

Report No.:

Test Time: 2023/9/28 17:04

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: HEXA NODE RGB-1.5W-UCS8903

Luminaire Description: MILKY GLOBE IP67 Lamp Catalog: NODE

Lamp Description: 3 nodes R+G+B

Luminous Length (mm): 250

Luminous Width (mm): 60

Luminous Height (mm): 75

Voltage: 24.0 V

Current: 0.183 A

Power: 4.38 W

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Total Rated Lamp Lumens: 122.1 lm

Measurement Flux: 122.1 lm

Efficiency: 100%

Downward Ratio: 69%

Upward Ratio: 31%

Horizontal Diffuse Angle(10%,50%): H188.3,H153.9

Vertical Diffuse Angle(10%,50%): V338.5,V230.1

Luminaire Efficacy Rating (LER): 28

Central Intensity: 16.04 cd

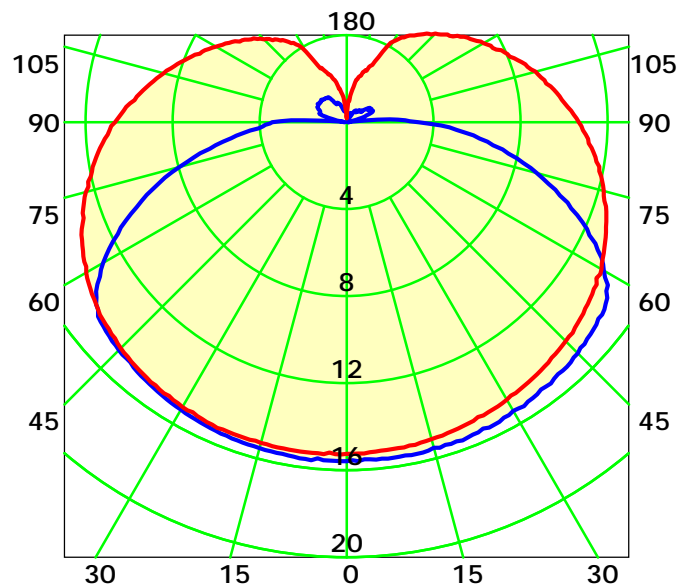
Max. Intensity: 16.08 cd

Pos of Max. Intensity: H180 V6

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 192.0° 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

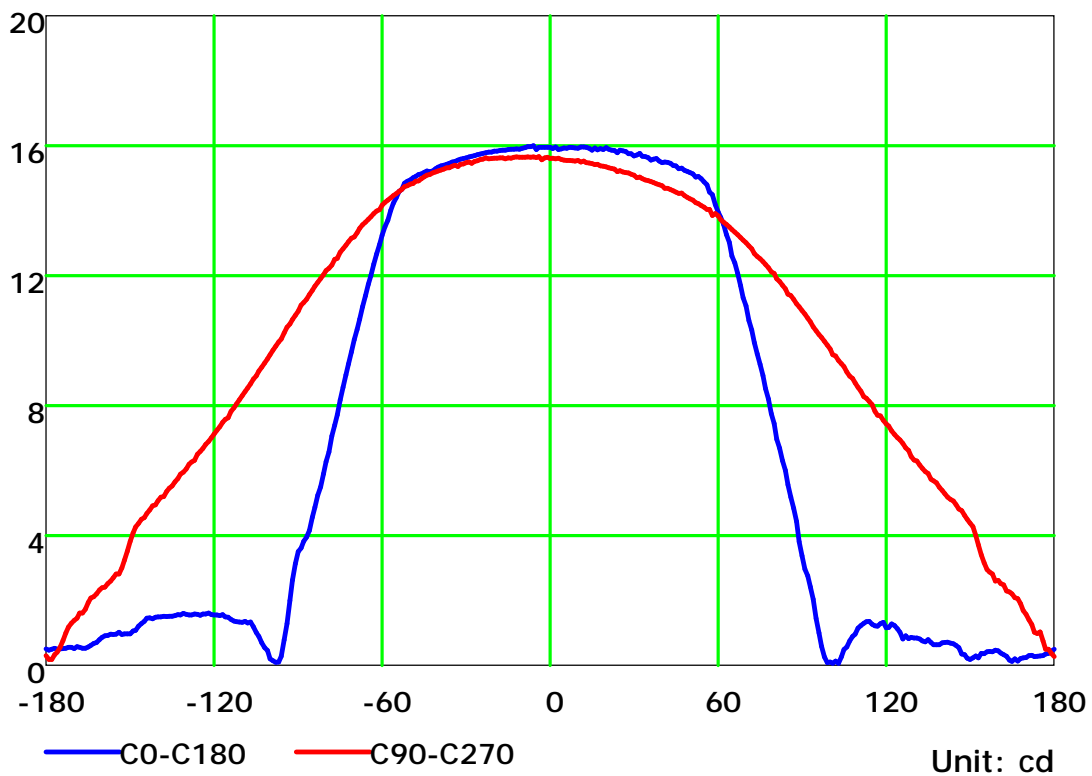
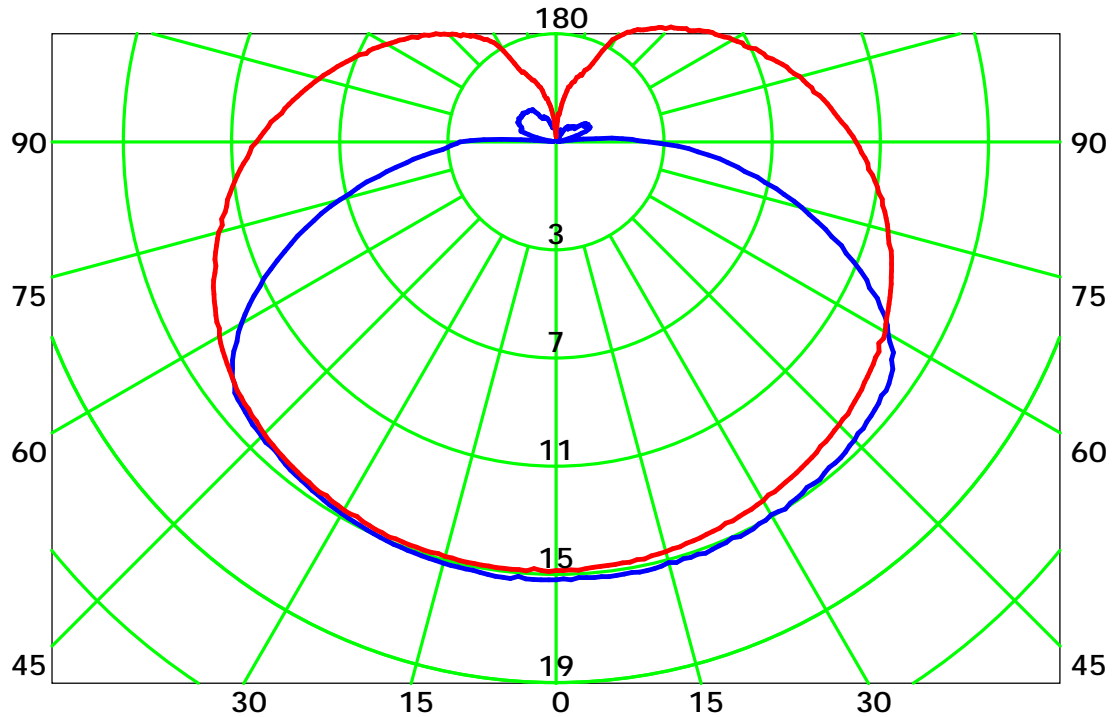
Distance: 9.028 m

Humidity: 60%

Inspector:



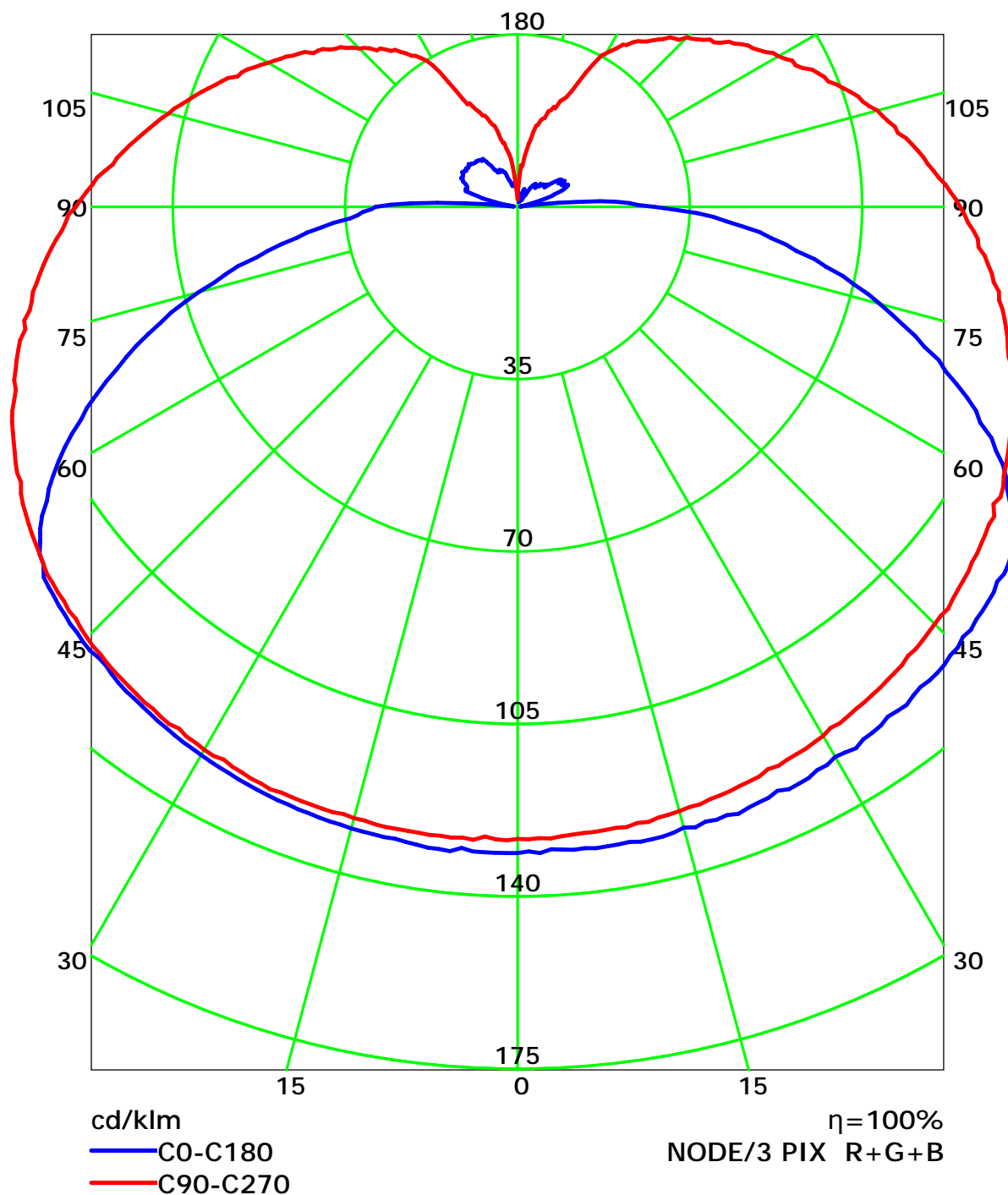
Luminous Intensity Distribution Curve



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:

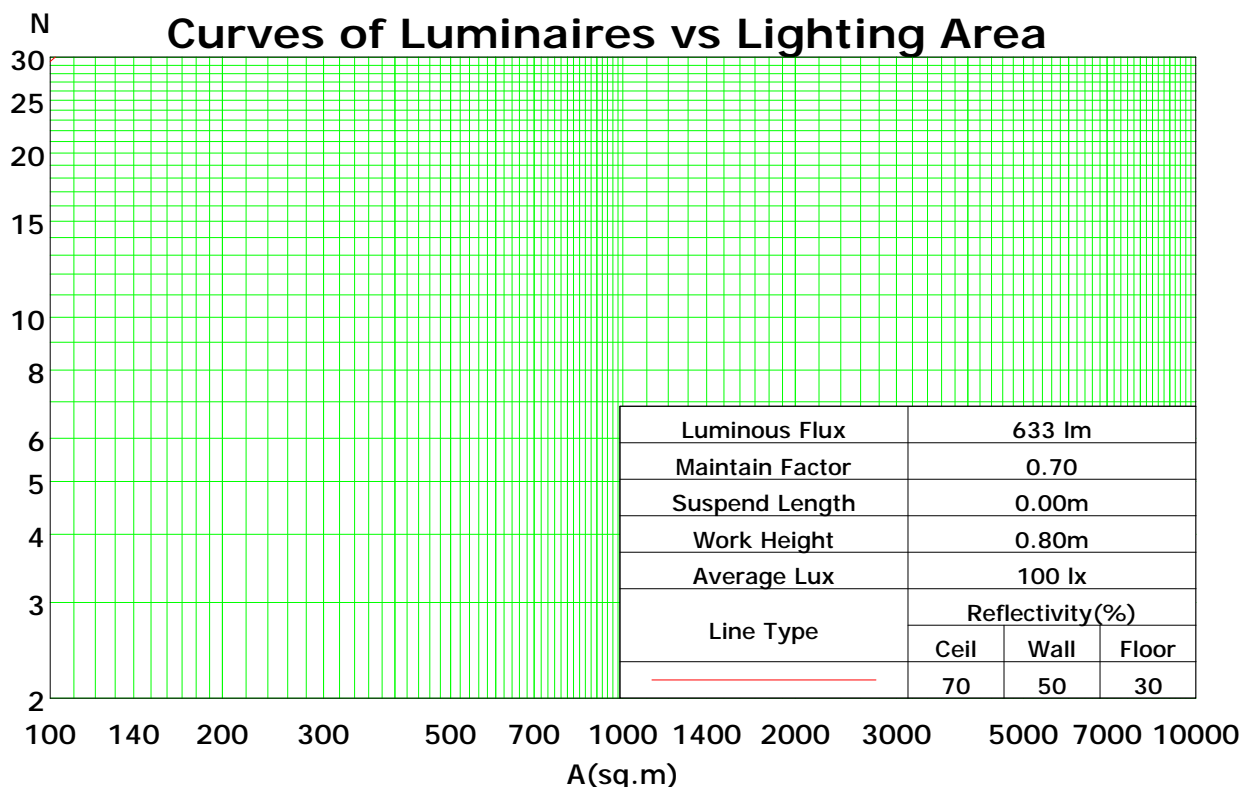
Coefficients Of Utilization - Zonal Cavity Method

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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	69
1	98	91	85	80	92	86	81	76	76	72	68	67	63	61	58	56	53	49
2	87	77	69	62	81	72	65	59	64	58	53	56	51	47	49	45	42	38
3	78	66	57	50	73	62	54	47	55	48	42	48	42	38	42	37	33	30
4	71	58	48	41	66	54	46	39	48	41	35	42	36	31	36	32	28	24
5	65	51	41	34	60	48	39	33	42	35	29	37	31	26	32	27	23	20
6	60	45	36	29	56	43	34	28	38	31	25	33	27	23	29	24	20	17
7	55	41	32	25	51	38	30	24	34	27	22	30	24	20	26	21	17	15
8	51	37	28	22	48	35	27	21	31	24	19	27	22	17	24	19	15	13
9	47	34	25	19	44	32	24	19	28	22	17	25	19	15	22	17	14	11
10	44	31	23	17	41	29	22	17	26	20	15	23	18	14	20	16	12	10

Spacing Criteria (0-180): 1.49

Spacing Criteria (90-270): 1.49

Spacing Criteria (Diagonal): 1.67



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

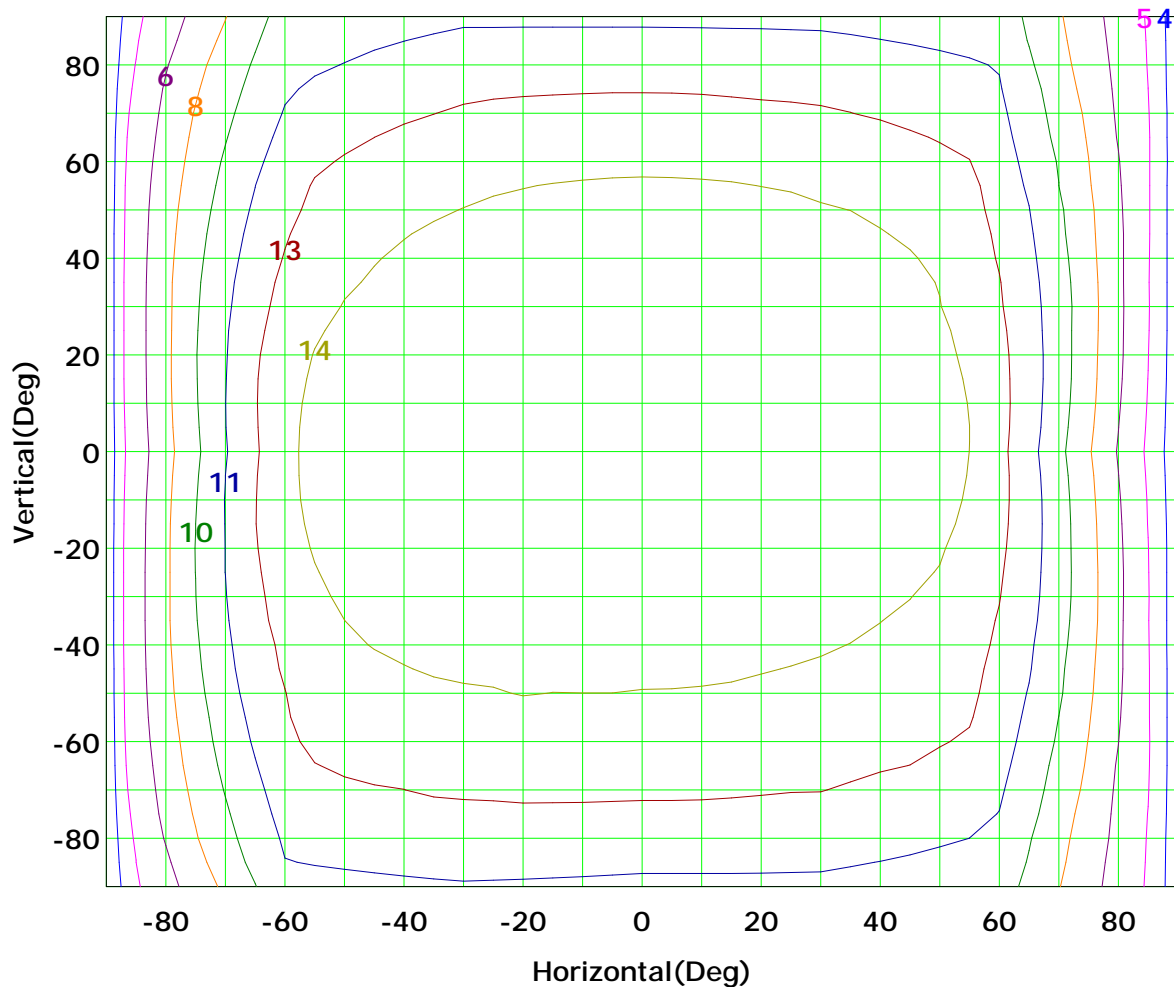
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



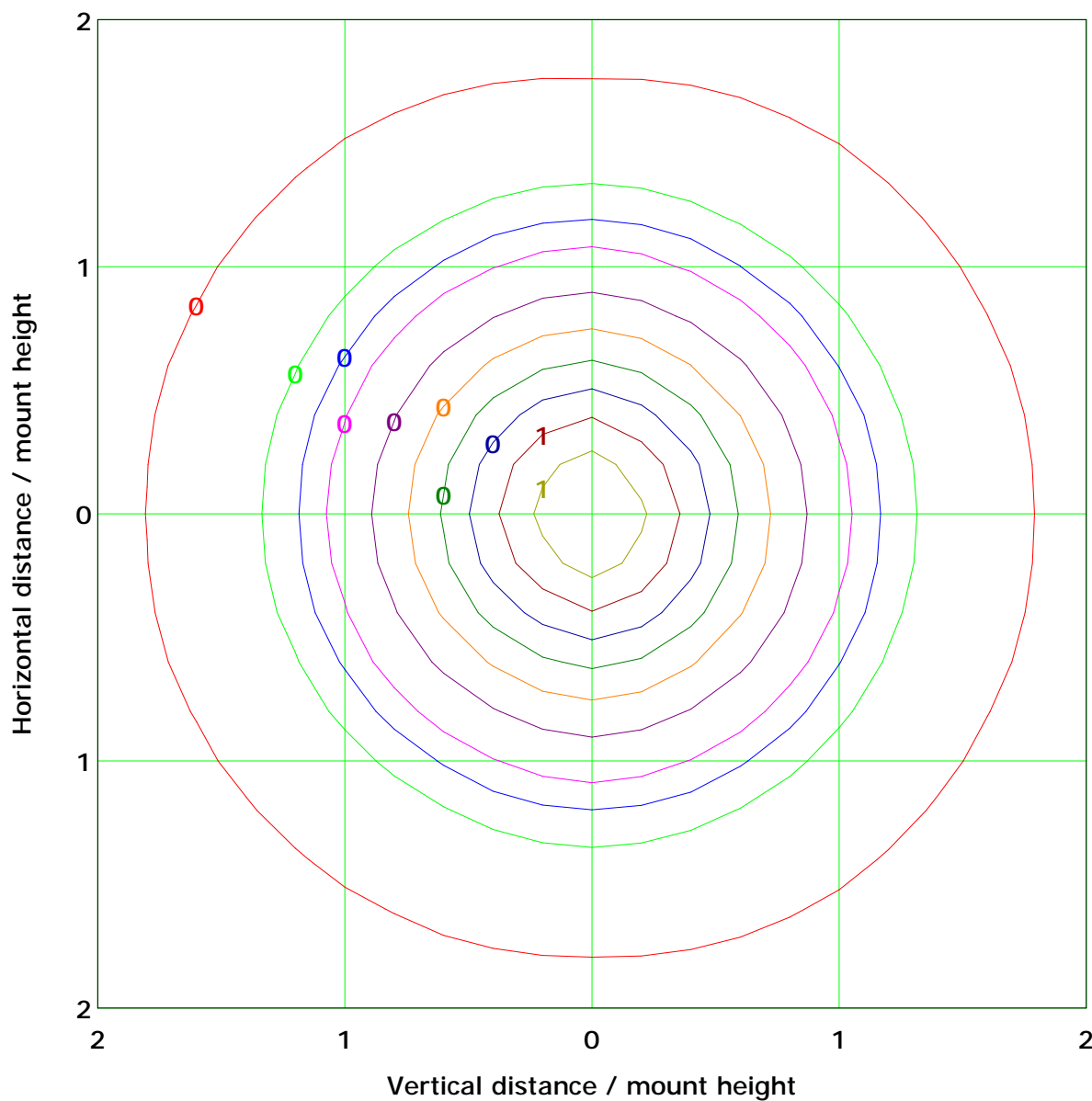
Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	10 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 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%): 0.6 lx

(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.4 lx
(80%): 0.5 lx	(90%): 0.6 lx

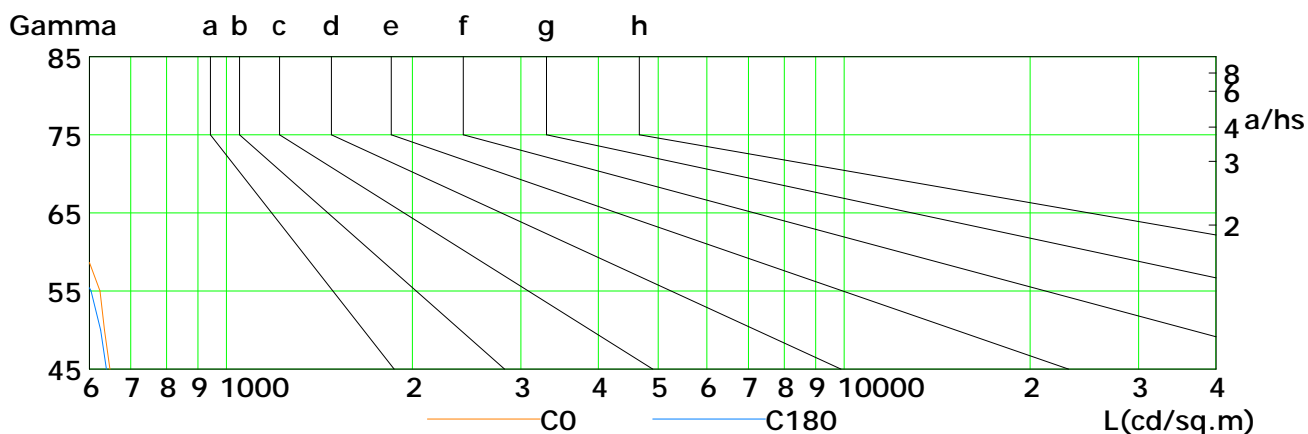
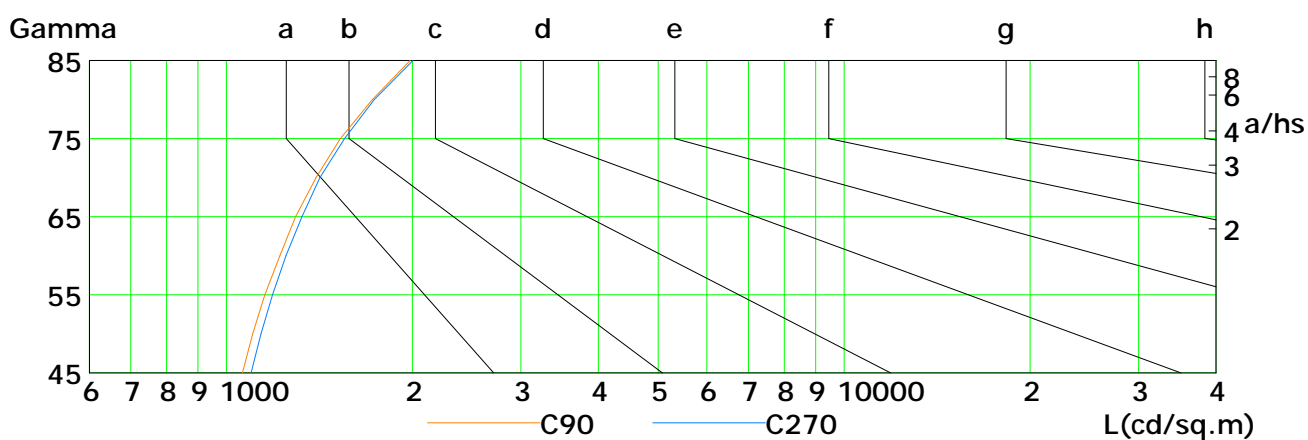
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

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

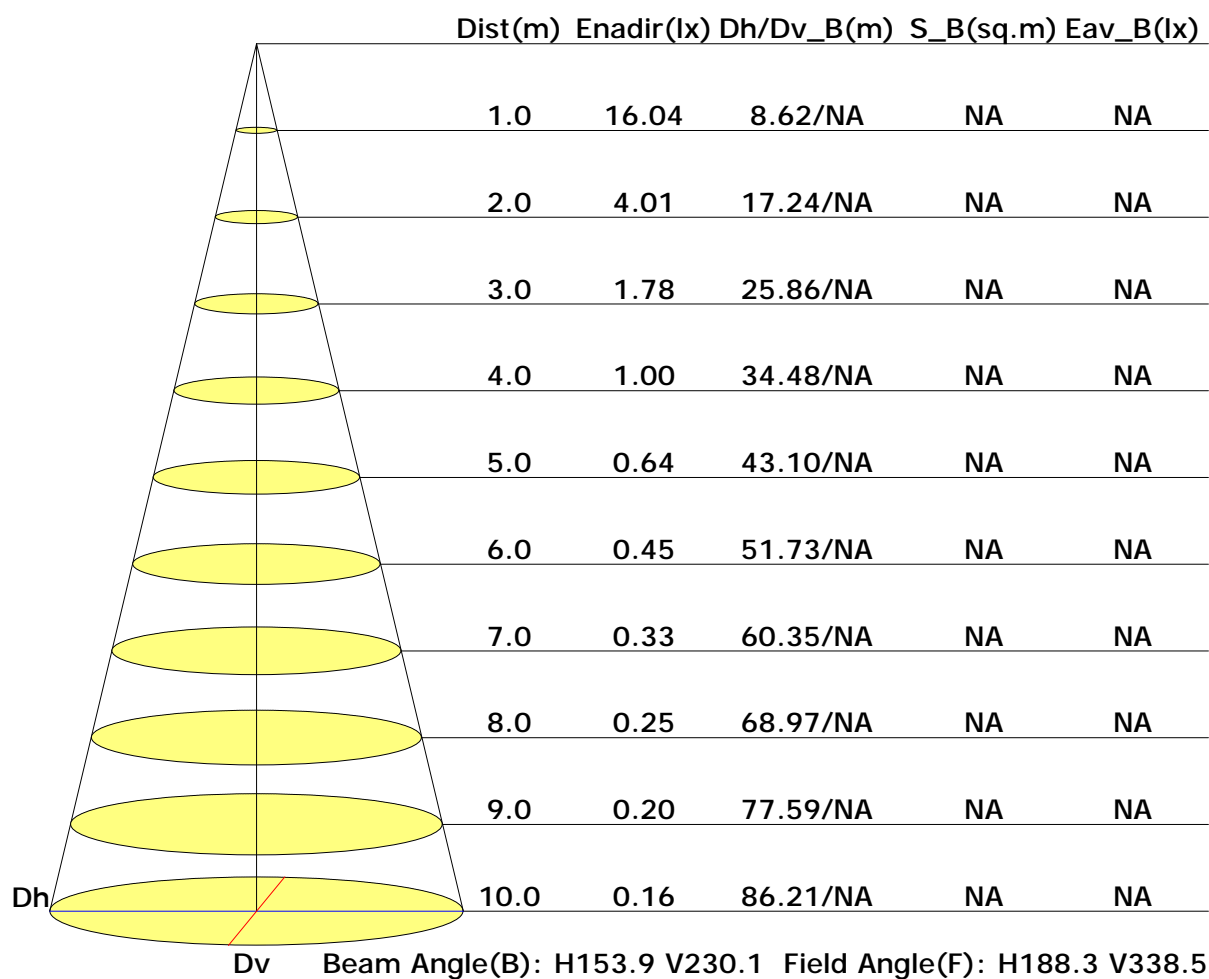


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	648	635	625	591	543	489	424	355	280
C90	1062	1103	1154	1221	1295	1398	1530	1724	1984
C180	639	626	604	561	506	443	373	299	230
C270	1097	1138	1188	1249	1326	1417	1554	1737	2005

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:

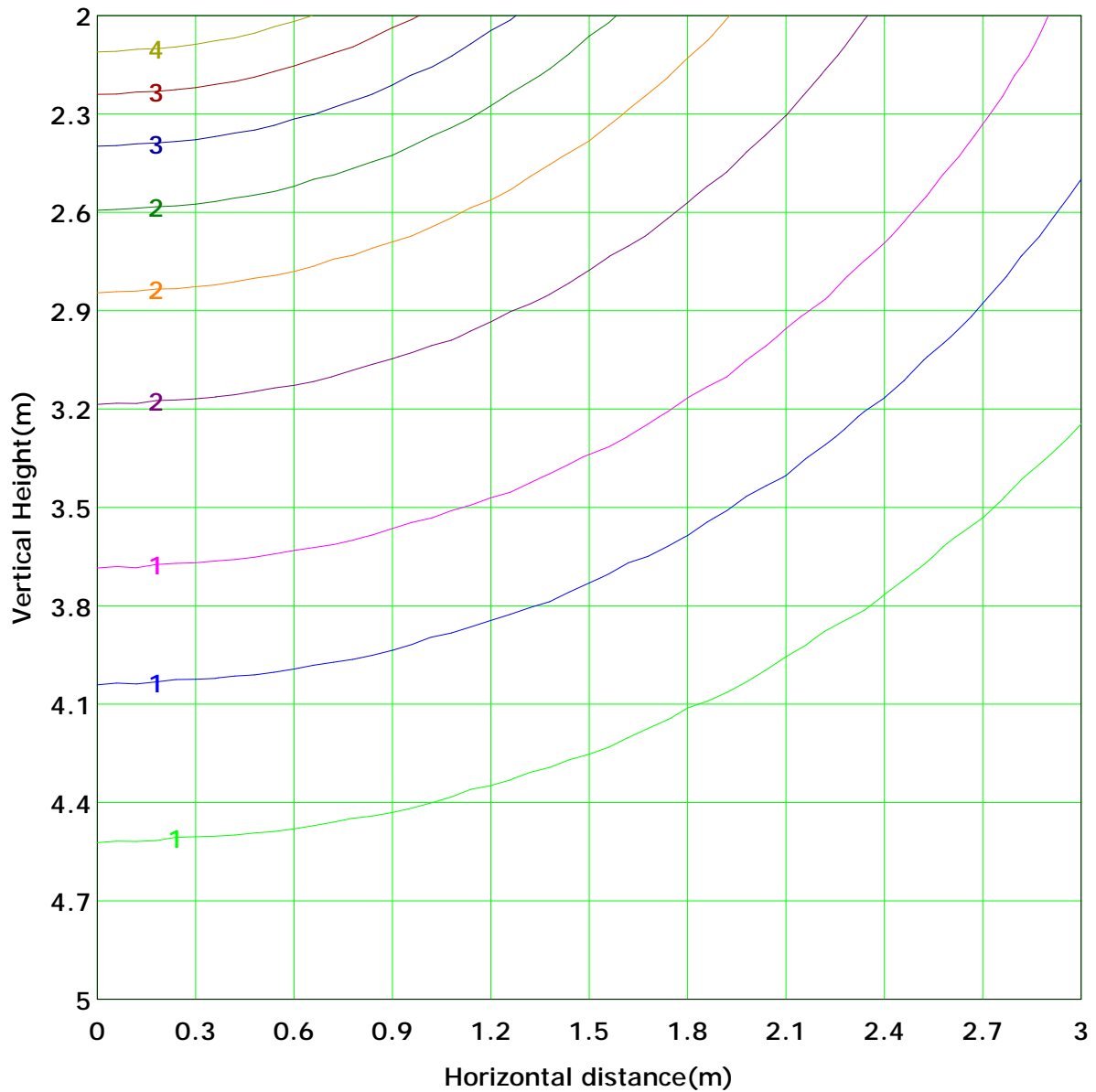
Illuminance at a Distance



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:

Vertical IsoLux Plot



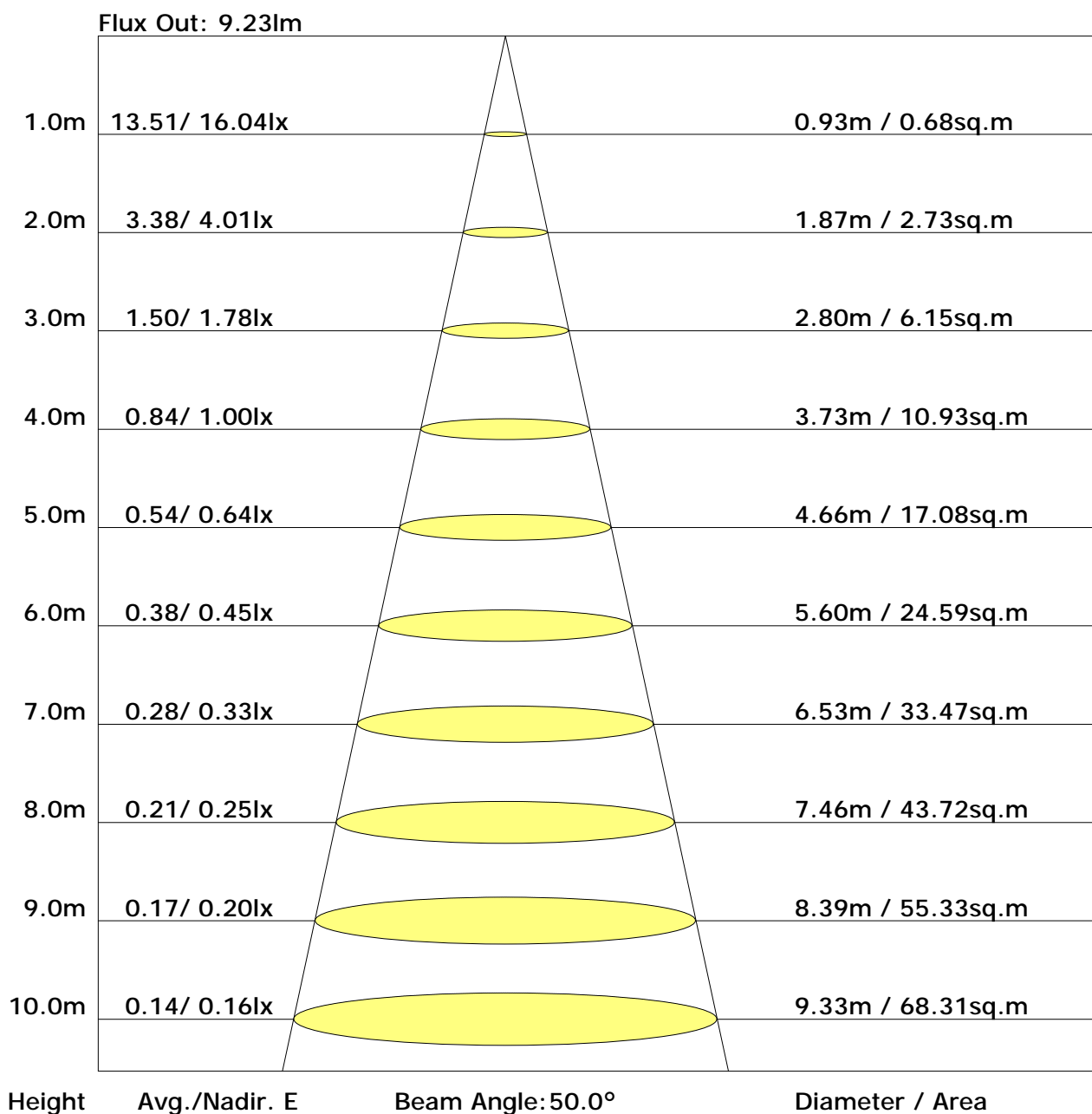
Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 4.0 lx
(10%): 0.4 lx	(20%): 0.8 lx	(30%): 1.2 lx
(25%): 1.0 lx	(50%): 2.0 lx	(70%): 2.8 lx
(40%): 1.6 lx	(90%): 3.6 lx	
(60%): 2.4 lx		
(80%): 3.2 lx		

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	16.8	18.0	17.5	18.8	19.7	15.3	16.5	16.0	17.3	18.2
3H	19.4	20.5	20.1	21.3	22.3	17.8	19.0	18.6	19.8	20.7
4H	20.5	21.6	21.2	22.4	23.3	19.0	20.1	19.8	20.9	21.9
6H	21.5	22.5	22.2	23.3	24.3	20.2	21.3	21.0	22.1	23.1
8H	21.9	22.8	22.7	23.7	24.7	20.8	21.8	21.6	22.6	23.6
12H	22.2	23.2	23.0	24.0	25.0	21.4	22.3	22.2	23.1	24.2
X=4H Y=2H	17.3	18.4	18.1	19.2	20.2	16.2	17.3	17.0	18.1	19.1
3H	20.2	21.1	21.0	22.0	23.0	19.0	19.9	19.8	20.7	21.8
4H	21.5	22.4	22.3	23.2	24.2	20.3	21.2	21.1	22.0	23.1
6H	22.7	23.5	23.5	24.3	25.4	21.7	22.5	22.5	23.3	24.3
8H	23.2	23.9	24.0	24.8	25.9	22.3	23.1	23.1	23.9	25.0
12H	23.7	24.4	24.5	25.2	26.3	23.0	23.6	23.8	24.5	25.6
X=8H Y=4H	21.9	22.7	22.8	23.5	24.6	21.0	21.7	21.8	22.6	23.6
6H	23.4	24.0	24.2	24.9	26.0	22.5	23.2	23.4	24.0	25.1
8H	24.1	24.7	24.9	25.5	26.6	23.3	23.9	24.2	24.8	25.8
12H	24.7	25.2	25.6	26.1	27.2	24.1	24.6	25.0	25.5	26.6
X=12H Y=4H	22.0	22.7	22.9	23.6	24.6	21.1	21.8	21.9	22.7	23.7
6H	23.6	24.1	24.4	25.0	26.1	22.8	23.3	23.6	24.2	25.3
8H	24.3	24.9	25.2	25.7	26.8	23.6	24.1	24.5	25.0	26.1

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 = 1.75								
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	NA	0.51	0.58	0.63	0.70	0.75	0.79	0.84	0.87
	0.30		NA	0.43	0.50	0.55	0.62	0.68	0.72	0.78	0.82
	0.20		NA	0.37	0.43	0.48	0.56	0.62	0.67	0.73	0.78
0.50	0.50	0.20	NA	0.46	0.51	0.56	0.62	0.66	0.70	0.74	0.77
	0.30		NA	0.39	0.45	0.49	0.56	0.61	0.64	0.70	0.73
	0.20		NA	0.34	0.39	0.44	0.51	0.56	0.60	0.66	0.70
0.30	0.50	0.20	NA	0.41	0.45	0.49	0.55	0.58	0.61	0.65	0.68
	0.30		NA	0.35	0.40	0.44	0.50	0.54	0.57	0.62	0.65
	0.20		NA	0.30	0.36	0.40	0.46	0.50	0.54	0.59	0.62
0.00	0.00	0.00	NA	0.24	0.29	0.32	0.37	0.41	0.44	0.48	0.51
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 = 1.75								
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.76	0.68	0.62	0.53	0.46	0.41	0.33	0.29
	0.20		NA	0.67	0.61	0.56	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.47	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.38	0.31	0.26
	0.20		NA	0.62	0.56	0.52	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.57	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.34	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.23
0.00	0.00	0.00	0.70	0.45	0.41	0.38	0.32	0.29	0.26	0.22	0.19
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 = 1.75								
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	NA	0.48	0.49	0.49	0.50	0.50	0.51	0.51	0.51
	0.30		NA	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48
	0.20		NA	0.35	0.37	0.38	0.39	0.41	0.42	0.43	0.44
0.50	0.50	0.20	NA	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.49
	0.30		NA	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.46
	0.20		NA	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.43
0.30	0.50	0.20	NA	0.44	0.45	0.46	0.46	0.46	0.47	0.47	0.47
	0.30		NA	0.39	0.40	0.41	0.42	0.42	0.43	0.44	0.44
	0.20		NA	0.35	0.36	0.36	0.38	0.39	0.40	0.41	0.42
0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
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	15.8	0.0	0.0	0.01	0.01
1.0-2.0	15.8	0.0	0.1	0.04	0.05
2.0-3.0	15.8	0.1	0.1	0.06	0.11
3.0-4.0	15.8	0.1	0.2	0.09	0.20
4.0-5.0	15.8	0.1	0.4	0.11	0.31
5.0-6.0	15.8	0.2	0.5	0.14	0.44
6.0-7.0	15.8	0.2	0.7	0.16	0.60
7.0-8.0	15.8	0.2	1.0	0.18	0.79
8.0-9.0	15.8	0.3	1.2	0.21	1.00
9.0-10.0	15.7	0.3	1.5	0.23	1.23
10.0-11.0	15.7	0.3	1.8	0.26	1.49
11.0-12.0	15.7	0.3	2.2	0.28	1.77
12.0-13.0	15.7	0.4	2.5	0.31	2.08
13.0-14.0	15.7	0.4	2.9	0.33	2.41
14.0-15.0	15.7	0.4	3.4	0.35	2.76
15.0-16.0	15.7	0.5	3.8	0.38	3.14
16.0-17.0	15.7	0.5	4.3	0.40	3.54
17.0-18.0	15.7	0.5	4.8	0.42	3.96
18.0-19.0	15.7	0.5	5.4	0.45	4.41
19.0-20.0	15.7	0.6	6.0	0.47	4.88
20.0-21.0	15.7	0.6	6.6	0.49	5.37
21.0-22.0	15.6	0.6	7.2	0.51	5.88
22.0-23.0	15.6	0.7	7.8	0.54	6.42
23.0-24.0	15.6	0.7	8.5	0.56	6.98
24.0-25.0	15.6	0.7	9.2	0.58	7.56
25.0-26.0	15.6	0.7	10.0	0.60	8.16
26.0-27.0	15.6	0.8	10.7	0.62	8.79
27.0-28.0	15.5	0.8	11.5	0.64	9.43
28.0-29.0	15.5	0.8	12.3	0.67	10.10
29.0-30.0	15.5	0.8	13.2	0.69	10.78
30.0-31.0	15.5	0.9	14.0	0.71	11.49
31.0-32.0	15.4	0.9	14.9	0.72	12.21
32.0-33.0	15.4	0.9	15.8	0.74	12.95
33.0-34.0	15.4	0.9	16.7	0.76	13.72
34.0-35.0	15.4	1.0	17.7	0.78	14.50
35.0-36.0	15.3	1.0	18.7	0.80	15.30

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	15.3	1.0	19.7	0.82	16.12
37.0-38.0	15.3	1.0	20.7	0.84	16.95
38.0-39.0	15.3	1.0	21.7	0.85	17.81
39.0-40.0	15.2	1.1	22.8	0.87	18.68
40.0-41.0	15.2	1.1	23.9	0.89	19.56
41.0-42.0	15.2	1.1	25.0	0.90	20.47
42.0-43.0	15.1	1.1	26.1	0.92	21.38
43.0-44.0	15.1	1.1	27.2	0.93	22.32
44.0-45.0	15.0	1.2	28.4	0.95	23.26
45.0-46.0	15.0	1.2	29.6	0.96	24.23
46.0-47.0	15.0	1.2	30.8	0.98	25.20
47.0-48.0	14.9	1.2	32.0	0.99	26.19
48.0-49.0	14.9	1.2	33.2	1.00	27.19
49.0-50.0	14.8	1.2	34.4	1.01	28.21
50.0-51.0	14.8	1.3	35.7	1.02	29.23
51.0-52.0	14.7	1.3	36.9	1.04	30.27
52.0-53.0	14.7	1.3	38.2	1.05	31.31
53.0-54.0	14.6	1.3	39.5	1.06	32.37
54.0-55.0	14.6	1.3	40.8	1.06	33.43
55.0-56.0	14.5	1.3	42.1	1.07	34.51
56.0-57.0	14.4	1.3	43.4	1.08	35.58
57.0-58.0	14.3	1.3	44.8	1.08	36.67
58.0-59.0	14.2	1.3	46.1	1.09	37.76
59.0-60.0	14.1	1.3	47.4	1.09	38.85
60.0-61.0	14.0	1.3	48.8	1.10	39.95
61.0-62.0	13.9	1.3	50.1	1.10	41.05
62.0-63.0	13.8	1.3	51.5	1.10	42.15
63.0-64.0	13.7	1.3	52.8	1.10	43.25
64.0-65.0	13.6	1.3	54.1	1.10	44.35
65.0-66.0	13.4	1.3	55.5	1.10	45.44
66.0-67.0	13.3	1.3	56.8	1.10	46.54
67.0-68.0	13.2	1.3	58.1	1.09	47.63
68.0-69.0	13.0	1.3	59.5	1.09	48.72
69.0-70.0	12.9	1.3	60.8	1.08	49.80
70.0-71.0	12.7	1.3	62.1	1.08	50.88
71.0-72.0	12.6	1.3	63.4	1.07	51.95

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	12.4	1.3	64.7	1.07	53.02
73.0-74.0	12.3	1.3	66.0	1.06	54.08
74.0-75.0	12.1	1.3	67.3	1.05	55.12
75.0-76.0	11.9	1.3	68.6	1.04	56.16
76.0-77.0	11.8	1.3	69.8	1.03	57.19
77.0-78.0	11.6	1.2	71.1	1.02	58.21
78.0-79.0	11.4	1.2	72.3	1.01	59.22
79.0-80.0	11.3	1.2	73.5	1.00	60.21
80.0-81.0	11.1	1.2	74.7	0.98	61.20
81.0-82.0	10.9	1.2	75.9	0.97	62.17
82.0-83.0	10.8	1.2	77.1	0.96	63.13
83.0-84.0	10.6	1.2	78.2	0.95	64.08
84.0-85.0	10.5	1.1	79.4	0.94	65.01
85.0-86.0	10.3	1.1	80.5	0.92	65.94
86.0-87.0	10.1	1.1	81.6	0.91	66.85
87.0-88.0	10.0	1.1	82.7	0.90	67.74
88.0-89.0	9.8	1.1	83.8	0.88	68.62
89.0-90.0	9.7	1.1	84.8	0.87	69.49
90.0-91.0	9.5	1.0	85.9	0.85	70.34
91.0-92.0	9.3	1.0	86.9	0.84	71.18
92.0-93.0	9.2	1.0	87.9	0.82	72.00
93.0-94.0	9.0	1.0	88.9	0.81	72.81
94.0-95.0	8.8	1.0	89.8	0.79	73.60
95.0-96.0	8.6	0.9	90.8	0.77	74.37
96.0-97.0	8.4	0.9	91.7	0.75	75.12
97.0-98.0	8.3	0.9	92.6	0.74	75.86
98.0-99.0	8.2	0.9	93.5	0.73	76.59
99.0-100.0	8.1	0.9	94.4	0.72	77.31
100.0-101.0	8.0	0.9	95.2	0.71	78.02
101.0-102.0	7.9	0.9	96.1	0.70	78.72
102.0-103.0	7.9	0.8	96.9	0.69	79.41
103.0-104.0	7.8	0.8	97.8	0.68	80.09
104.0-105.0	7.7	0.8	98.6	0.67	80.76
105.0-106.0	7.7	0.8	99.4	0.66	81.42
106.0-107.0	7.6	0.8	100.2	0.65	82.08
107.0-108.0	7.5	0.8	101.0	0.64	82.72

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	7.4	0.8	101.8	0.63	83.35
109.0-110.0	7.4	0.8	102.5	0.62	83.98
110.0-111.0	7.3	0.7	103.3	0.61	84.59
111.0-112.0	7.1	0.7	104.0	0.60	85.18
112.0-113.0	7.1	0.7	104.7	0.59	85.77
113.0-114.0	7.0	0.7	105.4	0.57	86.35
114.0-115.0	6.9	0.7	106.1	0.56	86.91
115.0-116.0	6.7	0.7	106.8	0.55	87.45
116.0-117.0	6.6	0.7	107.4	0.53	87.99
117.0-118.0	6.5	0.6	108.0	0.52	88.51
118.0-119.0	6.4	0.6	108.7	0.51	89.02
119.0-120.0	6.3	0.6	109.3	0.50	89.51
120.0-121.0	6.2	0.6	109.9	0.48	89.99
121.0-122.0	6.1	0.6	110.4	0.47	90.46
122.0-123.0	6.0	0.6	111.0	0.46	90.92
123.0-124.0	5.9	0.5	111.5	0.44	91.36
124.0-125.0	5.8	0.5	112.0	0.43	91.79
125.0-126.0	5.7	0.5	112.6	0.41	92.20
126.0-127.0	5.6	0.5	113.0	0.40	92.60
127.0-128.0	5.5	0.5	113.5	0.39	92.99
128.0-129.0	5.3	0.5	114.0	0.38	93.37
129.0-130.0	5.2	0.4	114.4	0.36	93.73
130.0-131.0	5.1	0.4	114.9	0.35	94.08
131.0-132.0	5.0	0.4	115.3	0.34	94.42
132.0-133.0	4.9	0.4	115.7	0.33	94.75
133.0-134.0	4.8	0.4	116.0	0.31	95.06
134.0-135.0	4.7	0.4	116.4	0.30	95.37
135.0-136.0	4.6	0.4	116.8	0.29	95.66
136.0-137.0	4.5	0.3	117.1	0.28	95.94
137.0-138.0	4.4	0.3	117.4	0.27	96.21
138.0-139.0	4.3	0.3	117.8	0.26	96.46
139.0-140.0	4.2	0.3	118.1	0.25	96.71
140.0-141.0	4.2	0.3	118.4	0.24	96.95
141.0-142.0	4.1	0.3	118.6	0.23	97.18
142.0-143.0	4.0	0.3	118.9	0.22	97.39
143.0-144.0	3.9	0.3	119.1	0.21	97.60

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	3.8	0.2	119.4	0.20	97.80
145.0-146.0	3.7	0.2	119.6	0.19	97.98
146.0-147.0	3.5	0.2	119.8	0.18	98.16
147.0-148.0	3.4	0.2	120.0	0.16	98.32
148.0-149.0	3.2	0.2	120.2	0.15	98.48
149.0-150.0	3.1	0.2	120.4	0.14	98.62
150.0-151.0	2.9	0.2	120.5	0.13	98.75
151.0-152.0	2.8	0.1	120.7	0.12	98.87
152.0-153.0	2.7	0.1	120.8	0.11	98.98
153.0-154.0	2.6	0.1	121.0	0.10	99.08
154.0-155.0	2.5	0.1	121.1	0.10	99.18
155.0-156.0	2.4	0.1	121.2	0.09	99.27
156.0-157.0	2.3	0.1	121.3	0.08	99.35
157.0-158.0	2.2	0.1	121.4	0.08	99.43
158.0-159.0	2.2	0.1	121.5	0.07	99.50
159.0-160.0	2.1	0.1	121.5	0.07	99.57
160.0-161.0	2.0	0.1	121.6	0.06	99.63
161.0-162.0	1.9	0.1	121.7	0.05	99.68
162.0-163.0	1.8	0.1	121.7	0.05	99.73
163.0-164.0	1.8	0.1	121.8	0.04	99.78
164.0-165.0	1.7	0.0	121.9	0.04	99.82
165.0-166.0	1.6	0.0	121.9	0.04	99.85
166.0-167.0	1.4	0.0	121.9	0.03	99.88
167.0-168.0	1.3	0.0	122.0	0.03	99.91
168.0-169.0	1.2	0.0	122.0	0.02	99.93
169.0-170.0	1.0	0.0	122.0	0.02	99.95
170.0-171.0	0.9	0.0	122.0	0.01	99.96
171.0-172.0	0.8	0.0	122.0	0.01	99.97
172.0-173.0	0.7	0.0	122.0	0.01	99.98
173.0-174.0	0.7	0.0	122.1	0.01	99.98
174.0-175.0	0.6	0.0	122.1	0.01	99.99
175.0-176.0	0.6	0.0	122.1	0.00	99.99
176.0-177.0	0.5	0.0	122.1	0.00	100.00
177.0-178.0	0.5	0.0	122.1	0.00	100.00
178.0-179.0	0.4	0.0	122.1	0.00	100.00
179.0-180.0	0.4	0.0	122.1	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: