

Report No.:

Test Time: 2023/2/20 16:29

Luminaire Property

Luminaire Manufacturer:
Luminaire Category: 大炮
Lamp Catalog: W
Luminous Width (mm): 70
Voltage: 219.3 V
Power: 9.59 W

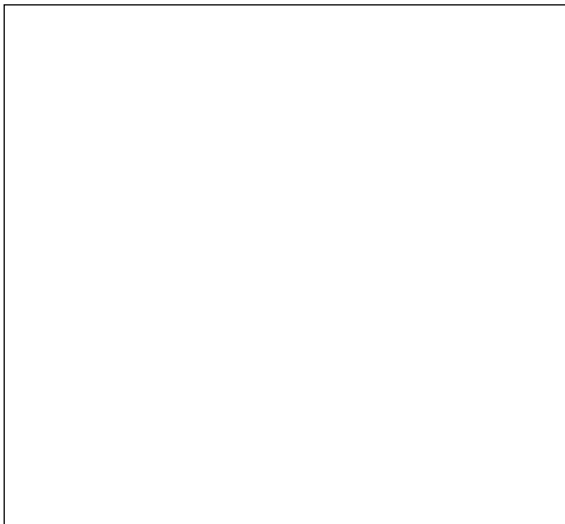
Luminaire Description: 20°
Luminous Length (mm): 270
Luminous Height (mm): 20
Current: 0.107 A
Power Factor: 0.410

Photometric Results

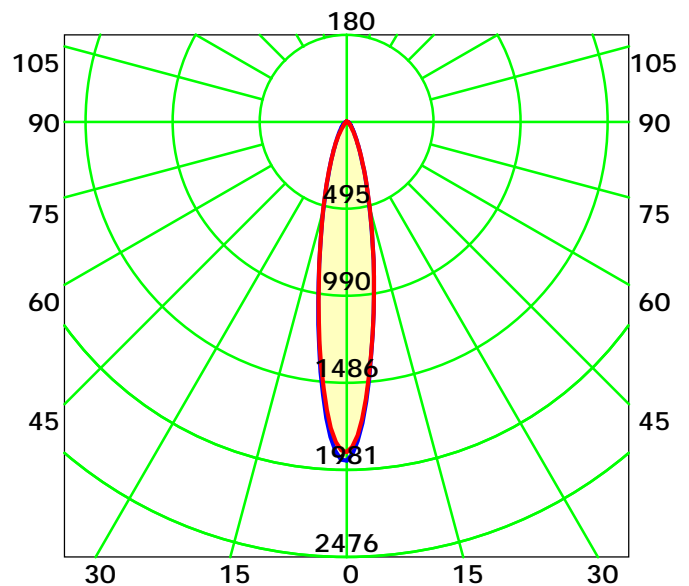
CIE Class: Direct
Measurement Flux: 470 lm
Downward Ratio: 97%
Horizontal Diffuse Angle(10%,50%): H47.7,H19
Vertical Diffuse Angle(10%,50%): V48.4,V19.3
Luminaire Efficacy Rating (LER): 49
Max. Intensity: 1973.52 cd

Total Rated Lamp Lumens: 470.0 lm
Efficiency: 100%
Upward Ratio: 3%
Central Intensity: 1927.28 cd
Pos of Max. Intensity: H210 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



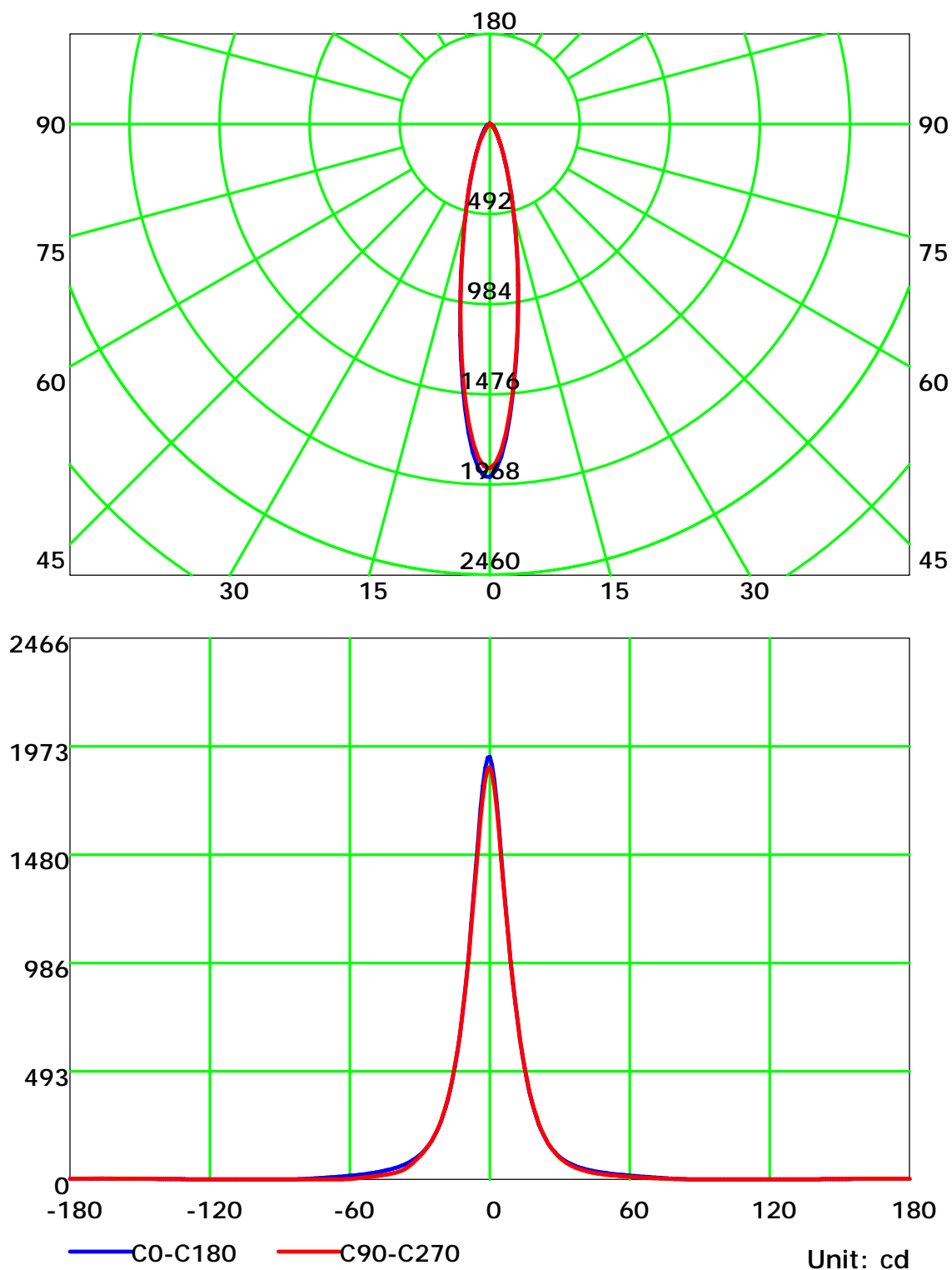
Average Diffuse Angle(50%): 19.2° Unit: cd

— 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:

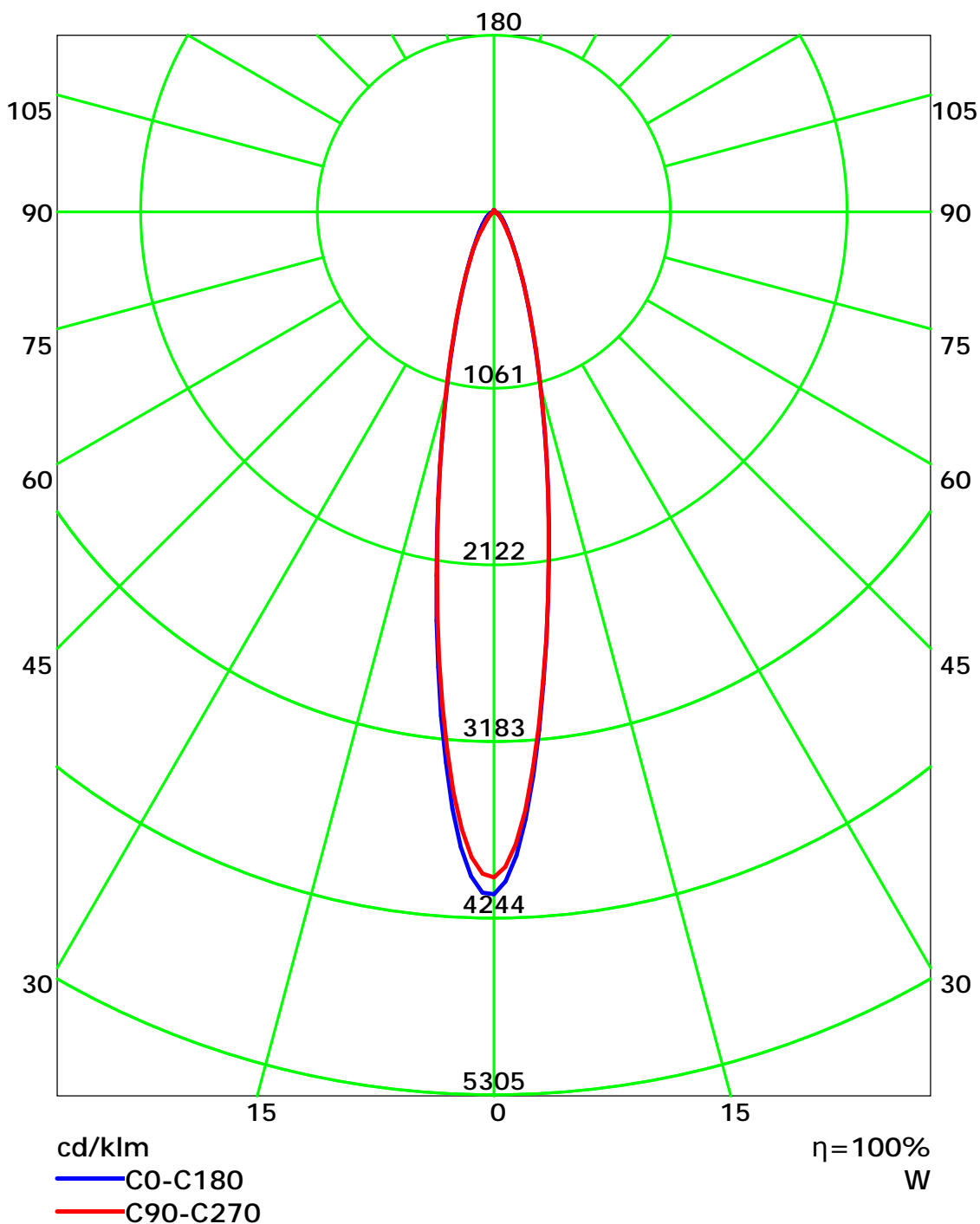
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
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Test Device: GPM-1800B
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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:

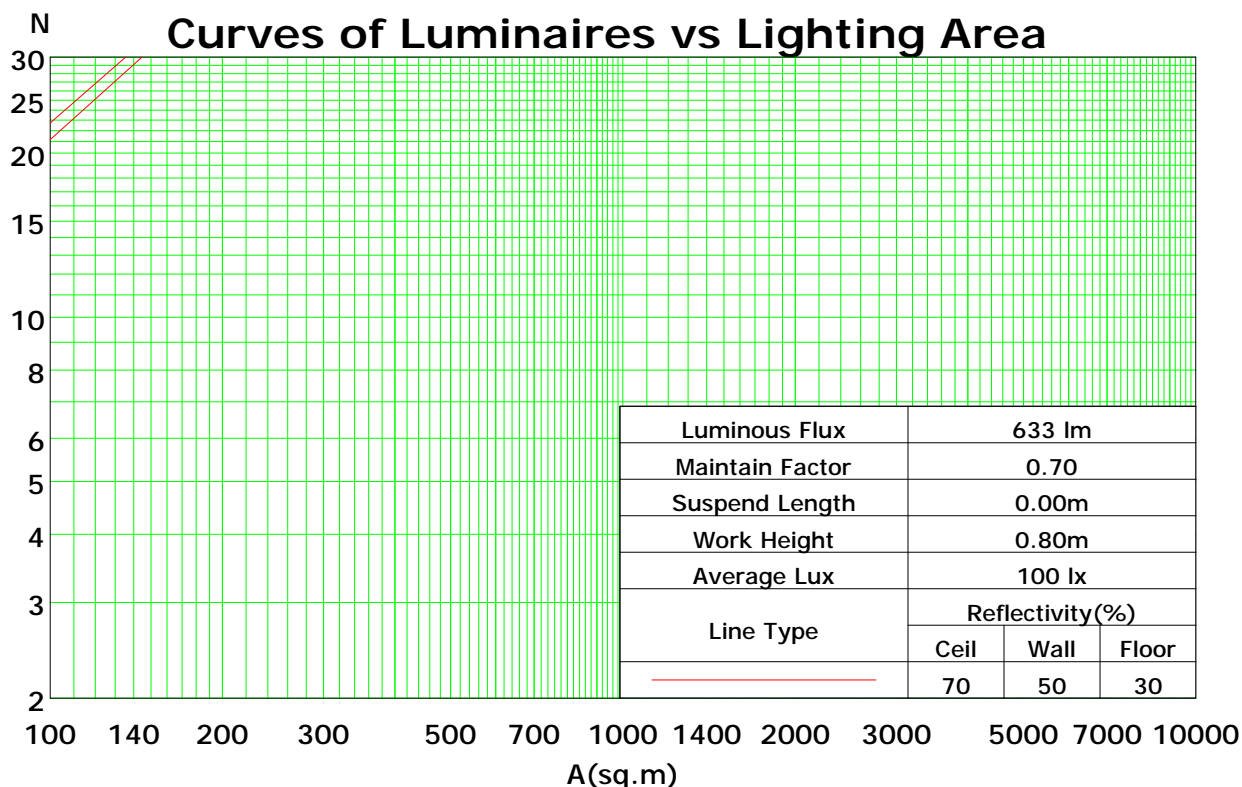
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	113	110	107	105	110	108	105	103	103	101	100	99	97	96	95	94	93	91
2	107	103	99	95	105	101	97	94	97	94	92	94	91	89	90	89	87	85
3	103	96	92	88	100	95	90	87	92	88	85	89	86	84	86	84	82	80
4	98	91	86	82	96	90	85	81	87	83	80	85	81	79	83	80	77	76
5	94	86	81	77	92	85	80	76	83	79	75	81	77	74	79	76	74	72
6	90	82	77	73	88	81	76	72	79	75	72	78	74	71	76	73	70	69
7	87	78	73	69	85	77	72	69	76	71	68	75	71	68	73	70	67	66
8	83	75	70	66	82	74	69	66	73	68	65	72	68	65	71	67	64	63
9	80	72	67	63	79	71	66	63	70	66	63	69	65	62	68	65	62	61
10	78	69	64	61	77	69	64	61	68	63	60	67	63	60	66	62	60	59

Spacing Criteria (0-180): 0.32

Spacing Criteria (90-270): 0.33

Spacing Criteria (Diagonal): 0.37



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

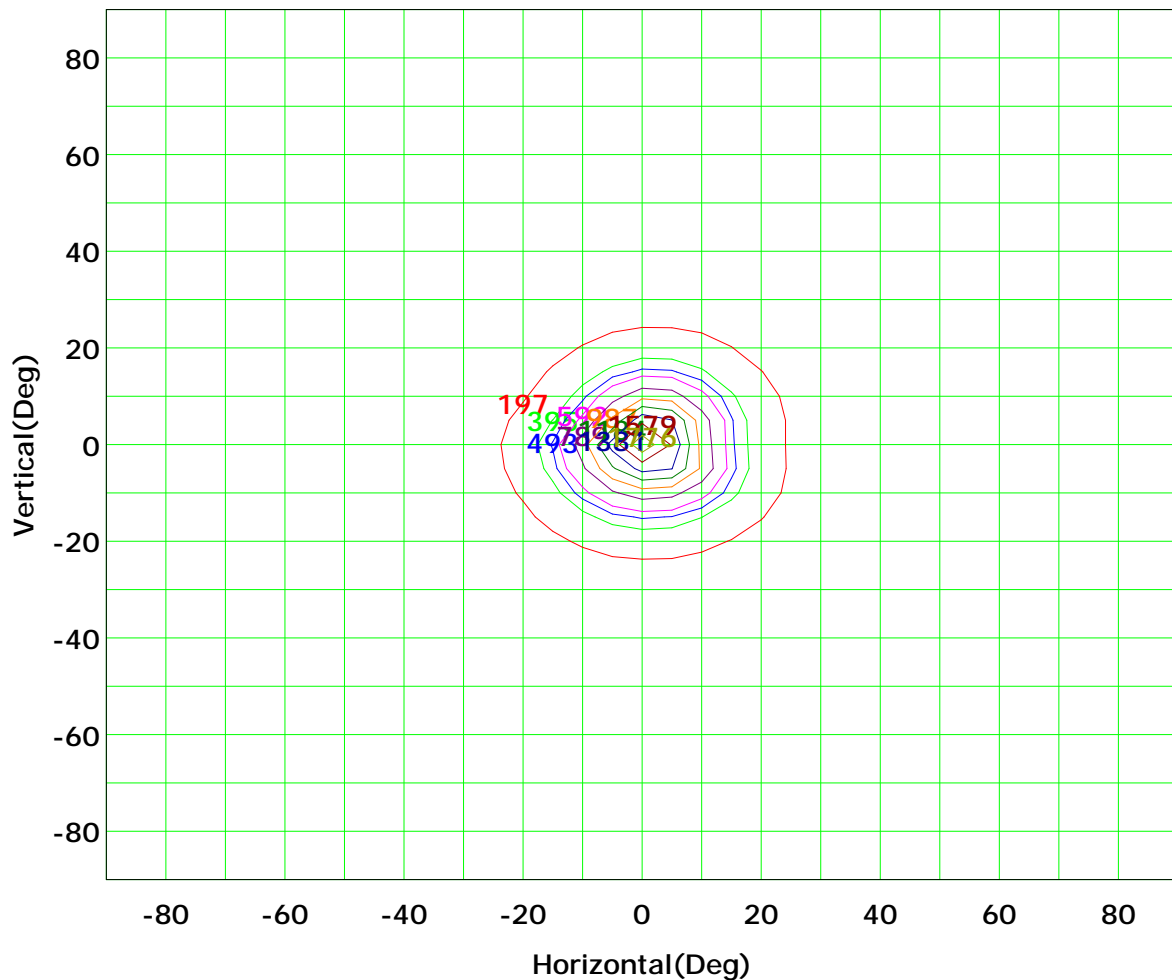
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



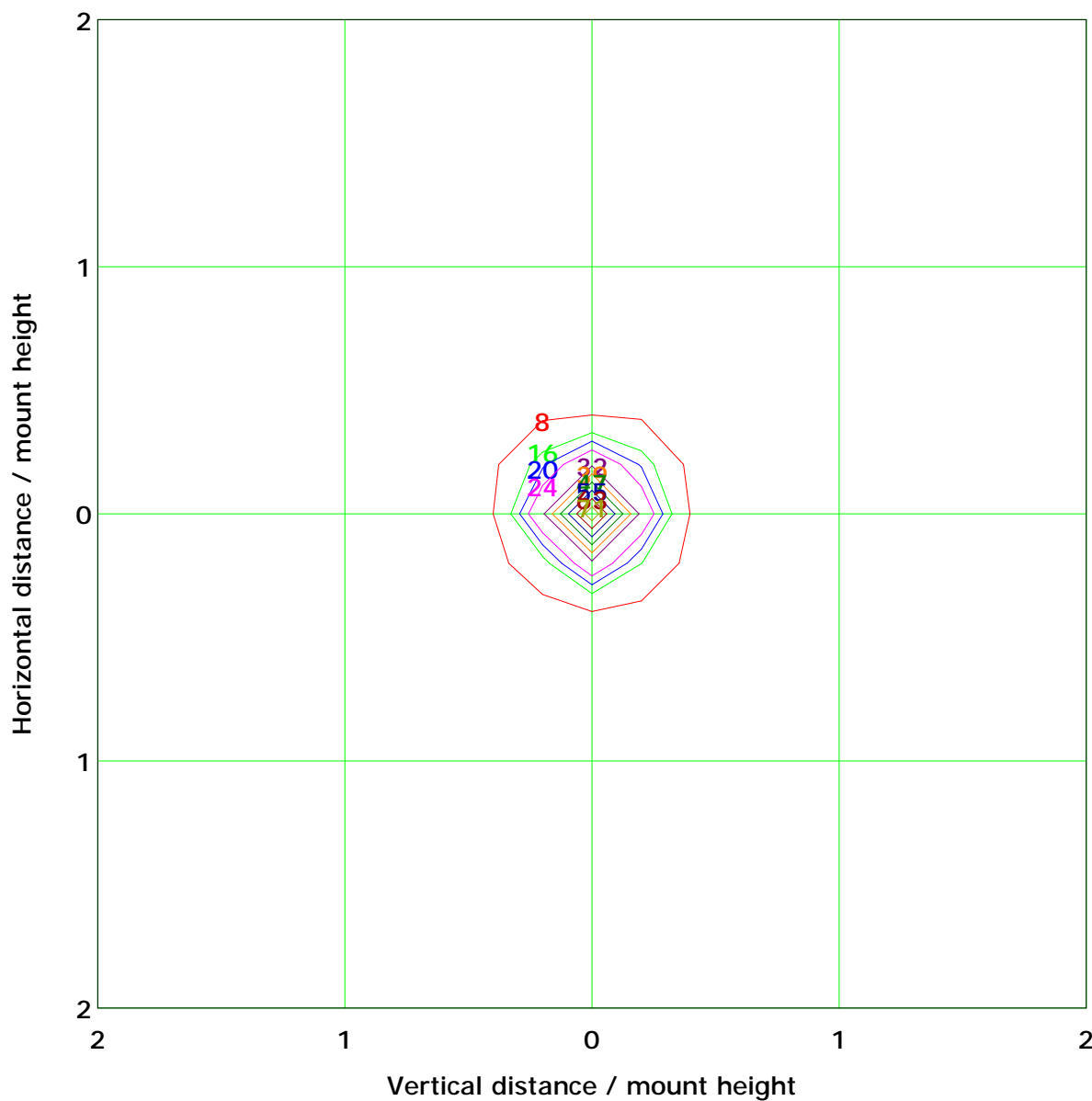
Imax (100%): 1974 cd

(10%): 197 cd	(20%): 395 cd
(25%): 493 cd	(30%): 592 cd
(40%): 789 cd	(50%): 987 cd
(60%): 1184 cd	(70%): 1381 cd
(80%): 1579 cd	(90%): 1776 cd

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:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 78.9 lx	
(10%): 7.9 lx	(20%): 15.8 lx
(25%): 19.7 lx	(30%): 23.7 lx
(40%): 31.6 lx	(50%): 39.5 lx
(60%): 47.3 lx	(70%): 55.2 lx
(80%): 63.1 lx	(90%): 71.0 lx

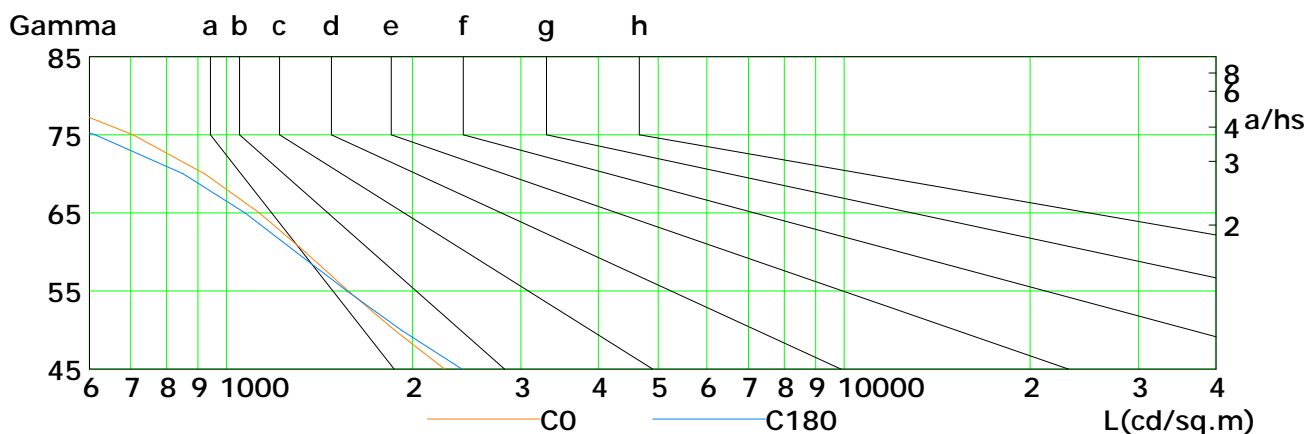
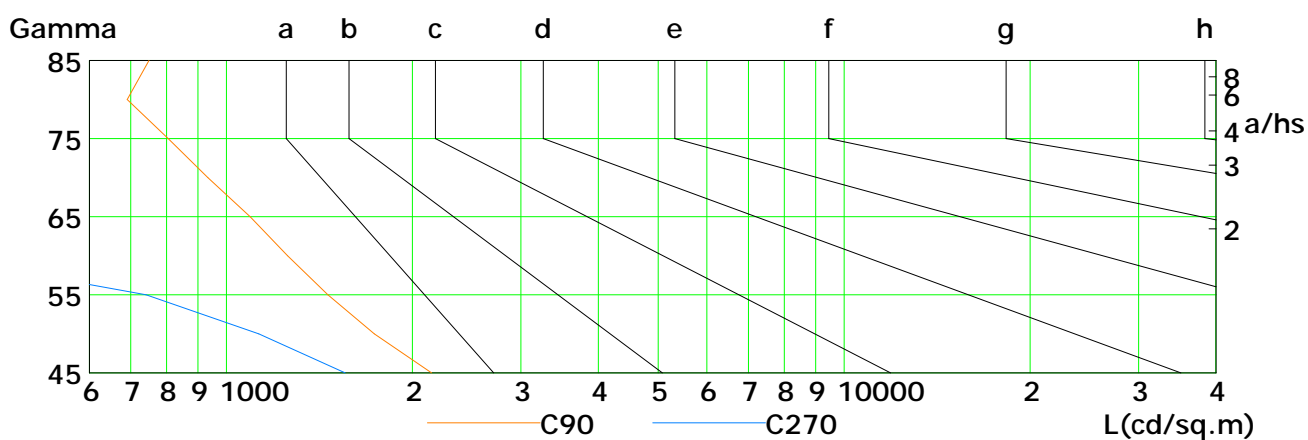
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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

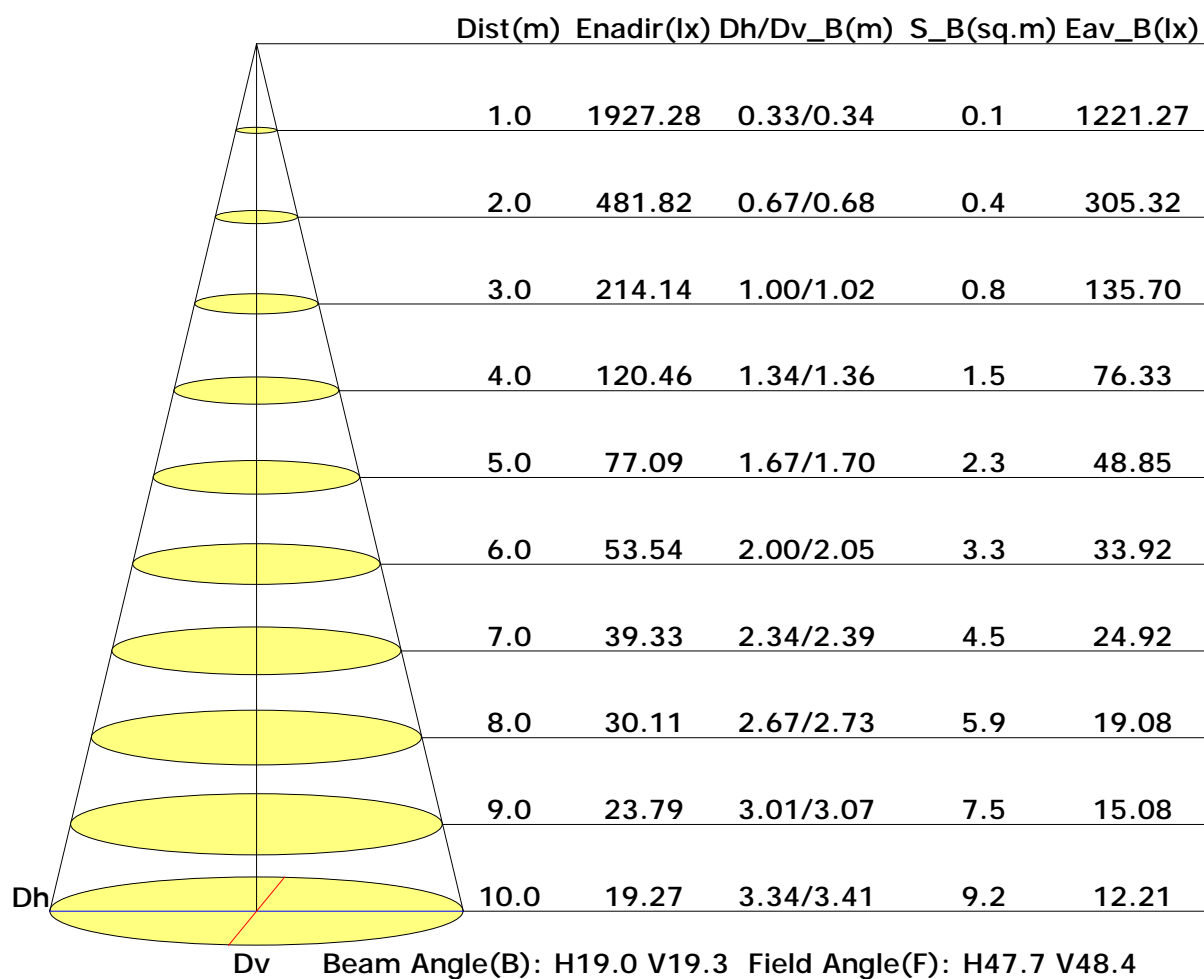


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2258	1872	1576	1342	1131	923	706	490	324
C90	2148	1735	1460	1257	1093	933	806	691	750
C180	2408	1919	1568	1296	1072	852	613	401	250
C270	1557	1128	742	335	215	211	263	352	559

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

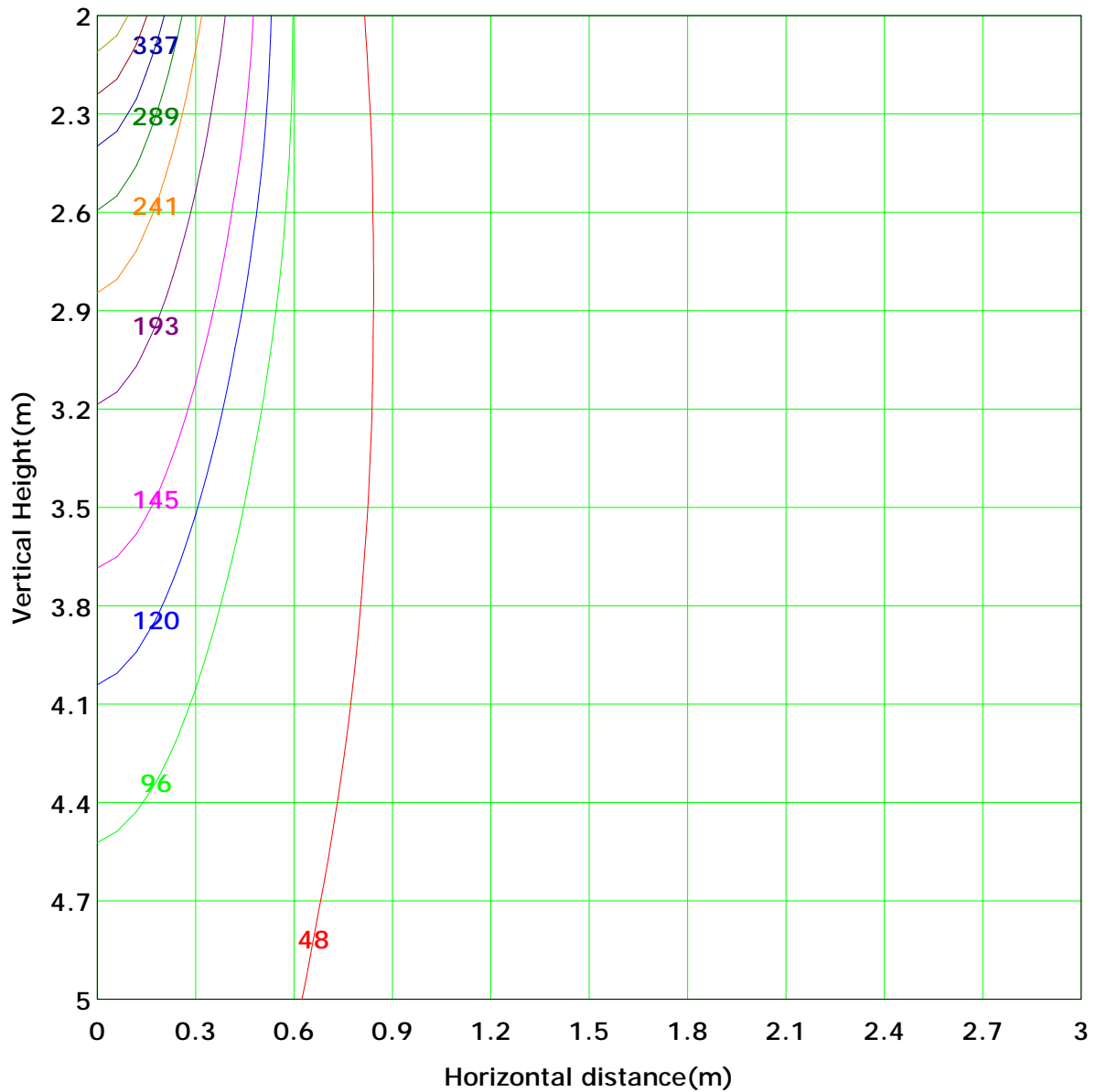


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 481.8 lx
(10%): 48.2 lx	(20%): 96.4 lx	
(25%): 120.5 lx	(30%): 144.5 lx	
(40%): 192.7 lx	(50%): 240.9 lx	
(60%): 289.1 lx	(70%): 337.3 lx	
(80%): 385.5 lx	(90%): 433.6 lx	

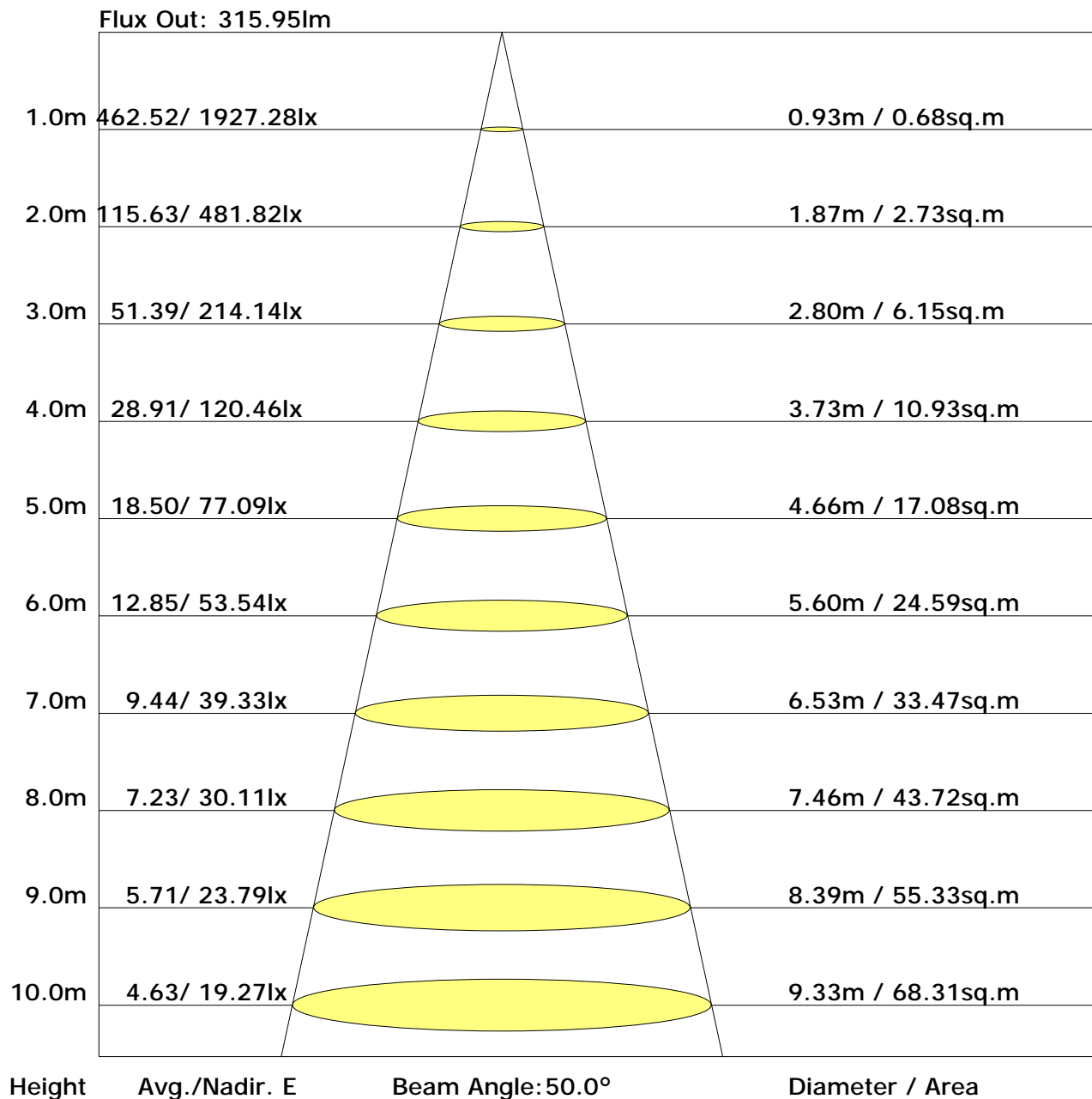
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



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:

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	11.6	12.6	12.0	13.0	13.4	10.0	11.0	10.4	11.4	11.8
3H	13.0	13.9	13.4	14.3	14.7	11.1	12.0	11.5	12.4	12.9
4H	13.5	14.3	13.9	14.7	15.2	11.4	12.3	11.9	12.7	13.2
6H	13.8	14.6	14.3	15.0	15.5	11.6	12.4	12.1	12.8	13.3
8H	13.9	14.6	14.4	15.1	15.5	11.7	12.4	12.2	12.9	13.4
12H	14.0	14.6	14.4	15.1	15.6	11.7	12.4	12.2	12.9	13.4
X=4H Y=2H	11.6	12.5	12.1	12.9	13.3	10.6	11.4	11.0	11.8	12.3
3H	13.1	13.8	13.6	14.3	14.8	11.8	12.5	12.3	13.0	13.4
4H	13.7	14.3	14.2	14.8	15.3	12.2	12.8	12.7	13.3	13.8
6H	14.1	14.6	14.6	15.2	15.7	12.5	13.0	13.0	13.5	14.1
8H	14.3	14.7	14.8	15.3	15.8	12.6	13.1	13.1	13.6	14.1
12H	14.4	14.8	14.9	15.3	15.9	12.7	13.1	13.2	13.6	14.2
X=8H Y=4H	13.6	14.1	14.2	14.6	15.2	12.4	12.9	12.9	13.4	14.0
6H	14.1	14.5	14.7	15.1	15.6	12.8	13.2	13.4	13.7	14.3
8H	14.3	14.7	14.9	15.2	15.8	12.9	13.3	13.5	13.9	14.4
12H	14.5	14.8	15.1	15.4	16.0	13.1	13.4	13.7	14.0	14.6
X=12H Y=4H	13.6	14.0	14.1	14.6	15.1	12.4	12.8	13.0	13.4	13.9
6H	14.1	14.4	14.7	15.0	15.6	12.8	13.2	13.4	13.7	14.3
8H	14.3	14.6	14.9	15.2	15.8	13.0	13.3	13.6	13.9	14.5

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	0.85	0.91	0.95	0.99	1.03	1.06	1.08	1.10	1.12
	0.30		0.80	0.86	0.91	0.94	0.99	1.02	1.05	1.08	1.10
	0.20		0.76	0.83	0.87	0.91	0.96	1.00	1.02	1.06	1.08
0.50	0.50	0.20	0.83	0.89	0.93	0.96	1.00	1.02	1.04	1.06	1.07
	0.30		0.79	0.85	0.89	0.92	0.97	0.99	1.01	1.04	1.06
	0.20		0.75	0.82	0.86	0.89	0.94	0.97	0.99	1.02	1.04
0.30	0.50	0.20	0.81	0.87	0.91	0.93	0.96	0.98	1.00	1.02	1.03
	0.30		0.78	0.83	0.87	0.90	0.94	0.96	0.98	1.00	1.02
	0.20		0.75	0.81	0.85	0.88	0.92	0.94	0.96	0.99	1.00
0.00	0.00	0.00	0.73	0.78	0.82	0.85	0.88	0.90	0.92	0.94	0.95
Rating: 10W 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	0.62	0.50	0.43	0.37	0.29	0.24	0.21	0.16	0.13
	0.30		0.52	0.43	0.37	0.33	0.26	0.22	0.19	0.15	0.12
	0.20		0.44	0.38	0.33	0.29	0.24	0.20	0.18	0.14	0.12
0.50	0.50	0.20	0.58	0.47	0.40	0.34	0.27	0.26	0.19	0.15	0.12
	0.30		0.49	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.11
	0.20		0.43	0.36	0.31	0.28	0.23	0.19	0.17	0.13	0.11
0.30	0.50	0.20	0.55	0.44	0.37	0.32	0.25	0.20	0.17	0.13	0.11
	0.30		0.47	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.10
	0.20		0.41	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10
0.00	0.00	0.00	0.27	0.22	0.18	0.16	0.12	0.10	0.08	0.07	0.05
Rating: 10W 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	0.16	0.18	0.19	0.20	0.22	0.22	0.23	0.24	0.25	
	0.30		0.12	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23	
	0.20		0.09	0.11	0.13	0.14	0.16	0.18	0.19	0.20	0.22	
0.50	0.50	0.20	0.16	0.17	0.19	0.19	0.21	0.22	0.22	0.23	0.23	
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
	0.20		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.20	0.21	
0.30	0.50	0.20	0.15	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.21	
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19	0.20	
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Rating: 10W 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	1860.0	1.8	1.8	0.38	0.38
1.0-2.0	1824.1	5.2	7.0	1.11	1.49
2.0-3.0	1756.4	8.4	15.4	1.79	3.28
3.0-4.0	1663.8	11.1	26.6	2.37	5.65
4.0-5.0	1553.6	13.4	39.9	2.84	8.49
5.0-6.0	1433.5	15.1	55.0	3.21	11.70
6.0-7.0	1310.8	16.3	71.3	3.46	15.16
7.0-8.0	1189.9	17.0	88.3	3.62	18.79
8.0-9.0	1073.7	17.4	105.7	3.70	22.49
9.0-10.0	965.1	17.5	123.2	3.72	26.21
10.0-11.0	865.3	17.3	140.5	3.68	29.89
11.0-12.0	773.5	16.9	157.4	3.60	33.49
12.0-13.0	690.0	16.4	173.7	3.48	36.97
13.0-14.0	615.4	15.8	189.5	3.35	40.32
14.0-15.0	548.2	15.1	204.6	3.20	43.52
15.0-16.0	488.1	14.3	218.9	3.04	46.57
16.0-17.0	435.5	13.6	232.4	2.89	49.45
17.0-18.0	388.8	12.8	245.2	2.73	52.18
18.0-19.0	347.1	12.1	257.3	2.57	54.75
19.0-20.0	310.6	11.4	268.7	2.42	57.17
20.0-21.0	278.3	10.7	279.4	2.27	59.45
21.0-22.0	249.5	10.0	289.4	2.13	61.58
22.0-23.0	224.4	9.4	298.8	2.00	63.58
23.0-24.0	202.2	8.8	307.7	1.88	65.46
24.0-25.0	182.4	8.3	316.0	1.77	67.23
25.0-26.0	165.1	7.8	323.7	1.66	68.89
26.0-27.0	149.6	7.3	331.1	1.56	70.45
27.0-28.0	135.9	6.9	338.0	1.46	71.91
28.0-29.0	123.8	6.5	344.4	1.38	73.29
29.0-30.0	113.1	6.1	350.5	1.30	74.59
30.0-31.0	103.3	5.8	356.3	1.22	75.81
31.0-32.0	94.6	5.4	361.7	1.15	76.97
32.0-33.0	86.8	5.1	366.8	1.09	78.05
33.0-34.0	79.7	4.8	371.6	1.03	79.08
34.0-35.0	73.3	4.6	376.2	0.97	80.05
35.0-36.0	67.4	4.3	380.5	0.91	80.96

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 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	62.1	4.1	384.5	0.86	81.82
37.0-38.0	57.3	3.8	388.4	0.81	82.64
38.0-39.0	53.0	3.6	392.0	0.77	83.41
39.0-40.0	49.2	3.4	395.4	0.73	84.14
40.0-41.0	45.6	3.3	398.7	0.69	84.83
41.0-42.0	42.6	3.1	401.8	0.66	85.49
42.0-43.0	39.8	2.9	404.7	0.63	86.12
43.0-44.0	37.2	2.8	407.5	0.60	86.71
44.0-45.0	34.9	2.7	410.2	0.57	87.28
45.0-46.0	32.7	2.6	412.8	0.54	87.83
46.0-47.0	30.8	2.4	415.2	0.52	88.35
47.0-48.0	28.9	2.3	417.6	0.50	88.85
48.0-49.0	27.3	2.2	419.8	0.48	89.32
49.0-50.0	25.7	2.1	421.9	0.46	89.78
50.0-51.0	24.2	2.0	424.0	0.43	90.21
51.0-52.0	22.7	2.0	425.9	0.42	90.63
52.0-53.0	21.4	1.9	427.8	0.40	91.03
53.0-54.0	20.1	1.8	429.6	0.38	91.40
54.0-55.0	18.9	1.7	431.3	0.36	91.76
55.0-56.0	17.7	1.6	432.9	0.34	92.10
56.0-57.0	16.6	1.5	434.4	0.32	92.43
57.0-58.0	15.6	1.4	435.8	0.31	92.73
58.0-59.0	14.6	1.4	437.2	0.29	93.02
59.0-60.0	13.6	1.3	438.5	0.27	93.30
60.0-61.0	12.7	1.2	439.7	0.26	93.56
61.0-62.0	11.9	1.1	440.8	0.24	93.80
62.0-63.0	11.1	1.1	441.9	0.23	94.03
63.0-64.0	10.4	1.0	442.9	0.22	94.25
64.0-65.0	9.7	1.0	443.9	0.20	94.45
65.0-66.0	9.1	0.9	444.8	0.19	94.65
66.0-67.0	8.5	0.9	445.7	0.18	94.83
67.0-68.0	8.0	0.8	446.5	0.17	95.00
68.0-69.0	7.4	0.8	447.2	0.16	95.16
69.0-70.0	6.9	0.7	447.9	0.15	95.31
70.0-71.0	6.4	0.7	448.6	0.14	95.45
71.0-72.0	6.0	0.6	449.2	0.13	95.59

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	5.5	0.6	449.8	0.12	95.71
73.0-74.0	5.0	0.5	450.3	0.11	95.82
74.0-75.0	4.6	0.5	450.8	0.10	95.92
75.0-76.0	4.3	0.5	451.3	0.10	96.02
76.0-77.0	3.9	0.4	451.7	0.09	96.11
77.0-78.0	3.6	0.4	452.1	0.08	96.19
78.0-79.0	3.3	0.4	452.4	0.08	96.27
79.0-80.0	3.0	0.3	452.7	0.07	96.34
80.0-81.0	2.8	0.3	453.0	0.06	96.40
81.0-82.0	2.5	0.3	453.3	0.06	96.46
82.0-83.0	2.4	0.3	453.6	0.05	96.51
83.0-84.0	2.2	0.2	453.8	0.05	96.56
84.0-85.0	2.1	0.2	454.0	0.05	96.61
85.0-86.0	2.0	0.2	454.3	0.05	96.66
86.0-87.0	1.9	0.2	454.5	0.04	96.70
87.0-88.0	1.8	0.2	454.7	0.04	96.74
88.0-89.0	1.8	0.2	454.9	0.04	96.79
89.0-90.0	1.8	0.2	455.1	0.04	96.83
90.0-91.0	1.8	0.2	455.3	0.04	96.87
91.0-92.0	1.8	0.2	455.4	0.04	96.91
92.0-93.0	1.8	0.2	455.6	0.04	96.95
93.0-94.0	1.8	0.2	455.8	0.04	96.99
94.0-95.0	1.8	0.2	456.0	0.04	97.04
95.0-96.0	1.8	0.2	456.2	0.04	97.08
96.0-97.0	1.7	0.2	456.4	0.04	97.12
97.0-98.0	1.7	0.2	456.6	0.04	97.16
98.0-99.0	1.7	0.2	456.8	0.04	97.20
99.0-100.0	1.7	0.2	457.0	0.04	97.24
100.0-101.0	1.7	0.2	457.2	0.04	97.28
101.0-102.0	1.7	0.2	457.4	0.04	97.32
102.0-103.0	1.7	0.2	457.5	0.04	97.36
103.0-104.0	1.7	0.2	457.7	0.04	97.40
104.0-105.0	1.7	0.2	457.9	0.04	97.43
105.0-106.0	1.7	0.2	458.1	0.04	97.47
106.0-107.0	1.7	0.2	458.3	0.04	97.51
107.0-108.0	1.7	0.2	458.4	0.04	97.55

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	1.7	0.2	458.6	0.04	97.59
109.0-110.0	1.7	0.2	458.8	0.04	97.63
110.0-111.0	1.7	0.2	459.0	0.04	97.66
111.0-112.0	1.8	0.2	459.2	0.04	97.70
112.0-113.0	1.8	0.2	459.3	0.04	97.74
113.0-114.0	1.8	0.2	459.5	0.04	97.78
114.0-115.0	1.8	0.2	459.7	0.04	97.82
115.0-116.0	1.8	0.2	459.9	0.04	97.85
116.0-117.0	1.8	0.2	460.1	0.04	97.89
117.0-118.0	1.8	0.2	460.2	0.04	97.93
118.0-119.0	1.8	0.2	460.4	0.04	97.97
119.0-120.0	1.9	0.2	460.6	0.04	98.00
120.0-121.0	1.9	0.2	460.8	0.04	98.04
121.0-122.0	1.9	0.2	460.9	0.04	98.08
122.0-123.0	1.9	0.2	461.1	0.04	98.12
123.0-124.0	1.9	0.2	461.3	0.04	98.15
124.0-125.0	2.0	0.2	461.5	0.04	98.19
125.0-126.0	2.0	0.2	461.6	0.04	98.23
126.0-127.0	2.0	0.2	461.8	0.04	98.27
127.0-128.0	2.0	0.2	462.0	0.04	98.30
128.0-129.0	2.1	0.2	462.2	0.04	98.34
129.0-130.0	2.1	0.2	462.4	0.04	98.38
130.0-131.0	2.2	0.2	462.5	0.04	98.42
131.0-132.0	2.2	0.2	462.7	0.04	98.46
132.0-133.0	2.3	0.2	462.9	0.04	98.50
133.0-134.0	2.3	0.2	463.1	0.04	98.54
134.0-135.0	2.4	0.2	463.3	0.04	98.58
135.0-136.0	2.5	0.2	463.5	0.04	98.62
136.0-137.0	2.5	0.2	463.6	0.04	98.66
137.0-138.0	2.6	0.2	463.8	0.04	98.70
138.0-139.0	2.7	0.2	464.0	0.04	98.74
139.0-140.0	2.8	0.2	464.2	0.04	98.78
140.0-141.0	2.9	0.2	464.4	0.04	98.82
141.0-142.0	2.9	0.2	464.6	0.04	98.87
142.0-143.0	3.0	0.2	464.8	0.04	98.91
143.0-144.0	3.1	0.2	465.0	0.04	98.95

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 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.2	0.2	465.2	0.04	99.00
145.0-146.0	3.3	0.2	465.5	0.04	99.04
146.0-147.0	3.4	0.2	465.7	0.04	99.08
147.0-148.0	3.5	0.2	465.9	0.04	99.13
148.0-149.0	3.6	0.2	466.1	0.04	99.17
149.0-150.0	3.7	0.2	466.3	0.04	99.22
150.0-151.0	3.8	0.2	466.5	0.04	99.26
151.0-152.0	3.9	0.2	466.7	0.04	99.30
152.0-153.0	4.0	0.2	466.9	0.04	99.35
153.0-154.0	4.1	0.2	467.1	0.04	99.39
154.0-155.0	4.2	0.2	467.3	0.04	99.43
155.0-156.0	4.2	0.2	467.5	0.04	99.47
156.0-157.0	4.3	0.2	467.7	0.04	99.51
157.0-158.0	4.4	0.2	467.9	0.04	99.55
158.0-159.0	4.4	0.2	468.0	0.04	99.59
159.0-160.0	4.5	0.2	468.2	0.04	99.63
160.0-161.0	4.5	0.2	468.4	0.04	99.66
161.0-162.0	4.6	0.2	468.5	0.03	99.70
162.0-163.0	4.6	0.2	468.7	0.03	99.73
163.0-164.0	4.6	0.1	468.8	0.03	99.76
164.0-165.0	4.7	0.1	469.0	0.03	99.79
165.0-166.0	4.7	0.1	469.1	0.03	99.81
166.0-167.0	4.7	0.1	469.2	0.03	99.84
167.0-168.0	4.7	0.1	469.3	0.02	99.86
168.0-169.0	4.7	0.1	469.4	0.02	99.89
169.0-170.0	4.7	0.1	469.5	0.02	99.91
170.0-171.0	4.7	0.1	469.6	0.02	99.92
171.0-172.0	4.7	0.1	469.7	0.02	99.94
172.0-173.0	4.6	0.1	469.7	0.01	99.95
173.0-174.0	4.6	0.1	469.8	0.01	99.97
174.0-175.0	4.6	0.0	469.9	0.01	99.98
175.0-176.0	4.6	0.0	469.9	0.01	99.99
176.0-177.0	4.6	0.0	469.9	0.01	99.99
177.0-178.0	4.6	0.0	469.9	0.00	100.00
178.0-179.0	4.6	0.0	470.0	0.00	100.00
179.0-180.0	4.6	0.0	470.0	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: