

Report No.:

Test Time: 2023/9/28 15:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: HEXA NODE RGB-1.5W-UCS8903

Luminaire Description: CLEAR FLAT IP67

Lamp Description: 3 nodes R+G+B

Luminous Width (mm): 50

Voltage: 24.0 V

Power: 4.40 W

Lamp Catalog: NODE

Luminous Length (mm): 250

Luminous Height (mm): 30

Current: 0.183 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 133.1 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H148.1,H107

Vertical Diffuse Angle(10%,50%): V148.5,V106.8

Luminaire Efficacy Rating (LER): 30

Max. Intensity: 51.59 cd

Total Rated Lamp Lumens: 133.1 lm

Efficiency: 100%

Upward Ratio: 2%

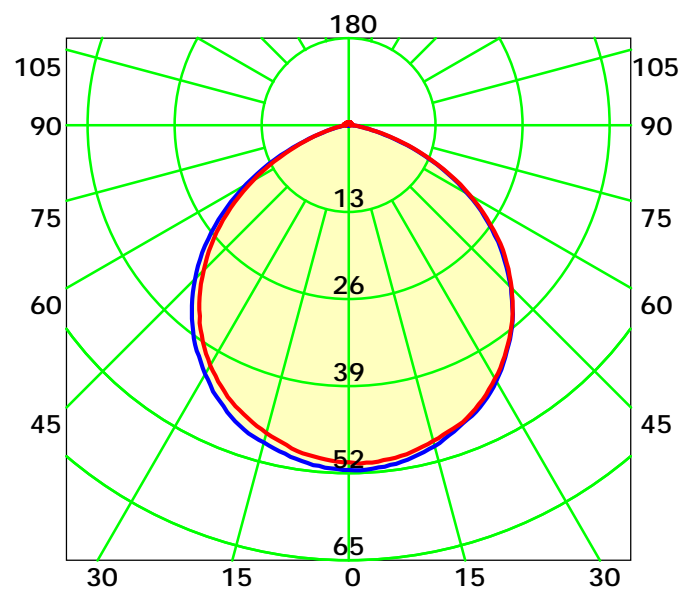
Central Intensity: 51.51 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 106.9° 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

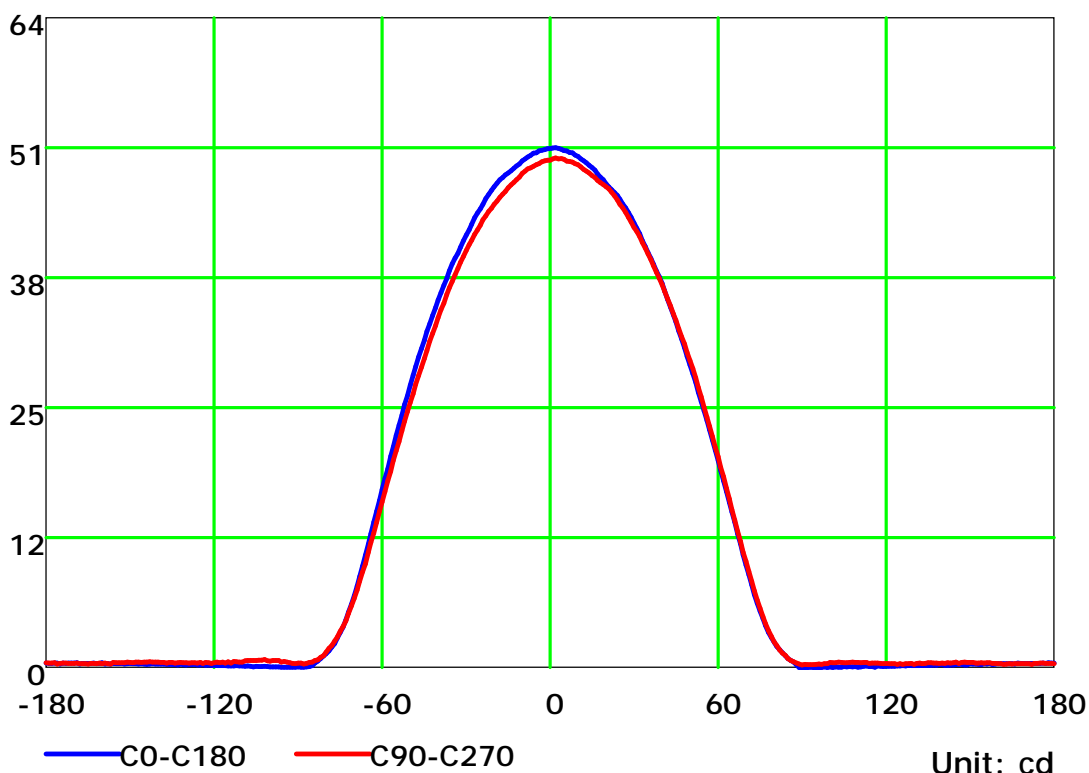
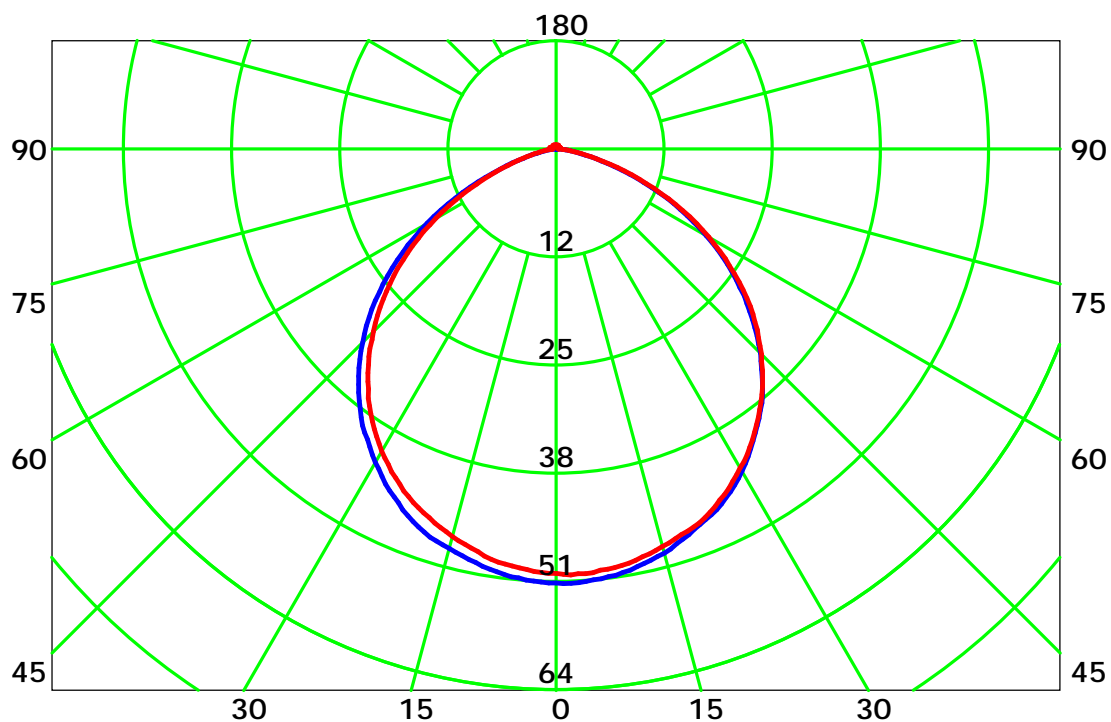
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Luminous Intensity Distribution Curve

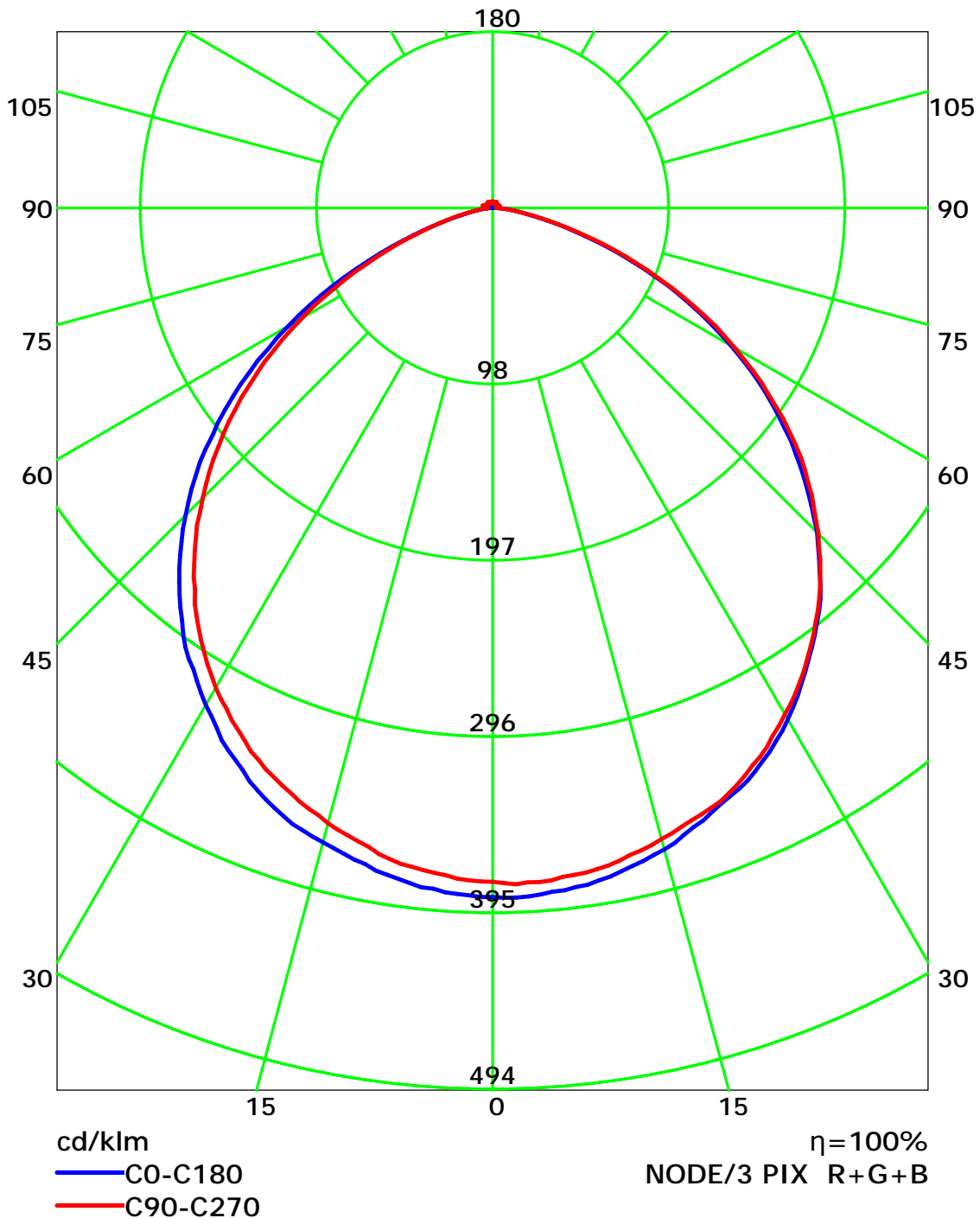


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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:

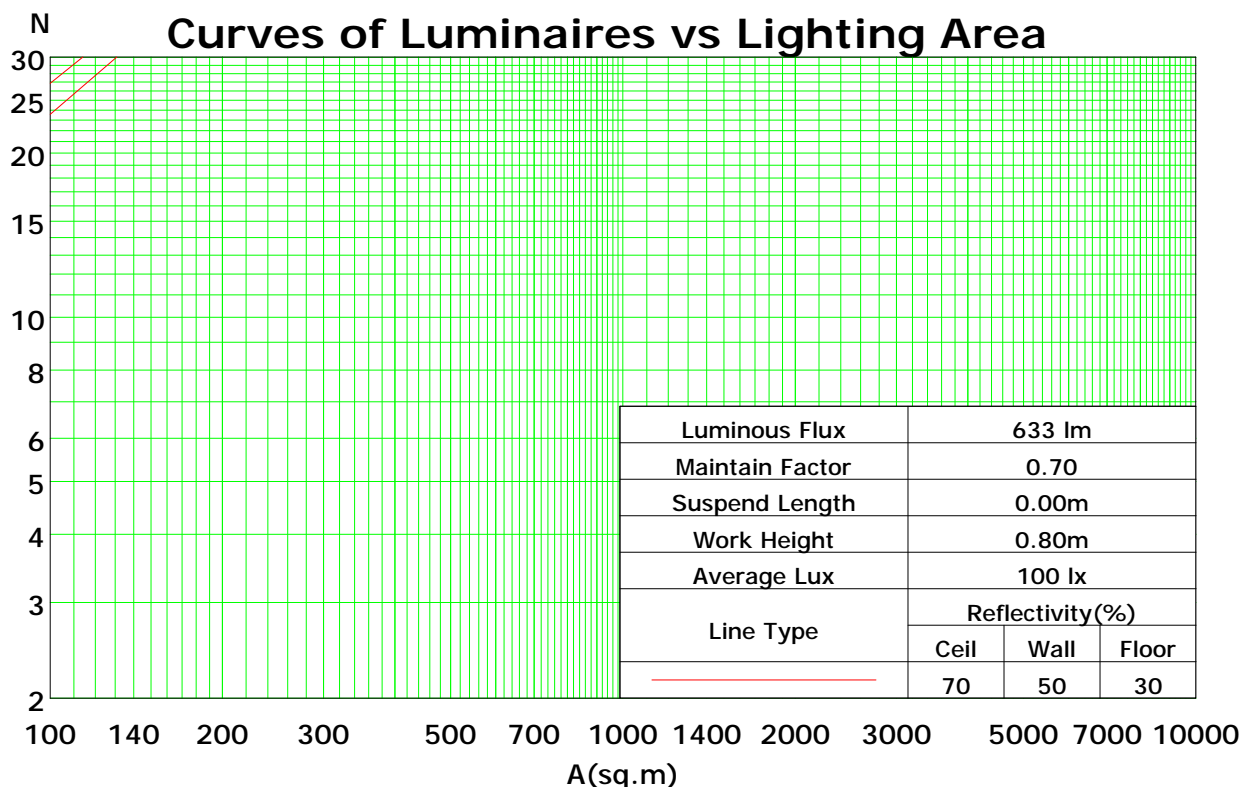
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	109	105	101	98	107	103	99	96	98	95	93	94	92	89	90	88	87	84
2	100	93	86	81	97	91	85	80	87	82	78	83	79	76	80	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	71	67	63	61
4	84	73	64	58	82	71	64	58	69	62	57	66	60	56	64	59	55	53
5	78	65	57	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	52	47	42	40
7	67	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	40	35	30	29
10	54	41	34	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.26

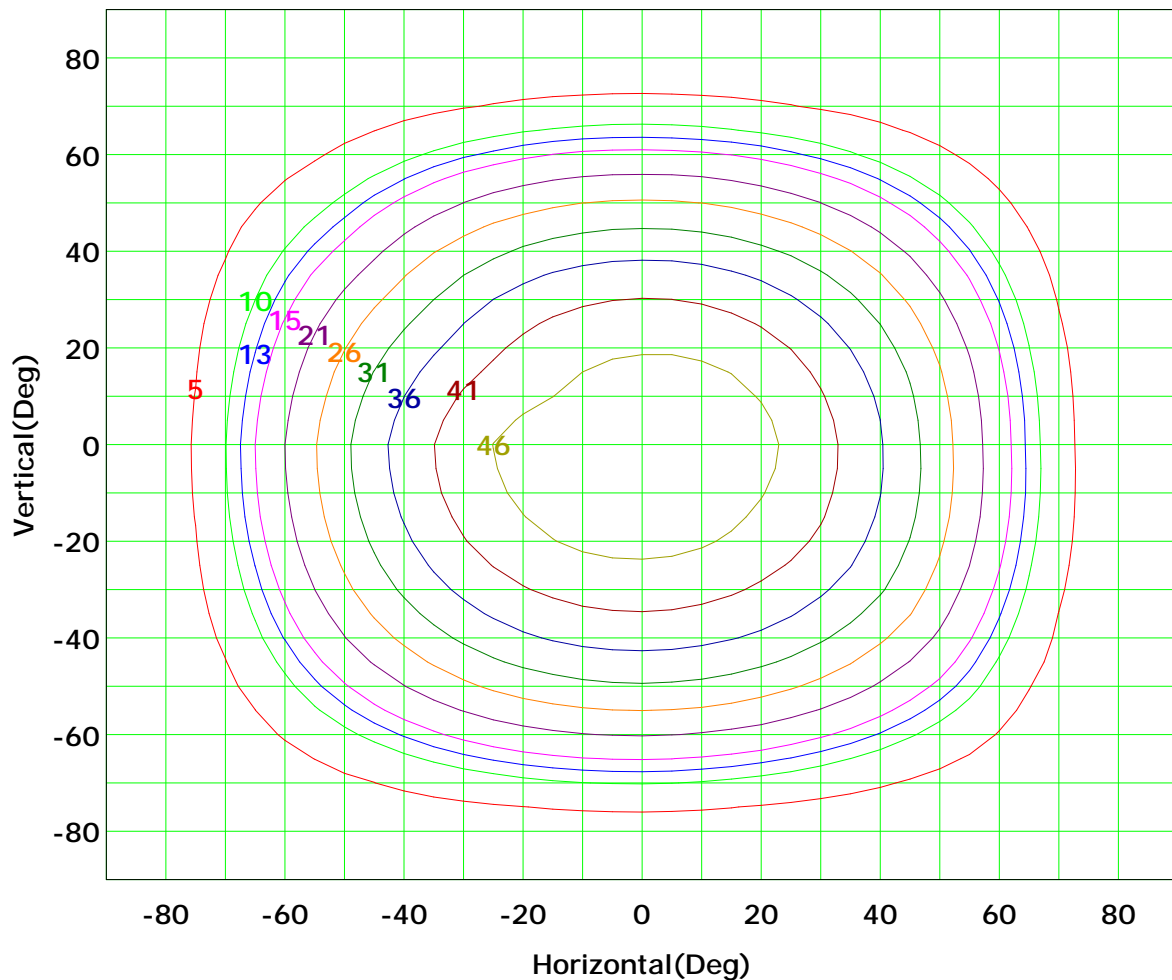
Spacing Criteria (Diagonal): 1.35



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)



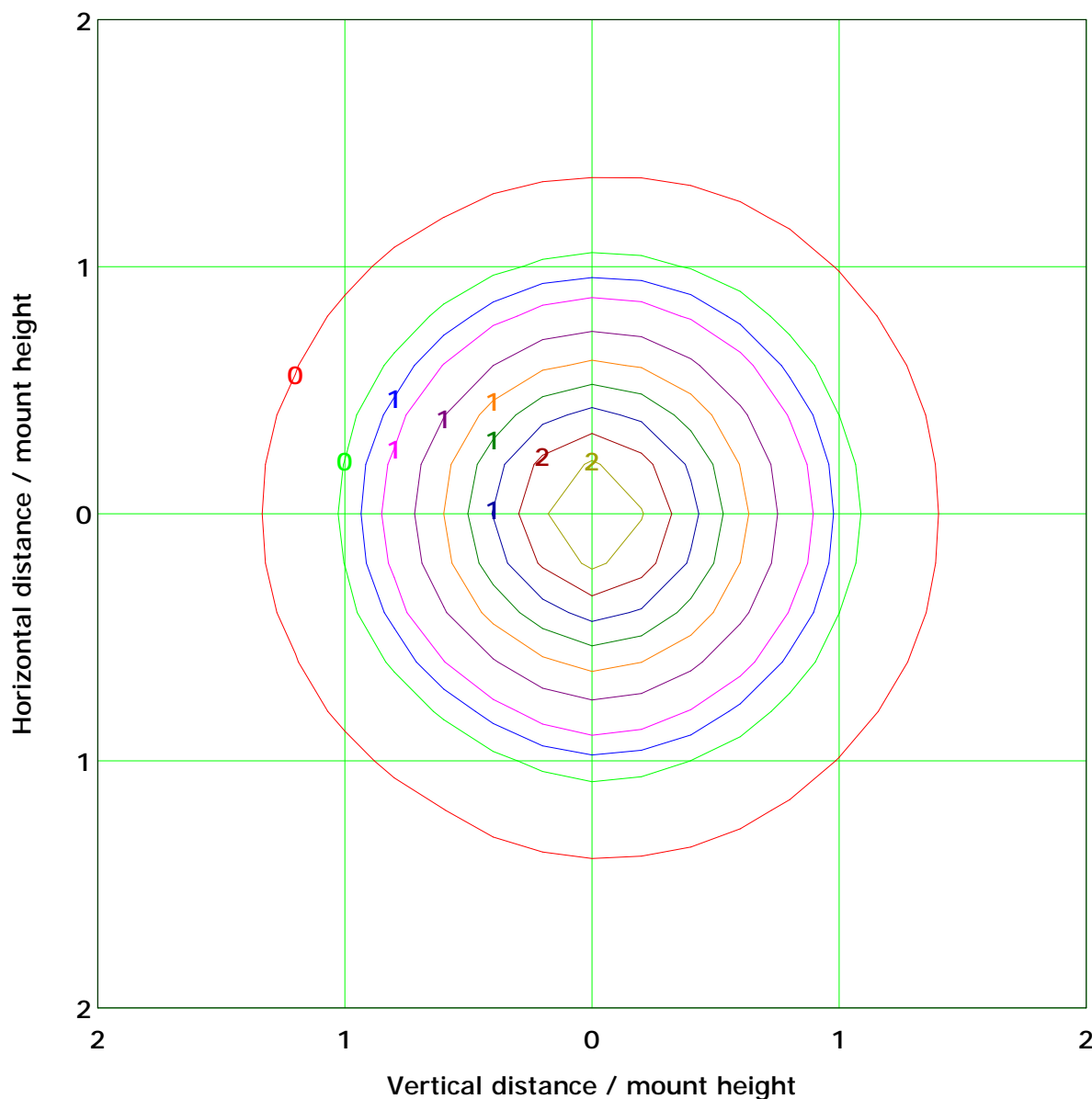
I_{max} (100%): 52 cd

(10%):	5 cd	(20%):	10 cd
(25%):	13 cd	(30%):	15 cd
(40%):	21 cd	(50%):	26 cd
(60%):	31 cd	(70%):	36 cd
(80%):	41 cd	(90%):	46 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%): 2.1 lx

(10%): 0.2 lx	(20%): 0.4 lx
(25%): 0.5 lx	(30%): 0.6 lx
(40%): 0.8 lx	(50%): 1.0 lx
(60%): 1.2 lx	(70%): 1.4 lx
(80%): 1.6 lx	(90%): 1.9 lx

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

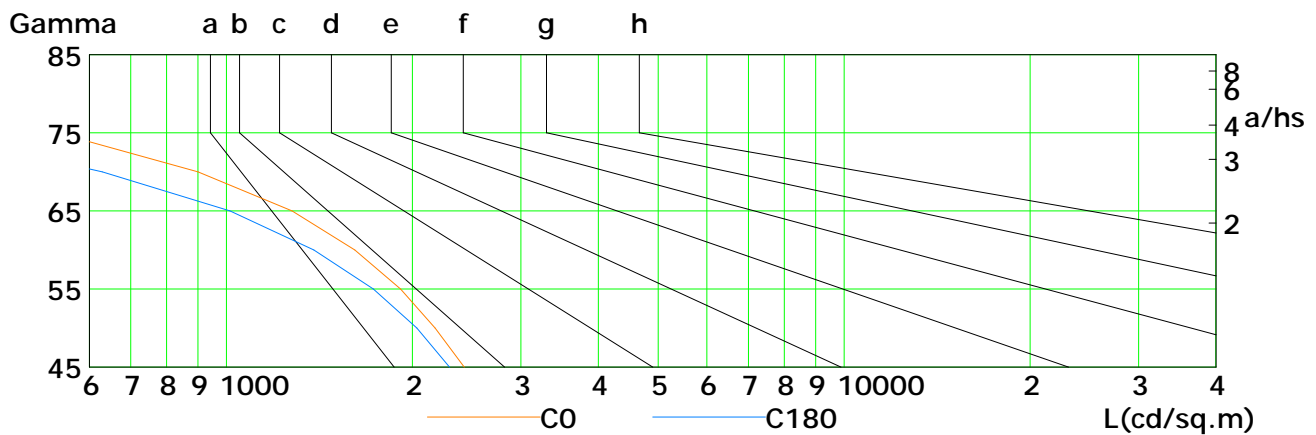
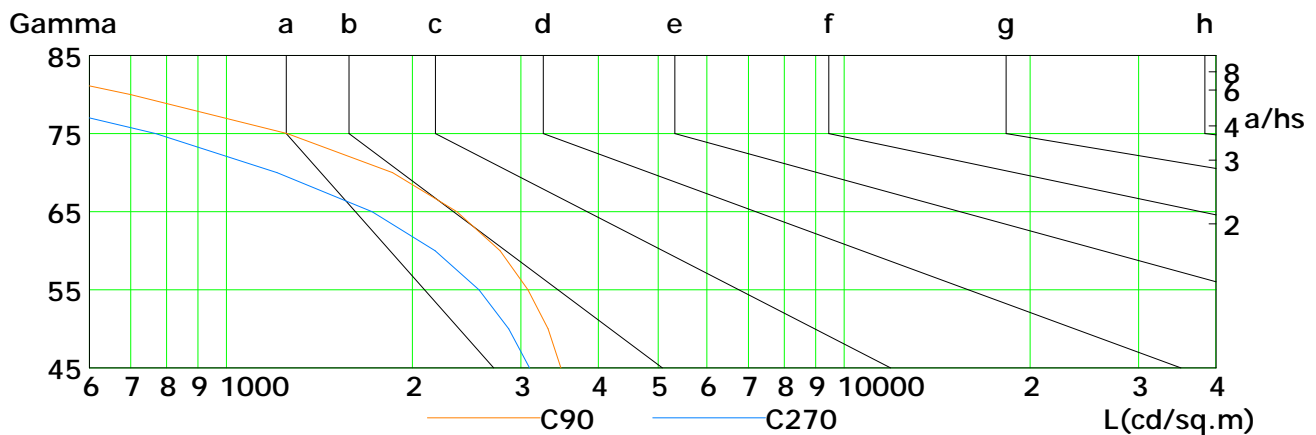
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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

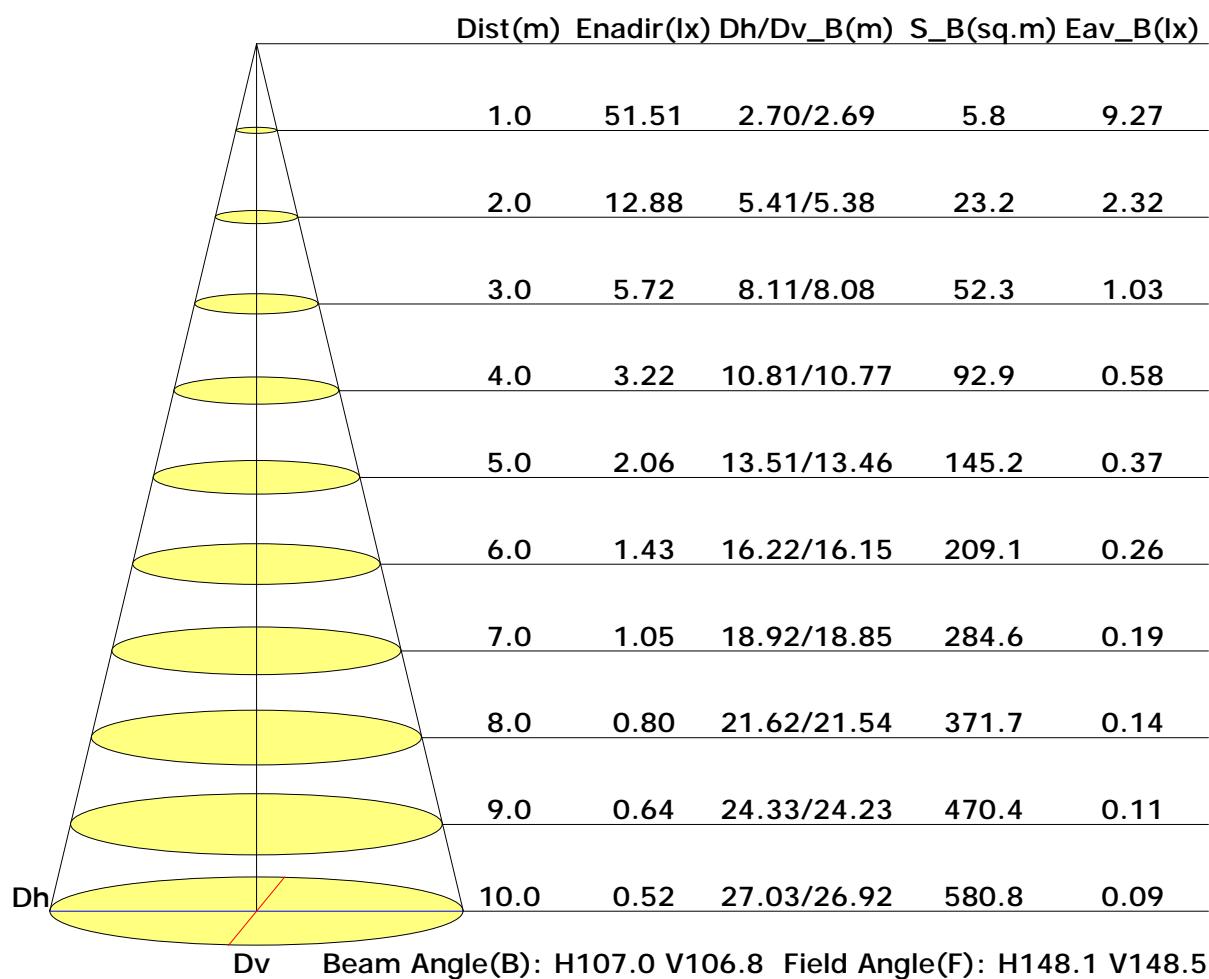


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2427	2178	1915	1615	1278	900	533	264	106
C90	3482	3320	3077	2774	2361	1858	1255	699	356
C180	2297	2034	1730	1386	1013	630	331	144	26
C270	3097	2865	2564	2178	1722	1208	769	419	221

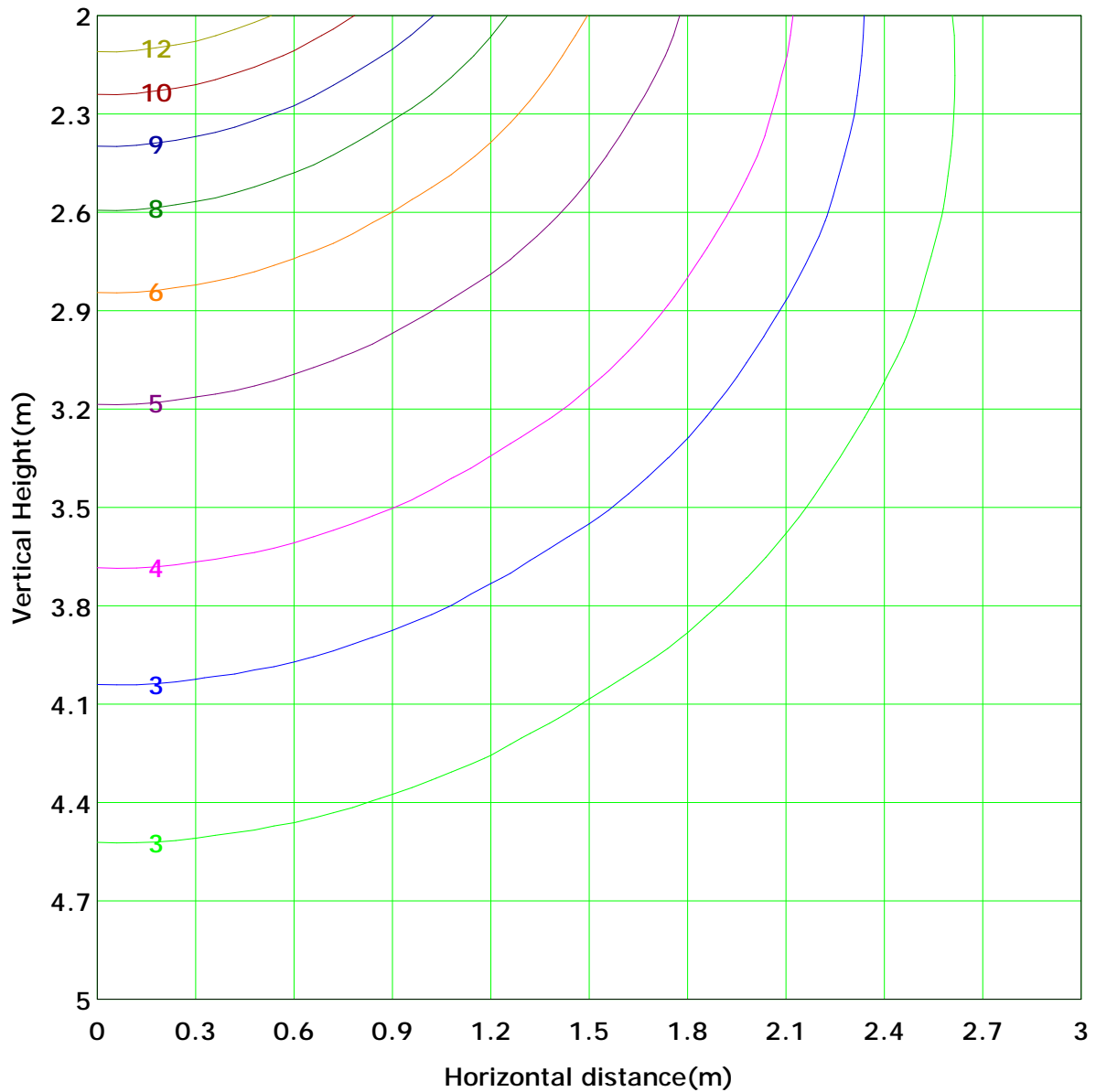
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: 12.9 lx
(10%): 1.3 lx	(20%): 2.6 lx	
(25%): 3.2 lx	(30%): 3.9 lx	
(40%): 5.2 lx	(50%): 6.4 lx	
(60%): 7.7 lx	(70%): 9.0 lx	
(80%): 10.3 lx	(90%): 11.6 lx	

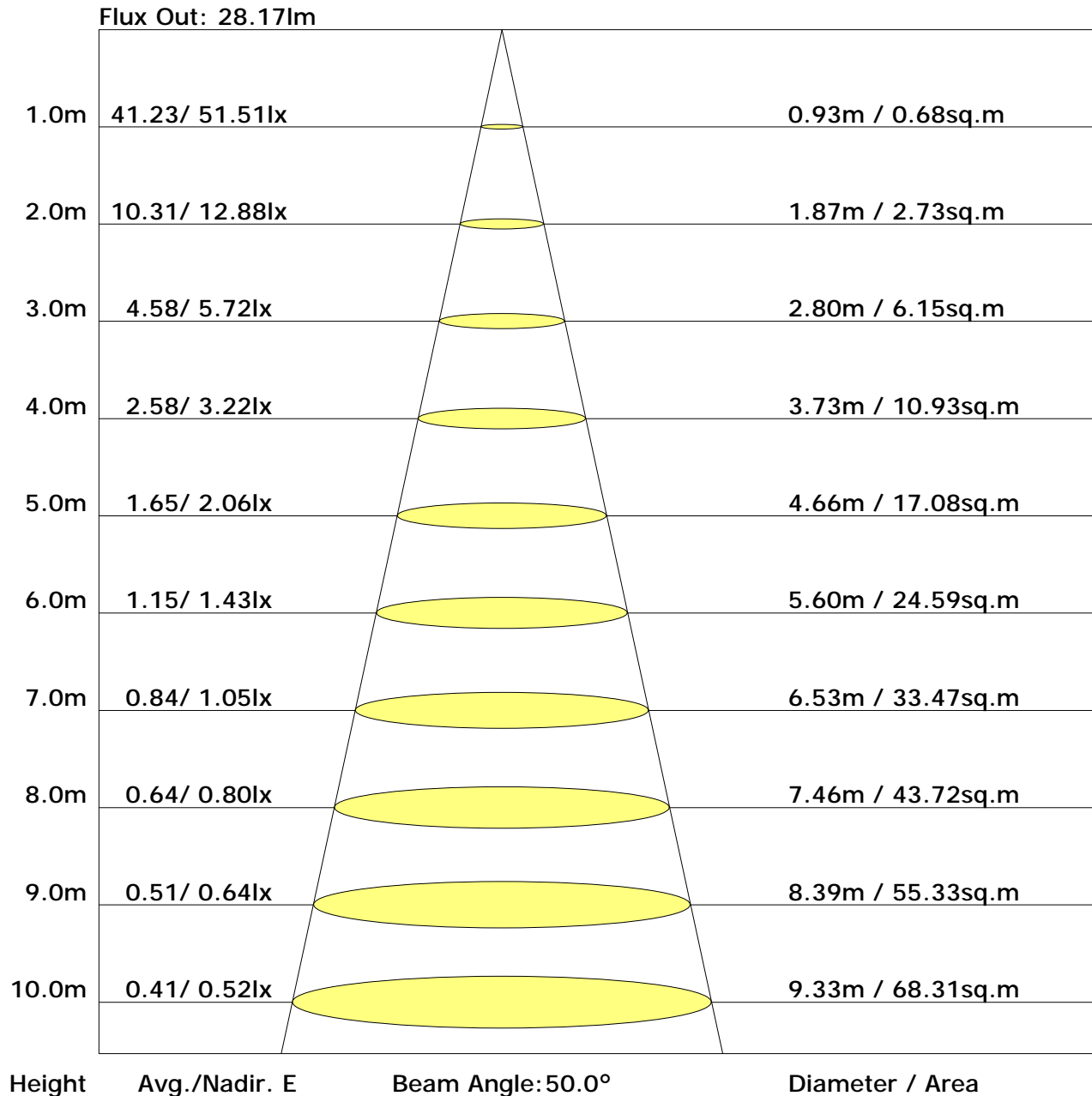
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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	22.0	23.5	22.4	23.9	24.2	21.4	22.9	21.8	23.3	23.7
3H	23.2	24.5	23.6	24.9	25.3	22.4	23.8	22.8	24.1	24.6
4H	23.4	24.7	23.9	25.1	25.5	22.6	23.9	23.0	24.3	24.7
6H	23.5	24.7	24.0	25.1	25.6	22.7	23.8	23.1	24.2	24.7
8H	23.5	24.6	24.0	25.1	25.5	22.6	23.8	23.1	24.2	24.6
12H	23.5	24.6	24.0	25.0	25.5	22.6	23.7	23.1	24.1	24.6
X=4H Y=2H	22.2	23.5	22.7	23.9	24.3	21.9	23.1	22.3	23.5	24.0
3H	23.5	24.6	24.0	25.0	25.5	23.0	24.0	23.4	24.5	24.9
4H	23.8	24.8	24.3	25.2	25.7	23.2	24.2	23.7	24.6	25.1
6H	24.0	24.8	24.5	25.3	25.8	23.3	24.1	23.8	24.6	25.1
8H	24.0	24.7	24.5	25.2	25.7	23.3	24.1	23.8	24.6	25.1
12H	24.0	24.7	24.5	25.2	25.7	23.3	24.0	23.8	24.5	25.0
X=8H Y=4H	23.8	24.6	24.3	25.1	25.6	23.3	24.1	23.8	24.6	25.1
6H	24.0	24.6	24.5	25.1	25.7	23.4	24.0	23.9	24.6	25.1
8H	24.0	24.6	24.5	25.1	25.6	23.4	24.0	23.9	24.5	25.0
12H	24.0	24.5	24.6	25.0	25.6	23.4	23.9	23.9	24.4	25.0
X=12H Y=4H	23.8	24.5	24.3	25.0	25.5	23.3	24.0	23.8	24.5	25.0
6H	24.0	24.5	24.5	25.0	25.6	23.4	23.9	23.9	24.4	25.0
8H	24.0	24.5	24.5	25.0	25.6	23.4	23.9	23.9	24.4	25.0

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 = 1.25								
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	0.59	0.70	0.77	0.83	0.90	0.94	0.98	1.02	1.04
	0.30		0.52	0.63	0.70	0.76	0.84	0.89	0.93	0.98	1.01
	0.20		0.46	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.98
0.50	0.50	0.20	0.57	0.68	0.75	0.80	0.86	0.91	0.94	0.97	1.00
	0.30		0.51	0.61	0.69	0.74	0.81	0.86	0.90	0.94	0.97
	0.20		0.46	0.57	0.64	0.70	0.77	0.83	0.87	0.92	0.95
0.30	0.50	0.20	0.56	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.50	0.60	0.67	0.72	0.79	0.84	0.87	0.91	0.94
	0.20		0.45	0.56	0.63	0.68	0.76	0.81	0.84	0.89	0.92
0.00	0.00	0.00	0.43	0.53	0.60	0.65	0.72	0.77	0.80	0.84	0.87
Rating: 4W 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 = 1.25									
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	0.95	0.77	0.65	0.56	0.44	0.36	0.31	0.24	0.19	
	0.30		0.79	0.66	0.56	0.49	0.40	0.33	0.29	0.22	0.18	
	0.20		0.68	0.58	0.50	0.44	0.36	0.31	0.27	0.21	0.17	
0.50	0.50	0.20	0.91	0.74	0.62	0.53	0.42	0.38	0.29	0.22	0.18	
	0.30		0.77	0.64	0.55	0.48	0.38	0.32	0.27	0.21	0.17	
	0.20		0.67	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17	
0.30	0.50	0.20	0.88	0.70	0.59	0.51	0.40	0.32	0.27	0.21	0.17	
	0.30		0.75	0.62	0.53	0.46	0.37	0.30	0.26	0.20	0.16	
	0.20		0.66	0.55	0.48	0.42	0.34	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.11	
Rating: 4W 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 = 1.25									
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	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.18	0.20	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating: 4W 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	50.7	0.0	0.0	0.04	0.04
1.0-2.0	50.7	0.1	0.2	0.11	0.15
2.0-3.0	50.6	0.2	0.4	0.18	0.33
3.0-4.0	50.5	0.3	0.8	0.25	0.58
4.0-5.0	50.4	0.4	1.2	0.33	0.91
5.0-6.0	50.3	0.5	1.7	0.40	1.31
6.0-7.0	50.2	0.6	2.4	0.47	1.77
7.0-8.0	50.1	0.7	3.1	0.54	2.31
8.0-9.0	49.9	0.8	3.9	0.61	2.92
9.0-10.0	49.8	0.9	4.8	0.68	3.60
10.0-11.0	49.6	1.0	5.8	0.74	4.34
11.0-12.0	49.3	1.1	6.9	0.81	5.15
12.0-13.0	49.1	1.2	8.0	0.88	6.03
13.0-14.0	48.8	1.3	9.3	0.94	6.97
14.0-15.0	48.6	1.3	10.6	1.00	7.97
15.0-16.0	48.3	1.4	12.0	1.06	9.03
16.0-17.0	48.1	1.5	13.5	1.12	10.16
17.0-18.0	47.8	1.6	15.1	1.18	11.34
18.0-19.0	47.5	1.7	16.8	1.24	12.59
19.0-20.0	47.2	1.7	18.5	1.30	13.88
20.0-21.0	46.9	1.8	20.3	1.35	15.24
21.0-22.0	46.6	1.9	22.2	1.41	16.65
22.0-23.0	46.2	1.9	24.1	1.46	18.10
23.0-24.0	45.9	2.0	26.1	1.51	19.61
24.0-25.0	45.4	2.1	28.2	1.55	21.16
25.0-26.0	45.0	2.1	30.3	1.60	22.76
26.0-27.0	44.6	2.2	32.5	1.64	24.40
27.0-28.0	44.1	2.2	34.7	1.68	26.07
28.0-29.0	43.6	2.3	37.0	1.71	27.79
29.0-30.0	43.1	2.3	39.3	1.75	29.54
30.0-31.0	42.5	2.4	41.7	1.78	31.32
31.0-32.0	42.0	2.4	44.1	1.81	33.12
32.0-33.0	41.4	2.4	46.5	1.83	34.96
33.0-34.0	40.9	2.5	49.0	1.86	36.82
34.0-35.0	40.3	2.5	51.5	1.88	38.69
35.0-36.0	39.6	2.5	54.0	1.90	40.59

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	39.0	2.5	56.6	1.91	42.50
37.0-38.0	38.3	2.6	59.1	1.92	44.42
38.0-39.0	37.7	2.6	61.7	1.93	46.35
39.0-40.0	37.0	2.6	64.3	1.94	48.29
40.0-41.0	36.3	2.6	66.9	1.94	50.23
41.0-42.0	35.5	2.6	69.4	1.94	52.17
42.0-43.0	34.8	2.6	72.0	1.93	54.11
43.0-44.0	34.0	2.6	74.6	1.93	56.03
44.0-45.0	33.2	2.6	77.1	1.92	57.95
45.0-46.0	32.4	2.5	79.7	1.90	59.86
46.0-47.0	31.6	2.5	82.2	1.89	61.74
47.0-48.0	30.8	2.5	84.7	1.87	63.61
48.0-49.0	29.9	2.5	87.1	1.85	65.46
49.0-50.0	29.0	2.4	89.5	1.82	67.28
50.0-51.0	28.2	2.4	91.9	1.79	69.07
51.0-52.0	27.2	2.3	94.3	1.76	70.82
52.0-53.0	26.3	2.3	96.6	1.72	72.54
53.0-54.0	25.4	2.2	98.8	1.68	74.22
54.0-55.0	24.4	2.2	101.0	1.64	75.86
55.0-56.0	23.4	2.1	103.1	1.59	77.45
56.0-57.0	22.4	2.1	105.1	1.54	78.99
57.0-58.0	21.4	2.0	107.1	1.49	80.48
58.0-59.0	20.4	1.9	109.0	1.43	81.91
59.0-60.0	19.4	1.8	110.9	1.37	83.29
60.0-61.0	18.3	1.7	112.6	1.31	84.60
61.0-62.0	17.3	1.7	114.3	1.25	85.85
62.0-63.0	16.2	1.6	115.8	1.19	87.04
63.0-64.0	15.2	1.5	117.3	1.12	88.16
64.0-65.0	14.2	1.4	118.7	1.05	89.21
65.0-66.0	13.1	1.3	120.1	0.98	90.20
66.0-67.0	12.1	1.2	121.3	0.91	91.11
67.0-68.0	11.1	1.1	122.4	0.84	91.95
68.0-69.0	10.1	1.0	123.4	0.77	92.73
69.0-70.0	9.1	0.9	124.4	0.70	93.43
70.0-71.0	8.2	0.8	125.2	0.64	94.07
71.0-72.0	7.3	0.8	126.0	0.57	94.64

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	6.5	0.7	126.6	0.51	95.15
73.0-74.0	5.7	0.6	127.2	0.45	95.60
74.0-75.0	4.9	0.5	127.8	0.39	95.99
75.0-76.0	4.3	0.5	128.2	0.34	96.33
76.0-77.0	3.7	0.4	128.6	0.29	96.62
77.0-78.0	3.1	0.3	128.9	0.25	96.87
78.0-79.0	2.6	0.3	129.2	0.21	97.09
79.0-80.0	2.2	0.2	129.5	0.18	97.26
80.0-81.0	1.8	0.2	129.7	0.15	97.41
81.0-82.0	1.5	0.2	129.8	0.12	97.53
82.0-83.0	1.2	0.1	130.0	0.10	97.63
83.0-84.0	1.0	0.1	130.1	0.08	97.71
84.0-85.0	0.8	0.1	130.1	0.06	97.78
85.0-86.0	0.6	0.1	130.2	0.05	97.83
86.0-87.0	0.5	0.1	130.3	0.04	97.87
87.0-88.0	0.4	0.0	130.3	0.03	97.91
88.0-89.0	0.3	0.0	130.4	0.03	97.93
89.0-90.0	0.3	0.0	130.4	0.02	97.96
90.0-91.0	0.3	0.0	130.4	0.02	97.98
91.0-92.0	0.3	0.0	130.4	0.02	98.01
92.0-93.0	0.3	0.0	130.5	0.03	98.04
93.0-94.0	0.3	0.0	130.5	0.03	98.06
94.0-95.0	0.4	0.0	130.6	0.03	98.09
95.0-96.0	0.4	0.0	130.6	0.03	98.13
96.0-97.0	0.4	0.0	130.6	0.03	98.16
97.0-98.0	0.4	0.0	130.7	0.04	98.19
98.0-99.0	0.5	0.0	130.7	0.04	98.23
99.0-100.0	0.5	0.1	130.8	0.04	98.27
100.0-101.0	0.5	0.1	130.8	0.04	98.31
101.0-102.0	0.5	0.1	130.9	0.04	98.35
102.0-103.0	0.5	0.1	131.0	0.04	98.39
103.0-104.0	0.5	0.1	131.0	0.04	98.43
104.0-105.0	0.5	0.1	131.1	0.04	98.47
105.0-106.0	0.5	0.1	131.1	0.04	98.51
106.0-107.0	0.5	0.1	131.2	0.04	98.55
107.0-108.0	0.5	0.1	131.2	0.04	98.59

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	0.5	0.1	131.3	0.04	98.63
109.0-110.0	0.5	0.1	131.3	0.04	98.67
110.0-111.0	0.5	0.0	131.4	0.04	98.71
111.0-112.0	0.5	0.0	131.4	0.04	98.74
112.0-113.0	0.5	0.0	131.5	0.04	98.78
113.0-114.0	0.5	0.0	131.5	0.03	98.82
114.0-115.0	0.4	0.0	131.6	0.03	98.85
115.0-116.0	0.4	0.0	131.6	0.03	98.88
116.0-117.0	0.4	0.0	131.7	0.03	98.91
117.0-118.0	0.4	0.0	131.7	0.03	98.94
118.0-119.0	0.4	0.0	131.7	0.03	98.97
119.0-120.0	0.4	0.0	131.8	0.03	99.00
120.0-121.0	0.4	0.0	131.8	0.03	99.03
121.0-122.0	0.4	0.0	131.8	0.03	99.06
122.0-123.0	0.4	0.0	131.9	0.03	99.09
123.0-124.0	0.4	0.0	131.9	0.03	99.11
124.0-125.0	0.4	0.0	132.0	0.03	99.14
125.0-126.0	0.4	0.0	132.0	0.03	99.16
126.0-127.0	0.4	0.0	132.0	0.03	99.19
127.0-128.0	0.4	0.0	132.1	0.03	99.22
128.0-129.0	0.4	0.0	132.1	0.03	99.24
129.0-130.0	0.4	0.0	132.1	0.02	99.27
130.0-131.0	0.4	0.0	132.2	0.02	99.29
131.0-132.0	0.4	0.0	132.2	0.03	99.32
132.0-133.0	0.4	0.0	132.2	0.02	99.34
133.0-134.0	0.4	0.0	132.3	0.02	99.37
134.0-135.0	0.4	0.0	132.3	0.02	99.39
135.0-136.0	0.4	0.0	132.3	0.02	99.42
136.0-137.0	0.4	0.0	132.4	0.02	99.44
137.0-138.0	0.4	0.0	132.4	0.02	99.47
138.0-139.0	0.4	0.0	132.4	0.02	99.49
139.0-140.0	0.4	0.0	132.5	0.02	99.51
140.0-141.0	0.4	0.0	132.5	0.02	99.54
141.0-142.0	0.5	0.0	132.5	0.02	99.56
142.0-143.0	0.5	0.0	132.5	0.02	99.58
143.0-144.0	0.5	0.0	132.6	0.02	99.61

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	0.5	0.0	132.6	0.02	99.63
145.0-146.0	0.5	0.0	132.6	0.02	99.65
146.0-147.0	0.5	0.0	132.7	0.02	99.67
147.0-148.0	0.5	0.0	132.7	0.02	99.69
148.0-149.0	0.5	0.0	132.7	0.02	99.71
149.0-150.0	0.5	0.0	132.7	0.02	99.73
150.0-151.0	0.5	0.0	132.8	0.02	99.75
151.0-152.0	0.5	0.0	132.8	0.02	99.77
152.0-153.0	0.4	0.0	132.8	0.02	99.78
153.0-154.0	0.4	0.0	132.8	0.02	99.80
154.0-155.0	0.4	0.0	132.9	0.02	99.82
155.0-156.0	0.4	0.0	132.9	0.02	99.83
156.0-157.0	0.4	0.0	132.9	0.01	99.84
157.0-158.0	0.4	0.0	132.9	0.01	99.86
158.0-159.0	0.4	0.0	132.9	0.01	99.87
159.0-160.0	0.4	0.0	132.9	0.01	99.88
160.0-161.0	0.4	0.0	133.0	0.01	99.89
161.0-162.0	0.4	0.0	133.0	0.01	99.90
162.0-163.0	0.4	0.0	133.0	0.01	99.91
163.0-164.0	0.4	0.0	133.0	0.01	99.92
164.0-165.0	0.4	0.0	133.0	0.01	99.93
165.0-166.0	0.4	0.0	133.0	0.01	99.94
166.0-167.0	0.4	0.0	133.0	0.01	99.95
167.0-168.0	0.4	0.0	133.0	0.01	99.96
168.0-169.0	0.4	0.0	133.0	0.01	99.96
169.0-170.0	0.4	0.0	133.1	0.01	99.97
170.0-171.0	0.4	0.0	133.1	0.01	99.97
171.0-172.0	0.4	0.0	133.1	0.01	99.98
172.0-173.0	0.4	0.0	133.1	0.00	99.98
173.0-174.0	0.4	0.0	133.1	0.00	99.99
174.0-175.0	0.4	0.0	133.1	0.00	99.99
175.0-176.0	0.4	0.0	133.1	0.00	99.99
176.0-177.0	0.5	0.0	133.1	0.00	100.00
177.0-178.0	0.4	0.0	133.1	0.00	100.00
178.0-179.0	0.4	0.0	133.1	0.00	100.00
179.0-180.0	0.4	0.0	133.1	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: