

Report No.:

Test Time: 2023/2/20 15:24

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4020-ALL ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.2 V

Current: 0.161 A

Power: 32.90 W

Power Factor: 0.932

Photometric Results

CIE Class: Direct

Measurement Flux: 1488.7 lm

Downward Ratio: 93%

Horizontal Diffuse Angle(10%,50%): H52.4,H21

Vertical Diffuse Angle(10%,50%): V52.6,V21.2

Luminaire Efficacy Rating (LER): 45

Max. Intensity: 4856.57 cd

Total Rated Lamp Lumens: 1488.7 lm

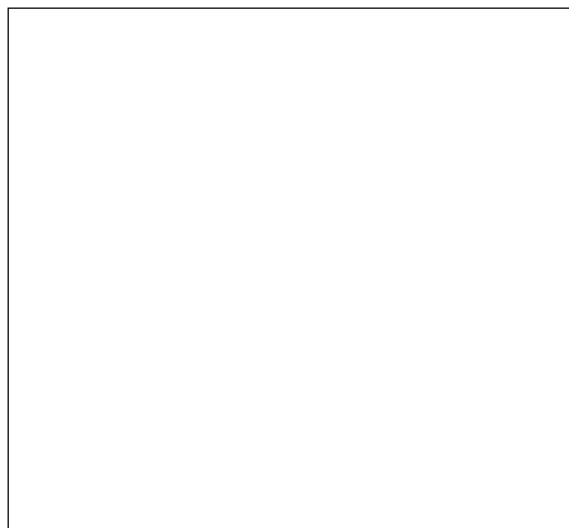
Efficiency: 100%

Upward Ratio: 7%

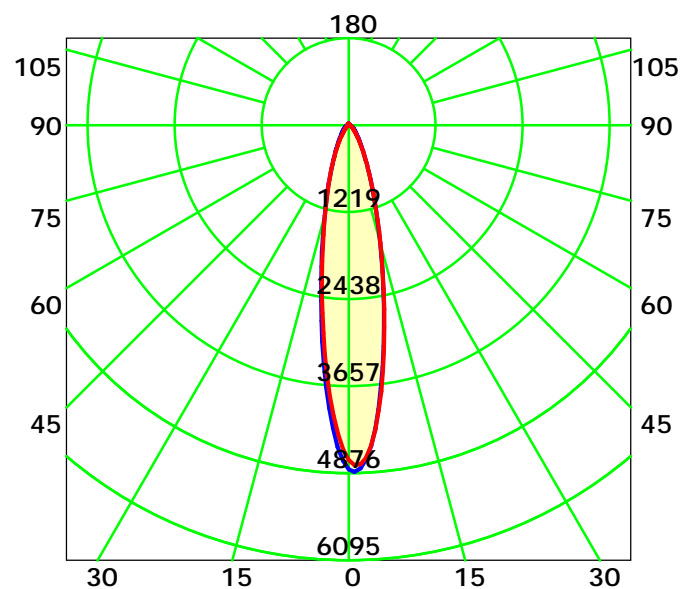
Central Intensity: 4819.86 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 21.1° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

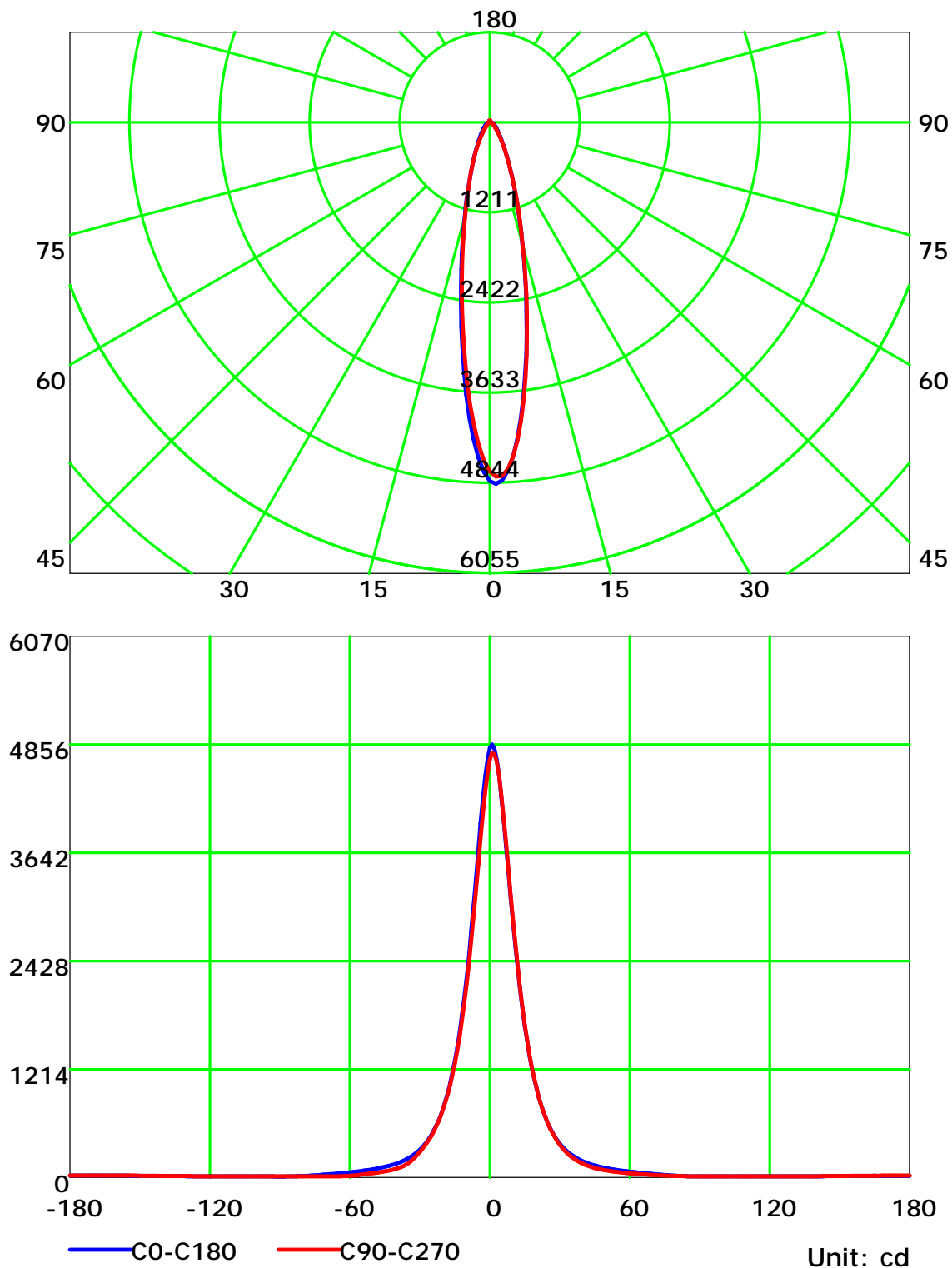
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

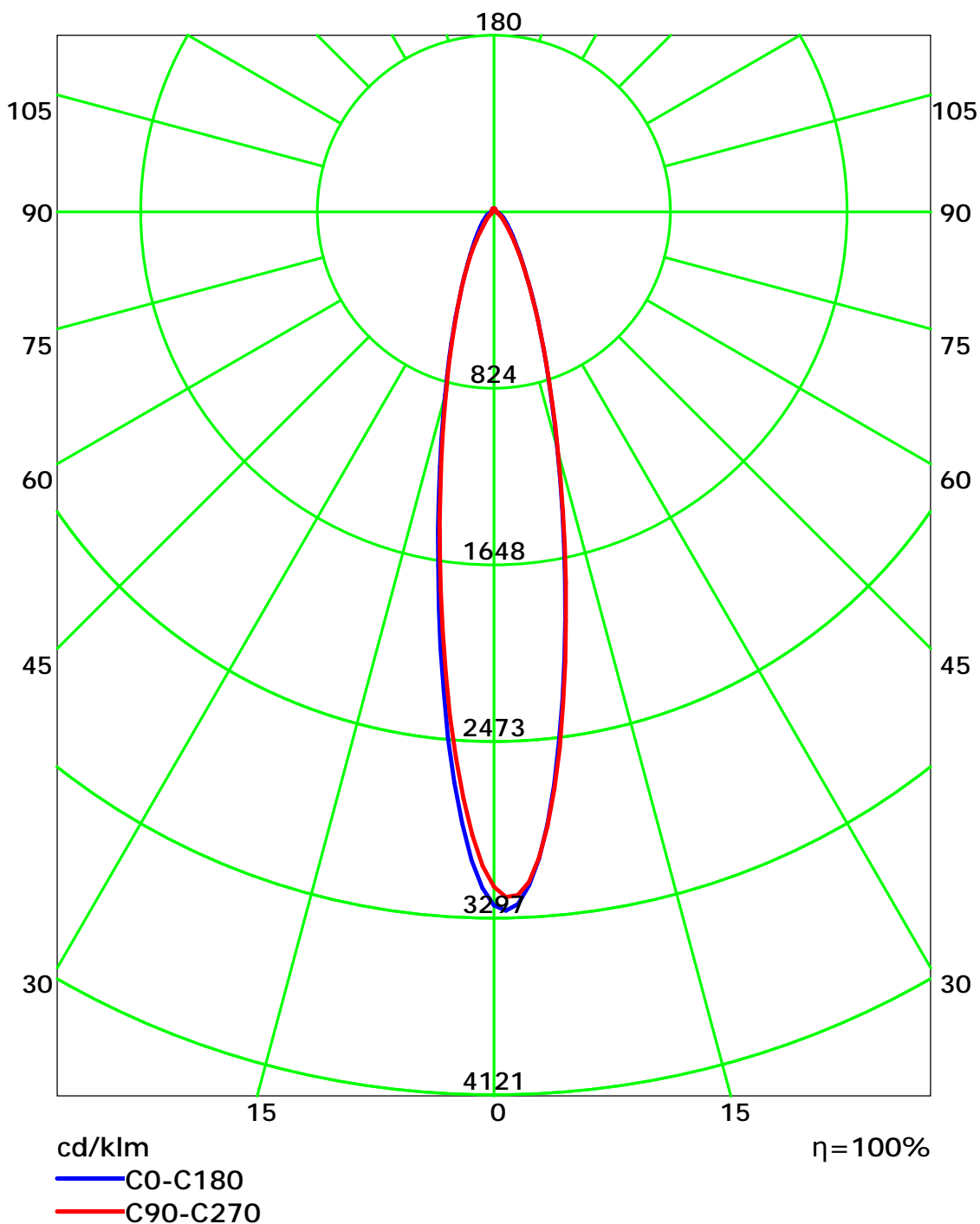
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

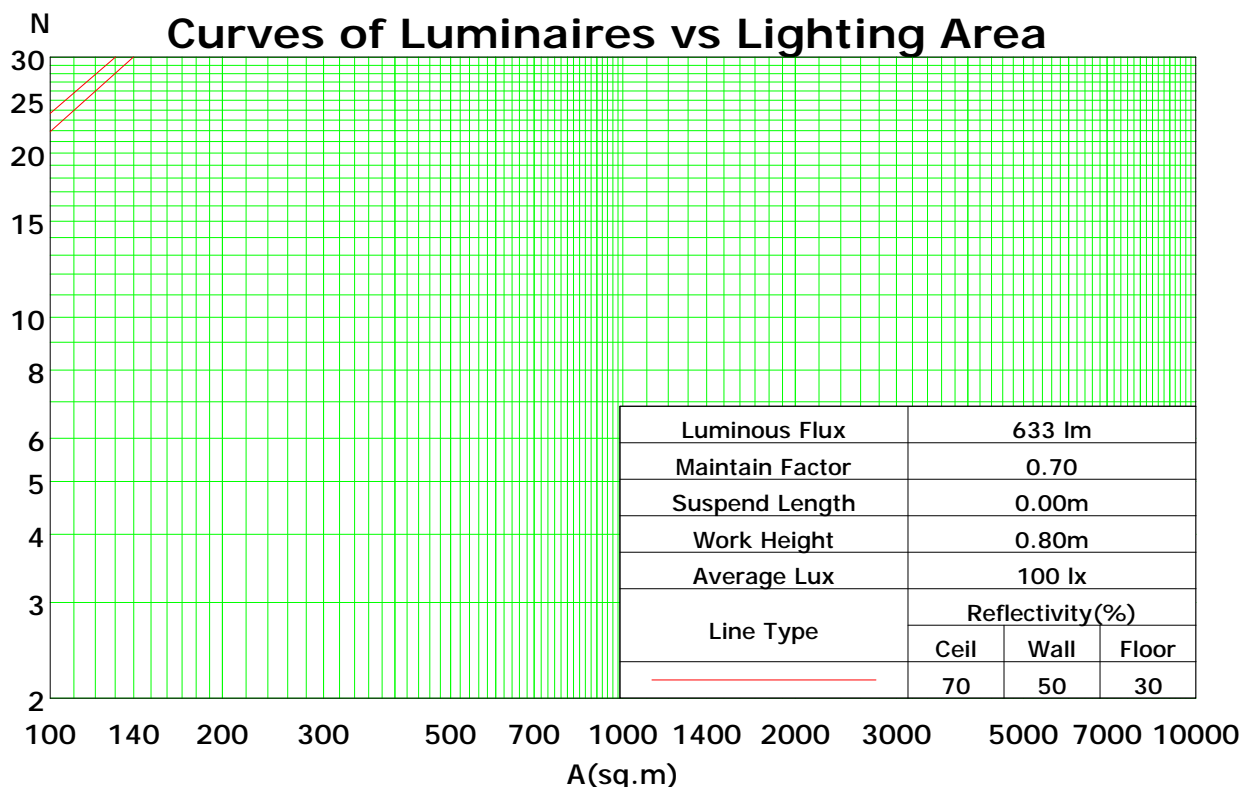
Coefficients Of Utilization - Zonal Cavity Method

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	111	108	105	102	108	105	102	100	99	97	96	94	93	92	90	89	88	85
2	105	100	95	92	102	97	94	90	93	90	87	89	86	84	85	83	81	79
3	100	93	88	84	97	91	86	83	87	84	80	84	81	78	81	78	76	74
4	95	87	82	77	93	86	80	76	82	78	75	80	76	73	77	74	71	70
5	91	82	76	72	88	81	75	71	78	74	70	76	72	69	73	70	68	66
6	87	78	72	68	85	77	71	67	74	70	66	72	68	65	70	67	64	63
7	83	74	68	64	81	73	67	64	71	66	63	69	65	62	67	64	61	60
8	79	70	65	61	78	70	64	60	68	63	60	66	62	59	65	61	58	57
9	76	67	62	58	75	67	61	58	65	60	57	64	60	57	62	59	56	55
10	74	64	59	55	72	64	59	55	63	58	55	61	57	54	60	56	54	53

Spacing Criteria (0-180): 0.36

Spacing Criteria (90-270): 0.36

Spacing Criteria (Diagonal): 0.40



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

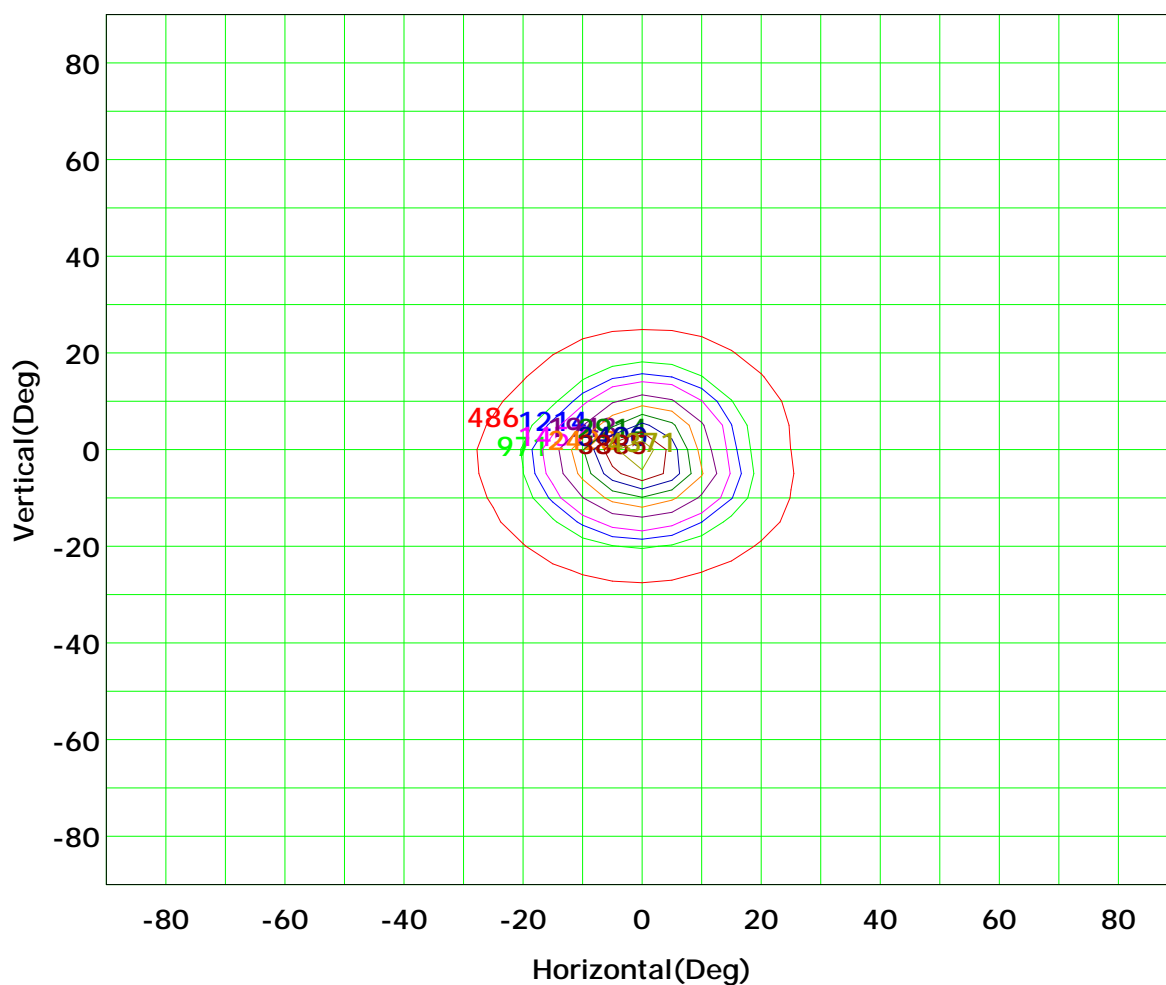
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

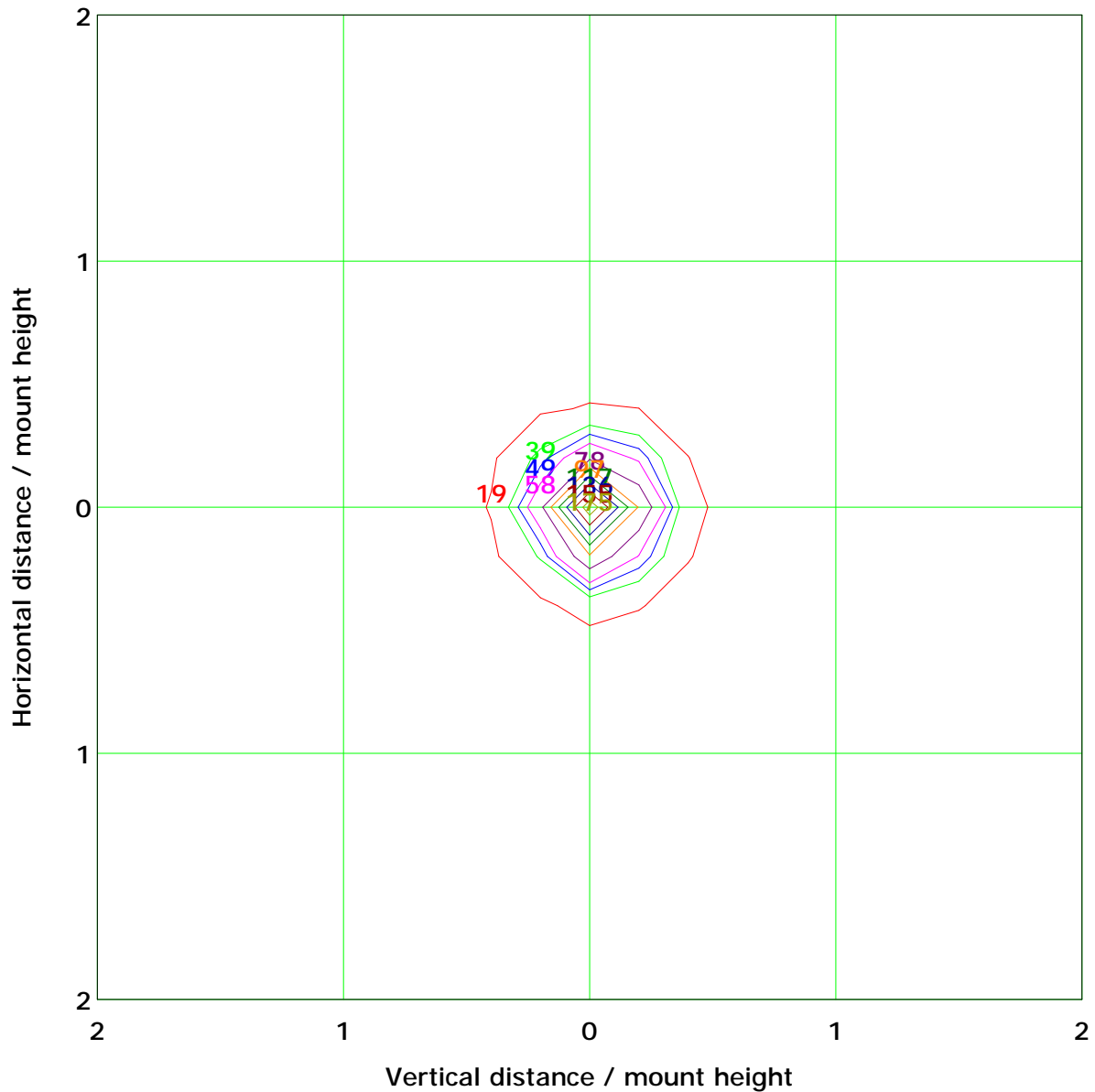
Isocandela (rectangle)



Imax (100%): 4857 cd

(10%): 486 cd	(20%): 971 cd
(25%): 1214 cd	(30%): 1457 cd
(40%): 1943 cd	(50%): 2428 cd
(60%): 2914 cd	(70%): 3400 cd
(80%): 3885 cd	(90%): 4371 cd

IsoLux Plot



Mounting Height: 5.0m		Max Lux(100%): 194.2 lx	
(10%): 19.4 lx	(20%): 38.8 lx	(30%): 58.3 lx	(40%): 77.7 lx
(25%): 48.5 lx	(50%): 97.1 lx	(60%): 116.5 lx	(70%): 135.9 lx
(80%): 155.3 lx	(90%): 174.8 lx		

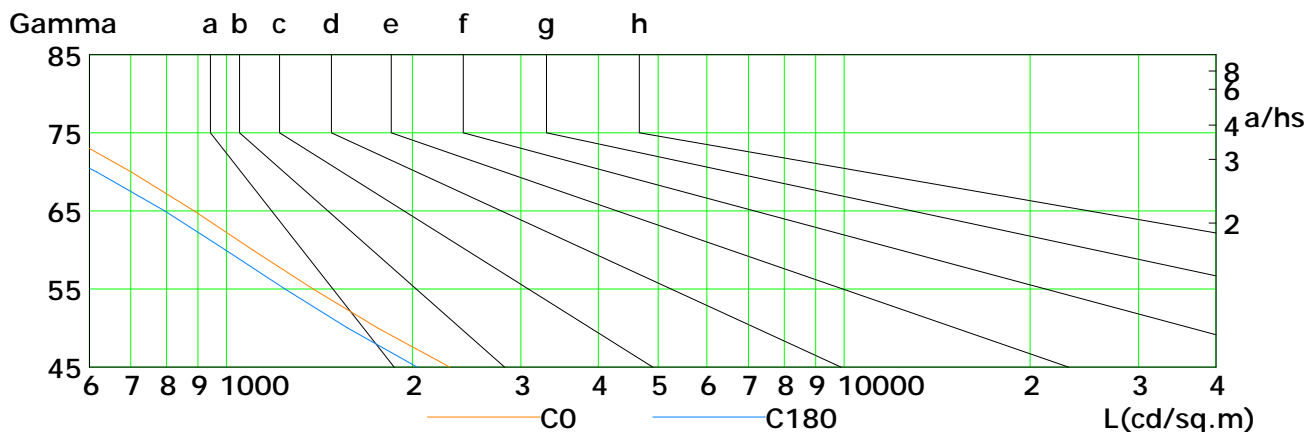
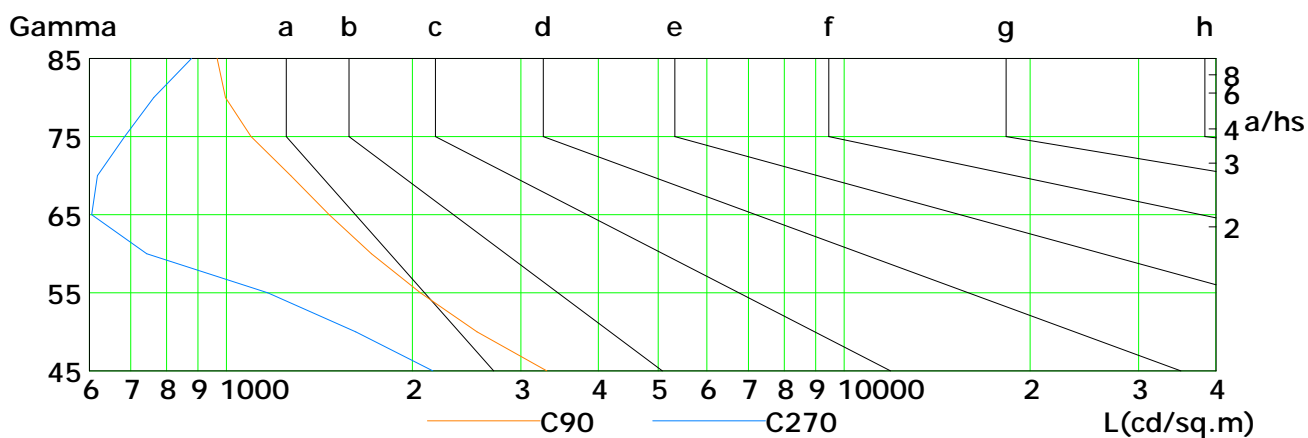
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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

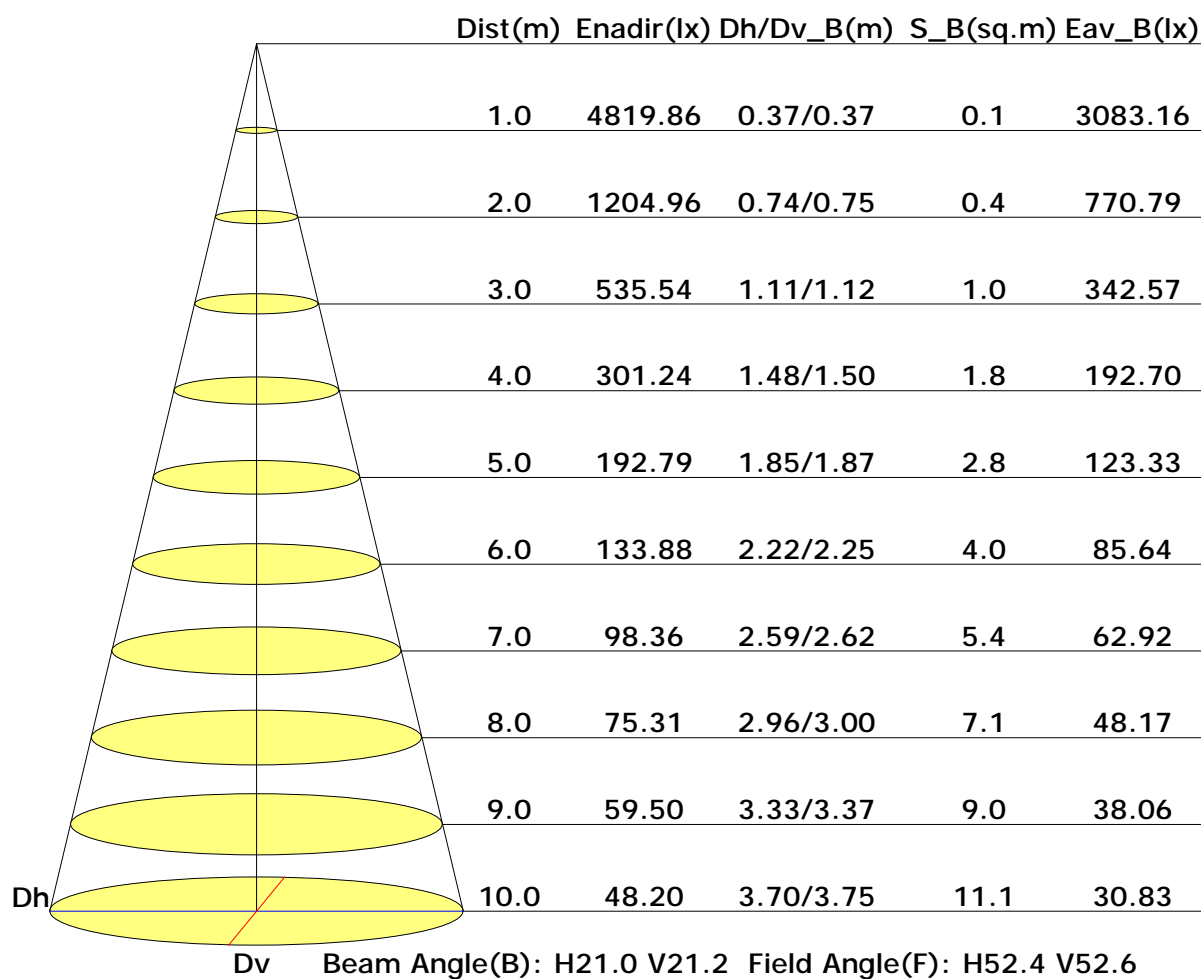


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2300	1759	1382	1103	887	701	541	394	304
C90	3303	2546	2063	1718	1468	1272	1096	996	967
C180	2036	1572	1244	997	794	616	467	341	283
C270	2161	1620	1167	743	605	619	684	763	878

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

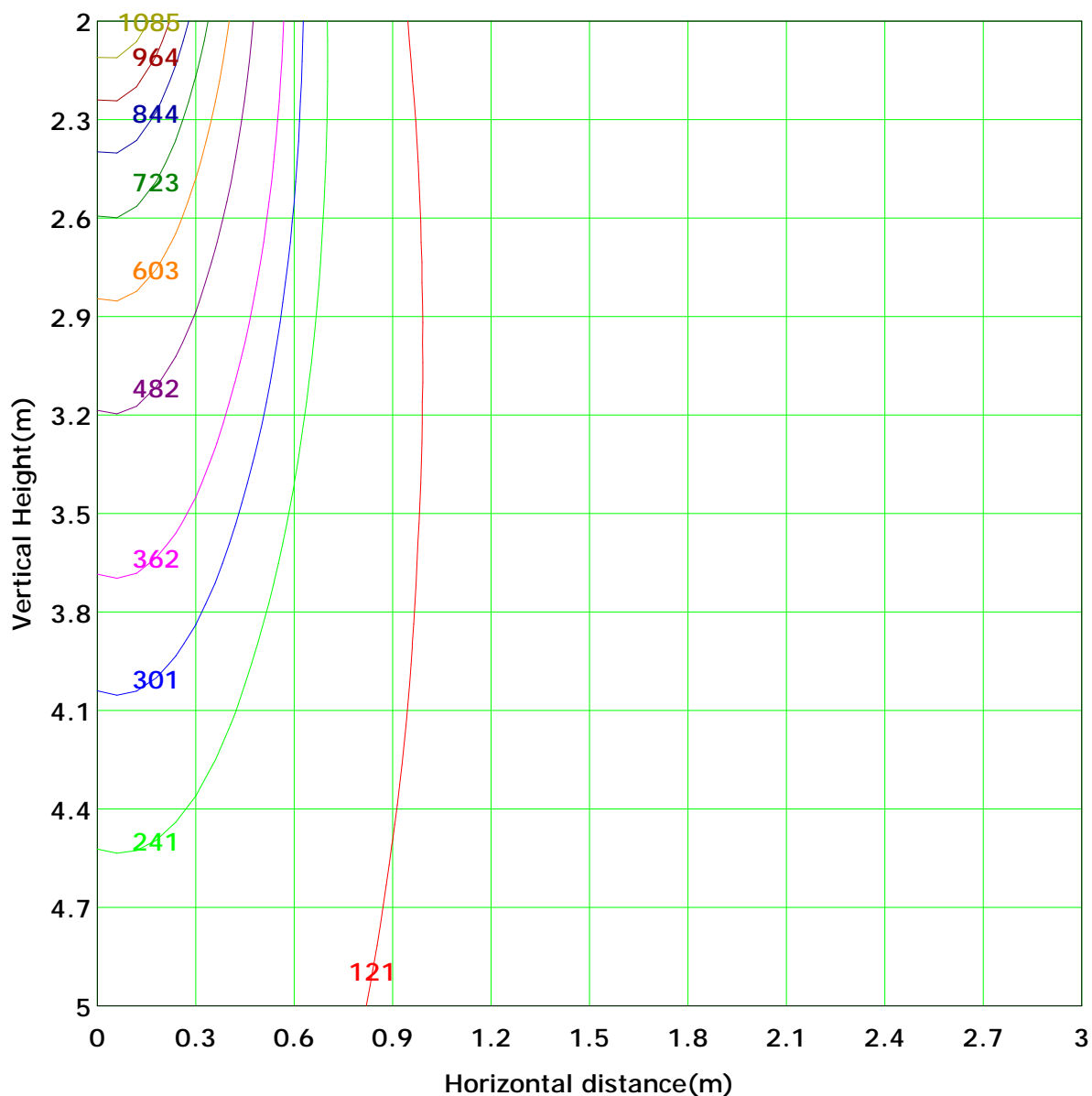
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



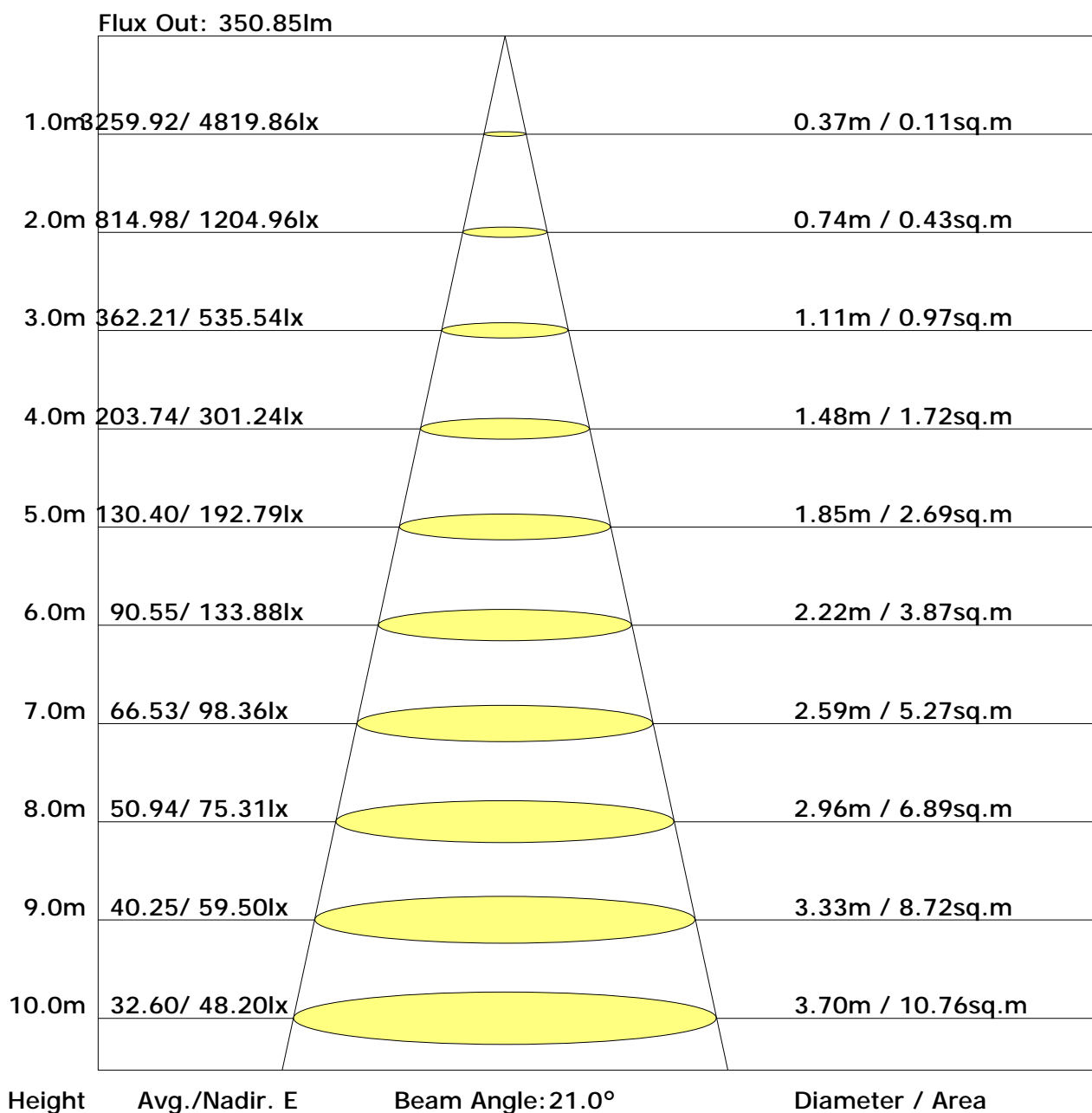
Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 1205.0 lx
(10%): 120.5 lx	(20%): 241.0 lx	
(25%): 301.3 lx	(30%): 361.5 lx	
(40%): 482.0 lx	(50%): 602.5 lx	
(60%): 723.0 lx	(70%): 843.5 lx	
(80%): 964.0 lx	(90%): 1084.5 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

The Average Illuminance Effective Figure



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	8.1	9.1	8.6	9.6	10.1	5.7	6.7	6.2	7.2	7.7
3H	9.6	10.5	10.1	11.0	11.5	6.9	7.8	7.4	8.3	8.8
4H	10.2	11.0	10.7	11.5	12.1	7.3	8.2	7.9	8.7	9.2
6H	10.6	11.4	11.2	11.9	12.5	7.7	8.5	8.3	9.0	9.6
8H	10.8	11.6	11.4	12.1	12.7	7.9	8.6	8.4	9.1	9.7
12H	11.0	11.7	11.6	12.2	12.9	8.0	8.7	8.6	9.3	9.9
X=4H Y=2H	8.1	9.0	8.6	9.5	10.0	6.3	7.1	6.8	7.6	8.2
3H	9.7	10.4	10.3	11.0	11.6	7.6	8.3	8.1	8.9	9.4
4H	10.4	11.0	11.0	11.6	12.2	8.2	8.8	8.7	9.3	10.0
6H	11.0	11.6	11.6	12.1	12.8	8.7	9.2	9.2	9.8	10.4
8H	11.3	11.8	11.9	12.4	13.0	8.9	9.4	9.5	10.0	10.6
12H	11.5	12.0	12.2	12.6	13.2	9.1	9.5	9.7	10.1	10.8
X=8H Y=4H	10.4	10.9	11.0	11.5	12.1	8.4	8.9	9.0	9.5	10.2
6H	11.1	11.5	11.7	12.1	12.8	9.0	9.5	9.7	10.1	10.7
8H	11.4	11.8	12.1	12.4	13.1	9.4	9.7	10.0	10.4	11.0
12H	11.8	12.1	12.5	12.8	13.5	9.7	10.0	10.3	10.6	11.4
X=12H Y=4H	10.4	10.8	11.0	11.4	12.1	8.4	8.9	9.1	9.5	10.1
6H	11.1	11.4	11.7	12.0	12.8	9.1	9.5	9.8	10.1	10.8
8H	11.5	11.8	12.1	12.4	13.1	9.5	9.8	10.1	10.4	11.2

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	0.79	0.86	0.90	0.94	0.98	1.02	1.04	1.06	1.08
	0.30		0.74	0.81	0.85	0.89	0.94	0.98	1.00	1.04	1.06
	0.20		0.70	0.77	0.82	0.85	0.91	0.95	0.97	1.01	1.04
0.50	0.50	0.20	0.77	0.83	0.87	0.90	0.94	0.97	0.99	1.01	1.03
	0.30		0.72	0.79	0.83	0.86	0.91	0.94	0.96	0.99	1.01
	0.20		0.69	0.75	0.80	0.83	0.88	0.91	0.94	0.97	0.99
0.30	0.50	0.20	0.75	0.81	0.84	0.87	0.91	0.93	0.94	0.96	0.98
	0.30		0.71	0.77	0.81	0.84	0.88	0.90	0.92	0.95	0.96
	0.20		0.68	0.74	0.78	0.81	0.86	0.88	0.90	0.93	0.95
0.00	0.00	0.00	0.66	0.71	0.75	0.77	0.81	0.83	0.85	0.87	0.89
Rating: 33W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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	0.66	0.55	0.46	0.40	0.32	0.27	0.23	0.18	0.15
	0.30		0.55	0.47	0.40	0.36	0.29	0.25	0.21	0.17	0.14
	0.20		0.48	0.41	0.36	0.32	0.26	0.23	0.20	0.16	0.13
0.50	0.50	0.20	0.62	0.50	0.43	0.37	0.29	0.28	0.21	0.16	0.13
	0.30		0.52	0.44	0.38	0.33	0.27	0.23	0.20	0.15	0.13
	0.20		0.45	0.39	0.34	0.30	0.25	0.21	0.18	0.15	0.12
0.30	0.50	0.20	0.58	0.47	0.39	0.34	0.27	0.22	0.19	0.15	0.12
	0.30		0.50	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.12
	0.20		0.43	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11
0.00	0.00	0.00	0.29	0.24	0.20	0.18	0.14	0.12	0.10	0.08	0.06
Rating: 33W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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	0.21	0.23	0.24	0.25	0.26	0.27	0.27	0.28	0.29
	0.30		0.16	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.27
	0.20		0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25
0.50	0.50	0.20	0.20	0.22	0.23	0.24	0.25	0.26	0.26	0.27	0.27
	0.30		0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.26
	0.20		0.13	0.15	0.16	0.18	0.20	0.21	0.22	0.23	0.24
0.30	0.50	0.20	0.20	0.21	0.22	0.23	0.24	0.25	0.25	0.26	0.26
	0.30		0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.24	0.25
	0.20		0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24
0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Rating: 33W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	4695.8	4.5	4.5	0.30	0.30
1.0-2.0	4621.7	13.3	17.8	0.89	1.19
2.0-3.0	4480.2	21.4	39.2	1.44	2.63
3.0-4.0	4283.6	28.7	67.9	1.93	4.56
4.0-5.0	4044.3	34.8	102.7	2.34	6.90
5.0-6.0	3774.8	39.7	142.3	2.67	9.56
6.0-7.0	3491.8	43.3	185.7	2.91	12.47
7.0-8.0	3208.0	45.9	231.6	3.08	15.56
8.0-9.0	2929.4	47.5	279.1	3.19	18.75
9.0-10.0	2662.7	48.2	327.3	3.24	21.98
10.0-11.0	2410.7	48.2	375.5	3.24	25.22
11.0-12.0	2175.8	47.6	423.0	3.20	28.42
12.0-13.0	1961.6	46.6	469.6	3.13	31.54
13.0-14.0	1766.3	45.2	514.8	3.04	34.58
14.0-15.0	1586.8	43.6	558.4	2.93	37.51
15.0-16.0	1426.8	41.8	600.2	2.81	40.32
16.0-17.0	1285.8	40.0	640.2	2.69	43.01
17.0-18.0	1157.1	38.2	678.4	2.56	45.57
18.0-19.0	1042.1	36.3	714.6	2.44	48.00
19.0-20.0	940.7	34.4	749.1	2.31	50.32
20.0-21.0	849.1	32.6	781.7	2.19	52.51
21.0-22.0	766.7	30.8	812.5	2.07	54.58
22.0-23.0	693.8	29.1	841.6	1.96	56.53
23.0-24.0	629.0	27.5	869.1	1.85	58.38
24.0-25.0	570.4	25.9	895.1	1.74	60.12
25.0-26.0	518.2	24.5	919.5	1.64	61.77
26.0-27.0	471.5	23.1	942.6	1.55	63.32
27.0-28.0	429.8	21.8	964.4	1.46	64.78
28.0-29.0	392.6	20.5	984.9	1.38	66.16
29.0-30.0	359.2	19.4	1004.3	1.30	67.46
30.0-31.0	329.1	18.3	1022.6	1.23	68.69
31.0-32.0	301.8	17.3	1039.9	1.16	69.85
32.0-33.0	277.3	16.3	1056.3	1.10	70.95
33.0-34.0	254.9	15.4	1071.7	1.04	71.99
34.0-35.0	234.6	14.6	1086.3	0.98	72.97
35.0-36.0	216.6	13.8	1100.1	0.93	73.89

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 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	200.4	13.1	1113.1	0.88	74.77
37.0-38.0	185.5	12.4	1125.5	0.83	75.60
38.0-39.0	172.2	11.8	1137.3	0.79	76.39
39.0-40.0	160.2	11.2	1148.4	0.75	77.14
40.0-41.0	149.4	10.6	1159.1	0.71	77.86
41.0-42.0	139.7	10.2	1169.2	0.68	78.54
42.0-43.0	131.1	9.7	1178.9	0.65	79.19
43.0-44.0	123.0	9.3	1188.2	0.62	79.82
44.0-45.0	115.7	8.9	1197.1	0.60	80.41
45.0-46.0	109.0	8.5	1205.6	0.57	80.99
46.0-47.0	102.8	8.2	1213.8	0.55	81.53
47.0-48.0	97.0	7.8	1221.7	0.53	82.06
48.0-49.0	91.8	7.5	1229.2	0.51	82.57
49.0-50.0	86.9	7.2	1236.4	0.49	83.05
50.0-51.0	82.3	7.0	1243.4	0.47	83.52
51.0-52.0	77.9	6.7	1250.1	0.45	83.97
52.0-53.0	73.8	6.4	1256.5	0.43	84.40
53.0-54.0	70.0	6.2	1262.7	0.41	84.82
54.0-55.0	66.4	5.9	1268.6	0.40	85.22
55.0-56.0	63.0	5.7	1274.3	0.38	85.60
56.0-57.0	59.7	5.5	1279.8	0.37	85.96
57.0-58.0	56.6	5.2	1285.0	0.35	86.32
58.0-59.0	53.7	5.0	1290.0	0.34	86.65
59.0-60.0	50.9	4.8	1294.8	0.32	86.98
60.0-61.0	48.2	4.6	1299.4	0.31	87.28
61.0-62.0	45.7	4.4	1303.8	0.30	87.58
62.0-63.0	43.3	4.2	1308.0	0.28	87.86
63.0-64.0	41.2	4.0	1312.1	0.27	88.14
64.0-65.0	39.1	3.9	1315.9	0.26	88.40
65.0-66.0	37.3	3.7	1319.7	0.25	88.65
66.0-67.0	35.7	3.6	1323.3	0.24	88.89
67.0-68.0	34.0	3.4	1326.7	0.23	89.12
68.0-69.0	32.3	3.3	1330.0	0.22	89.34
69.0-70.0	30.9	3.2	1333.2	0.21	89.55
70.0-71.0	29.5	3.0	1336.2	0.20	89.76
71.0-72.0	28.1	2.9	1339.1	0.20	89.95

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	26.8	2.8	1341.9	0.19	90.14
73.0-74.0	25.4	2.7	1344.6	0.18	90.32
74.0-75.0	24.2	2.6	1347.2	0.17	90.49
75.0-76.0	23.2	2.5	1349.6	0.17	90.66
76.0-77.0	22.1	2.4	1352.0	0.16	90.82
77.0-78.0	21.2	2.3	1354.3	0.15	90.97
78.0-79.0	20.4	2.2	1356.4	0.15	91.12
79.0-80.0	19.6	2.1	1358.6	0.14	91.26
80.0-81.0	18.8	2.0	1360.6	0.14	91.39
81.0-82.0	18.2	2.0	1362.6	0.13	91.53
82.0-83.0	17.6	1.9	1364.5	0.13	91.66
83.0-84.0	17.2	1.9	1366.4	0.13	91.78
84.0-85.0	16.8	1.8	1368.2	0.12	91.90
85.0-86.0	16.5	1.8	1370.0	0.12	92.03
86.0-87.0	16.3	1.8	1371.8	0.12	92.15
87.0-88.0	16.2	1.8	1373.6	0.12	92.27
88.0-89.0	16.0	1.8	1375.3	0.12	92.38
89.0-90.0	16.0	1.8	1377.1	0.12	92.50
90.0-91.0	16.0	1.8	1378.8	0.12	92.62
91.0-92.0	16.0	1.8	1380.6	0.12	92.74
92.0-93.0	16.0	1.8	1382.3	0.12	92.85
93.0-94.0	16.0	1.7	1384.1	0.12	92.97
94.0-95.0	16.0	1.7	1385.8	0.12	93.09
95.0-96.0	16.0	1.7	1387.6	0.12	93.21
96.0-97.0	16.0	1.7	1389.3	0.12	93.32
97.0-98.0	15.9	1.7	1391.0	0.12	93.44
98.0-99.0	15.9	1.7	1392.8	0.12	93.56
99.0-100.0	15.9	1.7	1394.5	0.12	93.67
100.0-101.0	15.9	1.7	1396.2	0.12	93.79
101.0-102.0	15.9	1.7	1397.9	0.11	93.90
102.0-103.0	15.8	1.7	1399.6	0.11	94.01
103.0-104.0	15.8	1.7	1401.3	0.11	94.13
104.0-105.0	15.8	1.7	1403.0	0.11	94.24
105.0-106.0	15.8	1.7	1404.6	0.11	94.35
106.0-107.0	15.9	1.7	1406.3	0.11	94.46
107.0-108.0	15.9	1.7	1408.0	0.11	94.58

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	15.9	1.7	1409.6	0.11	94.69
109.0-110.0	15.9	1.6	1411.3	0.11	94.80
110.0-111.0	15.9	1.6	1412.9	0.11	94.91
111.0-112.0	15.9	1.6	1414.5	0.11	95.02
112.0-113.0	16.0	1.6	1416.1	0.11	95.13
113.0-114.0	16.0	1.6	1417.7	0.11	95.23
114.0-115.0	16.0	1.6	1419.3	0.11	95.34
115.0-116.0	16.1	1.6	1420.9	0.11	95.45
116.0-117.0	16.1	1.6	1422.5	0.11	95.55
117.0-118.0	16.2	1.6	1424.1	0.11	95.66
118.0-119.0	16.2	1.6	1425.7	0.10	95.76
119.0-120.0	16.3	1.6	1427.2	0.10	95.87
120.0-121.0	16.4	1.5	1428.8	0.10	95.97
121.0-122.0	16.4	1.5	1430.3	0.10	96.08
122.0-123.0	16.5	1.5	1431.8	0.10	96.18
123.0-124.0	16.6	1.5	1433.3	0.10	96.28
124.0-125.0	16.7	1.5	1434.8	0.10	96.38
125.0-126.0	16.8	1.5	1436.3	0.10	96.48
126.0-127.0	16.9	1.5	1437.8	0.10	96.58
127.0-128.0	17.0	1.5	1439.3	0.10	96.68
128.0-129.0	17.1	1.5	1440.8	0.10	96.78
129.0-130.0	17.2	1.5	1442.2	0.10	96.88
130.0-131.0	17.4	1.4	1443.7	0.10	96.98
131.0-132.0	17.5	1.4	1445.1	0.10	97.07
132.0-133.0	17.6	1.4	1446.5	0.10	97.17
133.0-134.0	17.8	1.4	1448.0	0.10	97.26
134.0-135.0	18.0	1.4	1449.4	0.09	97.36
135.0-136.0	18.2	1.4	1450.8	0.09	97.45
136.0-137.0	18.5	1.4	1452.2	0.09	97.55
137.0-138.0	18.6	1.4	1453.5	0.09	97.64
138.0-139.0	18.8	1.4	1454.9	0.09	97.73
139.0-140.0	19.1	1.4	1456.3	0.09	97.82
140.0-141.0	19.3	1.3	1457.6	0.09	97.91
141.0-142.0	19.6	1.3	1459.0	0.09	98.00
142.0-143.0	19.8	1.3	1460.3	0.09	98.09
143.0-144.0	20.0	1.3	1461.6	0.09	98.18

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	20.3	1.3	1462.9	0.09	98.26
145.0-146.0	20.5	1.3	1464.1	0.09	98.35
146.0-147.0	20.8	1.3	1465.4	0.08	98.43
147.0-148.0	21.0	1.2	1466.6	0.08	98.52
148.0-149.0	21.3	1.2	1467.9	0.08	98.60
149.0-150.0	21.6	1.2	1469.1	0.08	98.68
150.0-151.0	21.8	1.2	1470.2	0.08	98.76
151.0-152.0	22.0	1.2	1471.4	0.08	98.84
152.0-153.0	22.3	1.1	1472.5	0.08	98.91
153.0-154.0	22.5	1.1	1473.6	0.07	98.99
154.0-155.0	22.7	1.1	1474.7	0.07	99.06
155.0-156.0	22.9	1.0	1475.7	0.07	99.13
156.0-157.0	23.1	1.0	1476.7	0.07	99.20
157.0-158.0	23.3	1.0	1477.7	0.07	99.26
158.0-159.0	23.5	0.9	1478.7	0.06	99.33
159.0-160.0	23.6	0.9	1479.6	0.06	99.39
160.0-161.0	23.7	0.9	1480.4	0.06	99.44
161.0-162.0	23.9	0.8	1481.3	0.06	99.50
162.0-163.0	23.9	0.8	1482.1	0.05	99.55
163.0-164.0	24.0	0.7	1482.8	0.05	99.60
164.0-165.0	24.1	0.7	1483.5	0.05	99.65
165.0-166.0	24.1	0.7	1484.2	0.04	99.70
166.0-167.0	24.2	0.6	1484.8	0.04	99.74
167.0-168.0	24.3	0.6	1485.4	0.04	99.78
168.0-169.0	24.3	0.5	1485.9	0.04	99.81
169.0-170.0	24.3	0.5	1486.4	0.03	99.84
170.0-171.0	24.3	0.4	1486.8	0.03	99.87
171.0-172.0	24.2	0.4	1487.2	0.03	99.90
172.0-173.0	24.3	0.3	1487.6	0.02	99.92
173.0-174.0	24.3	0.3	1487.9	0.02	99.94
174.0-175.0	24.2	0.3	1488.1	0.02	99.96
175.0-176.0	24.2	0.2	1488.3	0.01	99.98
176.0-177.0	24.3	0.2	1488.5	0.01	99.99
177.0-178.0	24.2	0.1	1488.6	0.01	99.99
178.0-179.0	24.1	0.1	1488.7	0.00	100.00
179.0-180.0	24.1	0.0	1488.7	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector: