

Report No.: 20230811

Test Time: 2023/8/11 16:14

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Pixel Bar

Luminaire Description: Pixel Bar 900 mm Round Milky RGBW

Lamp Description: RGBW+3000

Luminous Width (mm): 40

Voltage: 219.4 V

Power: 23.18 W

Luminous Length (mm): 900

Luminous Height (mm): 30

Current: 0.110 A

Power Factor: 0.963

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 589.7 lm

Downward Ratio: 81%

Horizontal Diffuse Angle(10%,50%): H158.4,H111

Vertical Diffuse Angle(10%,50%): V292.3,V181.9

Luminaire Efficacy Rating (LER): 25

Max. Intensity: 121.55 cd

Total Rated Lamp Lumens: 589.7 lm

Efficiency: 100%

Upward Ratio: 19%

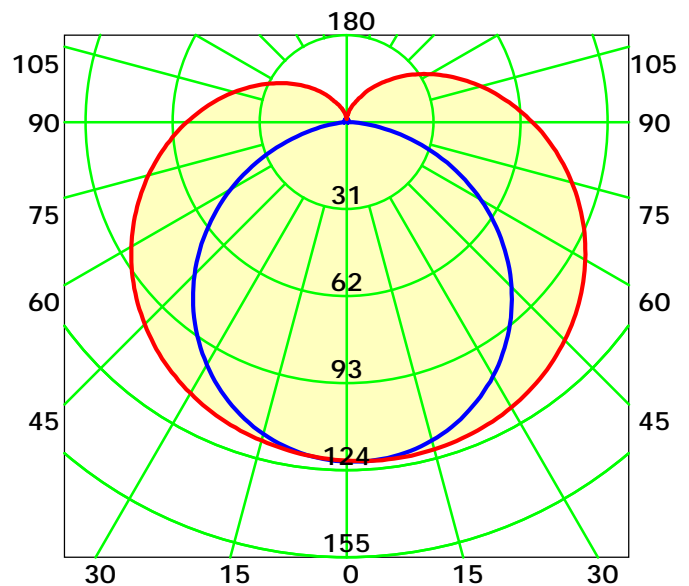
Central Intensity: 121.42 cd

Pos of Max. Intensity: H90 V6

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 146.5° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

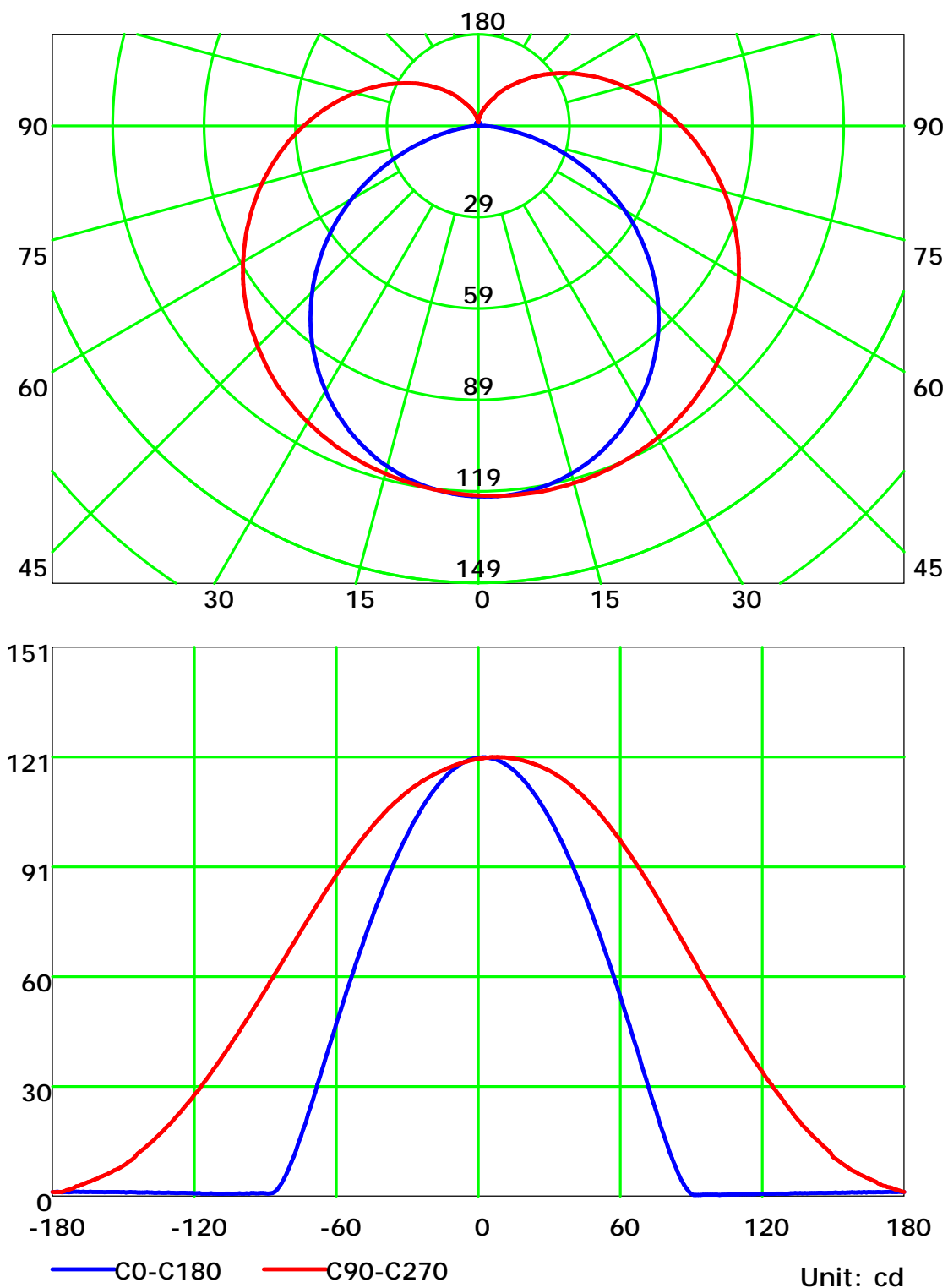
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

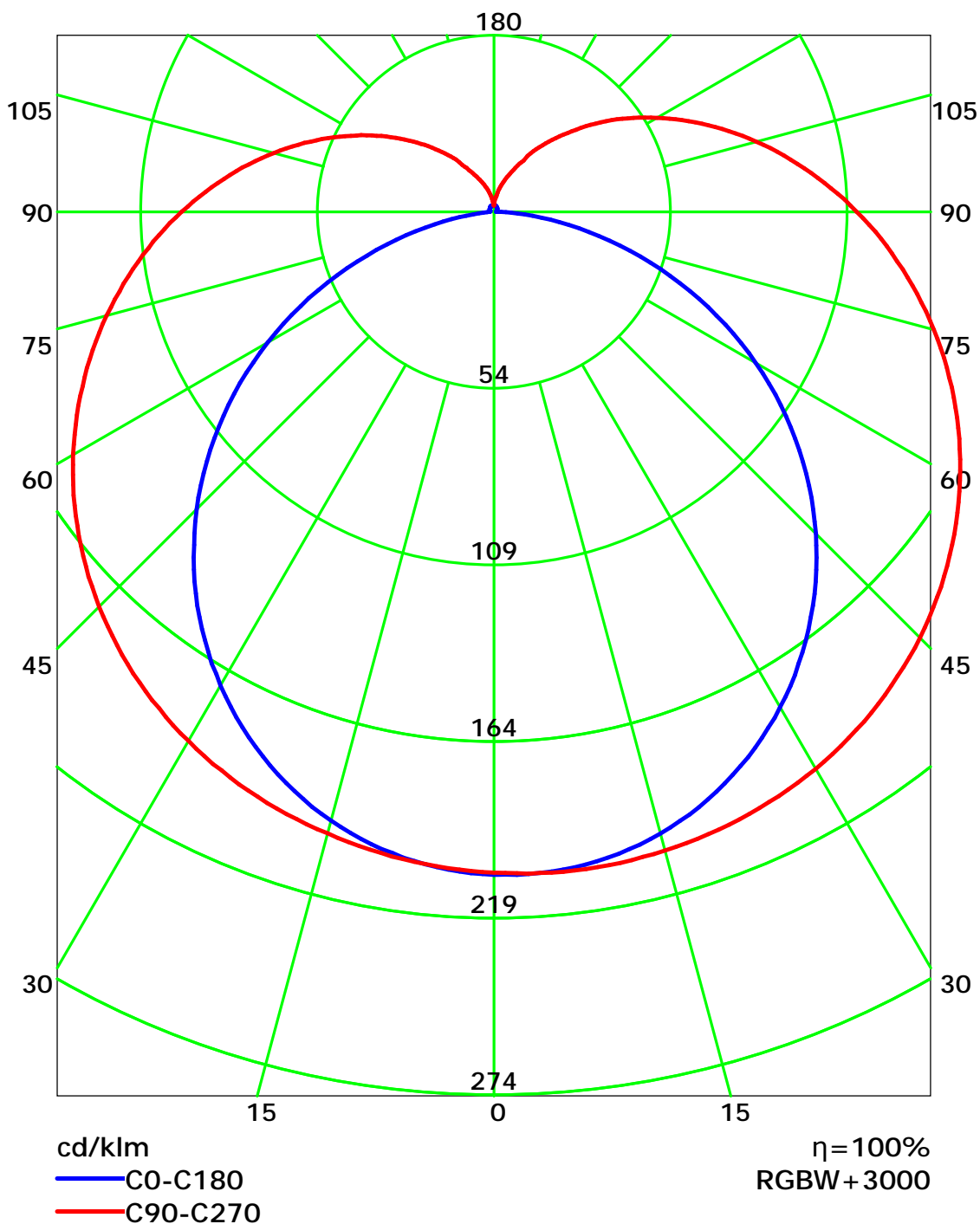
Luminous Intensity Distribution Curve



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

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: Nick

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

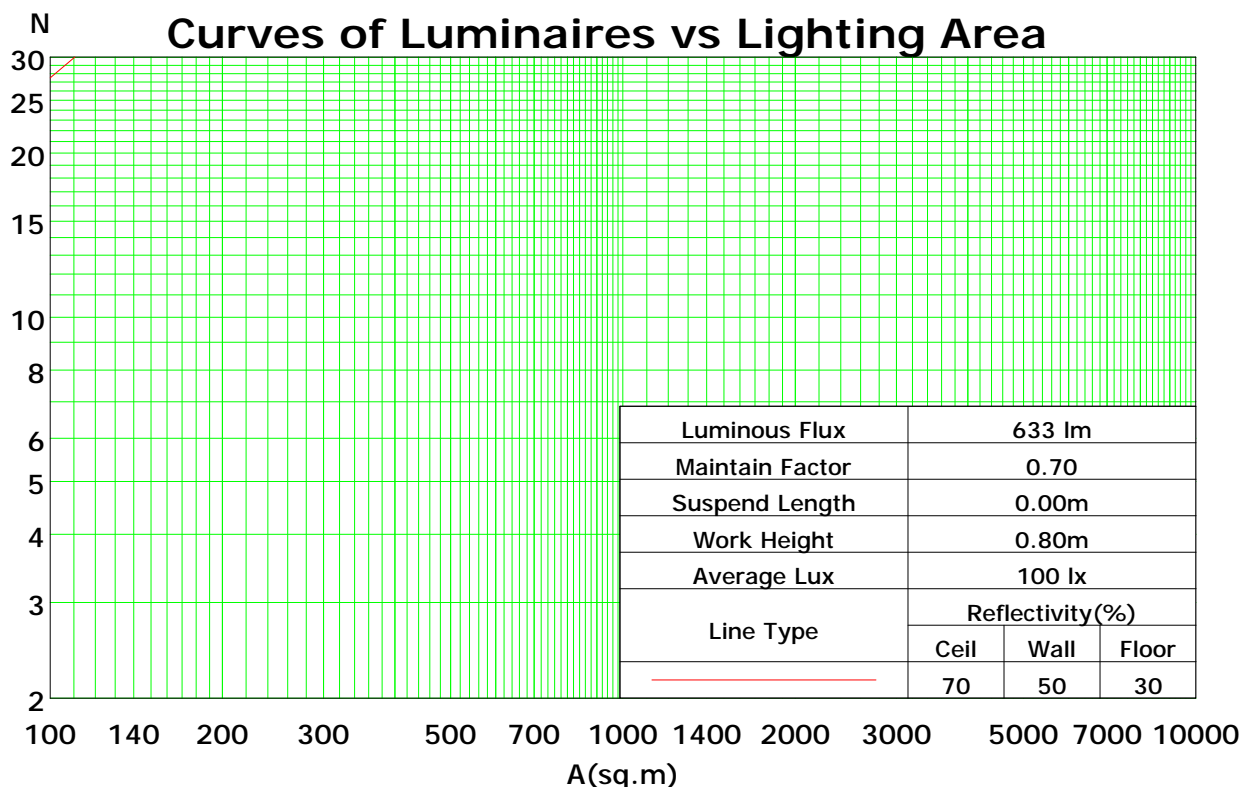
Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	110	110	110	110	101	101	101	92	92	92	85	85	85	81
1	101	95	90	85	96	91	86	82	83	79	76	76	73	70	69	67	65	61
2	91	81	73	67	86	78	70	64	71	65	60	65	60	56	59	55	52	48
3	82	70	61	54	78	67	59	52	62	55	49	56	51	46	51	47	43	39
4	75	62	52	45	71	59	50	44	54	47	41	50	43	38	45	40	36	33
5	68	55	45	38	65	52	44	37	48	41	35	44	38	33	40	35	31	28
6	63	49	39	33	60	47	38	32	43	36	30	40	33	28	36	31	27	24
7	58	44	35	29	55	42	34	28	39	32	26	36	30	25	33	28	23	21
8	54	40	31	25	51	39	30	25	36	28	23	33	27	22	30	25	21	19
9	50	37	28	22	48	35	27	22	33	26	21	30	24	20	28	23	19	17
10	47	34	26	20	45	32	25	20	30	23	19	28	22	18	26	21	17	15

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.43

Spacing Criteria (Diagonal): 1.49



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

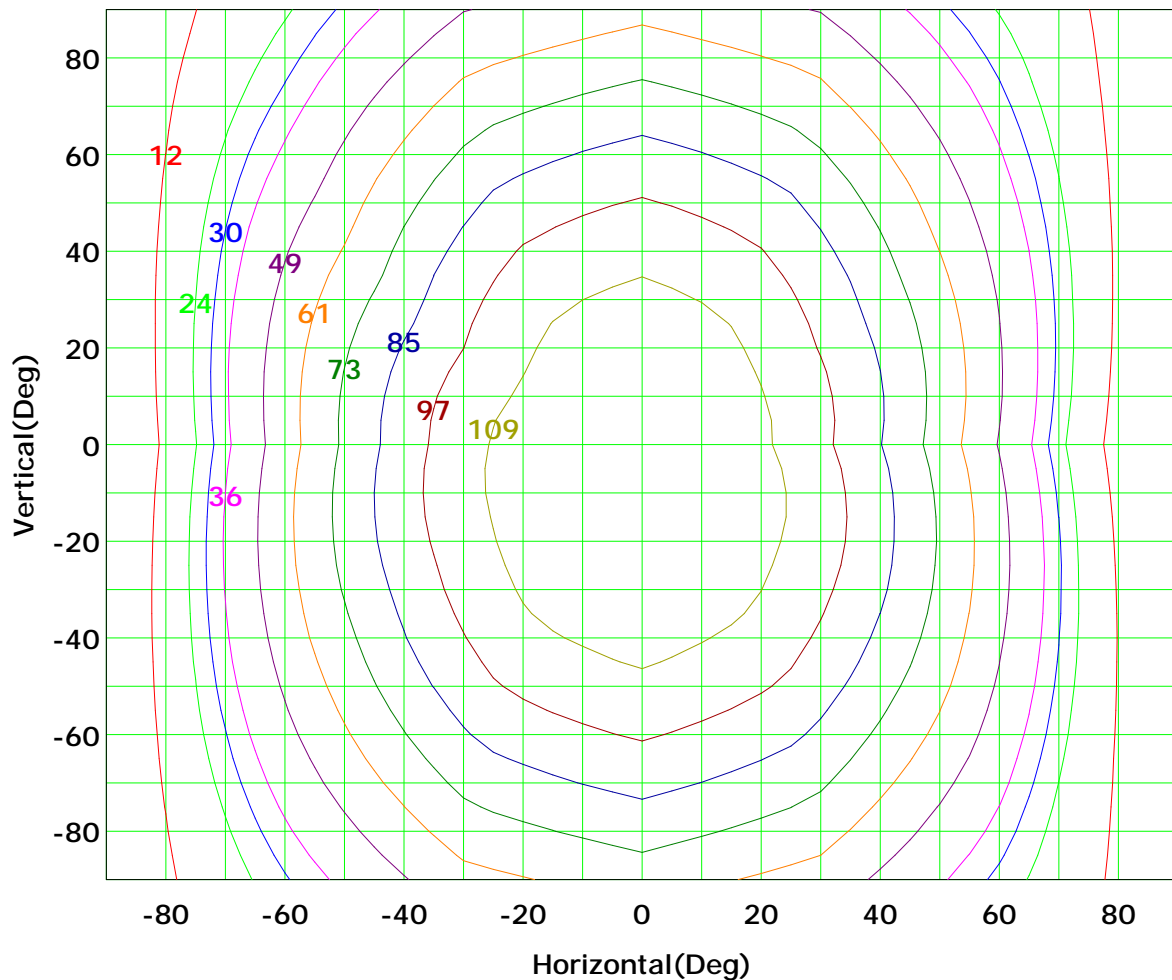
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



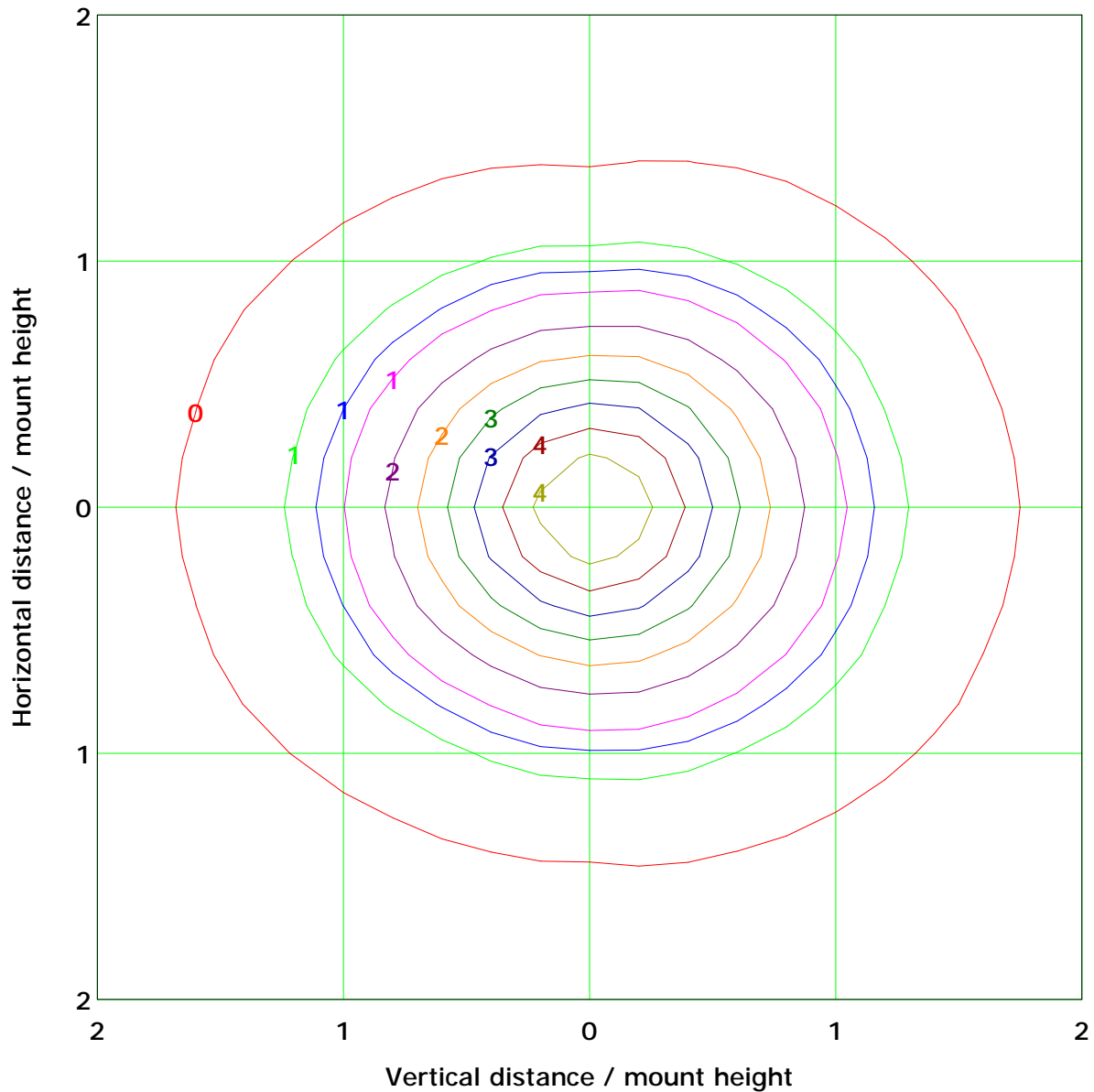
I_{max} (100%): 122 cd

(10%):	12 cd	(20%):	24 cd
(25%):	30 cd	(30%):	36 cd
(40%):	49 cd	(50%):	61 cd
(60%):	73 cd	(70%):	85 cd
(80%):	97 cd	(90%):	109 cd

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

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%): 4.9 lx

(10%): 0.5 lx	(20%): 1.0 lx
(25%): 1.2 lx	(30%): 1.5 lx
(40%): 1.9 lx	(50%): 2.4 lx
(60%): 2.9 lx	(70%): 3.4 lx
(80%): 3.9 lx	(90%): 4.4 lx

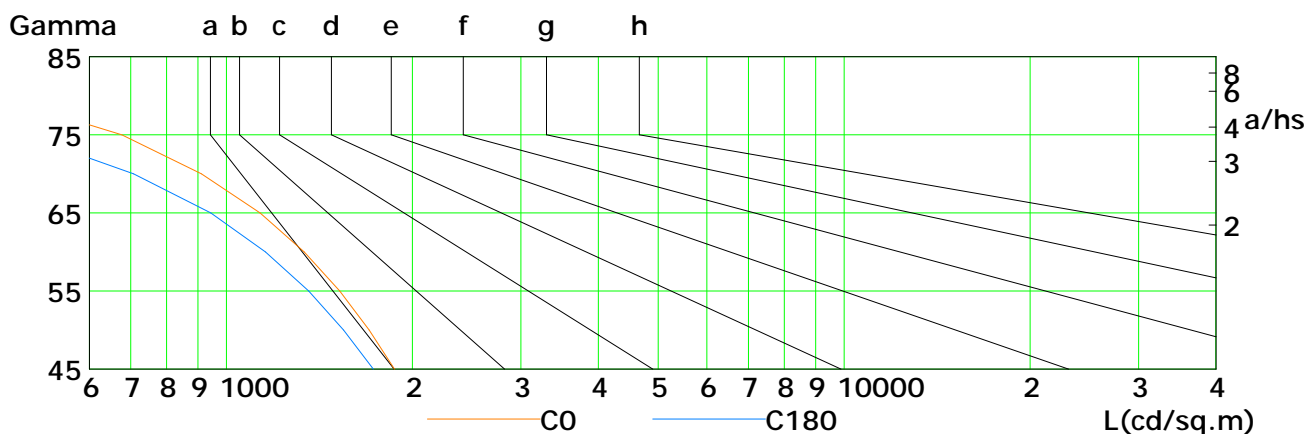
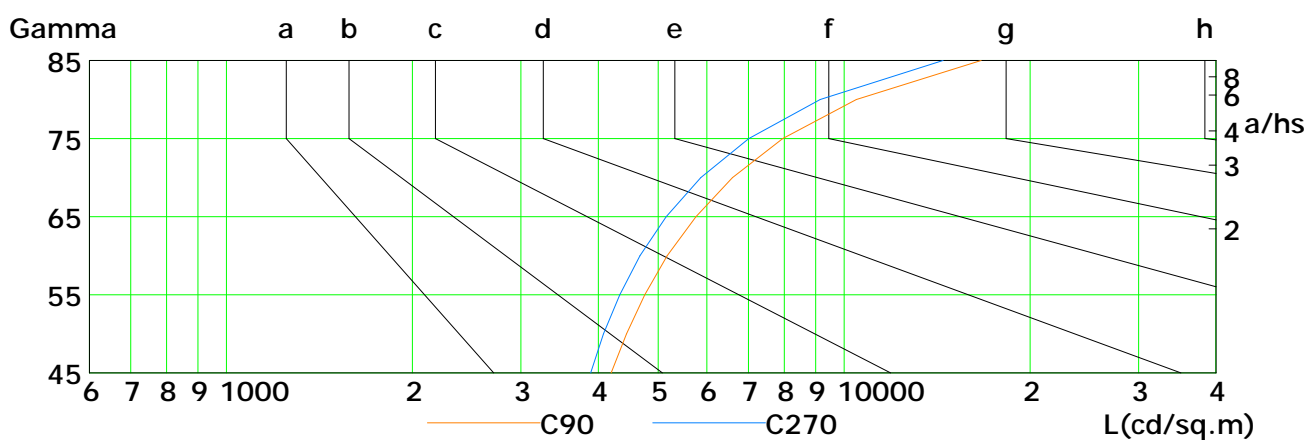
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

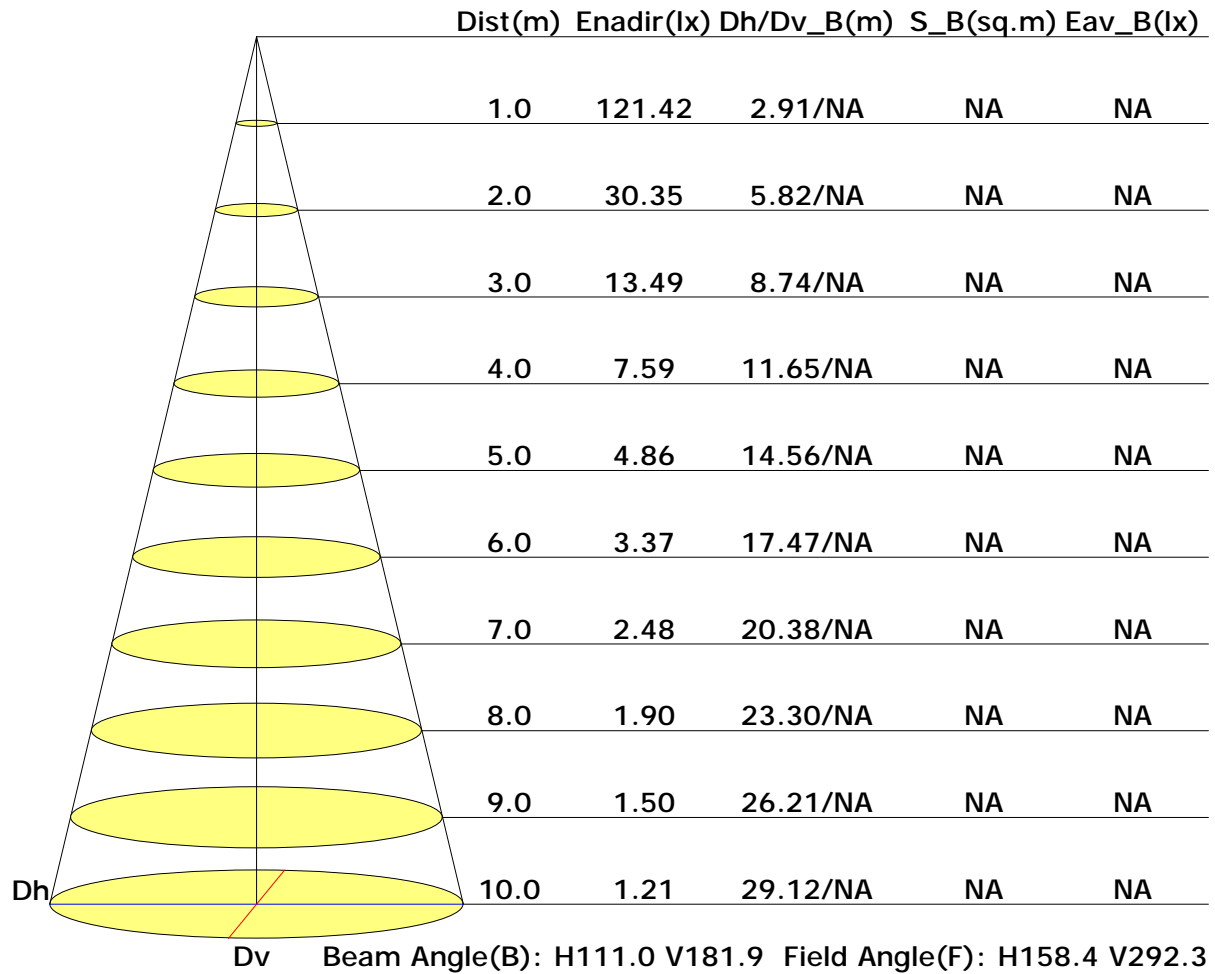


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1872	1704	1527	1338	1133	912	677	424	189
C90	4196	4443	4758	5174	5756	6600	7960	10473	16670
C180	1729	1548	1359	1157	943	708	471	240	67
C270	3888	4081	4334	4675	5152	5860	7012	9148	14468

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

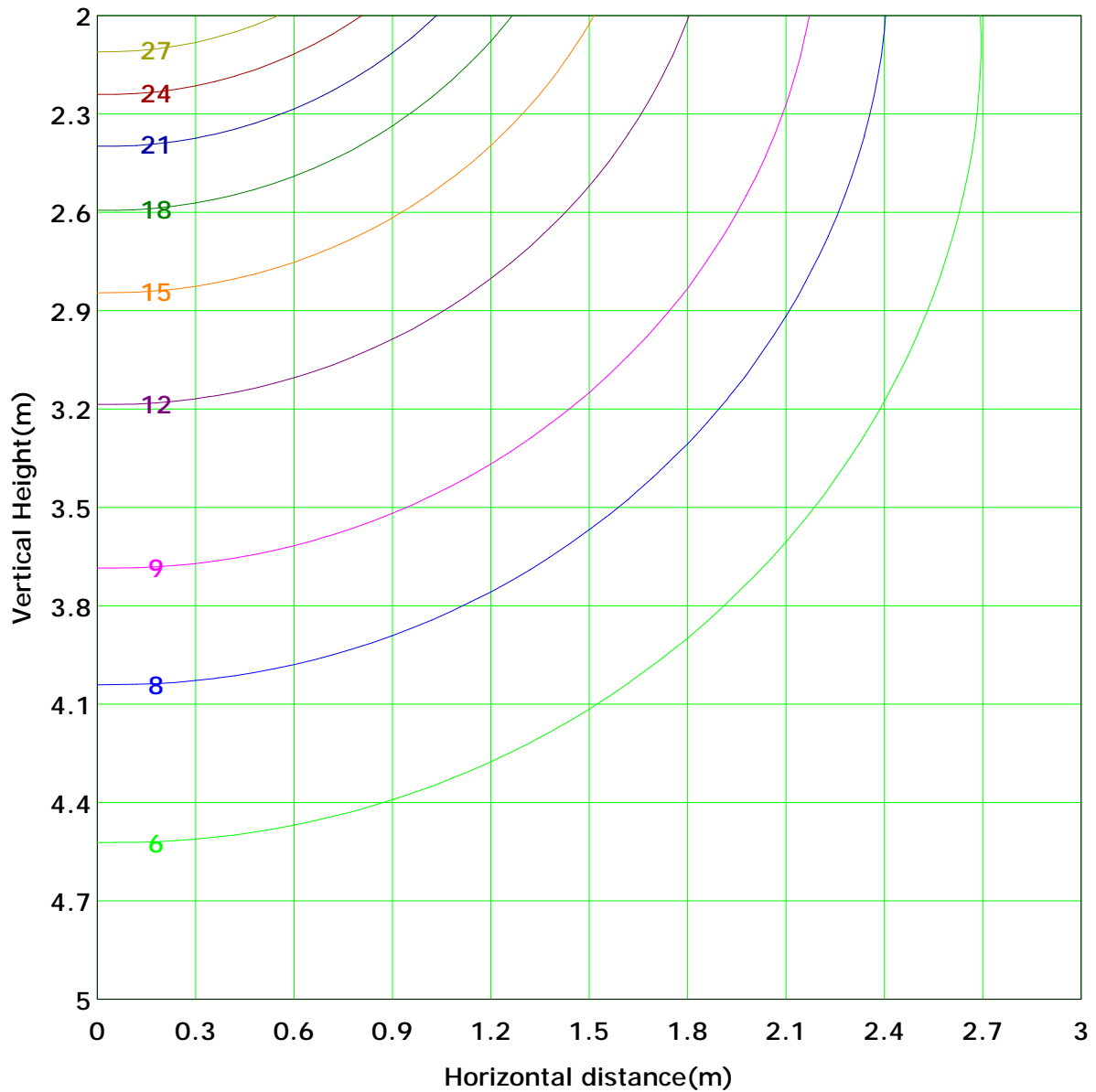
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 30.4 lx
(10%): 3.0 lx	(20%): 6.1 lx	(30%): 9.1 lx
(25%): 7.6 lx	(40%): 12.1 lx	(50%): 15.2 lx
(60%): 18.2 lx	(70%): 21.2 lx	(80%): 24.3 lx
(90%): 27.3 lx		

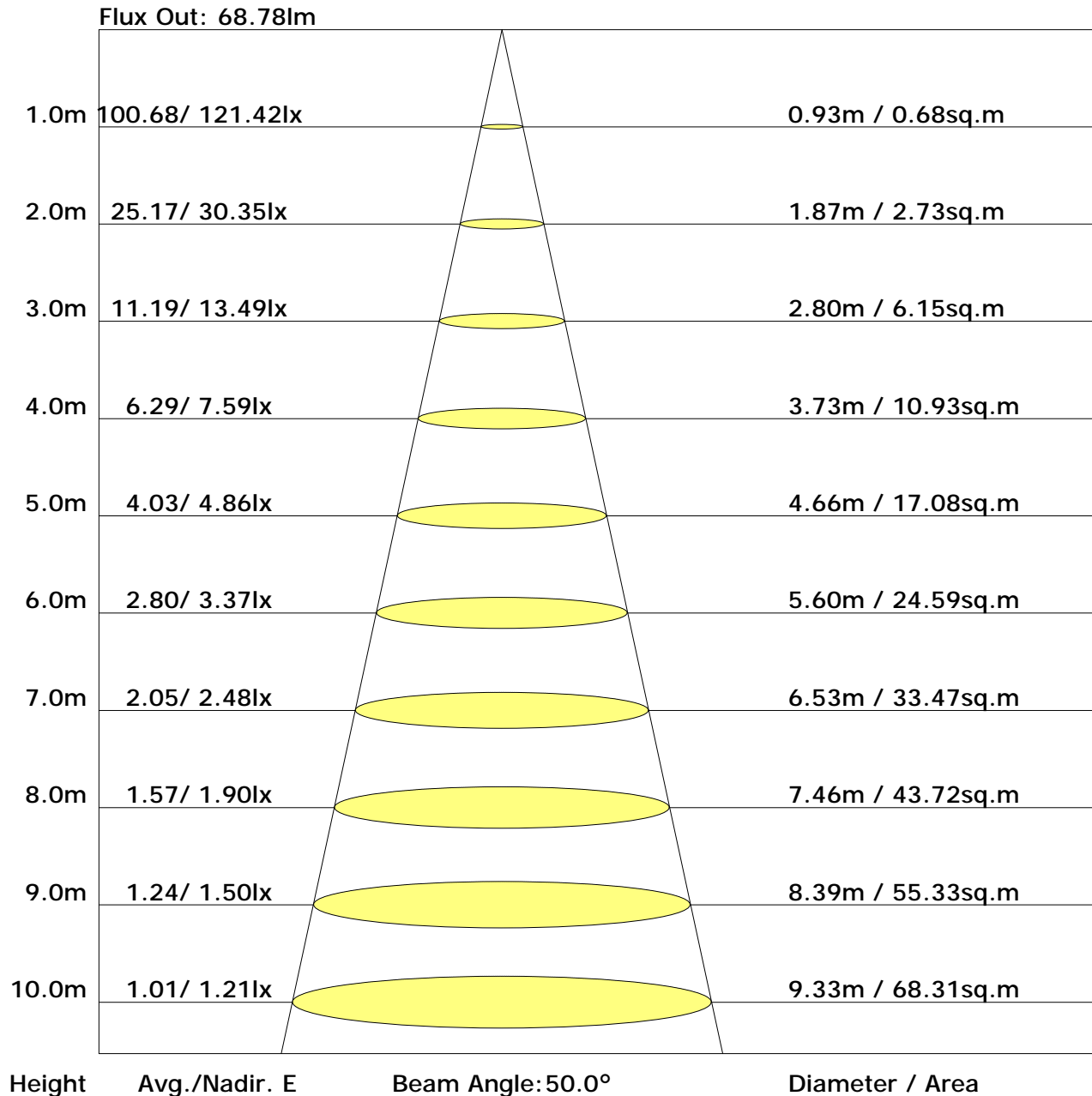
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: Nick

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	15.1	16.4	15.7	17.1	17.8	16.2	17.6	16.8	18.2	18.9
3H	17.0	18.2	17.6	18.9	19.6	18.7	20.0	19.3	20.6	21.4
4H	17.7	18.9	18.3	19.5	20.3	19.9	21.1	20.5	21.8	22.5
6H	18.2	19.3	18.9	20.0	20.8	21.1	22.2	21.7	22.9	23.7
8H	18.4	19.4	19.0	20.1	20.9	21.6	22.7	22.3	23.4	24.2
12H	18.5	19.5	19.1	20.2	21.0	22.2	23.2	22.8	23.9	24.7
X=4H Y=2H	15.8	17.0	16.5	17.7	18.5	16.8	18.0	17.4	18.7	19.4
3H	18.0	19.0	18.7	19.7	20.5	19.6	20.6	20.3	21.3	22.1
4H	18.9	19.8	19.6	20.5	21.4	21.0	21.9	21.7	22.6	23.5
6H	19.6	20.4	20.3	21.2	22.0	22.3	23.2	23.0	23.9	24.7
8H	19.8	20.6	20.5	21.4	22.2	23.0	23.8	23.7	24.5	25.4
12H	20.0	20.7	20.7	21.5	22.3	23.6	24.4	24.4	25.1	26.0
X=8H Y=4H	19.5	20.3	20.2	21.1	21.9	21.4	22.2	22.1	22.9	23.7
6H	20.5	21.2	21.2	21.9	22.8	22.9	23.6	23.7	24.4	25.3
8H	20.9	21.5	21.6	22.3	23.1	23.8	24.4	24.5	25.1	26.0
12H	21.2	21.7	21.9	22.5	23.4	24.6	25.1	25.3	25.9	26.8
X=12H Y=4H	19.7	20.4	20.4	21.2	22.0	21.4	22.1	22.1	22.9	23.7
6H	20.8	21.4	21.5	22.1	23.0	23.1	23.7	23.8	24.4	25.3
8H	21.3	21.8	22.0	22.6	23.5	24.0	24.5	24.7	25.3	26.2

Calculate in accordance with CIE 190:2010

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

 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 = 1.50									
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	0.48	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92	
	0.30		0.40	0.48	0.55	0.60	0.68	0.74	0.78	0.84	0.88	
	0.20		0.34	0.42	0.49	0.54	0.62	0.68	0.73	0.79	0.84	
0.50	0.50	0.20	0.45	0.52	0.58	0.63	0.69	0.74	0.77	0.82	0.85	
	0.30		0.38	0.45	0.51	0.56	0.63	0.68	0.72	0.77	0.81	
	0.20		0.33	0.40	0.46	0.51	0.58	0.64	0.68	0.74	0.78	
0.30	0.50	0.20	0.42	0.48	0.54	0.58	0.64	0.68	0.71	0.75	0.78	
	0.30		0.36	0.42	0.48	0.52	0.59	0.63	0.67	0.71	0.75	
	0.20		0.31	0.37	0.44	0.48	0.55	0.59	0.63	0.68	0.72	
0.00	0.00	0.00	0.27	0.33	0.38	0.42	0.48	0.52	0.55	0.60	0.63	
Rating: 23W 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 = 1.50									
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	1.02	0.88	0.77	0.68	0.56	0.48	0.42	0.34	0.28	
	0.30		0.85	0.76	0.67	0.60	0.51	0.44	0.39	0.32	0.27	
	0.20		0.73	0.66	0.59	0.54	0.46	0.41	0.36	0.30	0.26	
0.50	0.50	0.20	0.95	0.82	0.71	0.63	0.52	0.47	0.39	0.31	0.26	
	0.30		0.80	0.71	0.63	0.57	0.48	0.41	0.36	0.30	0.25	
	0.20		0.69	0.63	0.56	0.51	0.44	0.38	0.34	0.28	0.24	
0.30	0.50	0.20	0.88	0.76	0.66	0.59	0.48	0.41	0.36	0.29	0.25	
	0.30		0.75	0.67	0.59	0.53	0.45	0.39	0.34	0.28	0.24	
	0.20		0.66	0.60	0.53	0.49	0.41	0.36	0.32	0.27	0.23	
0.00	0.00	0.00	0.54	0.49	0.43	0.39	0.33	0.29	0.26	0.21	0.18	
Rating: 23W 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 = 1.50								
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	0.35	0.36	0.37	0.38	0.39	0.39	0.39	0.40	0.40
	0.30		0.28	0.29	0.31	0.31	0.33	0.34	0.35	0.36	0.37
	0.20		0.23	0.24	0.25	0.26	0.28	0.30	0.31	0.32	0.34
0.50	0.50	0.20	0.34	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.38
	0.30		0.27	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.35
	0.20		0.23	0.24	0.25	0.26	0.28	0.29	0.30	0.32	0.33
0.30	0.50	0.20	0.33	0.34	0.34	0.35	0.36	0.36	0.36	0.37	0.37
	0.30		0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.33	0.34
	0.20		0.22	0.24	0.25	0.26	0.27	0.28	0.29	0.31	0.32
0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Rating: 23W 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	121.1	0.1	0.1	0.02	0.02
1.0-2.0	121.1	0.3	0.5	0.06	0.08
2.0-3.0	121.1	0.6	1.0	0.10	0.18
3.0-4.0	121.0	0.8	1.9	0.14	0.31
4.0-5.0	120.9	1.0	2.9	0.18	0.49
5.0-6.0	120.7	1.3	4.2	0.22	0.71
6.0-7.0	120.6	1.5	5.7	0.25	0.96
7.0-8.0	120.4	1.7	7.4	0.29	1.25
8.0-9.0	120.2	1.9	9.3	0.33	1.58
9.0-10.0	119.9	2.2	11.5	0.37	1.95
10.0-11.0	119.6	2.4	13.9	0.41	2.36
11.0-12.0	119.3	2.6	16.5	0.44	2.80
12.0-13.0	119.0	2.8	19.3	0.48	3.28
13.0-14.0	118.6	3.0	22.4	0.51	3.79
14.0-15.0	118.2	3.2	25.6	0.55	4.34
15.0-16.0	117.8	3.5	29.1	0.59	4.93
16.0-17.0	117.4	3.7	32.7	0.62	5.55
17.0-18.0	116.9	3.9	36.6	0.65	6.20
18.0-19.0	116.4	4.1	40.6	0.69	6.89
19.0-20.0	115.9	4.2	44.9	0.72	7.61
20.0-21.0	115.3	4.4	49.3	0.75	8.36
21.0-22.0	114.7	4.6	53.9	0.78	9.14
22.0-23.0	114.1	4.8	58.7	0.81	9.95
23.0-24.0	113.5	5.0	63.6	0.84	10.79
24.0-25.0	112.8	5.1	68.8	0.87	11.66
25.0-26.0	112.2	5.3	74.1	0.90	12.56
26.0-27.0	111.5	5.5	79.5	0.92	13.49
27.0-28.0	110.7	5.6	85.1	0.95	14.44
28.0-29.0	110.0	5.8	90.9	0.98	15.41
29.0-30.0	109.2	5.9	96.8	1.00	16.41
30.0-31.0	108.4	6.0	102.8	1.02	17.44
31.0-32.0	107.6	6.2	109.0	1.05	18.48
32.0-33.0	106.7	6.3	115.3	1.07	19.55
33.0-34.0	105.8	6.4	121.7	1.09	20.63
34.0-35.0	104.9	6.5	128.2	1.11	21.74
35.0-36.0	104.0	6.6	134.8	1.12	22.86

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

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	103.0	6.7	141.5	1.14	24.00
37.0-38.0	102.1	6.8	148.3	1.16	25.16
38.0-39.0	101.1	6.9	155.2	1.17	26.33
39.0-40.0	100.1	7.0	162.2	1.18	27.51
40.0-41.0	99.0	7.1	169.3	1.20	28.71
41.0-42.0	97.9	7.1	176.4	1.21	29.91
42.0-43.0	96.9	7.2	183.6	1.22	31.13
43.0-44.0	95.8	7.2	190.8	1.23	32.36
44.0-45.0	94.7	7.3	198.1	1.23	33.59
45.0-46.0	93.5	7.3	205.4	1.24	34.83
46.0-47.0	92.4	7.3	212.7	1.25	36.08
47.0-48.0	91.2	7.4	220.1	1.25	37.33
48.0-49.0	90.0	7.4	227.5	1.25	38.58
49.0-50.0	88.8	7.4	234.9	1.26	39.84
50.0-51.0	87.5	7.4	242.3	1.26	41.09
51.0-52.0	86.3	7.4	249.7	1.26	42.35
52.0-53.0	85.0	7.4	257.1	1.25	43.60
53.0-54.0	83.7	7.4	264.5	1.25	44.85
54.0-55.0	82.5	7.4	271.9	1.25	46.10
55.0-56.0	81.2	7.3	279.2	1.24	47.35
56.0-57.0	79.8	7.3	286.5	1.24	48.58
57.0-58.0	78.5	7.3	293.8	1.23	49.82
58.0-59.0	77.2	7.2	301.0	1.22	51.04
59.0-60.0	75.8	7.2	308.1	1.21	52.25
60.0-61.0	74.4	7.1	315.2	1.21	53.46
61.0-62.0	73.1	7.0	322.3	1.19	54.65
62.0-63.0	71.7	7.0	329.3	1.18	55.84
63.0-64.0	70.3	6.9	336.2	1.17	57.01
64.0-65.0	68.9	6.8	343.0	1.16	58.16
65.0-66.0	67.5	6.7	349.7	1.14	59.31
66.0-67.0	66.1	6.7	356.4	1.13	60.44
67.0-68.0	64.8	6.6	362.9	1.11	61.55
68.0-69.0	63.4	6.5	369.4	1.10	62.64
69.0-70.0	61.9	6.4	375.8	1.08	63.72
70.0-71.0	60.6	6.3	382.0	1.06	64.79
71.0-72.0	59.2	6.2	388.2	1.04	65.83

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

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	57.8	6.0	394.2	1.02	66.85
73.0-74.0	56.4	5.9	400.1	1.01	67.86
74.0-75.0	55.0	5.8	406.0	0.99	68.85
75.0-76.0	53.7	5.7	411.7	0.97	69.81
76.0-77.0	52.3	5.6	417.2	0.95	70.76
77.0-78.0	51.0	5.5	422.7	0.93	71.68
78.0-79.0	49.6	5.3	428.0	0.90	72.59
79.0-80.0	48.4	5.2	433.2	0.88	73.47
80.0-81.0	47.1	5.1	438.3	0.86	74.34
81.0-82.0	45.8	5.0	443.3	0.84	75.18
82.0-83.0	44.6	4.9	448.2	0.82	76.00
83.0-84.0	43.4	4.7	452.9	0.80	76.80
84.0-85.0	42.3	4.6	457.5	0.78	77.59
85.0-86.0	41.2	4.5	462.0	0.76	78.35
86.0-87.0	40.1	4.4	466.4	0.74	79.09
87.0-88.0	39.1	4.3	470.7	0.73	79.82
88.0-89.0	38.1	4.2	474.8	0.71	80.53
89.0-90.0	37.1	4.1	478.9	0.69	81.22
90.0-91.0	36.2	4.0	482.9	0.67	81.89
91.0-92.0	35.4	3.9	486.7	0.66	82.55
92.0-93.0	34.5	3.8	490.5	0.64	83.19
93.0-94.0	33.7	3.7	494.2	0.63	83.81
94.0-95.0	32.9	3.6	497.8	0.61	84.42
95.0-96.0	32.1	3.5	501.3	0.59	85.02
96.0-97.0	31.3	3.4	504.7	0.58	85.59
97.0-98.0	30.6	3.3	508.1	0.56	86.16
98.0-99.0	29.8	3.2	511.3	0.55	86.71
99.0-100.0	29.1	3.1	514.4	0.53	87.24
100.0-101.0	28.4	3.1	517.5	0.52	87.76
101.0-102.0	27.7	3.0	520.5	0.50	88.26
102.0-103.0	27.0	2.9	523.4	0.49	88.76
103.0-104.0	26.3	2.8	526.2	0.48	89.23
104.0-105.0	25.7	2.7	528.9	0.46	89.69
105.0-106.0	25.1	2.6	531.6	0.45	90.14
106.0-107.0	24.4	2.6	534.1	0.44	90.58
107.0-108.0	23.8	2.5	536.6	0.42	91.00

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

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	23.2	2.4	539.0	0.41	91.41
109.0-110.0	22.6	2.3	541.4	0.40	91.81
110.0-111.0	22.0	2.3	543.6	0.38	92.19
111.0-112.0	21.4	2.2	545.8	0.37	92.56
112.0-113.0	20.9	2.1	547.9	0.36	92.92
113.0-114.0	20.3	2.0	550.0	0.35	93.27
114.0-115.0	19.7	2.0	551.9	0.33	93.60
115.0-116.0	19.2	1.9	553.8	0.32	93.92
116.0-117.0	18.7	1.8	555.7	0.31	94.23
117.0-118.0	18.1	1.8	557.4	0.30	94.53
118.0-119.0	17.6	1.7	559.1	0.29	94.82
119.0-120.0	17.1	1.6	560.8	0.28	95.10
120.0-121.0	16.6	1.6	562.3	0.27	95.36
121.0-122.0	16.1	1.5	563.8	0.26	95.62
122.0-123.0	15.7	1.5	565.3	0.25	95.87
123.0-124.0	15.3	1.4	566.7	0.24	96.10
124.0-125.0	14.8	1.3	568.0	0.23	96.33
125.0-126.0	14.3	1.3	569.3	0.22	96.55
126.0-127.0	13.9	1.2	570.5	0.21	96.75
127.0-128.0	13.4	1.2	571.7	0.20	96.95
128.0-129.0	13.0	1.1	572.8	0.19	97.14
129.0-130.0	12.6	1.1	573.9	0.18	97.32
130.0-131.0	12.1	1.0	574.9	0.17	97.49
131.0-132.0	11.7	1.0	575.8	0.16	97.65
132.0-133.0	11.3	0.9	576.8	0.16	97.81
133.0-134.0	10.9	0.9	577.6	0.15	97.96
134.0-135.0	10.6	0.8	578.4	0.14	98.10
135.0-136.0	10.2	0.8	579.2	0.13	98.23
136.0-137.0	9.9	0.7	580.0	0.13	98.36
137.0-138.0	9.5	0.7	580.7	0.12	98.48
138.0-139.0	9.2	0.7	581.4	0.11	98.59
139.0-140.0	8.9	0.6	582.0	0.11	98.70
140.0-141.0	8.5	0.6	582.6	0.10	98.80
141.0-142.0	8.2	0.6	583.1	0.09	98.89
142.0-143.0	7.9	0.5	583.7	0.09	98.98
143.0-144.0	7.6	0.5	584.2	0.08	99.07

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

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	7.3	0.5	584.6	0.08	99.14
145.0-146.0	7.0	0.4	585.1	0.07	99.22
146.0-147.0	6.6	0.4	585.5	0.07	99.29
147.0-148.0	6.4	0.4	585.8	0.06	99.35
148.0-149.0	6.1	0.4	586.2	0.06	99.41
149.0-150.0	5.8	0.3	586.5	0.06	99.46
150.0-151.0	5.6	0.3	586.8	0.05	99.52
151.0-152.0	5.3	0.3	587.1	0.05	99.56
152.0-153.0	5.1	0.3	587.4	0.04	99.61
153.0-154.0	4.9	0.2	587.6	0.04	99.65
154.0-155.0	4.7	0.2	587.8	0.04	99.68
155.0-156.0	4.5	0.2	588.0	0.03	99.72
156.0-157.0	4.3	0.2	588.2	0.03	99.75
157.0-158.0	4.1	0.2	588.4	0.03	99.78
158.0-159.0	3.9	0.2	588.5	0.03	99.81
159.0-160.0	3.7	0.1	588.7	0.02	99.83
160.0-161.0	3.6	0.1	588.8	0.02	99.85
161.0-162.0	3.4	0.1	588.9	0.02	99.87
162.0-163.0	3.2	0.1	589.0	0.02	99.89
163.0-164.0	3.1	0.1	589.1	0.02	99.91
164.0-165.0	2.9	0.1	589.2	0.01	99.92
165.0-166.0	2.7	0.1	589.3	0.01	99.94
166.0-167.0	2.6	0.1	589.4	0.01	99.95
167.0-168.0	2.4	0.1	589.4	0.01	99.96
168.0-169.0	2.3	0.1	589.5	0.01	99.96
169.0-170.0	2.2	0.0	589.5	0.01	99.97
170.0-171.0	2.0	0.0	589.5	0.01	99.98
171.0-172.0	1.9	0.0	589.6	0.01	99.98
172.0-173.0	1.8	0.0	589.6	0.00	99.99
173.0-174.0	1.7	0.0	589.6	0.00	99.99
174.0-175.0	1.6	0.0	589.6	0.00	99.99
175.0-176.0	1.5	0.0	589.7	0.00	100.00
176.0-177.0	1.4	0.0	589.7	0.00	100.00
177.0-178.0	1.3	0.0	589.7	0.00	100.00
178.0-179.0	1.3	0.0	589.7	0.00	100.00
179.0-180.0	1.3	0.0	589.7	0.00	100.00

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

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