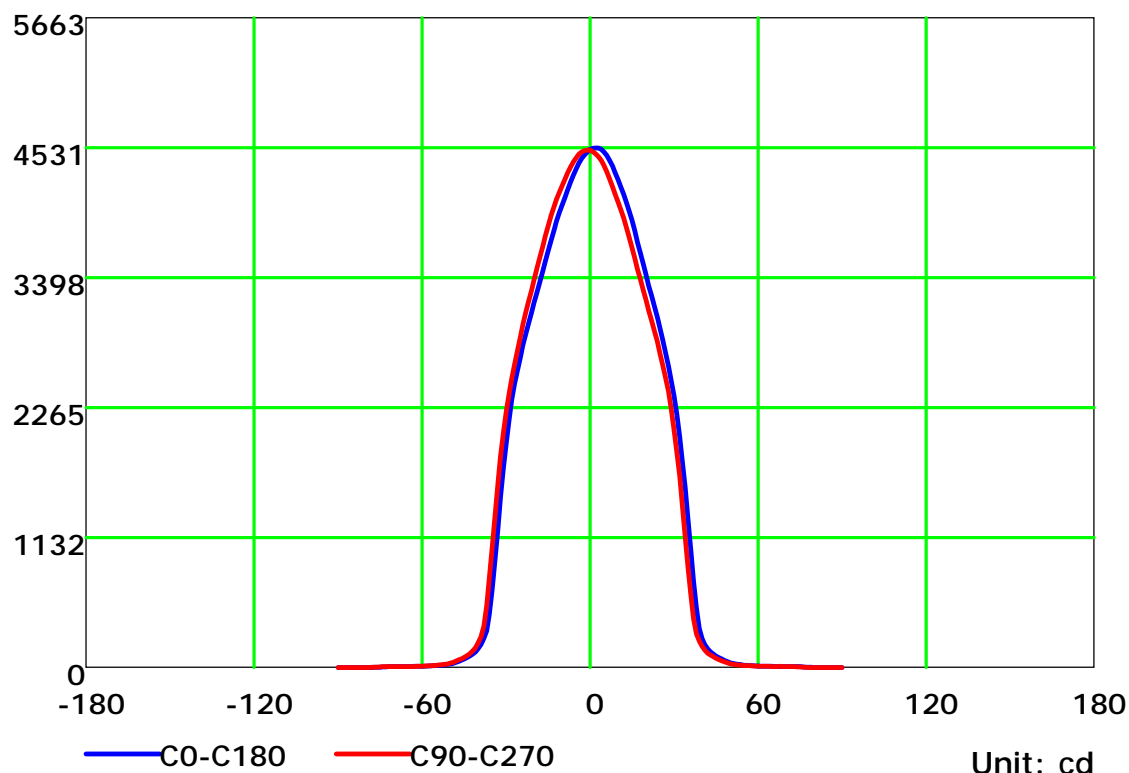
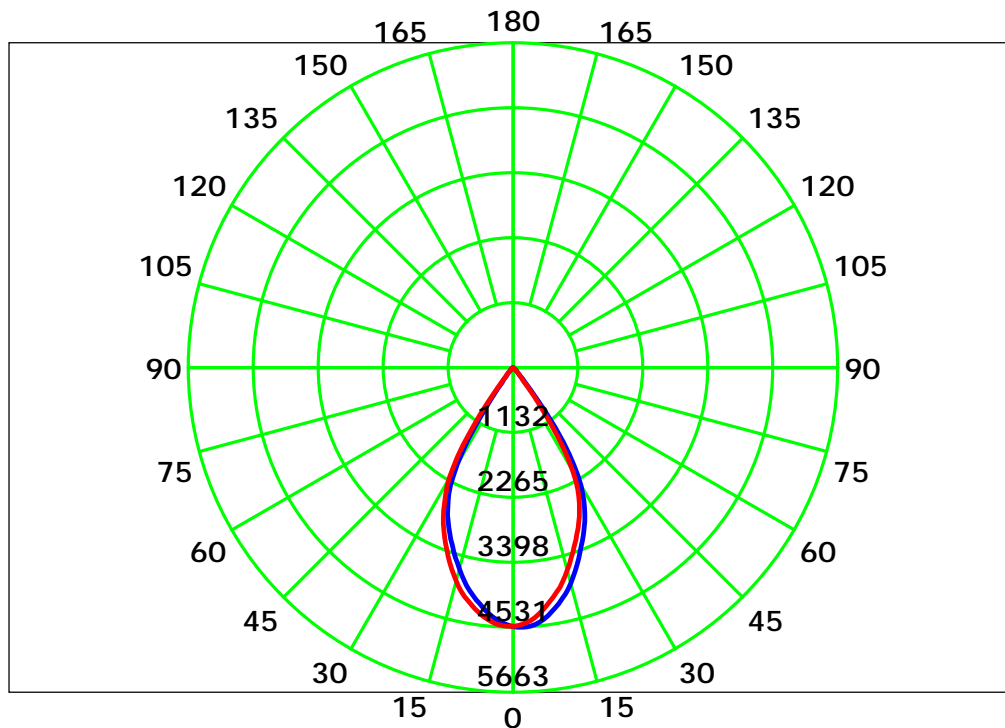
Test Device: CHL-6E

Distance: 4.200 m

Humidity:

Inspector:

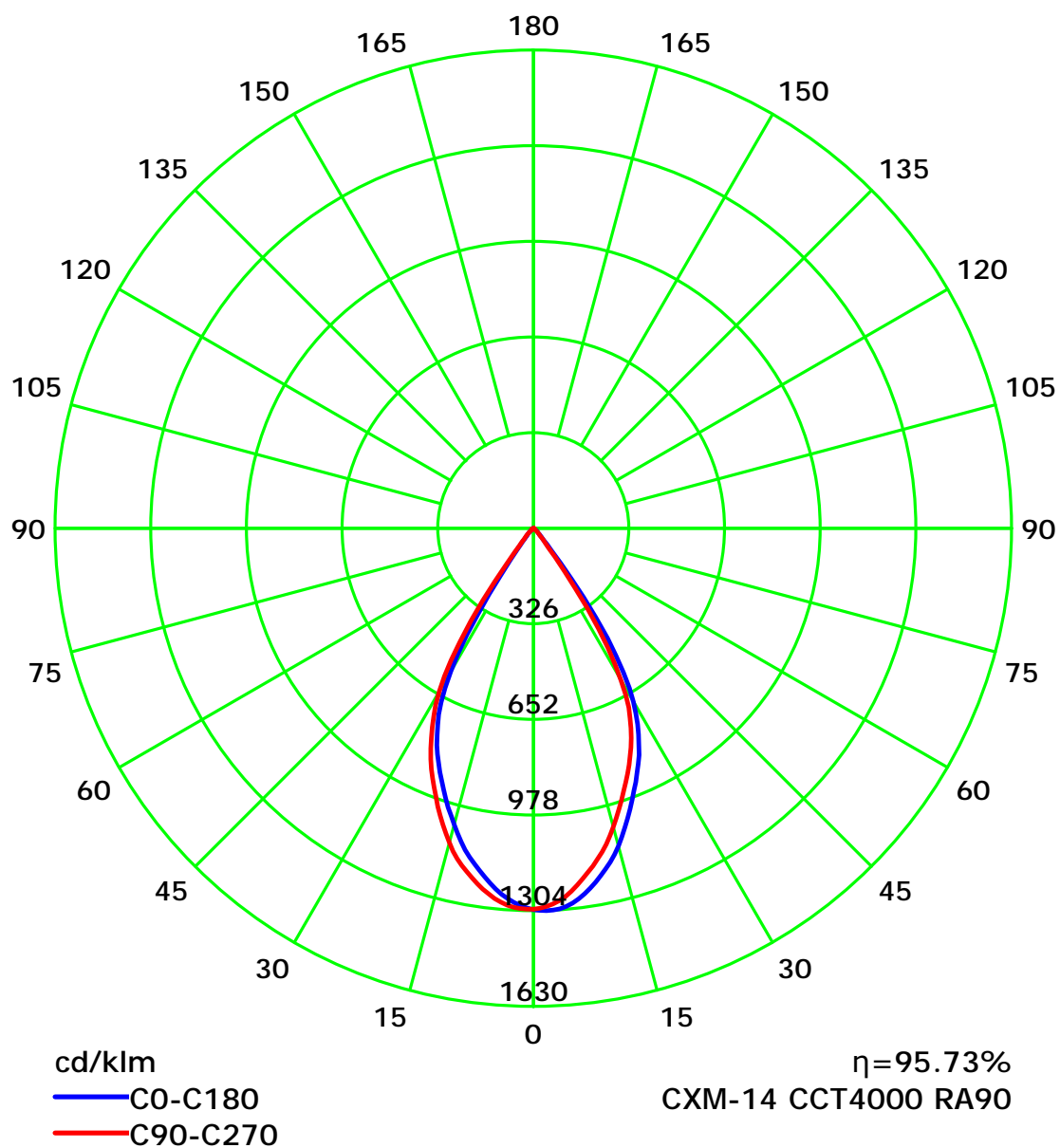
Luminous Intensity Distribution Curve



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: 4.200 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: 4.200 m
Humidity:
Inspector:

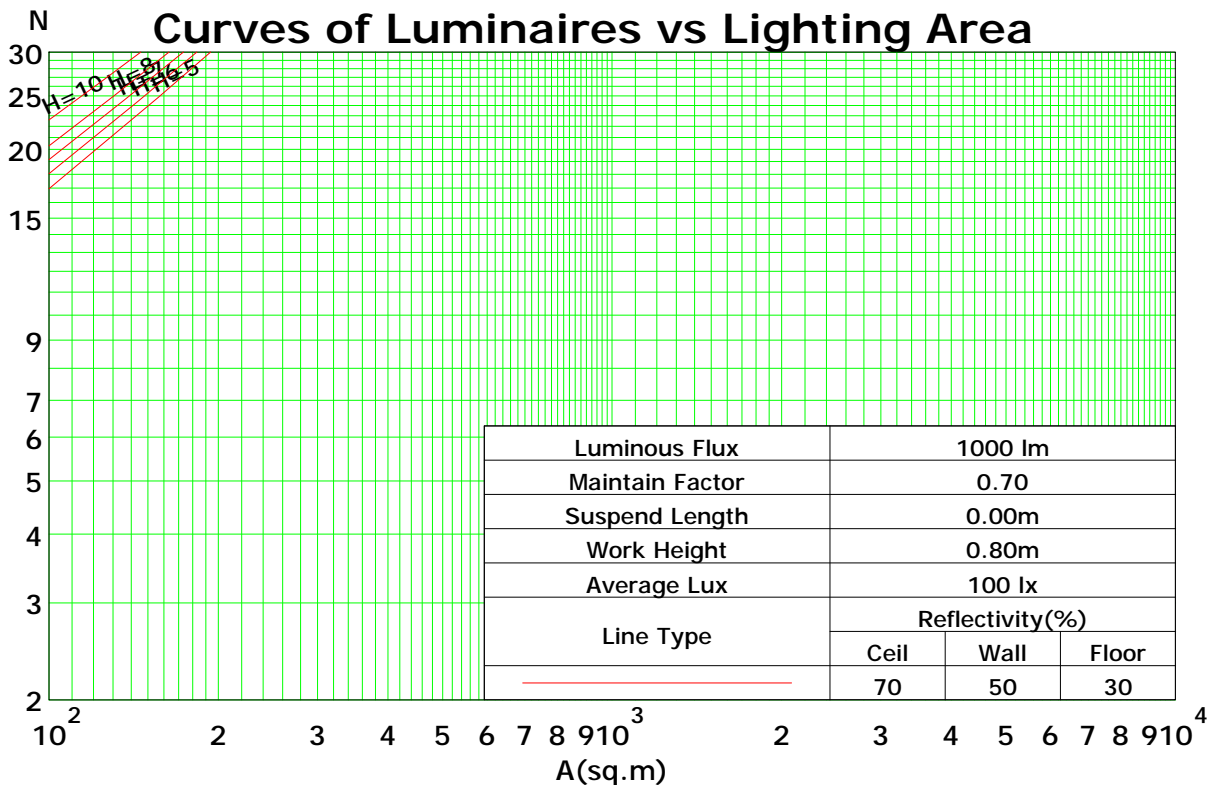
Coefficients Of Utilization - Zonal Cavity Method

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	114	114	114	114	111	111	111	111	106	106	106	102	102	102	98	98	98	96
1	109	106	104	102	107	104	102	100	100	99	97	97	96	94	94	93	92	90
2	104	99	96	93	102	98	94	92	95	92	90	92	90	88	89	87	86	84
3	99	93	89	85	97	92	88	84	89	86	83	87	84	82	85	82	80	79
4	94	87	82	79	93	86	82	78	84	80	77	82	79	76	81	78	75	74
5	90	82	77	73	88	81	76	73	80	75	72	78	74	71	77	73	71	70
6	86	78	72	68	84	77	72	68	75	71	68	74	70	67	73	69	67	65
7	82	73	68	64	80	73	67	64	71	67	63	70	66	63	69	66	63	62
8	78	69	64	60	77	69	64	60	68	63	60	67	63	59	66	62	59	58
9	74	66	60	57	73	65	60	57	64	60	56	64	59	56	63	59	56	55
10	71	62	57	54	70	62	57	53	61	57	53	60	56	53	60	56	53	52

Spacing Criteria (0-180): 0.88

Spacing Criteria (90-270): 0.88

Spacing Criteria (Diagonal): 0.87



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

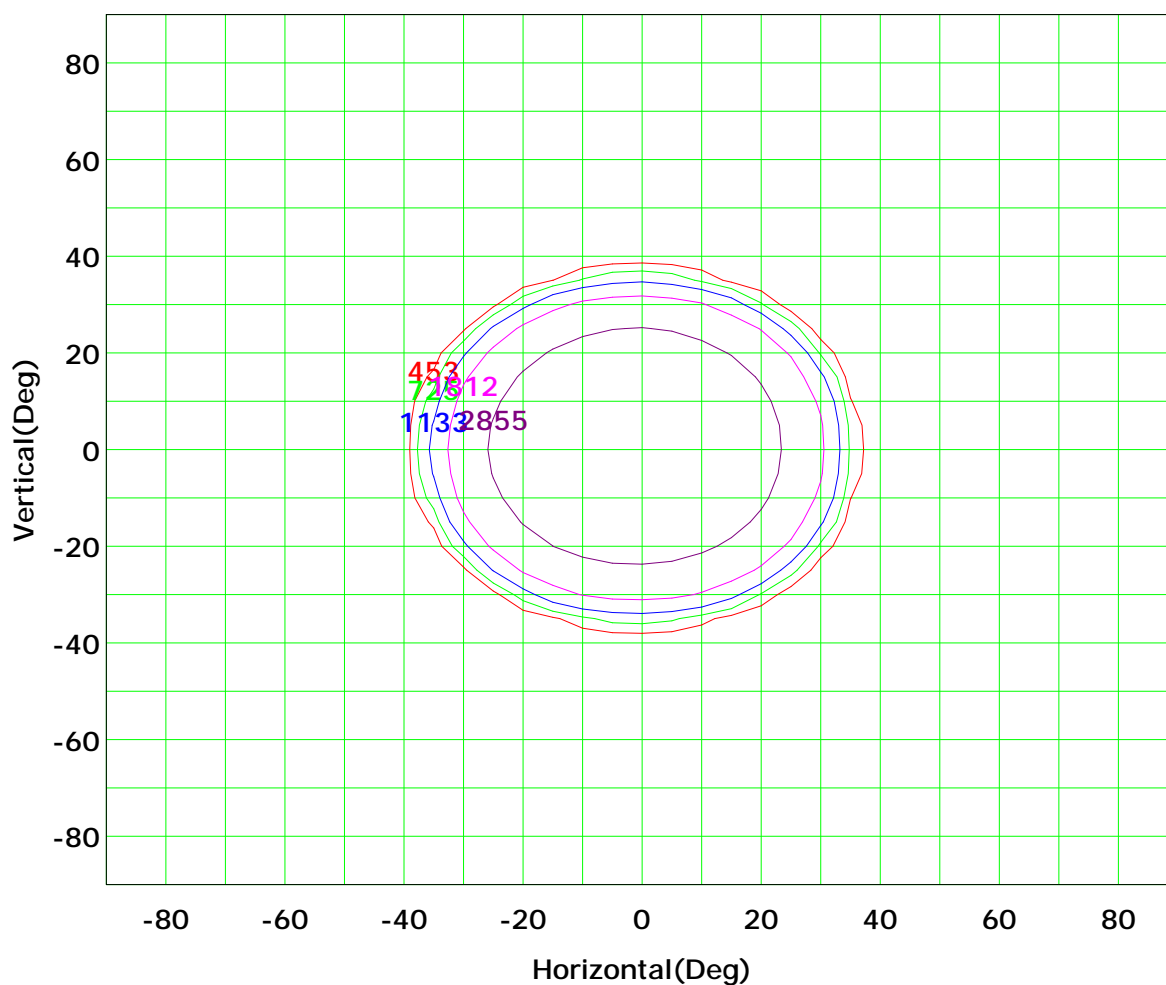
Test Device: CHL-6E

Distance: 4.200 m

Humidity:

Inspector:

Isocandela (rectangle)



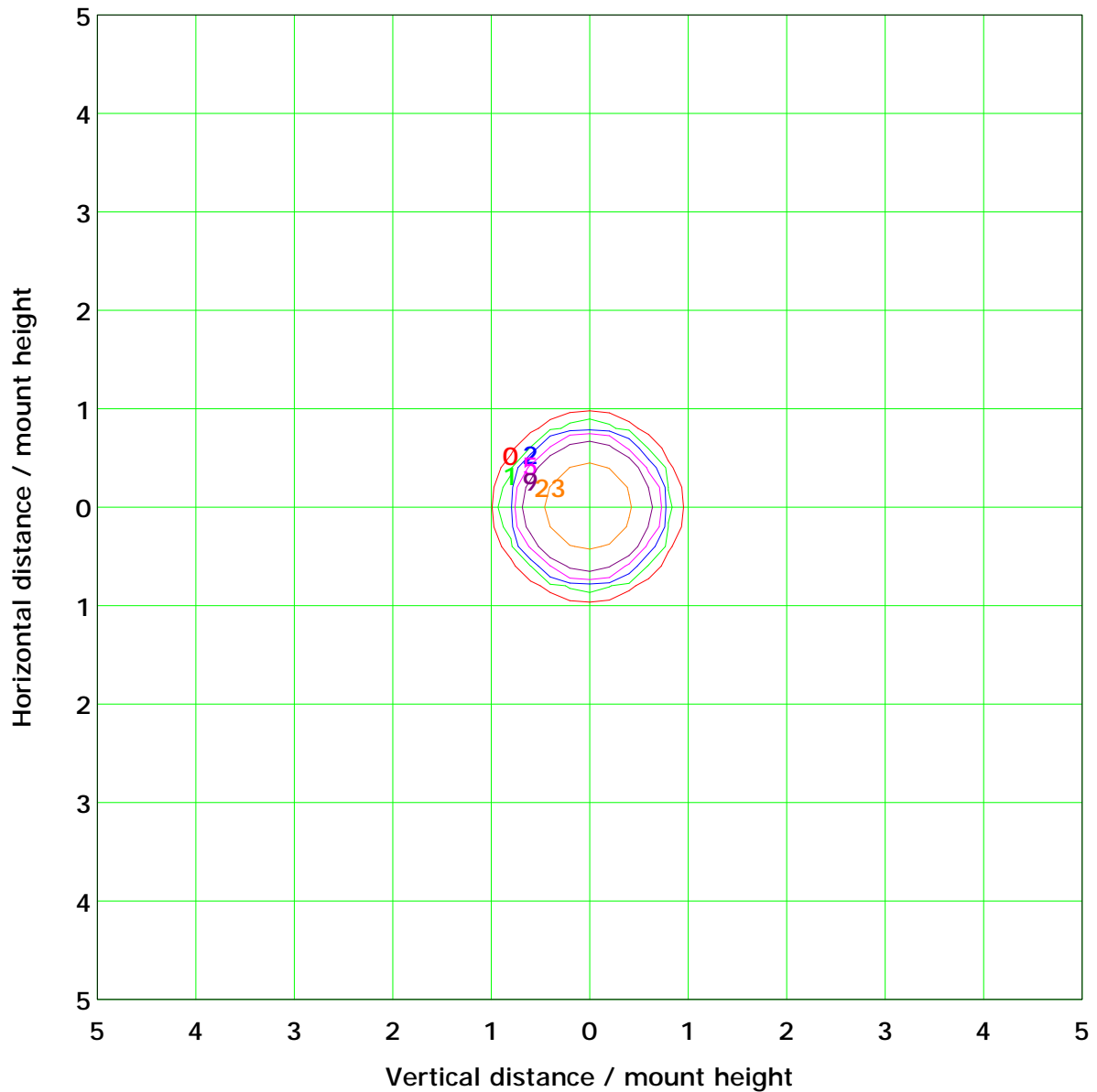
Imax (100%): 4531 cd

(10%): 453 cd	(16%): 725 cd
(25%): 1133 cd	(40%): 1812 cd
(63%): 2855 cd	(100%): 4531 cd

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: 4.200 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 45.3 lx

(1%): 0.5 lx	(2%): 0.9 lx
(5%): 2.3 lx	(10%): 4.5 lx
(20%): 9.1 lx	(50%): 22.6 lx
(100%): 45.3 lx	

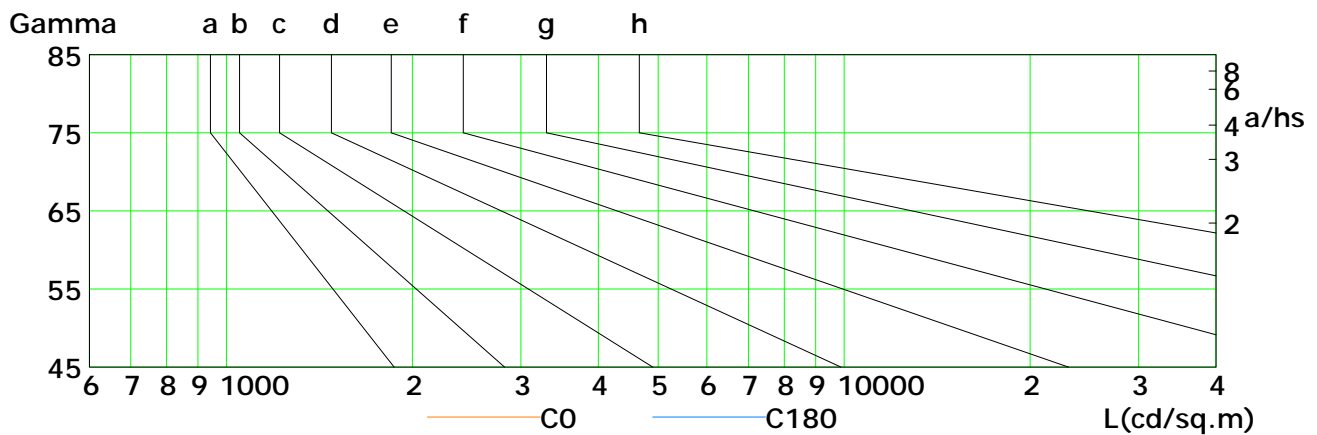
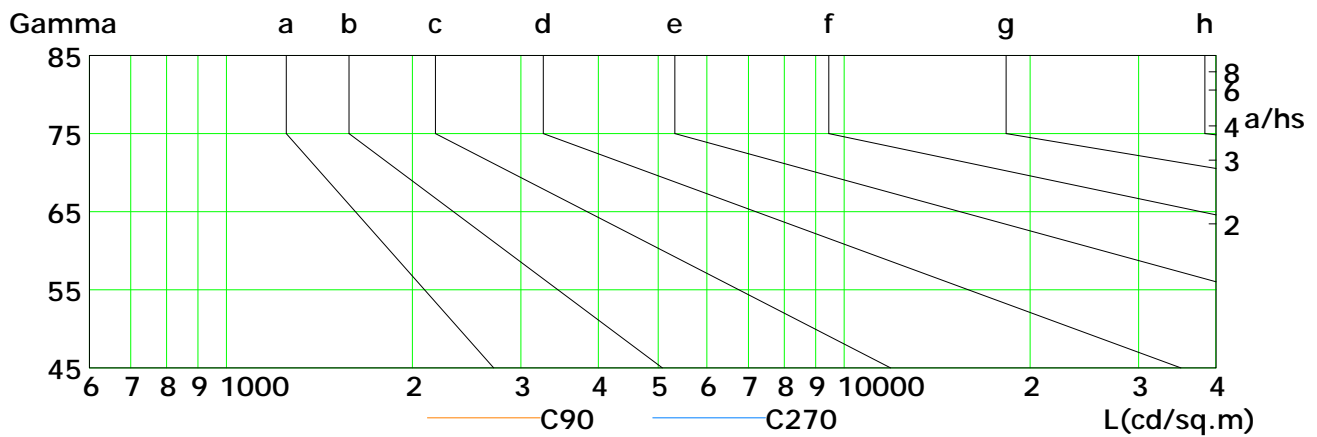
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: CHL-6E
 Distance: 4.200 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

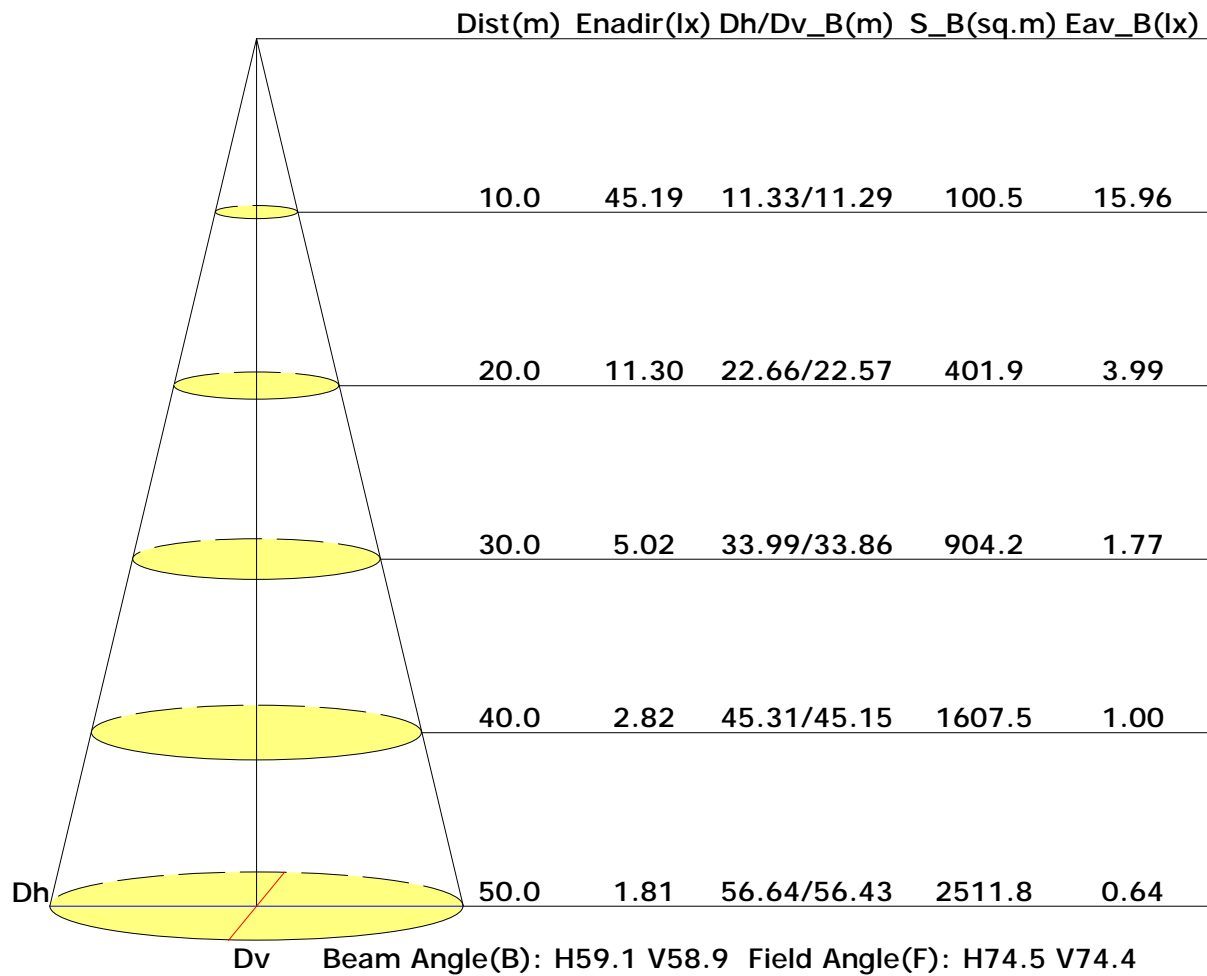


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	102	44	22	15	12	11	8	2	1
C90	83	35	19	13	11	11	7	2	1
C180	76	31	18	13	11	11	5	1	1
C270	91	39	20	13	11	11	7	2	1

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: 4.200 m
Humidity:
Inspector:

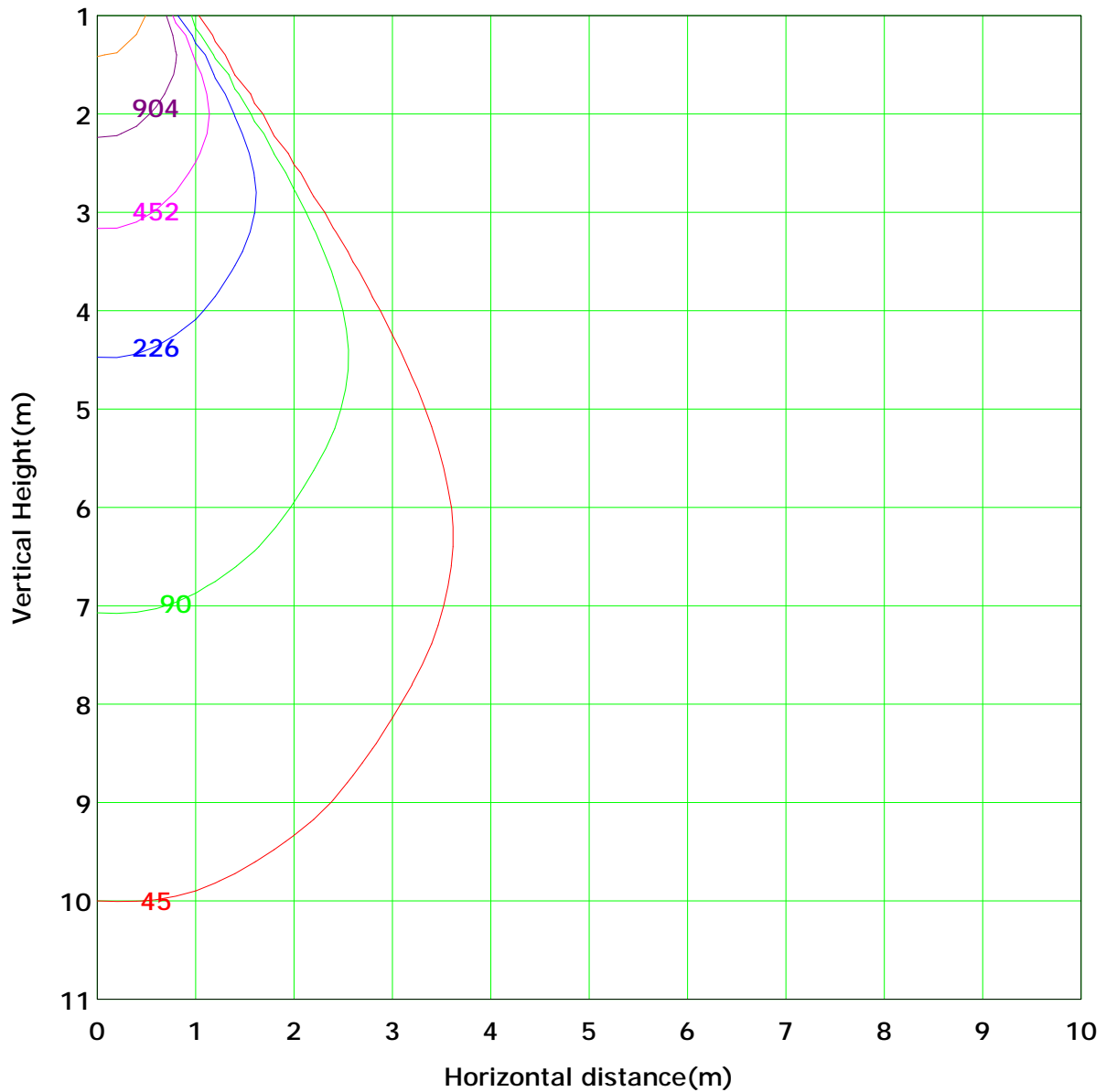
Illuminance at a Distance



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: 4.200 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



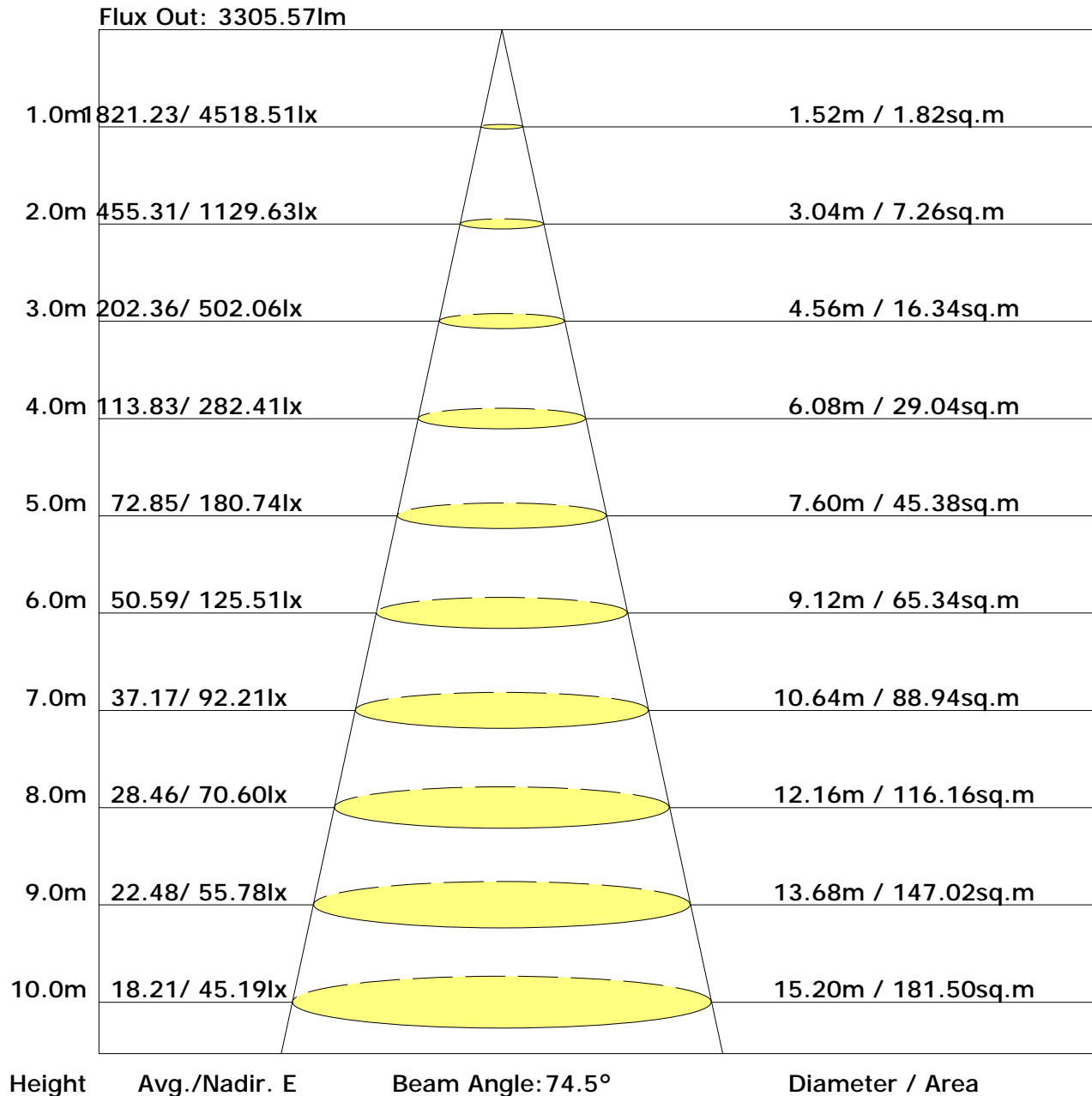
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4518.5 lx

(1%): 45.2 lx	(2%): 90.4 lx
(5%): 225.9 lx	(10%): 451.9 lx
(20%): 903.7 lx	(50%): 2259.3 lx
(100%): 4518.5 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: 4.200 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: 4.200 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	24.4	25.2	24.7	25.4	25.6	18.5	19.3	18.8	19.5	19.7
3H	24.3	25.0	24.6	25.3	25.5	18.4	19.1	18.7	19.4	19.6
4H	24.2	24.9	24.5	25.2	25.4	18.3	19.0	18.6	19.3	19.5
6H	24.1	24.8	24.5	25.1	25.4	18.2	18.9	18.6	19.2	19.4
8H	24.1	24.7	24.5	25.0	25.3	18.2	18.8	18.5	19.1	19.4
12H	24.1	24.7	24.4	25.0	25.3	18.2	18.7	18.5	19.1	19.4
X=4H Y=2H	24.2	24.9	24.5	25.2	25.4	18.3	19.0	18.6	19.3	19.5
3H	24.1	24.6	24.4	25.0	25.3	18.2	18.7	18.5	19.1	19.4
4H	24.0	24.5	24.4	24.9	25.2	18.1	18.6	18.5	18.9	19.3
6H	23.9	24.4	24.3	24.7	25.1	18.0	18.5	18.4	18.8	19.2
8H	23.9	24.3	24.3	24.7	25.1	18.0	18.4	18.4	18.8	19.2
12H	23.8	24.2	24.3	24.6	25.0	17.9	18.3	18.4	18.7	19.1
X=8H Y=4H	23.9	24.3	24.3	24.7	25.1	18.0	18.4	18.4	18.8	19.2
6H	23.8	24.1	24.2	24.5	25.0	17.9	18.2	18.3	18.6	19.1
8H	23.7	24.0	24.2	24.5	25.0	17.8	18.1	18.3	18.6	19.0
12H	23.7	23.9	24.2	24.4	24.9	17.8	18.0	18.3	18.5	19.0
X=12H Y=4H	23.8	24.2	24.3	24.6	25.0	17.9	18.3	18.4	18.7	19.1
6H	23.7	24.0	24.2	24.5	25.0	17.8	18.1	18.3	18.6	19.0
8H	23.7	23.9	24.2	24.4	24.9	17.8	18.0	18.3	18.5	19.0
Variations with the observer position at spacings:										
S=1.0H	+6.8/-16.1					+6.3/-15.2				
S=1.5H	+9.6/-17.5					+9.1/-16.5				
S=2.0H	+11.6/-18.9					+11.1/-17.1				

Calculate in accordance with CIE Pub.117. The table is revised with 3629lm ($8\log(F/F_0) = 4.5$).

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: 4.200 m
Humidity:
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75								
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	0.81	0.88	0.92	0.95	0.98	1.01	1.03	1.05	1.06
	0.30		0.77	0.83	0.88	0.91	0.95	0.98	1.00	1.03	1.04
	0.20		0.73	0.80	0.85	0.88	0.93	0.96	0.98	1.01	1.03
0.50	0.50	0.20	0.80	0.86	0.90	0.92	0.96	0.98	0.99	1.01	1.02
	0.30		0.76	0.82	0.86	0.89	0.93	0.96	0.97	1.00	1.01
	0.20		0.73	0.80	0.84	0.87	0.91	0.94	0.96	0.98	1.00
0.30	0.50	0.20	0.79	0.84	0.88	0.90	0.93	0.95	0.96	0.98	0.99
	0.30		0.75	0.81	0.85	0.88	0.91	0.93	0.95	0.97	0.98
	0.20		0.73	0.79	0.83	0.86	0.89	0.92	0.93	0.95	0.97
0.00	0.00	0.00	0.71	0.77	0.81	0.83	0.86	0.88	0.90	0.91	0.92
<p>Rating:0W 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 = 0.75								
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	0.56	0.45	0.37	0.32	0.25	0.21	0.18	0.13	0.11
	0.30		0.47	0.38	0.32	0.28	0.23	0.19	0.16	0.13	0.10
	0.20		0.40	0.33	0.29	0.25	0.21	0.17	0.15	0.12	0.10
0.50	0.50	0.20	0.53	0.42	0.35	0.30	0.23	0.23	0.16	0.12	0.10
	0.30		0.45	0.37	0.31	0.27	0.21	0.18	0.15	0.12	0.10
	0.20		0.39	0.32	0.28	0.24	0.20	0.16	0.14	0.11	0.09
0.30	0.50	0.20	0.51	0.40	0.33	0.28	0.22	0.17	0.15	0.11	0.09
	0.30		0.44	0.35	0.29	0.25	0.20	0.16	0.14	0.11	0.09
	0.20		0.38	0.31	0.27	0.23	0.18	0.15	0.13	0.10	0.08
0.00	0.00	0.00	0.25	0.19	0.16	0.13	0.10	0.08	0.07	0.05	0.04
<p>Rating:0W 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>											

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: 4.200 m
Humidity:
Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
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	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20
	0.30		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.17
0.50	0.50	0.20	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19
	0.30		0.08	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.18
	0.30		0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.17
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
<p>Rating:0W 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	4510.2	4.3	4.3	0.12	0.12
1.0-2.0	4501.8	12.9	17.2	0.36	0.48
2.0-3.0	4487.5	21.5	38.7	0.59	1.07
3.0-4.0	4464.8	29.9	68.6	0.82	1.89
4.0-5.0	4433.0	38.1	106.7	1.05	2.94
5.0-6.0	4392.7	46.2	152.9	1.27	4.21
6.0-7.0	4343.7	53.9	206.8	1.49	5.70
7.0-8.0	4288.1	61.4	268.2	1.69	7.39
8.0-9.0	4228.6	68.5	336.7	1.89	9.28
9.0-10.0	4166.3	75.4	412.2	2.08	11.36
10.0-11.0	4101.8	82.0	494.1	2.26	13.62
11.0-12.0	4035.2	88.2	582.3	2.43	16.05
12.0-13.0	3964.7	94.1	676.4	2.59	18.64
13.0-14.0	3886.5	99.5	775.9	2.74	21.38
14.0-15.0	3800.6	104.4	880.3	2.88	24.26
15.0-16.0	3709.9	108.7	989.0	3.00	27.25
16.0-17.0	3617.9	112.7	1101.7	3.11	30.36
17.0-18.0	3526.6	116.3	1218.0	3.20	33.56
18.0-19.0	3434.5	119.5	1337.5	3.29	36.86
19.0-20.0	3340.5	122.3	1459.8	3.37	40.23
20.0-21.0	3247.7	124.7	1584.5	3.44	43.66
21.0-22.0	3157.5	126.9	1711.4	3.50	47.16
22.0-23.0	3065.6	128.6	1840.0	3.55	50.70
23.0-24.0	2970.4	129.9	1969.9	3.58	54.28
24.0-25.0	2870.0	130.5	2100.5	3.60	57.88
25.0-26.0	2763.0	130.4	2230.9	3.59	61.47
26.0-27.0	2649.9	129.7	2360.6	3.57	65.05
27.0-28.0	2530.4	128.1	2488.7	3.53	68.58
28.0-29.0	2398.9	125.5	2614.2	3.46	72.04
29.0-30.0	2244.1	121.2	2735.4	3.34	75.38
30.0-31.0	2062.3	114.8	2850.2	3.16	78.54
31.0-32.0	1857.9	106.5	2956.6	2.93	81.47
32.0-33.0	1629.3	96.0	3052.6	2.65	84.12
33.0-34.0	1374.1	83.2	3135.8	2.29	86.41
34.0-35.0	1104.2	68.6	3204.4	1.89	88.30
35.0-36.0	842.1	53.6	3258.0	1.48	89.78

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: 4.200 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	609.2	39.7	3297.7	1.10	90.87
37.0-38.0	425.9	28.4	3326.2	0.78	91.66
38.0-39.0	302.6	20.7	3346.8	0.57	92.22
39.0-40.0	229.3	16.0	3362.8	0.44	92.67
40.0-41.0	184.1	13.1	3375.9	0.36	93.03
41.0-42.0	151.8	11.0	3387.0	0.30	93.33
42.0-43.0	127.4	9.4	3396.4	0.26	93.59
43.0-44.0	108.9	8.2	3404.6	0.23	93.82
44.0-45.0	94.3	7.2	3411.9	0.20	94.02
45.0-46.0	81.4	6.4	3418.2	0.18	94.19
46.0-47.0	69.7	5.5	3423.8	0.15	94.34
47.0-48.0	59.1	4.8	3428.5	0.13	94.48
48.0-49.0	49.4	4.1	3432.6	0.11	94.59
49.0-50.0	41.1	3.4	3436.0	0.09	94.68
50.0-51.0	34.6	2.9	3438.9	0.08	94.76
51.0-52.0	29.8	2.6	3441.5	0.07	94.83
52.0-53.0	26.3	2.3	3443.8	0.06	94.90
53.0-54.0	23.5	2.1	3445.9	0.06	94.95
54.0-55.0	21.0	1.9	3447.7	0.05	95.00
55.0-56.0	19.0	1.7	3449.4	0.05	95.05
56.0-57.0	17.4	1.6	3451.0	0.04	95.10
57.0-58.0	16.1	1.5	3452.5	0.04	95.14
58.0-59.0	15.2	1.4	3454.0	0.04	95.18
59.0-60.0	14.2	1.3	3455.3	0.04	95.21
60.0-61.0	13.1	1.3	3456.5	0.03	95.25
61.0-62.0	12.5	1.2	3457.7	0.03	95.28
62.0-63.0	12.2	1.2	3458.9	0.03	95.31
63.0-64.0	11.7	1.1	3460.1	0.03	95.35
64.0-65.0	11.3	1.1	3461.2	0.03	95.38
65.0-66.0	11.1	1.1	3462.3	0.03	95.41
66.0-67.0	10.9	1.1	3463.4	0.03	95.44
67.0-68.0	10.9	1.1	3464.5	0.03	95.47
68.0-69.0	11.0	1.1	3465.6	0.03	95.50
69.0-70.0	10.9	1.1	3466.7	0.03	95.53
70.0-71.0	10.8	1.1	3467.8	0.03	95.56
71.0-72.0	10.3	1.1	3468.9	0.03	95.59

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: 4.200 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: 4.200 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	4518.5	4516.4	4511.2	4506.4	4518.5	4516.4	4511.2	4506.4	4518.5	
G1.0	4527.4	4516.4	4499.6	4489.1	4496.5	4506.4	4511.7	4511.7	4527.4	
G2.0	4531.1	4508.5	4480.2	4465.0	4470.8	4493.9	4507.0	4513.8	4531.1	
G3.0	4529.5	4498.6	4455.5	4434.0	4439.8	4469.2	4496.5	4506.4	4529.5	
G4.0	4519.6	4474.4	4421.5	4392.6	4397.8	4439.8	4475.5	4486.0	4519.6	
G5.0	4497.0	4441.4	4377.9	4342.7	4351.1	4402.0	4446.1	4462.4	4497.0	
G6.0	4465.5	4397.3	4323.3	4288.2	4296.6	4354.3	4409.9	4426.7	4465.5	
G7.0	4420.9	4344.3	4260.4	4224.7	4233.6	4302.9	4365.3	4384.7	4420.9	
G8.0	4372.1	4284.5	4193.2	4158.6	4168.0	4243.1	4316.0	4338.0	4372.1	
G9.0	4316.0	4221.5	4127.6	4088.3	4102.4	4184.8	4261.4	4281.9	4316.0	
G10.0	4255.1	4157.5	4061.5	4019.0	4036.3	4119.2	4203.7	4223.6	4255.1	
G11.0	4190.6	4091.9	3990.2	3949.8	3969.2	4054.7	4143.4	4162.3	4190.6	
G12.0	4124.5	4025.3	3919.9	3878.9	3893.6	3987.0	4083.0	4099.3	4124.5	
G13.0	4058.4	3955.5	3840.1	3800.8	3809.7	3910.9	4015.9	4032.1	4058.4	
G14.0	3980.7	3874.2	3752.5	3708.4	3723.1	3828.0	3940.3	3954.0	3980.7	
G15.0	3897.8	3780.8	3660.1	3616.1	3633.4	3736.7	3851.6	3871.1	3897.8	
G16.0	3803.9	3686.4	3565.7	3522.7	3541.6	3648.6	3762.4	3779.8	3803.9	
G17.0	3706.8	3593.0	3472.8	3433.5	3456.6	3556.3	3670.6	3686.4	3706.8	
G18.0	3614.0	3502.7	3384.7	3347.4	3363.7	3465.0	3578.3	3593.5	3614.0	
G19.0	3519.5	3412.5	3290.2	3252.5	3270.3	3368.4	3484.4	3504.3	3519.5	
G20.0	3423.0	3309.7	3201.1	3165.4	3183.7	3276.1	3382.6	3404.1	3423.0	
G21.0	3326.4	3222.6	3112.9	3079.9	3095.1	3180.6	3289.2	3311.8	3326.4	
G22.0	3242.5	3133.9	3024.8	2995.9	3003.3	3085.1	3195.3	3220.5	3242.5	
G23.0	3147.5	3045.7	2934.0	2903.6	2908.8	2985.4	3098.2	3125.5	3147.5	
G24.0	3057.8	2949.2	2844.3	2810.7	2814.4	2887.8	2991.7	3021.6	3057.8	
G25.0	2961.3	2852.1	2741.4	2713.1	2702.6	2775.5	2880.5	2916.7	2961.3	
G26.0	2854.8	2748.8	2635.4	2602.9	2591.4	2663.8	2762.9	2804.4	2854.8	
G27.0	2741.4	2631.8	2523.2	2489.6	2475.4	2545.7	2642.3	2685.3	2741.4	
G28.0	2627.6	2514.3	2406.7	2364.7	2334.8	2421.4	2518.4	2564.6	2627.6	
G29.0	2505.9	2387.8	2260.3	2208.4	2163.2	2276.6	2389.9	2437.6	2505.9	
G30.0	2373.1	2234.1	2077.7	2021.1	1957.6	2090.3	2232.5	2289.2	2373.1	
G31.0	2208.4	2044.1	1877.3	1810.7	1740.9	1888.8	2046.8	2103.9	2208.4	
G32.0	2010.6	1833.7	1669.0	1594.5	1486.4	1670.0	1842.1	1898.8	2010.6	
G33.0	1801.7	1614.4	1419.3	1328.0	1213.6	1398.3	1604.5	1683.2	1801.7	
G34.0	1570.9	1352.1	1139.6	1056.2	943.9	1121.8	1326.4	1411.9	1570.9	
G35.0	1287.0	1074.5	870.4	797.0	682.1	853.1	1048.8	1132.3	1287.0	
G36.0	1013.2	808.5	627.5	562.5	465.9	608.6	780.2	861.5	1013.2	

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: 4.200 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	757.1	567.2	427.1	380.9	323.2	407.7	542.0	614.4	757.1	
G38.0	523.1	373.6	297.5	281.2	254.5	293.8	362.5	408.2	523.1	
G39.0	342.1	264.4	232.4	222.5	202.5	233.0	268.1	282.3	342.1	
G40.0	252.9	209.9	186.3	178.9	165.8	187.3	215.6	224.0	252.9	
G41.0	202.5	168.9	154.8	148.5	138.5	156.4	175.2	180.5	202.5	
G42.0	165.8	142.7	127.5	123.8	117.5	129.6	145.3	151.1	165.8	
G43.0	138.0	120.2	109.7	106.0	101.8	112.3	121.7	125.4	138.0	
G44.0	117.5	104.4	95.0	92.3	88.2	96.5	104.9	108.1	117.5	
G45.0	101.8	91.8	83.4	80.3	76.1	83.9	90.8	93.4	101.8	
G46.0	88.2	78.7	70.3	68.2	65.1	71.9	77.7	80.3	88.2	
G47.0	76.1	67.7	59.8	58.8	54.6	60.9	67.2	69.3	76.1	
G48.0	64.0	56.7	50.4	47.8	45.7	51.4	56.1	58.8	64.0	
G49.0	54.0	46.2	42.0	40.4	38.3	42.0	47.2	48.8	54.0	
G50.0	44.1	38.3	35.2	34.1	31.5	35.2	39.3	40.4	44.1	
G51.0	37.8	32.5	29.9	28.9	28.3	31.0	33.0	33.6	37.8	
G52.0	32.0	28.3	26.2	25.7	24.7	26.2	29.4	29.4	32.0	
G53.0	28.3	25.2	24.1	23.1	22.0	24.1	25.2	26.2	28.3	
G54.0	25.2	22.6	21.5	20.5	20.5	21.5	23.1	22.6	25.2	
G55.0	21.5	20.5	19.4	18.9	17.8	19.4	20.5	21.0	21.5	
G56.0	20.5	18.4	17.8	17.3	16.8	17.8	18.4	18.4	20.5	
G57.0	18.4	16.8	16.8	16.3	15.7	16.3	16.8	16.8	18.4	
G58.0	16.8	16.3	15.2	15.2	14.2	15.2	15.2	16.3	16.8	
G59.0	16.3	15.7	14.7	14.7	13.6	13.1	14.7	15.2	16.3	
G60.0	15.2	14.7	13.1	13.6	12.6	12.6	13.1	13.6	15.2	
G61.0	13.1	13.1	12.6	13.1	11.5	12.6	12.6	12.6	13.1	
G62.0	12.6	12.6	12.6	12.6	12.1	12.1	12.1	12.1	12.6	
G63.0	12.6	12.6	12.1	12.1	12.1	12.1	11.0	12.1	12.6	
G64.0	12.1	11.5	12.1	11.5	10.5	11.0	11.0	11.0	12.1	
G65.0	11.5	12.1	11.0	12.1	11.0	10.0	11.0	11.0	11.5	
G66.0	11.0	11.0	11.0	11.5	11.0	10.5	10.5	11.0	11.0	
G67.0	11.0	11.0	11.0	11.0	11.0	11.0	10.0	10.0	11.0	
G68.0	11.0	12.1	12.1	11.0	10.0	11.0	10.0	10.5	11.0	
G69.0	11.0	12.1	10.5	11.0	11.0	10.0	11.0	11.0	11.0	
G70.0	11.0	11.0	11.0	11.0	11.0	10.0	11.0	11.0	11.0	
G71.0	11.0	10.5	11.0	11.0	10.5	10.0	11.0	10.0	11.0	
G72.0	10.5	11.0	10.0	10.0	8.9	8.9	10.0	11.0	10.5	
G73.0	10.0	8.9	8.9	8.4	7.3	8.4	8.9	9.4	10.0	

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: 4.200 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: 4.200 m

Humidity:

Inspector: