

Report No.: LE-06TR HUGO 35W 4000K 15D

Test Time: 2019-01-27 02:26

Luminaire Property

Luminaire Category:

Lamp Description: CXM-14 CCT4000 RA90

Number of Lamps: 1

Lumens per Lamp: 3629

Width (mm): 102

Height (mm): 225

Voltage: 2.3 V

Current: 0.000 A

Power: 0.00 W

Power Factor: 0.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 3629.0 lm

Measurement Flux: 3208 lm

Efficiency: 88.40%

Downward Ratio: 88.40%

Upward Ratio: 0.00%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 36.0, 35.9, 36.1, 35.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 17.1, 17.0, 17.1, 17.0

Luminaire Efficacy Rating (LER): 3208.04

Central Intensity: 19461.82 cd

Max. Intensity: 19800.17 cd

Pos of Max. Intensity: H0 V1

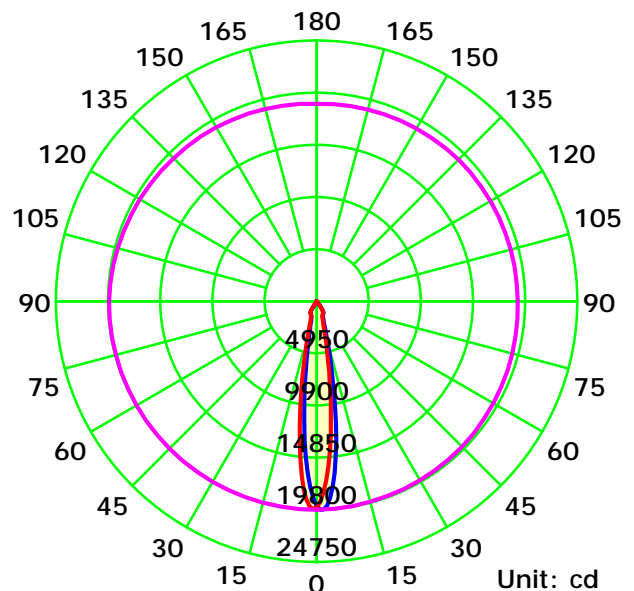
S/MH(C0/C180): 0.30

S/MH(C90/C270): 0.29

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 45.0

Gamma Plane (°):0.0-90.0: 1.0

Test Lab:

Test Device: CHL-6E

Test Type: TYPE C

Distance: 4.200 m

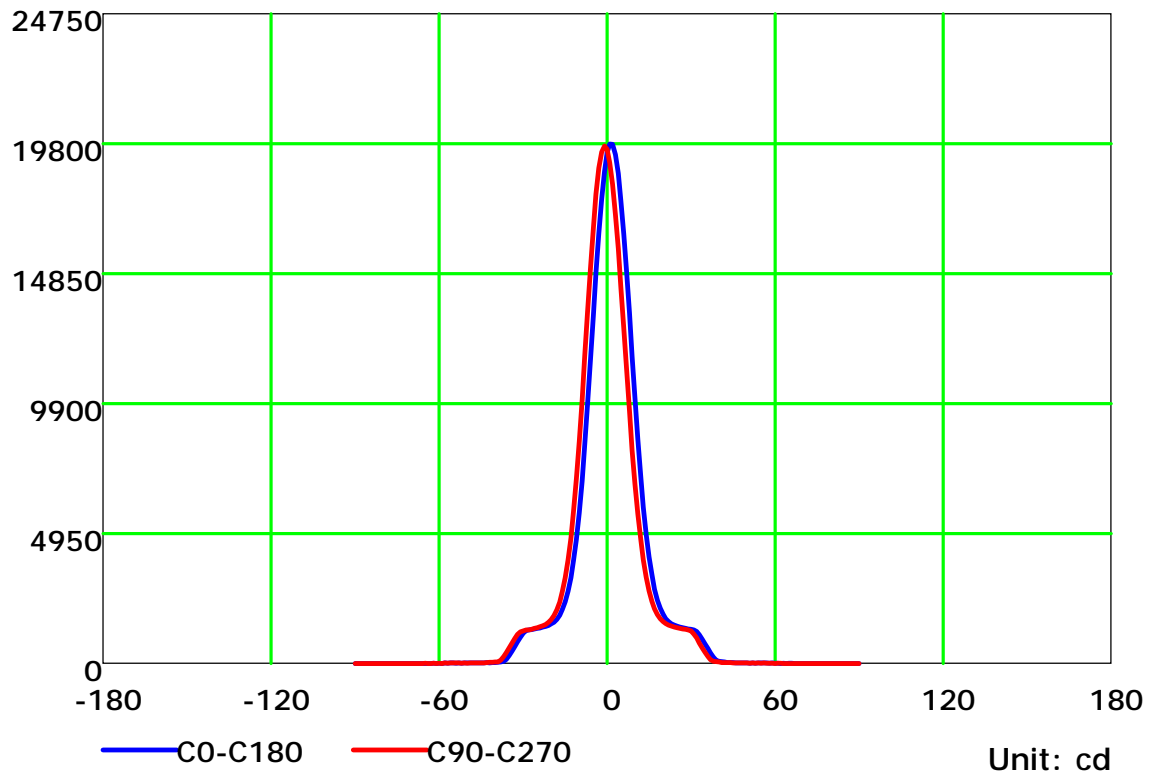
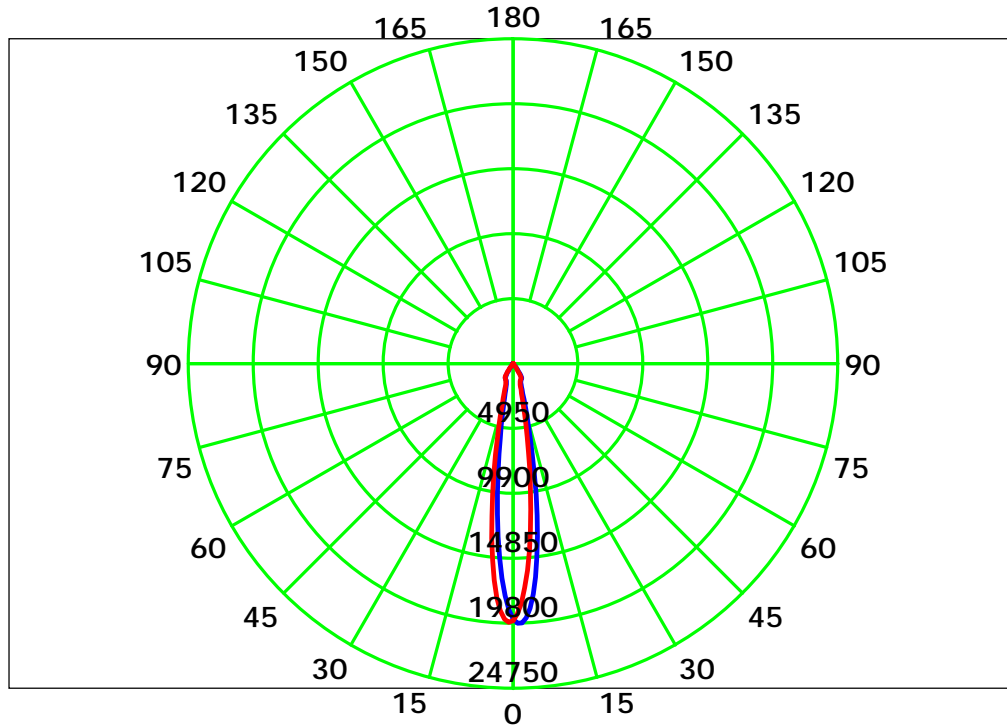
Temperature:

Humidity:

Operator:

Inspector:

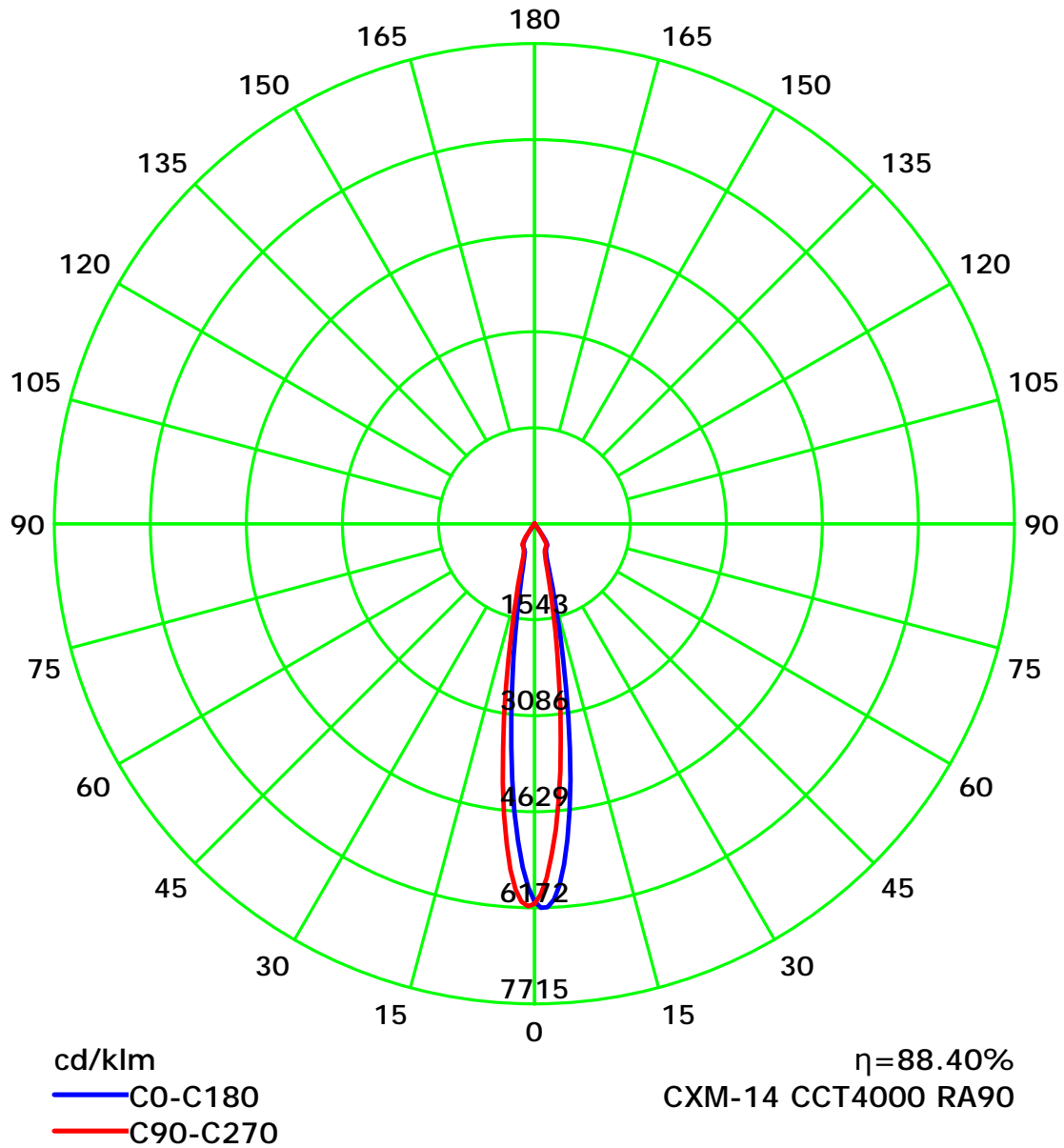
Luminous Intensity Distribution Curve



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:

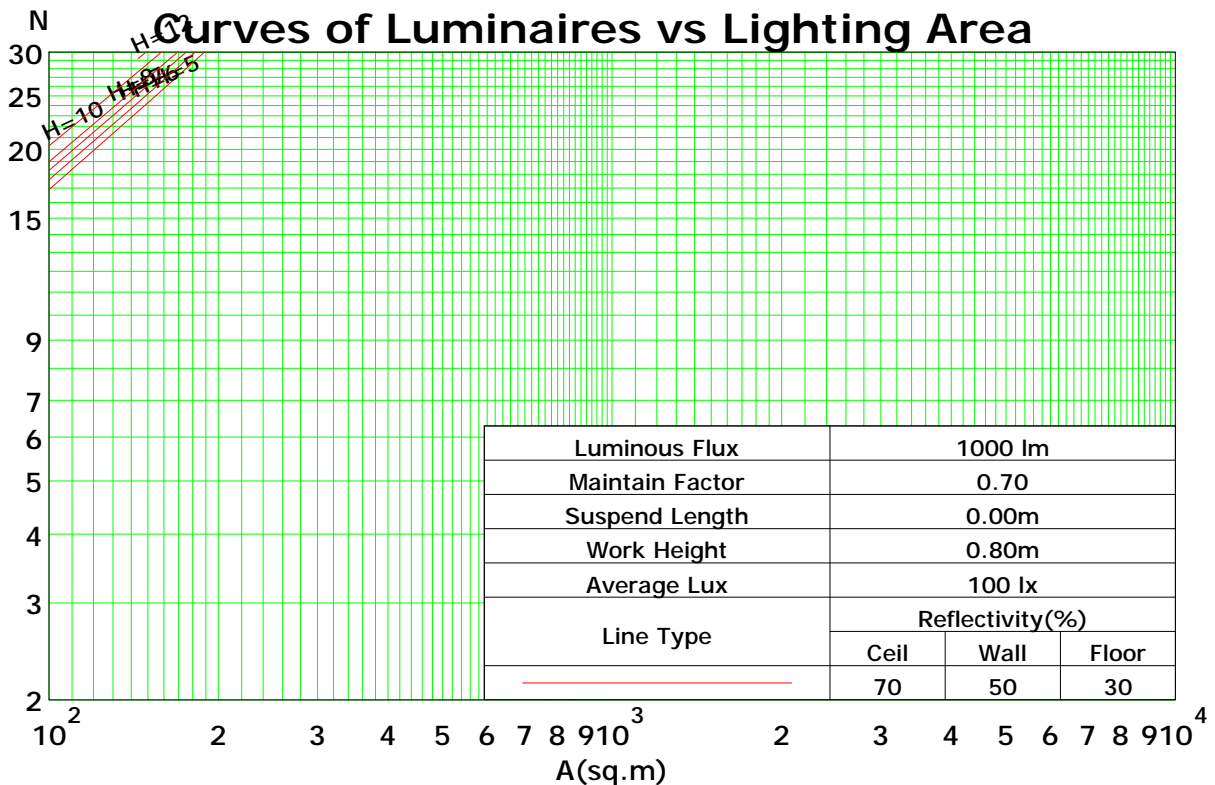
Coefficients Of Utilization - Zonal Cavity Method

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	105	105	105	105	103	103	103	103	98	98	98	94	94	94	90	90	90	88
1	101	99	98	96	99	98	96	95	94	93	92	91	90	89	88	87	86	85
2	98	94	92	89	96	93	90	88	90	88	86	88	86	84	85	84	83	81
3	94	90	87	84	93	89	86	83	87	84	82	85	82	81	83	81	79	78
4	91	86	82	79	90	85	82	79	83	80	78	82	79	77	80	78	76	75
5	88	83	79	76	87	82	78	75	80	77	75	79	76	74	78	75	74	73
6	85	79	75	73	84	79	75	72	78	74	72	76	74	71	75	73	71	70
7	83	77	73	70	82	76	72	70	75	72	69	74	71	69	73	71	69	68
8	80	74	70	67	79	74	70	67	73	69	67	72	69	67	71	68	66	66
9	78	72	68	65	77	71	68	65	70	67	65	70	67	65	69	66	64	64
10	76	69	66	63	75	69	65	63	68	65	63	68	65	63	67	65	63	62

Spacing Criteria (0-180): 0.30

Spacing Criteria (90-270): 0.29

Spacing Criteria (Diagonal): 0.30



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

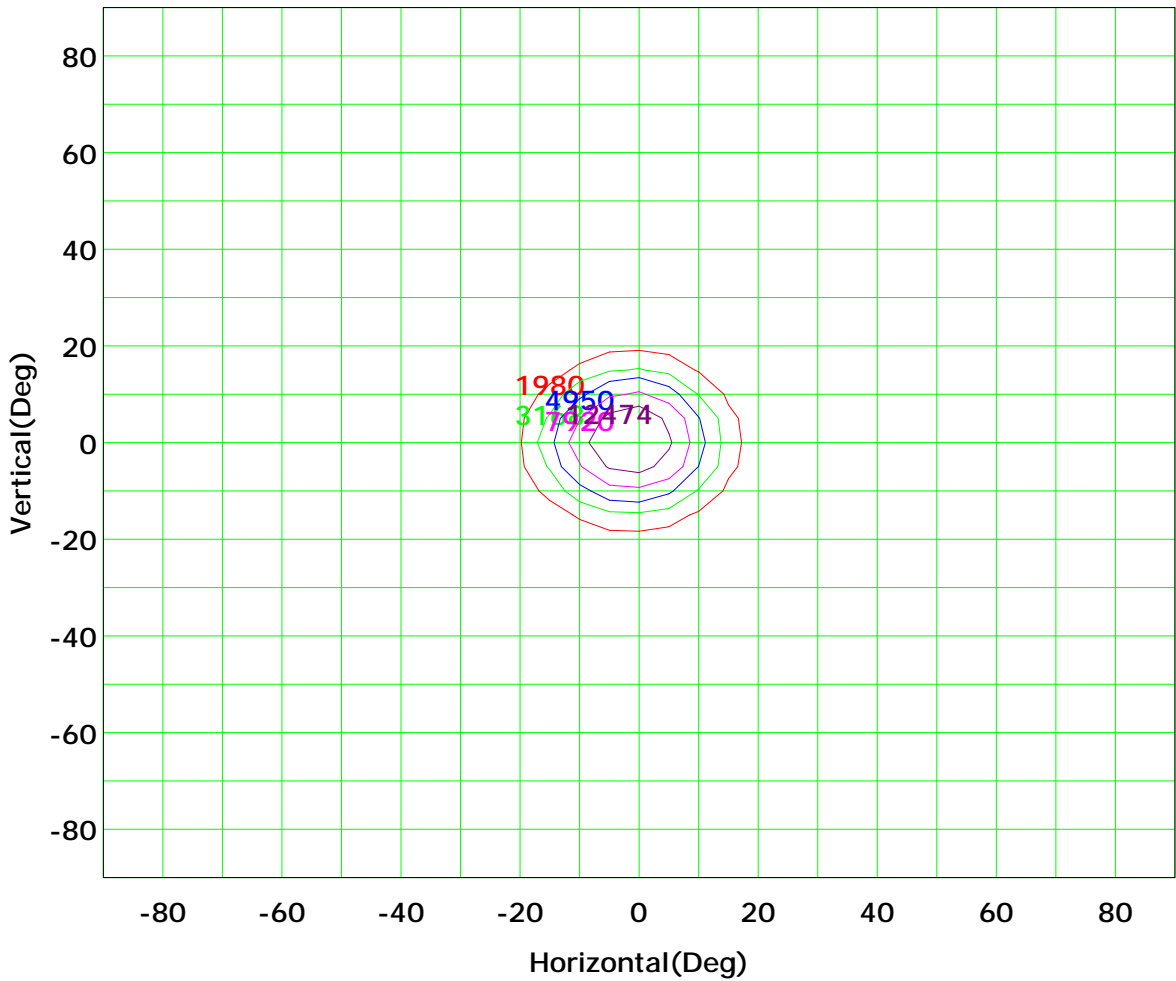
Test Device: CHL-6E

Distance: 4.200 m

Humidity:

Inspector:

Isocandela (rectangle)



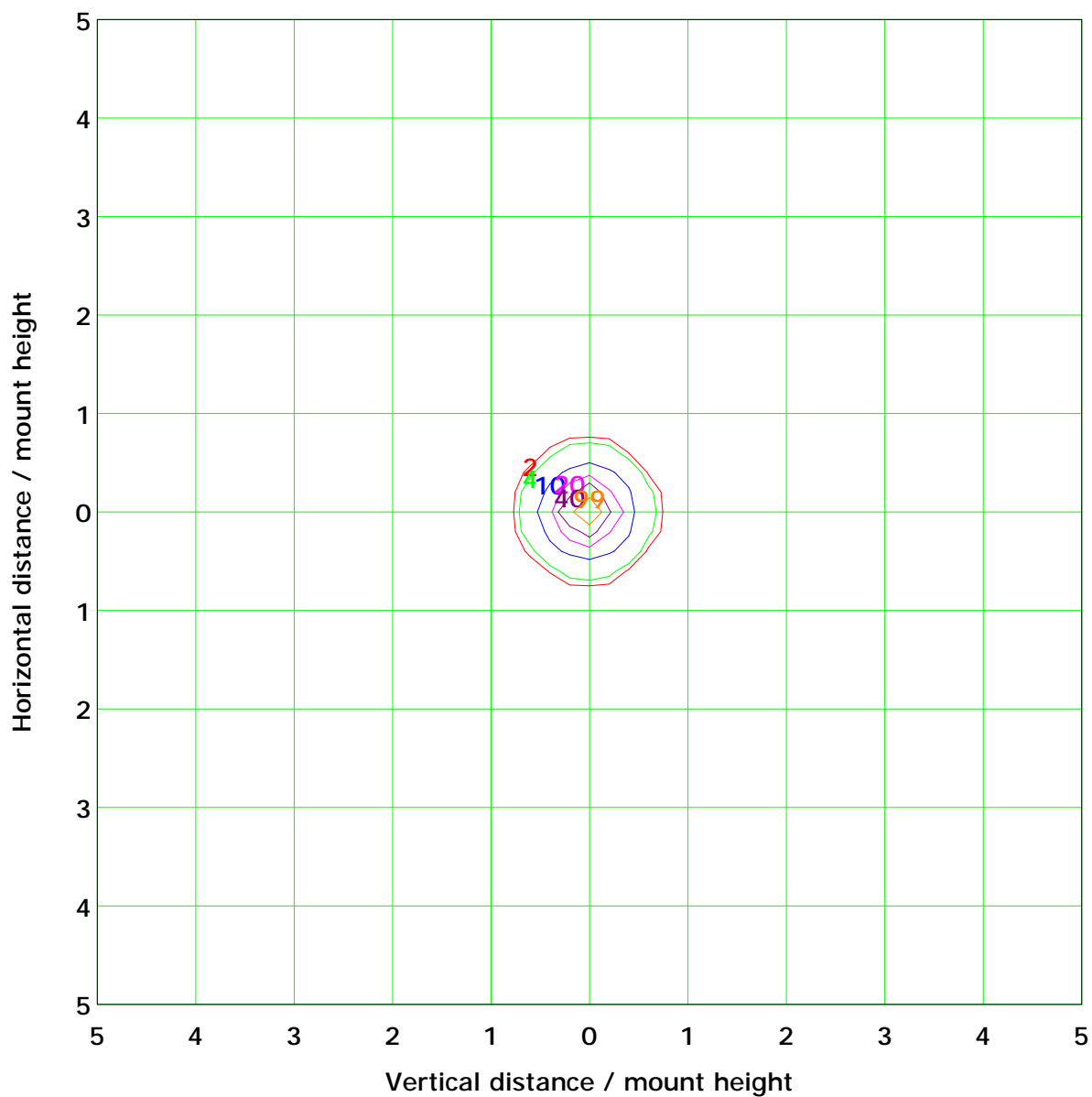
I_{max} (100%): 19800 cd

- | | |
|------------------|------------------|
| (10%): 1980 cd | (16%): 3168 cd |
| (25%): 4950 cd | (40%): 7920 cd |
| (63%): 12474 cd | (100%): 19800 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%): 197.9 lx

(1%): 2.0 lx	(2%): 4.0 lx
(5%): 9.9 lx	(10%): 19.8 lx
(20%): 39.6 lx	(50%): 99.0 lx
(100%): 197.9 lx	

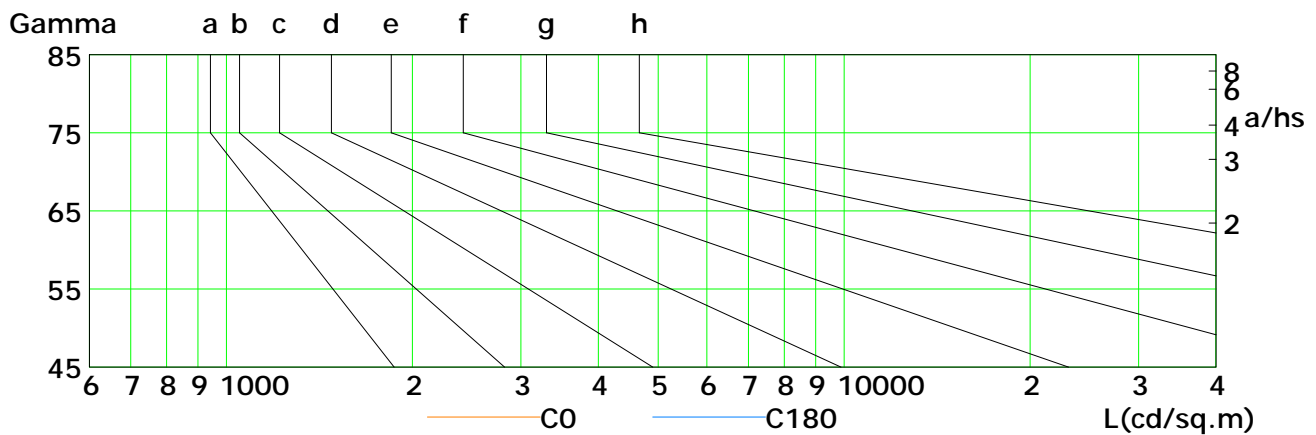
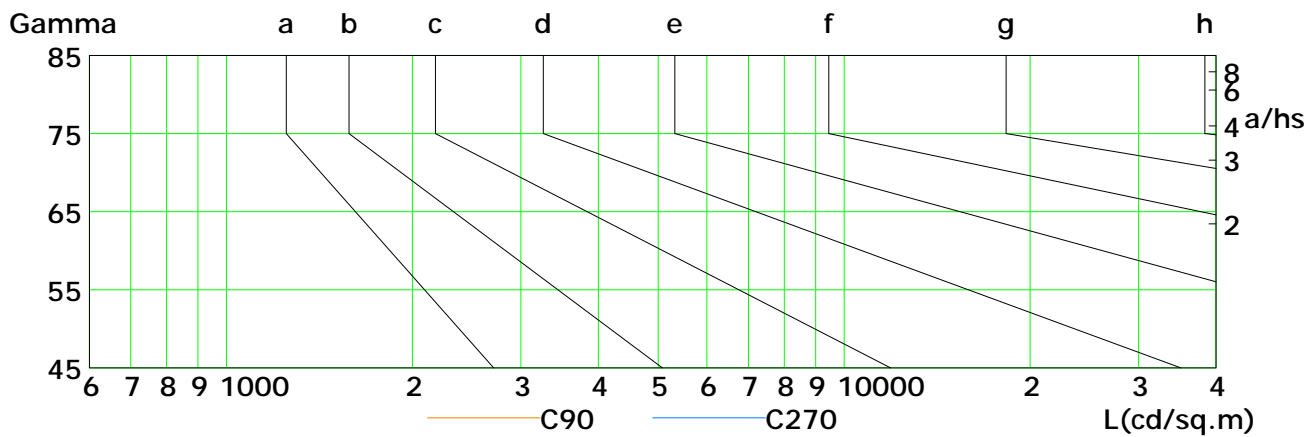
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	42	26	26	21	16	5	5	0	5
C90	31	26	21	10	5	5	5	0	5
C180	31	31	26	16	5	5	5	0	5
C270	31	21	26	16	16	5	5	0	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

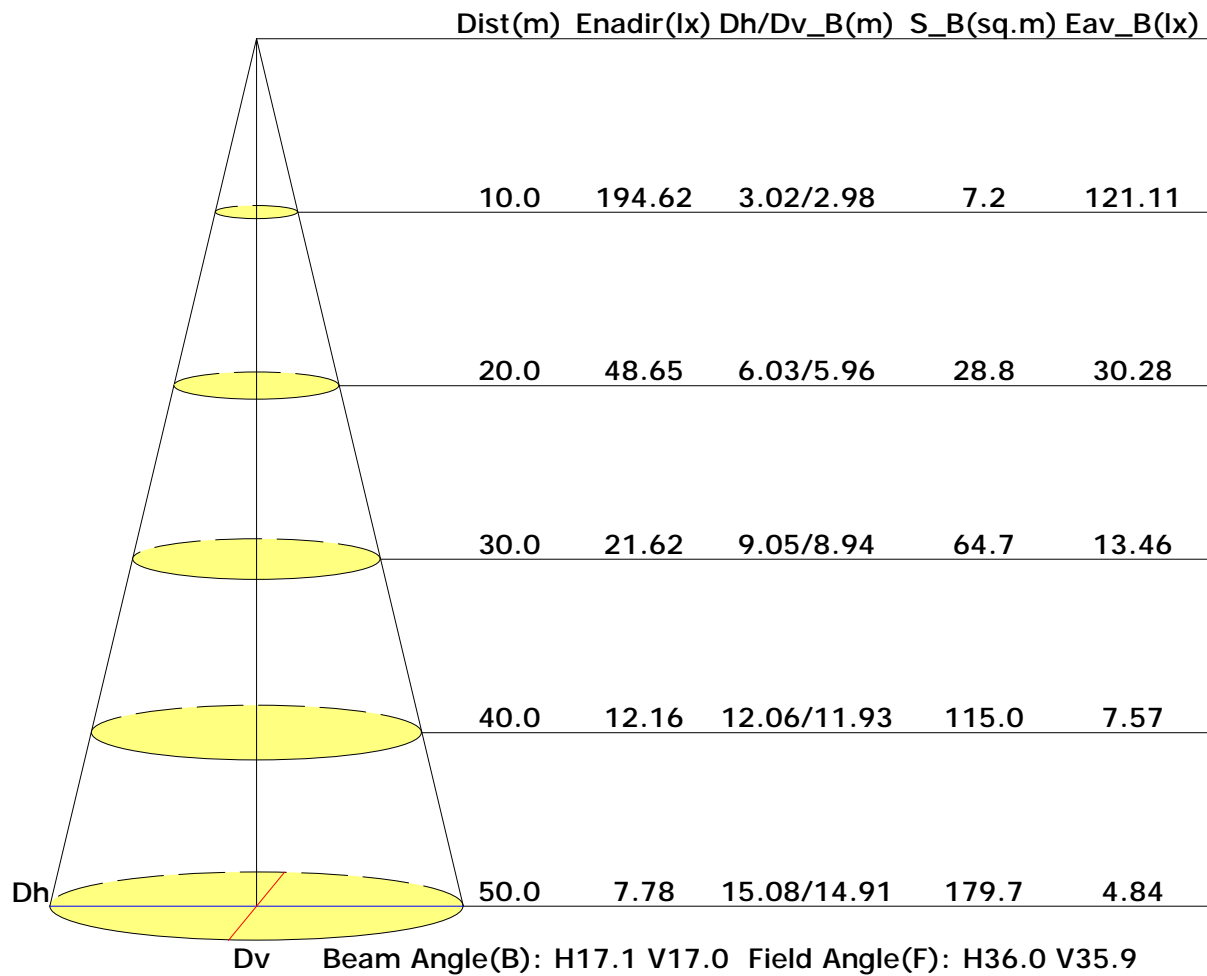
Test Device: CHL-6E

Distance: 4.200 m

Humidity:

Inspector:

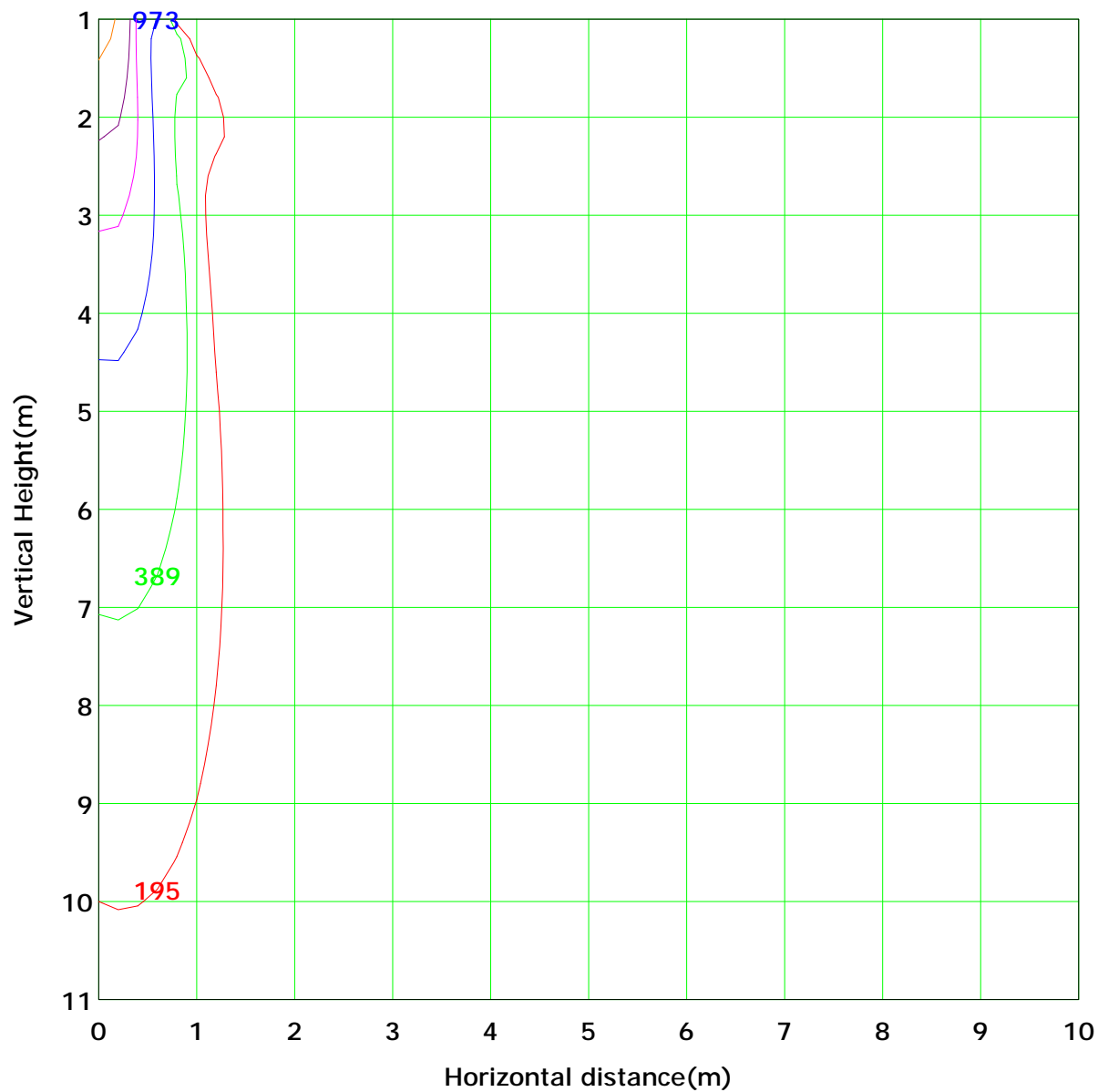
Illuminance at a Distance



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



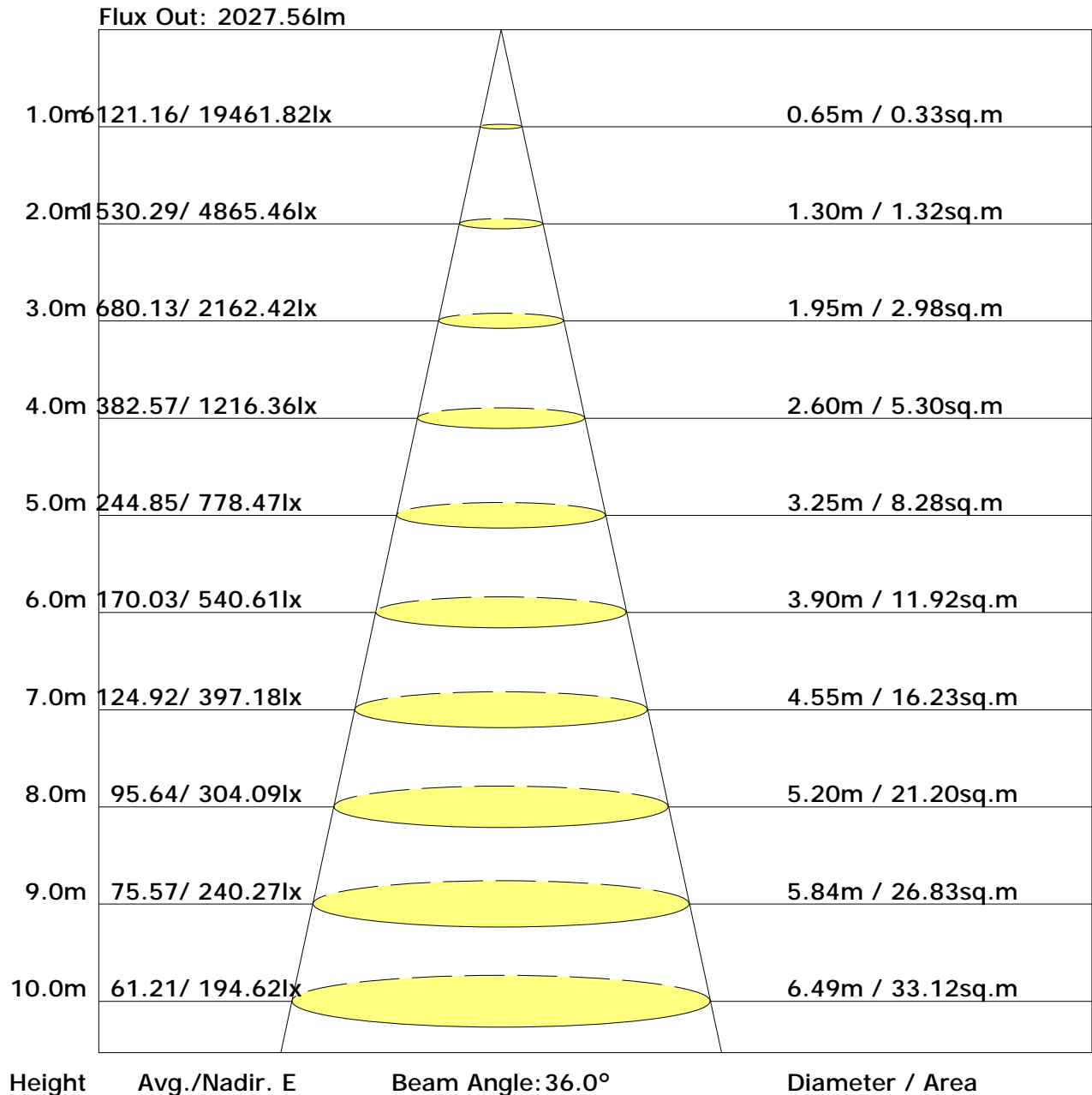
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 19461.8 lx

(1%): 194.6 lx	(2%): 389.2 lx
(5%): 973.1 lx	(10%):1946.2 lx
(20%):3892.4 lx	(50%):9730.9 lx
(100%):19461.8 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	21.2	21.9	21.5	22.1	22.3	15.0	15.7	15.3	15.9	16.1
3H	21.1	21.7	21.4	21.9	22.2	14.9	15.5	15.2	15.7	16.0
4H	21.0	21.6	21.3	21.8	22.1	14.8	15.4	15.1	15.6	15.9
6H	21.0	21.5	21.3	21.8	22.1	14.8	15.3	15.1	15.6	15.8
8H	20.9	21.4	21.3	21.7	22.0	14.7	15.2	15.1	15.5	15.8
12H	20.9	21.4	21.3	21.7	22.0	14.7	15.2	15.0	15.5	15.8
X=4H Y=2H	21.0	21.6	21.3	21.8	22.1	14.8	15.4	15.1	15.6	15.9
3H	20.9	21.4	21.2	21.7	22.0	14.7	15.2	15.0	15.5	15.8
4H	20.8	21.2	21.2	21.6	21.9	14.6	15.0	15.0	15.4	15.7
6H	20.7	21.1	21.1	21.5	21.9	14.5	14.9	14.9	15.3	15.7
8H	20.7	21.0	21.1	21.4	21.8	14.5	14.8	14.9	15.2	15.6
12H	20.7	21.0	21.1	21.4	21.8	14.4	14.7	14.9	15.2	15.6
X=8H Y=4H	20.7	21.0	21.1	21.4	21.8	14.5	14.8	14.9	15.2	15.6
6H	20.6	20.9	21.0	21.3	21.7	14.4	14.7	14.8	15.1	15.5
8H	20.5	20.8	21.0	21.2	21.7	14.3	14.6	14.8	15.0	15.5
12H	20.5	20.7	21.0	21.2	21.7	14.3	14.5	14.8	15.0	15.5
X=12H Y=4H	20.6	20.9	21.1	21.3	21.8	14.4	14.7	14.9	15.2	15.6
6H	20.5	20.8	21.0	21.2	21.7	14.3	14.6	14.8	15.0	15.5
8H	20.5	20.7	21.0	21.2	21.7	14.3	14.5	14.8	15.0	15.5
Variations with the observer position at spacings:										
S=1.0H	+6.9/-13.2					+6.5/-11.9				
S=1.5H	+9.7/-14.9					+9.3/-15.3				
S=2.0H	+11.7/-18.7					+11.3/-17.8				

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

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 = 0.50								
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	0.84	0.89	0.92	0.94	0.97	0.99	1.00	1.02	1.03
	0.30		0.81	0.85	0.89	0.91	0.94	0.96	0.98	1.00	1.02
	0.20		0.78	0.83	0.86	0.89	0.92	0.94	0.96	0.99	1.00
0.50	0.50	0.20	0.83	0.87	0.90	0.92	0.94	0.96	0.97	0.98	0.99
	0.30		0.80	0.84	0.87	0.89	0.92	0.94	0.95	0.97	0.98
	0.20		0.78	0.82	0.85	0.87	0.90	0.92	0.94	0.96	0.97
0.30	0.50	0.20	0.82	0.86	0.88	0.90	0.92	0.93	0.94	0.95	0.96
	0.30		0.79	0.83	0.86	0.88	0.90	0.92	0.93	0.94	0.95
	0.20		0.77	0.81	0.84	0.86	0.89	0.90	0.92	0.93	0.94
0.00	0.00	0.00	0.76	0.80	0.82	0.84	0.86	0.87	0.88	0.89	0.90
<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(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	0.45	0.36	0.31	0.26	0.21	0.17	0.15	0.12	0.09	
	0.30		0.37	0.31	0.27	0.23	0.19	0.16	0.14	0.11	0.09	
	0.20		0.32	0.27	0.24	0.21	0.17	0.15	0.13	0.10	0.09	
0.50	0.50	0.20	0.42	0.34	0.28	0.24	0.19	0.20	0.14	0.10	0.08	
	0.30		0.36	0.29	0.25	0.22	0.18	0.15	0.13	0.10	0.08	
	0.20		0.31	0.26	0.23	0.20	0.16	0.14	0.12	0.09	0.08	
0.30	0.50	0.20	0.40	0.32	0.26	0.23	0.18	0.14	0.12	0.09	0.08	
	0.30		0.34	0.28	0.24	0.21	0.16	0.14	0.12	0.09	0.07	
	0.20		0.30	0.25	0.21	0.19	0.15	0.13	0.11	0.09	0.07	
0.00	0.00	0.00	0.17	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03	
Rating:0W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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 = 0.50								
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	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19
	0.30		0.08	0.10	0.11	0.12	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
0.50	0.50	0.20	0.11	0.12	0.13	0.14	0.16	0.16	0.17	0.18	0.18
	0.30		0.08	0.10	0.11	0.12	0.14	0.15	0.15	0.17	0.17
	0.20		0.06	0.08	0.09	0.10	0.12	0.13	0.14	0.16	0.16
0.30	0.50	0.20	0.10	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.17
	0.30		0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rating:0W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	19458.6	18.6	18.6	0.51	0.51
1.0-2.0	19099.7	54.8	73.4	1.51	2.02
2.0-3.0	18392.2	88.0	161.4	2.42	4.45
3.0-4.0	17379.8	116.4	277.8	3.21	7.65
4.0-5.0	16120.5	138.7	416.5	3.82	11.48
5.0-6.0	14680.0	154.3	570.8	4.25	15.73
6.0-7.0	13128.9	163.0	733.8	4.49	20.22
7.0-8.0	11523.7	164.9	898.7	4.55	24.76
8.0-9.0	9938.8	161.1	1059.8	4.44	29.20
9.0-10.0	8448.5	152.9	1212.7	4.21	33.42
10.0-11.0	7095.5	141.8	1354.5	3.91	37.32
11.0-12.0	5910.1	129.2	1483.7	3.56	40.88
12.0-13.0	4909.0	116.5	1600.2	3.21	44.10
13.0-14.0	4076.9	104.4	1704.6	2.88	46.97
14.0-15.0	3394.7	93.2	1797.8	2.57	49.54
15.0-16.0	2854.0	83.6	1881.4	2.30	51.84
16.0-17.0	2438.9	76.0	1957.4	2.09	53.94
17.0-18.0	2126.3	70.1	2027.5	1.93	55.87
18.0-19.0	1894.7	65.9	2093.4	1.82	57.69
19.0-20.0	1727.4	63.2	2156.7	1.74	59.43
20.0-21.0	1610.3	61.8	2218.5	1.70	61.13
21.0-22.0	1526.7	61.4	2279.9	1.69	62.82
22.0-23.0	1468.2	61.6	2341.5	1.70	64.52
23.0-24.0	1425.9	62.3	2403.8	1.72	66.24
24.0-25.0	1390.4	63.2	2467.1	1.74	67.98
25.0-26.0	1361.1	64.3	2531.3	1.77	69.75
26.0-27.0	1336.7	65.4	2596.7	1.80	71.56
27.0-28.0	1315.3	66.6	2663.3	1.84	73.39
28.0-29.0	1297.0	67.9	2731.2	1.87	75.26
29.0-30.0	1267.1	68.4	2799.6	1.89	77.15
30.0-31.0	1205.6	67.1	2866.7	1.85	79.00
31.0-32.0	1102.5	63.2	2929.9	1.74	80.74
32.0-33.0	958.4	56.5	2986.4	1.56	82.29
33.0-34.0	788.6	47.7	3034.1	1.32	83.61
34.0-35.0	610.0	37.9	3072.0	1.04	84.65
35.0-36.0	437.9	27.9	3099.9	0.77	85.42

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	286.9	18.7	3118.6	0.52	85.94
37.0-38.0	172.1	11.5	3130.1	0.32	86.25
38.0-39.0	103.5	7.1	3137.1	0.19	86.45
39.0-40.0	73.8	5.2	3142.3	0.14	86.59
40.0-41.0	62.1	4.4	3146.7	0.12	86.71
41.0-42.0	52.4	3.8	3150.5	0.10	86.82
42.0-43.0	42.9	3.2	3153.7	0.09	86.90
43.0-44.0	37.7	2.8	3156.6	0.08	86.98
44.0-45.0	35.1	2.7	3159.3	0.07	87.06
45.0-46.0	33.8	2.6	3161.9	0.07	87.13
46.0-47.0	33.5	2.7	3164.6	0.07	87.20
47.0-48.0	32.5	2.6	3167.2	0.07	87.27
48.0-49.0	30.9	2.5	3169.7	0.07	87.34
49.0-50.0	28.3	2.4	3172.1	0.07	87.41
50.0-51.0	25.7	2.2	3174.3	0.06	87.47
51.0-52.0	24.7	2.1	3176.4	0.06	87.53
52.0-53.0	24.4	2.1	3178.5	0.06	87.59
53.0-54.0	24.7	2.2	3180.7	0.06	87.65
54.0-55.0	24.4	2.2	3182.9	0.06	87.71
55.0-56.0	24.4	2.2	3185.1	0.06	87.77
56.0-57.0	23.8	2.2	3187.2	0.06	87.83
57.0-58.0	22.8	2.1	3189.4	0.06	87.89
58.0-59.0	20.8	1.9	3191.3	0.05	87.94
59.0-60.0	17.2	1.6	3192.9	0.04	87.98
60.0-61.0	15.0	1.4	3194.4	0.04	88.02
61.0-62.0	14.0	1.3	3195.7	0.04	88.06
62.0-63.0	13.0	1.3	3197.0	0.03	88.10
63.0-64.0	9.4	0.9	3197.9	0.03	88.12
64.0-65.0	7.8	0.8	3198.7	0.02	88.14
65.0-66.0	7.8	0.8	3199.5	0.02	88.16
66.0-67.0	6.2	0.6	3200.1	0.02	88.18
67.0-68.0	4.2	0.4	3200.5	0.01	88.19
68.0-69.0	3.6	0.4	3200.9	0.01	88.20
69.0-70.0	4.2	0.4	3201.3	0.01	88.21
70.0-71.0	3.9	0.4	3201.7	0.01	88.23
71.0-72.0	3.6	0.4	3202.1	0.01	88.24

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: 4.200 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	19461.8	19565.9	19581.5	19586.8	19461.8	19565.9	19581.5	19586.8	19461.8	
G1.0	19800.2	19519.1	19081.8	19040.2	18759.1	19238.0	19722.1	19784.5	19800.2	
G2.0	19779.3	19128.7	18259.4	18129.3	17697.3	18556.1	19487.8	19612.8	19779.3	
G3.0	19388.9	18394.8	17103.9	16916.5	16380.4	17499.5	18873.7	19066.2	19388.9	
G4.0	18675.9	17343.3	15802.7	15521.6	14870.9	16177.4	17874.3	18186.6	18675.9	
G5.0	17629.6	16078.5	14324.4	13991.3	13247.0	14636.7	16578.2	16989.4	17629.6	
G6.0	16364.8	14657.5	12783.7	12367.3	11570.9	13012.7	15068.7	15578.8	16364.8	
G7.0	14907.4	13142.8	11185.7	10727.7	9915.7	11321.1	13429.1	14027.7	14907.4	
G8.0	13340.6	11539.7	9608.6	9124.5	8333.3	9665.8	11721.9	12388.1	13340.6	
G9.0	11706.2	9988.6	8125.1	7672.3	6954.0	8099.1	10045.8	10706.9	11706.2	
G10.0	10113.5	8494.7	6834.3	6407.5	5746.4	6714.6	8463.5	9103.7	10113.5	
G11.0	8541.5	7157.0	5694.4	5309.2	4731.4	5538.2	7052.9	7625.5	8541.5	
G12.0	7151.8	5975.4	4752.3	4413.9	3929.8	4549.3	5814.1	6324.2	7151.8	
G13.0	5954.6	4976.1	3955.9	3680.0	3279.2	3768.5	4783.5	5236.3	5954.6	
G14.0	4934.4	4122.4	3294.8	3071.0	2758.7	3133.5	3955.9	4325.4	4934.4	
G15.0	4065.2	3424.9	2779.5	2586.9	2357.9	2659.8	3279.2	3565.5	4065.2	
G16.0	3393.7	2873.2	2368.3	2238.2	2071.6	2285.0	2753.5	2961.7	3393.7	
G17.0	2836.8	2456.8	2087.2	1967.5	1847.8	2019.6	2347.5	2514.1	2836.8	
G18.0	2420.4	2139.3	1873.8	1780.1	1691.7	1811.4	2056.0	2170.5	2420.4	
G19.0	2113.3	1899.9	1712.5	1644.8	1582.3	1665.6	1832.2	1920.7	2113.3	
G20.0	1879.0	1738.5	1598.0	1545.9	1514.7	1577.1	1676.0	1738.5	1879.0	
G21.0	1717.7	1618.8	1525.1	1483.4	1462.6	1504.3	1577.1	1608.4	1717.7	
G22.0	1603.2	1530.3	1467.8	1426.2	1421.0	1457.4	1499.1	1525.1	1603.2	
G23.0	1519.9	1483.4	1431.4	1400.2	1400.2	1415.8	1447.0	1462.6	1519.9	
G24.0	1473.0	1436.6	1400.2	1374.1	1363.7	1379.3	1405.4	1421.0	1473.0	
G25.0	1431.4	1405.4	1374.1	1332.5	1348.1	1342.9	1374.1	1384.6	1431.4	
G26.0	1395.0	1374.1	1342.9	1322.1	1322.1	1322.1	1342.9	1363.7	1395.0	
G27.0	1374.1	1353.3	1327.3	1301.3	1301.3	1301.3	1311.7	1332.5	1374.1	
G28.0	1342.9	1332.5	1311.7	1285.7	1290.9	1280.4	1285.7	1311.7	1342.9	
G29.0	1322.1	1322.1	1290.9	1264.8	1259.6	1270.0	1280.4	1301.3	1322.1	
G30.0	1306.5	1301.3	1244.0	1202.4	1160.7	1223.2	1249.2	1275.3	1306.5	
G31.0	1285.7	1249.2	1129.5	1072.3	1009.8	1124.3	1207.6	1249.2	1285.7	
G32.0	1228.4	1113.9	978.6	910.9	832.8	978.6	1113.9	1155.5	1228.4	
G33.0	1098.3	942.1	791.2	728.7	666.3	806.8	973.3	1015.0	1098.3	
G34.0	936.9	765.2	603.8	551.7	484.1	624.6	791.2	838.0	936.9	
G35.0	749.5	583.0	432.0	374.8	307.1	452.8	598.6	666.3	749.5	
G36.0	583.0	411.2	270.7	229.0	166.6	286.3	421.6	473.7	583.0	

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 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	406.0	249.8	150.9	119.7	88.5	150.9	270.7	312.3	406.0	
G38.0	244.6	135.3	88.5	83.3	67.7	83.3	135.3	166.6	244.6	
G39.0	130.1	88.5	78.1	67.7	57.3	67.7	72.9	88.5	130.1	
G40.0	88.5	83.3	62.5	52.0	46.8	57.3	67.7	72.9	88.5	
G41.0	83.3	67.7	46.8	41.6	41.6	57.3	57.3	67.7	83.3	
G42.0	67.7	41.6	41.6	41.6	36.4	41.6	52.0	52.0	67.7	
G43.0	41.6	41.6	41.6	31.2	41.6	41.6	41.6	31.2	41.6	
G44.0	41.6	31.2	41.6	31.2	36.4	41.6	36.4	31.2	41.6	
G45.0	41.6	36.4	31.2	36.4	31.2	31.2	31.2	31.2	41.6	
G46.0	31.2	31.2	36.4	31.2	36.4	36.4	31.2	36.4	31.2	
G47.0	31.2	36.4	31.2	36.4	31.2	31.2	36.4	31.2	31.2	
G48.0	36.4	31.2	36.4	20.8	31.2	31.2	31.2	36.4	36.4	
G49.0	31.2	36.4	31.2	26.0	31.2	36.4	26.0	20.8	31.2	
G50.0	26.0	31.2	26.0	20.8	31.2	31.2	20.8	26.0	26.0	
G51.0	20.8	20.8	20.8	26.0	36.4	26.0	26.0	20.8	20.8	
G52.0	26.0	31.2	26.0	26.0	20.8	20.8	20.8	26.0	26.0	
G53.0	20.8	20.8	20.8	20.8	26.0	36.4	26.0	20.8	20.8	
G54.0	31.2	26.0	26.0	26.0	20.8	20.8	26.0	26.0	31.2	
G55.0	26.0	20.8	20.8	20.8	26.0	26.0	26.0	20.8	26.0	
G56.0	26.0	26.0	26.0	26.0	26.0	20.8	26.0	26.0	26.0	
G57.0	26.0	20.8	20.8	20.8	20.8	26.0	20.8	20.8	26.0	
G58.0	20.8	26.0	20.8	26.0	26.0	20.8	26.0	20.8	20.8	
G59.0	26.0	20.8	15.6	10.4	10.4	26.0	10.4	26.0	26.0	
G60.0	20.8	15.6	10.4	15.6	15.6	15.6	15.6	20.8	20.8	
G61.0	15.6	15.6	15.6	10.4	10.4	15.6	10.4	15.6	15.6	
G62.0	10.4	10.4	15.6	15.6	15.6	15.6	15.6	15.6	10.4	
G63.0	15.6	15.6	5.2	15.6	5.2	15.6	5.2	15.6	15.6	
G64.0	10.4	10.4	5.2	5.2	10.4	5.2	5.2	5.2	10.4	
G65.0	15.6	5.2	5.2	5.2	5.2	10.4	15.6	5.2	15.6	
G66.0	15.6	5.2	5.2	5.2	10.4	5.2	5.2	5.2	15.6	
G67.0	10.4	5.2	5.2	5.2	5.2	0.0	5.2	5.2	10.4	
G68.0	5.2	5.2	0.0	0.0	5.2	5.2	0.0	5.2	5.2	
G69.0	5.2	0.0	5.2	5.2	5.2	0.0	5.2	5.2	5.2	
G70.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	5.2	
G71.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	0.0	
G72.0	5.2	5.2	5.2	0.0	5.2	5.2	5.2	0.0	5.2	
G73.0	5.2	5.2	5.2	5.2	0.0	5.2	5.2	5.2	5.2	

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 2)

Unit: cd

[illegible]

Test Device: CHL-6E
Distance: 4.200 m
Humidity:
Inspector: