

Report No.:

Test Time: 2020/12/28 14:54

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Apex

Luminaire Description: NEON+RB0VWS2205.0VW-10N-2200

Lamp Catalog: 10N-2200K

Number of Lamps: 140

Luminous Width (mm): 16

Voltage: 24.0 V

Power: 4.28 W

Lamp Description: 3527 2IN1

Luminous Length (mm): 500

Luminous Height (mm): 15

Current: 0.178 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 104.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H160.5,H112.1

Vertical Diffuse Angle(10%,50%): V160.9,V112.3

Luminaire Efficacy Rating (LER): 24

Max. Intensity: 36.42 cd

Total Rated Lamp Lumens: 104.5 lm

Efficiency: 100%

Upward Ratio: 1%

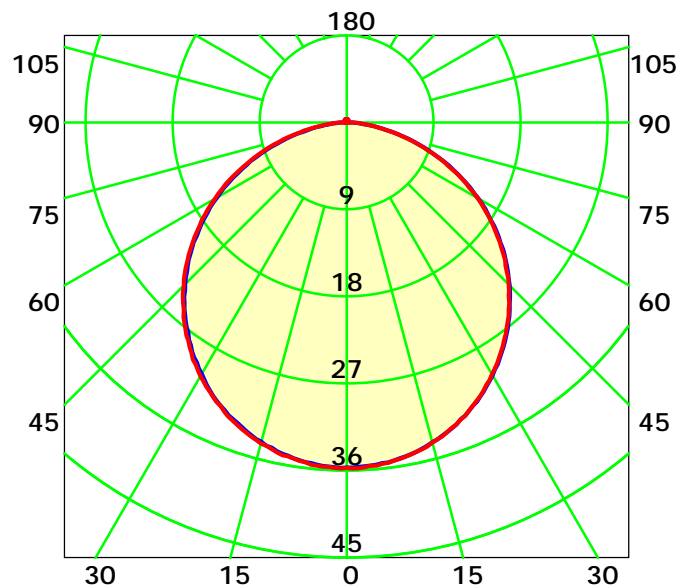
Central Intensity: 36.24 cd

Pos of Max. Intensity: H330 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 112.2° 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

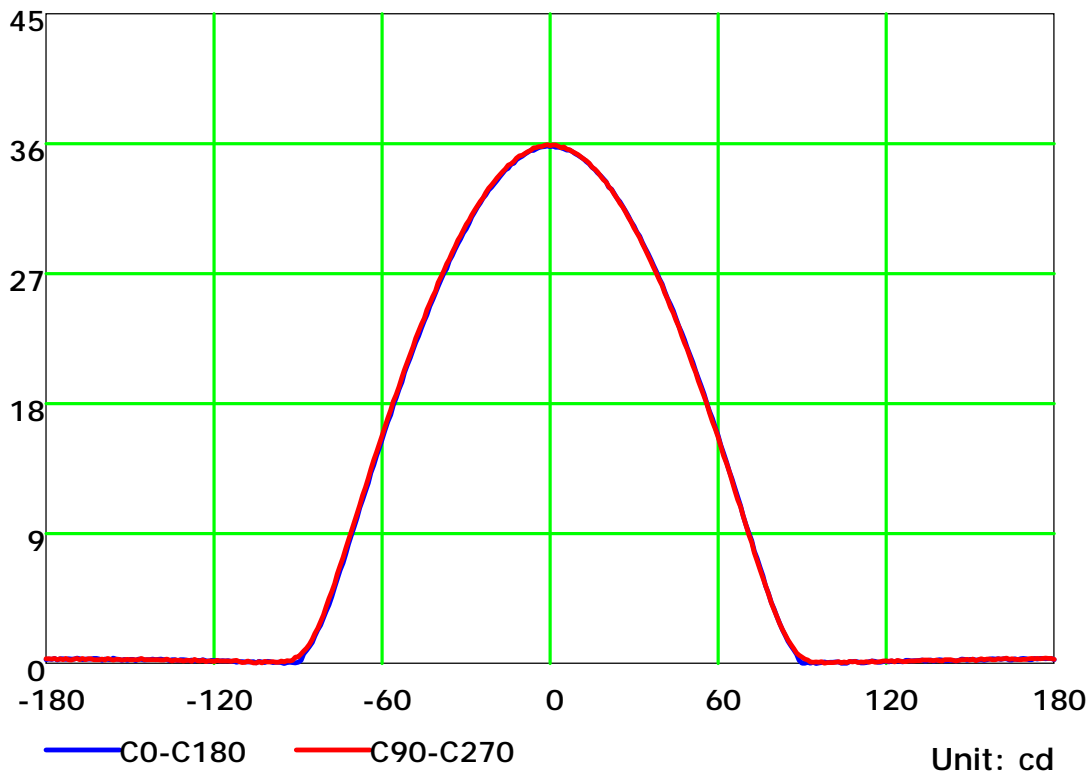
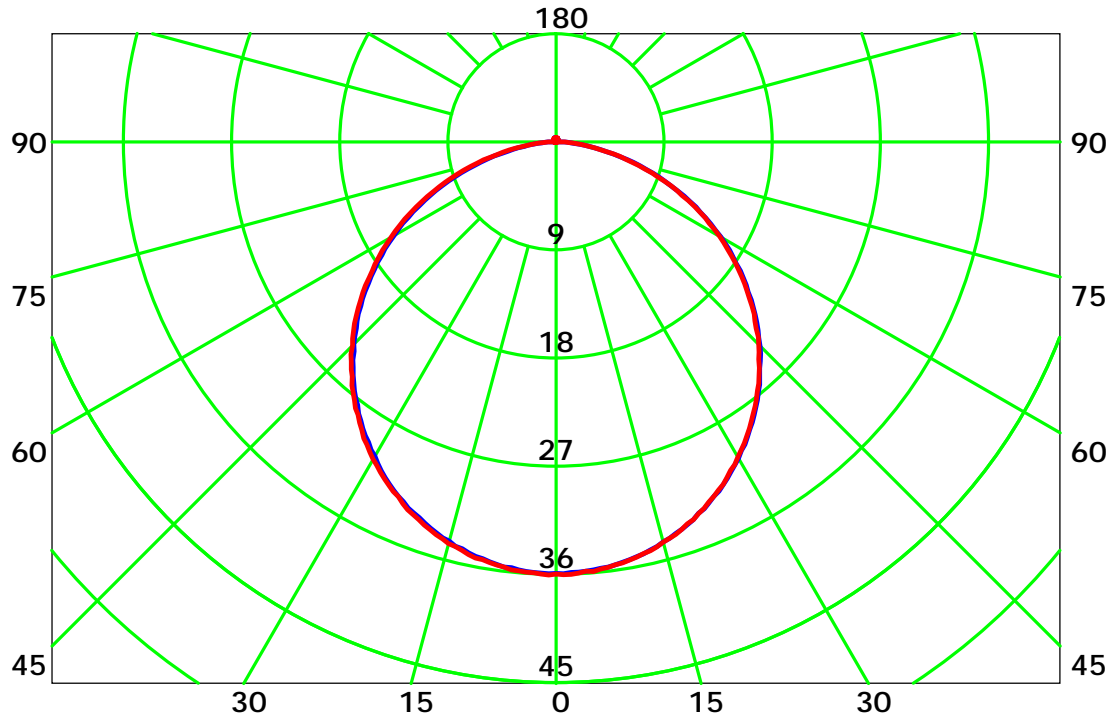
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

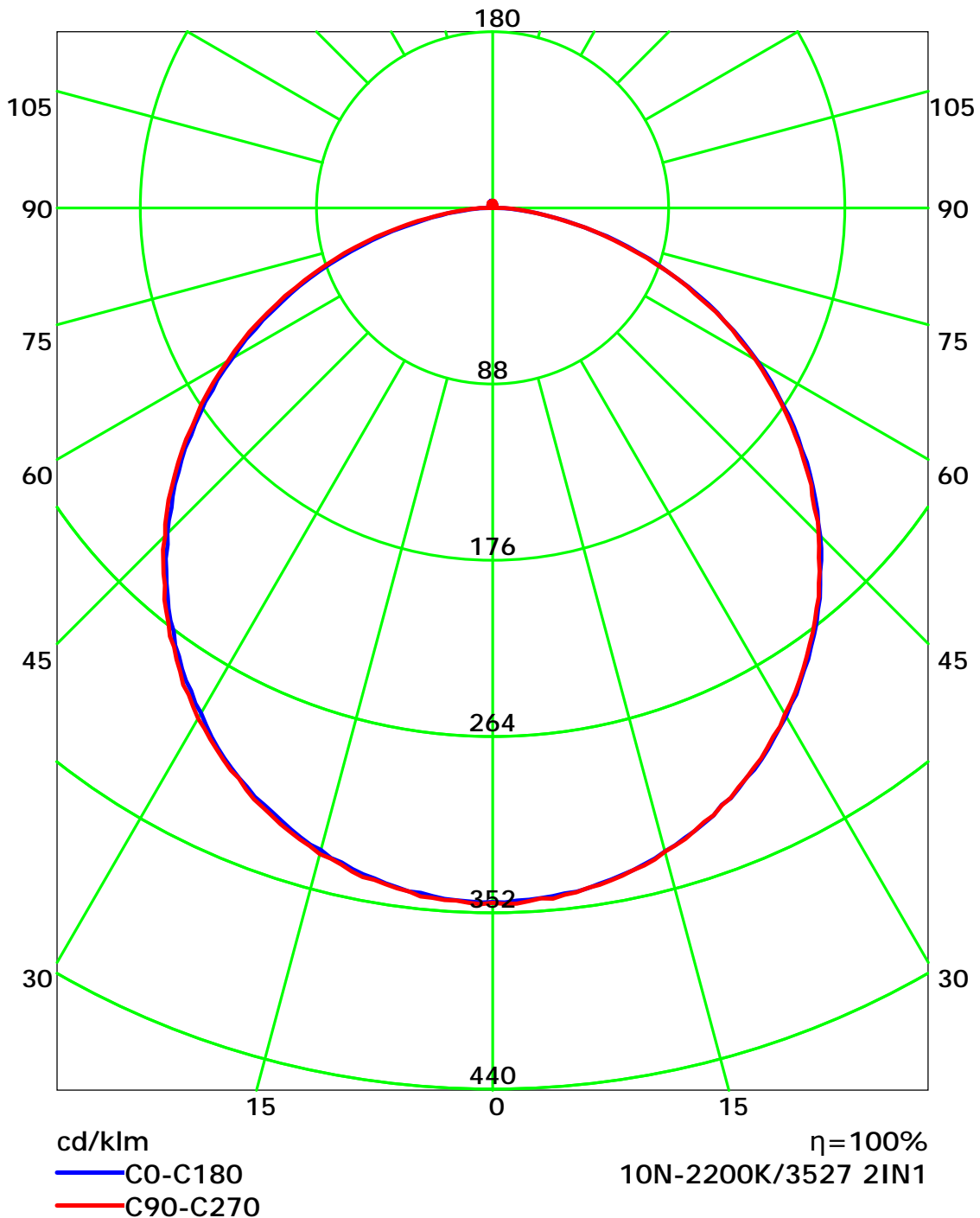
Luminous Intensity Distribution Curve



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:

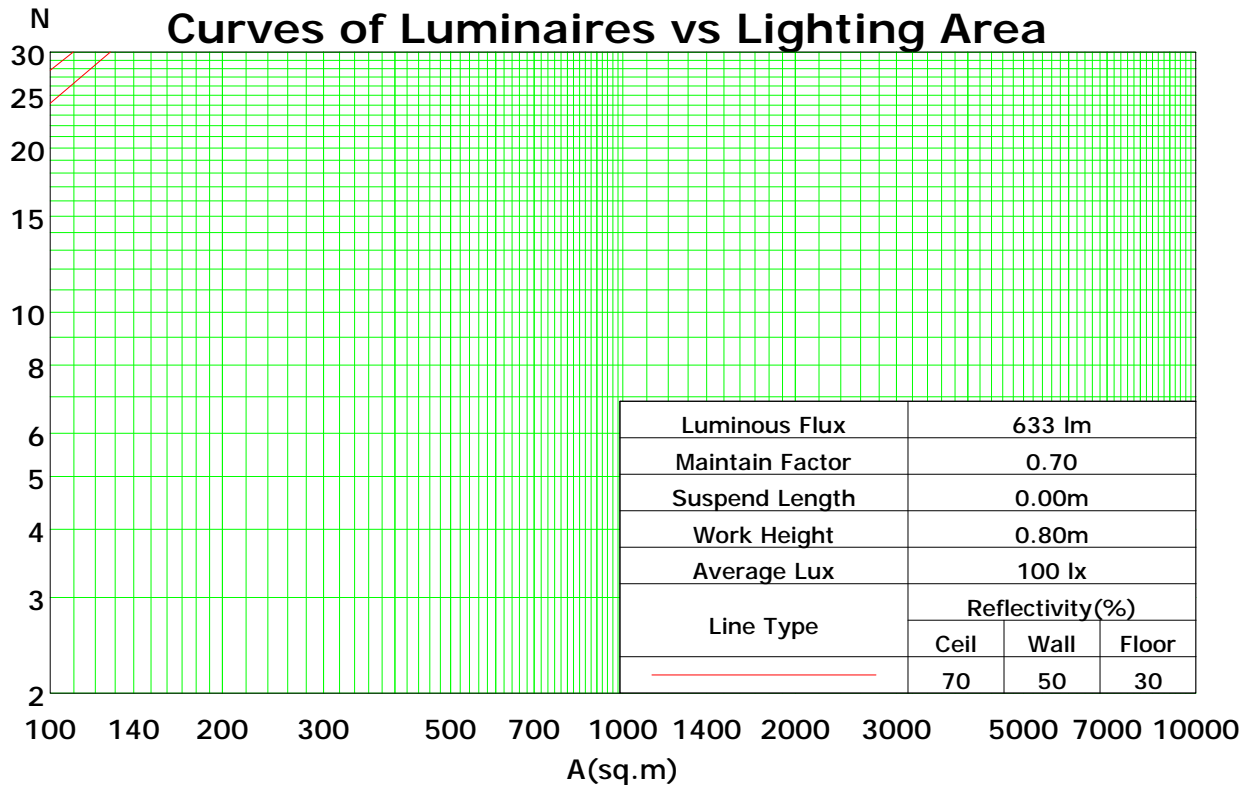
Coefficients Of Utilization - Zonal Cavity Method

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	101	101	101	99
1	108	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	74	68	63	71	66	61	69	64	60	58
4	82	70	61	55	80	69	61	54	66	59	53	64	57	52	61	56	52	49
5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.26

Spacing Criteria (Diagonal): 1.37



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

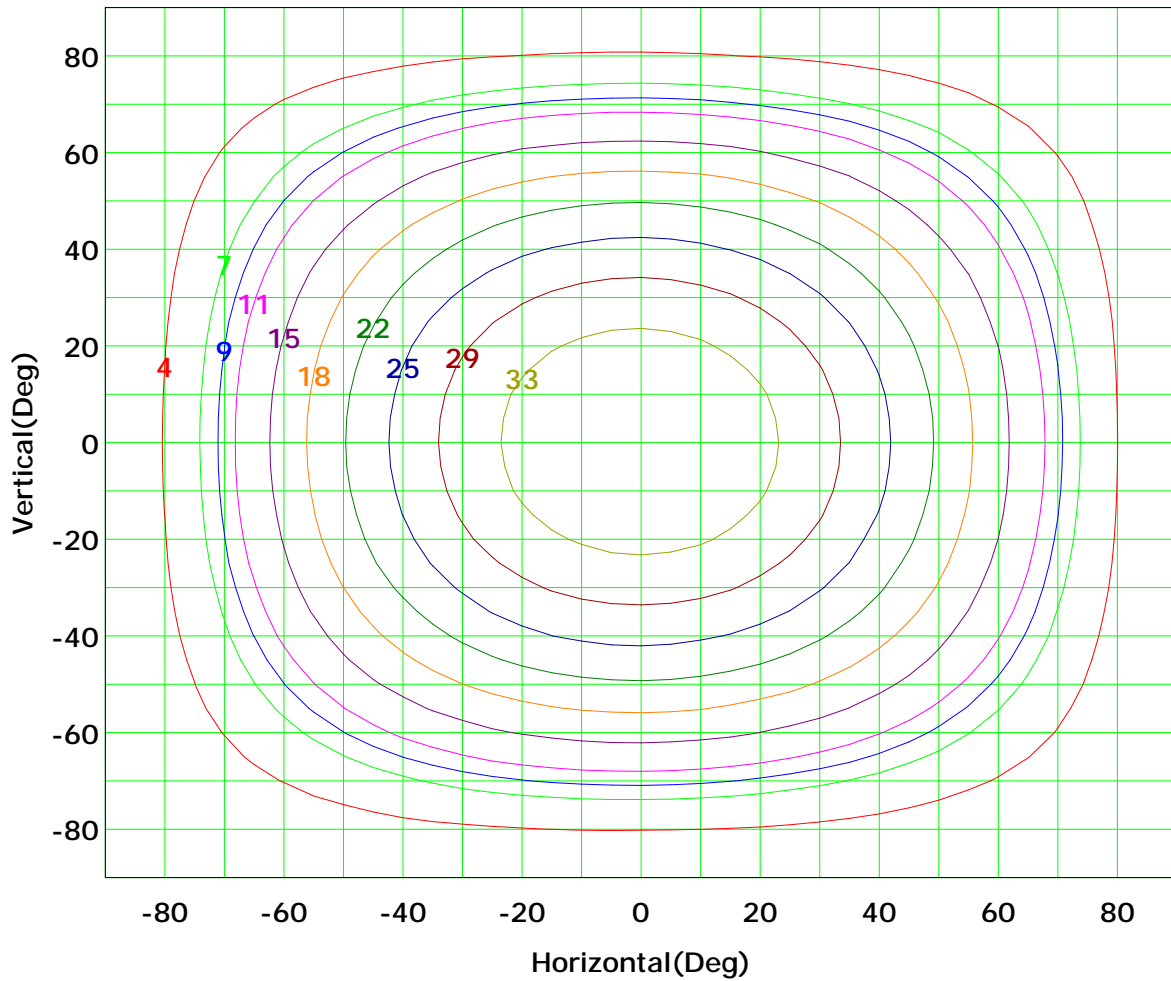
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 36 cd

(10%):	4 cd	(20%):	7 cd
(25%):	9 cd	(30%):	11 cd
(40%):	15 cd	(50%):	18 cd
(60%):	22 cd	(70%):	25 cd
(80%):	29 cd	(90%):	33 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

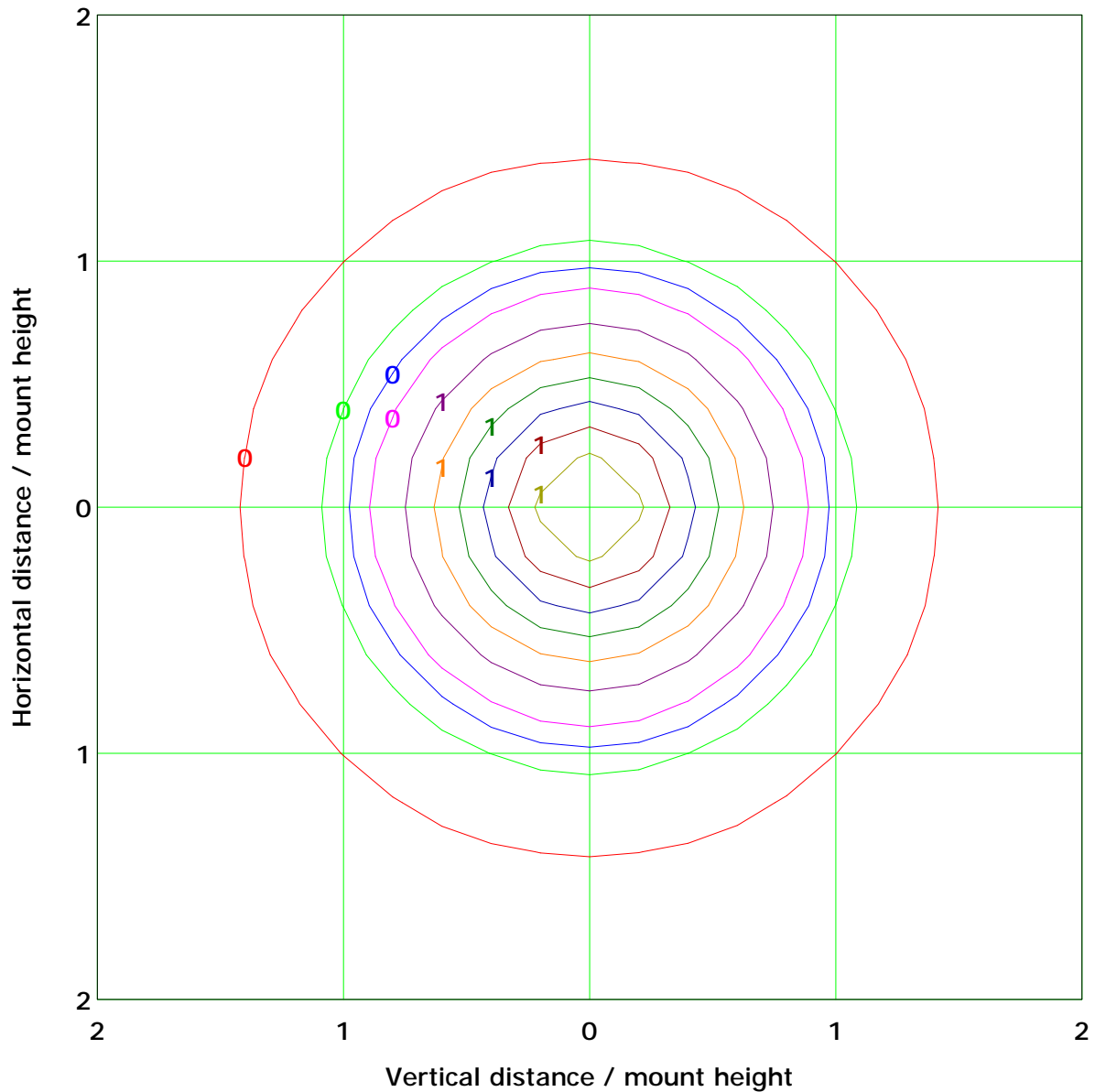
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 1.5 lx

(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.4 lx
(40%): 0.6 lx	(50%): 0.7 lx
(60%): 0.9 lx	(70%): 1.0 lx
(80%): 1.2 lx	(90%): 1.3 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

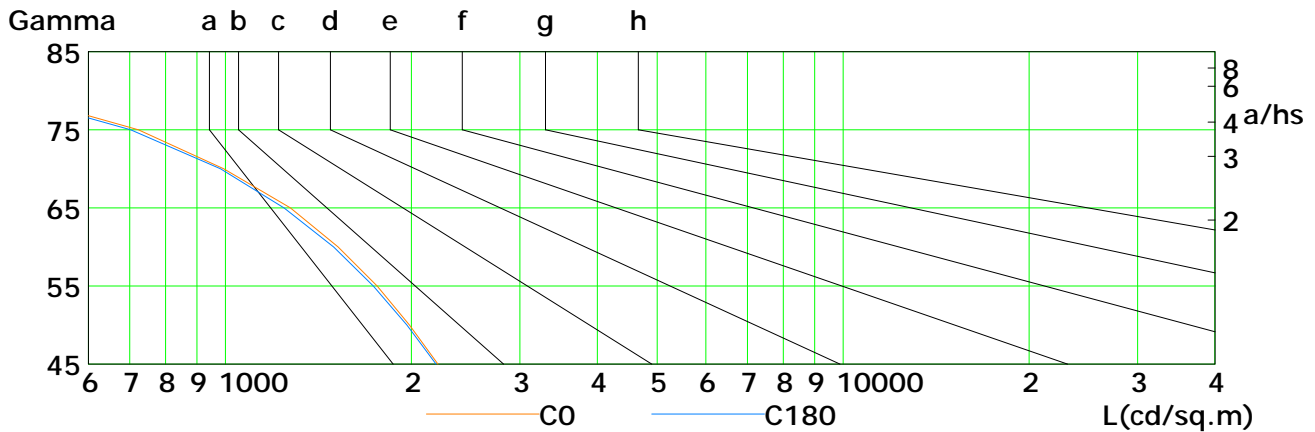
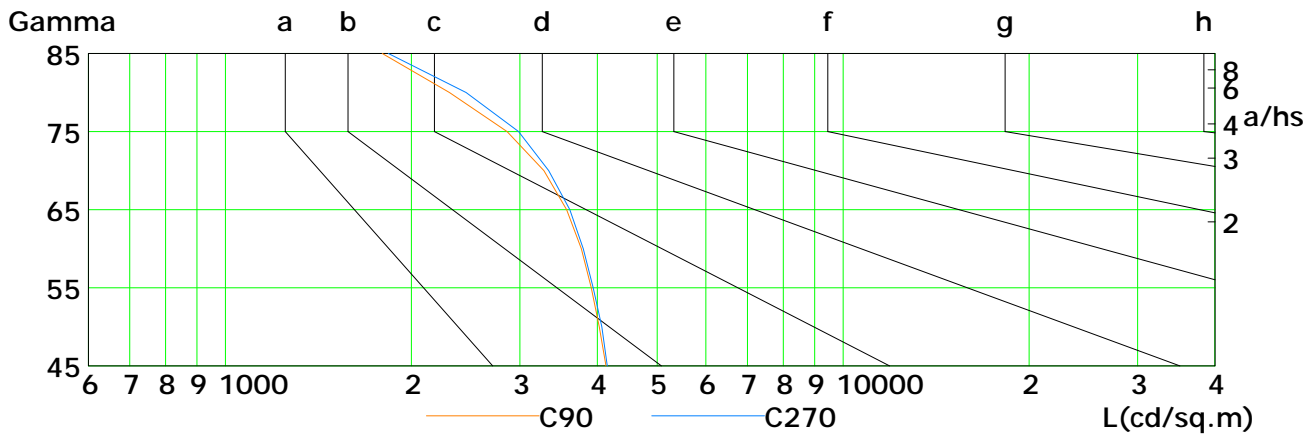
Humidity: 60%

Inspector:

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	2209	1988	1761	1523	1274	994	724	435	192
C90	4133	4033	3914	3769	3571	3279	2858	2307	1794
C180	2193	1967	1736	1497	1245	983	703	418	184
C270	4153	4070	3941	3798	3613	3339	2984	2455	1837

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

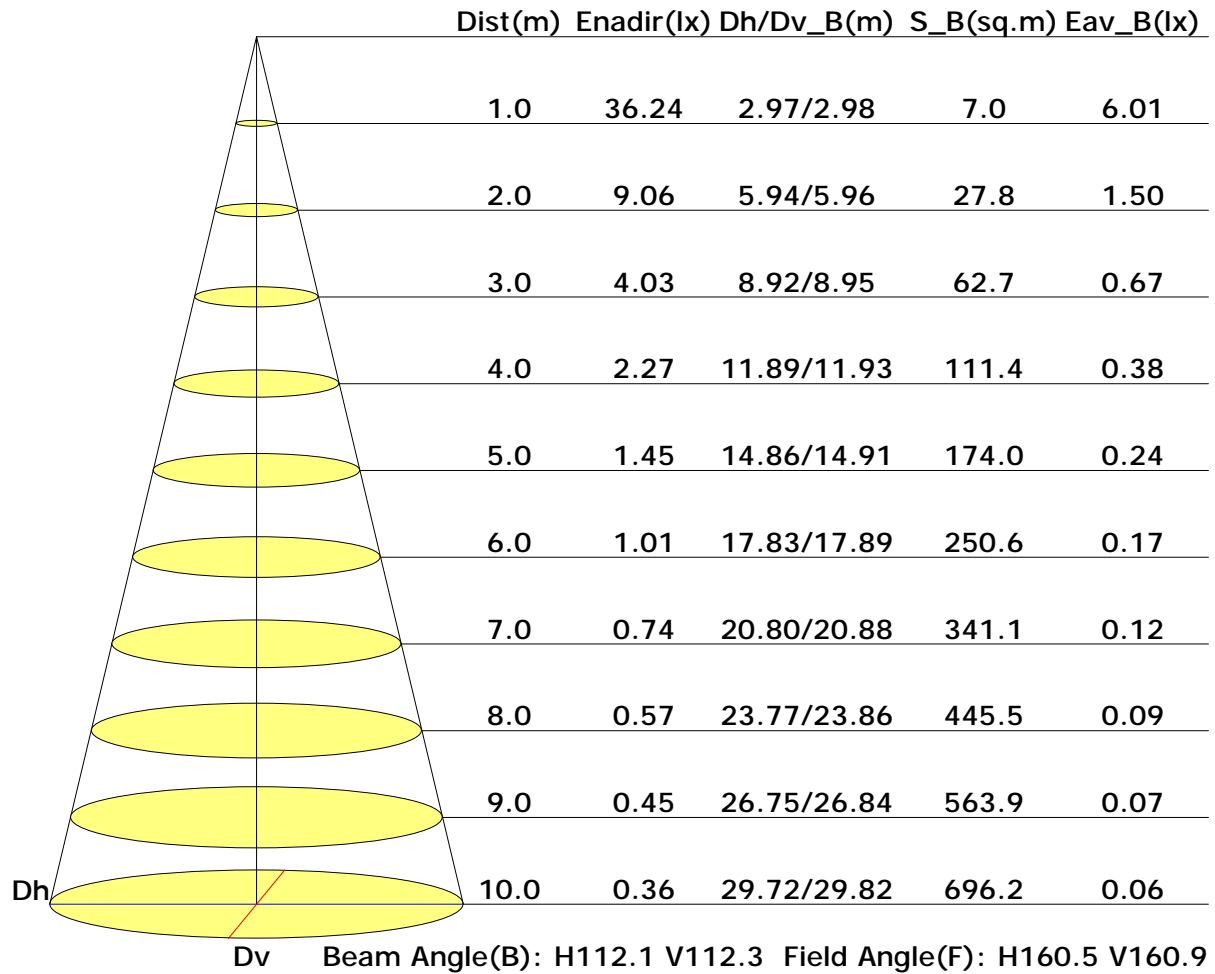
Test Device: GPM-1800B

Distance: 9.028 m

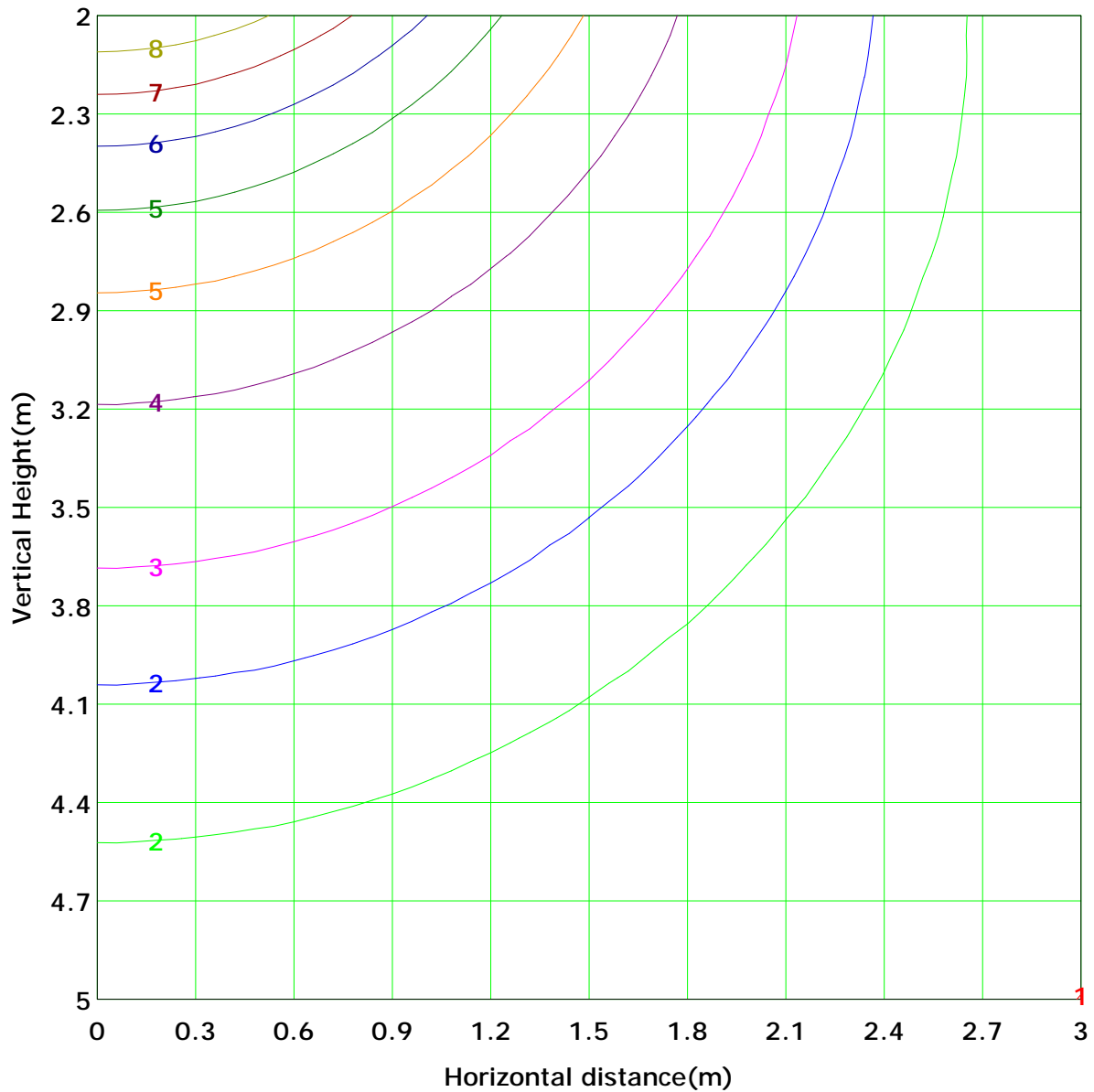
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 9.1 lx
(10%): 0.9 lx	(20%): 1.8 lx	
(25%): 2.3 lx	(30%): 2.7 lx	
(40%): 3.6 lx	(50%): 4.5 lx	
(60%): 5.4 lx	(70%): 6.3 lx	
(80%): 7.2 lx	(90%): 8.2 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:

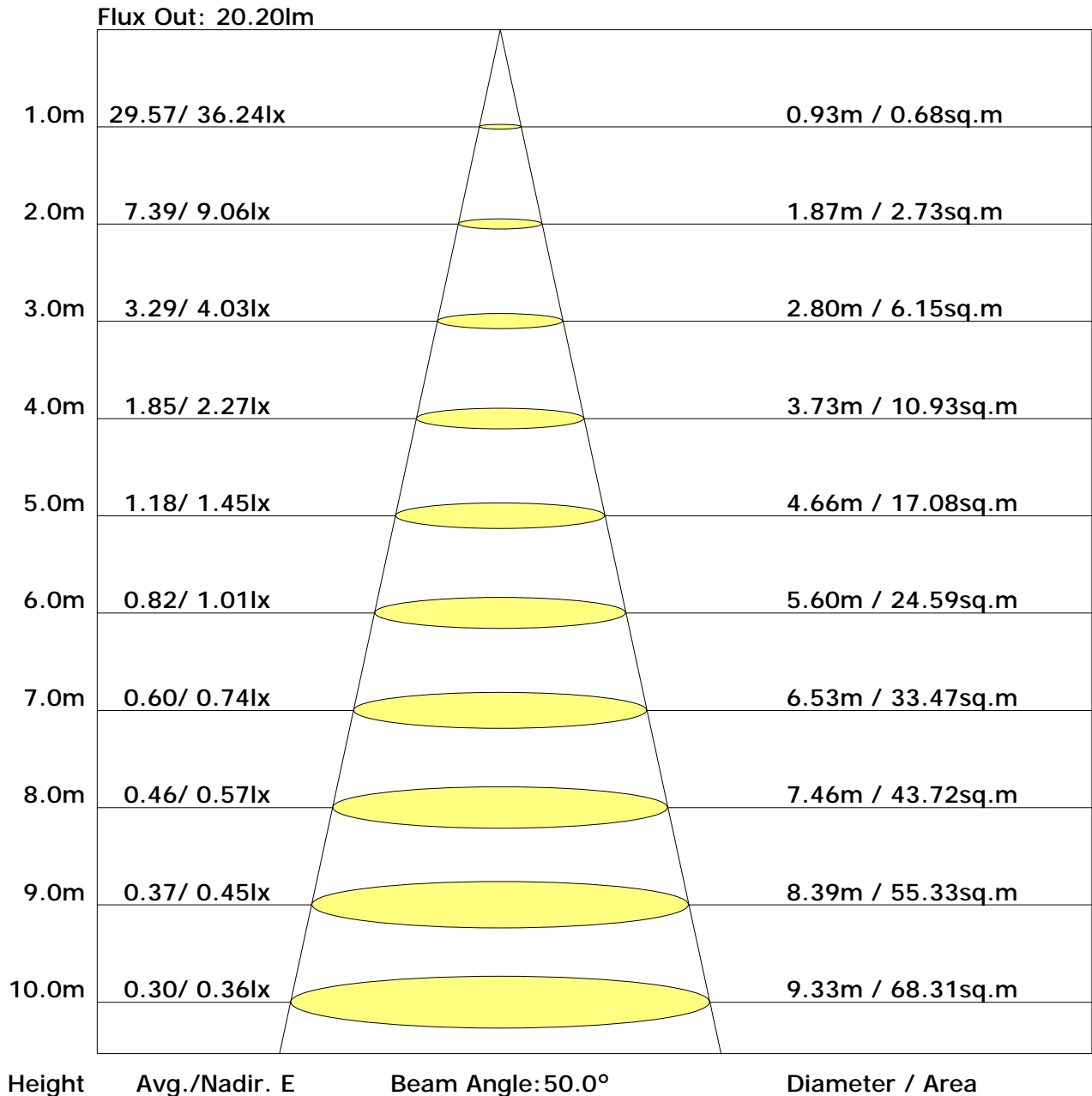
Unit: 1m

[illegible]

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:

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	23.5	25.1	23.8	25.4	25.8	21.7	23.3	22.1	23.7	24.0
3H	25.2	26.7	25.6	27.0	27.4	23.1	24.5	23.5	24.9	25.3
4H	25.8	27.2	26.2	27.6	28.0	23.5	24.8	23.9	25.2	25.6
6H	26.2	27.5	26.7	27.9	28.3	23.7	24.9	24.1	25.3	25.8
8H	26.3	27.6	26.8	28.0	28.4	23.7	24.9	24.2	25.3	25.8
12H	26.4	27.6	26.9	28.0	28.4	23.7	24.9	24.2	25.3	25.8
X=4H Y=2H	23.8	25.2	24.2	25.5	26.0	22.4	23.7	22.8	24.1	24.5
3H	25.7	26.8	26.1	27.3	27.7	23.9	25.0	24.3	25.4	25.9
4H	26.4	27.4	26.8	27.9	28.3	24.3	25.4	24.8	25.8	26.3
6H	26.9	27.8	27.4	28.3	28.7	24.6	25.5	25.1	26.0	26.5
8H	27.0	27.9	27.5	28.3	28.8	24.7	25.5	25.2	26.0	26.5
12H	27.1	27.9	27.6	28.4	28.9	24.7	25.5	25.2	26.0	26.5
X=8H Y=4H	26.5	27.3	27.0	27.8	28.3	24.6	25.4	25.1	25.9	26.4
6H	27.0	27.7	27.6	28.3	28.8	24.9	25.6	25.4	26.1	26.7
8H	27.2	27.8	27.7	28.4	28.9	25.0	25.6	25.5	26.2	26.7
12H	27.3	27.9	27.9	28.4	29.0	25.1	25.6	25.6	26.1	26.7
X=12H Y=4H	26.5	27.3	27.0	27.7	28.2	24.6	25.4	25.1	25.9	26.4
6H	27.0	27.7	27.6	28.2	28.7	25.0	25.6	25.5	26.1	26.6
8H	27.2	27.8	27.8	28.3	28.9	25.1	25.6	25.6	26.1	26.7

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	0.56	0.67	0.74	0.79	0.87	0.92	0.95	1.00	1.03
	0.30		0.48	0.59	0.67	0.72	0.81	0.86	0.90	0.96	0.99
	0.20		0.43	0.53	0.61	0.67	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.98
	0.30		0.47	0.58	0.65	0.70	0.78	0.83	0.87	0.92	0.95
	0.20		0.42	0.52	0.60	0.66	0.74	0.79	0.84	0.89	0.93
0.30	0.50	0.20	0.53	0.62	0.69	0.74	0.80	0.85	0.88	0.92	0.94
	0.30		0.47	0.56	0.63	0.69	0.76	0.81	0.84	0.89	0.92
	0.20		0.42	0.52	0.59	0.64	0.72	0.77	0.81	0.87	0.90
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
<p>Rating: 4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	1.00	0.82	0.70	0.61	0.49	0.40	0.35	0.27	0.22
	0.30		0.83	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.21
	0.20		0.71	0.62	0.54	0.48	0.40	0.34	0.30	0.24	0.20
0.50	0.50	0.20	0.96	0.79	0.67	0.58	0.46	0.42	0.33	0.25	0.21
	0.30		0.81	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.93	0.76	0.64	0.56	0.44	0.37	0.31	0.24	0.20
	0.30		0.79	0.67	0.58	0.51	0.41	0.34	0.29	0.23	0.19
	0.20		0.70	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.59	0.50	0.43	0.38	0.30	0.25	0.22	0.17	0.14
<p>Rating: 4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.20	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
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	36.3	0.0	0.0	0.03	0.03
1.0-2.0	36.3	0.1	0.1	0.10	0.13
2.0-3.0	36.3	0.2	0.3	0.17	0.30
3.0-4.0	36.2	0.2	0.6	0.23	0.53
4.0-5.0	36.2	0.3	0.9	0.30	0.83
5.0-6.0	36.1	0.4	1.2	0.36	1.19
6.0-7.0	36.0	0.4	1.7	0.43	1.62
7.0-8.0	35.9	0.5	2.2	0.49	2.11
8.0-9.0	35.9	0.6	2.8	0.56	2.67
9.0-10.0	35.7	0.6	3.4	0.62	3.29
10.0-11.0	35.6	0.7	4.1	0.68	3.97
11.0-12.0	35.5	0.8	4.9	0.74	4.71
12.0-13.0	35.3	0.8	5.8	0.80	5.51
13.0-14.0	35.1	0.9	6.7	0.86	6.37
14.0-15.0	34.9	1.0	7.6	0.92	7.29
15.0-16.0	34.7	1.0	8.6	0.97	8.26
16.0-17.0	34.5	1.1	9.7	1.03	9.29
17.0-18.0	34.3	1.1	10.8	1.08	10.38
18.0-19.0	34.1	1.2	12.0	1.14	11.51
19.0-20.0	33.9	1.2	13.3	1.19	12.70
20.0-21.0	33.6	1.3	14.6	1.23	13.93
21.0-22.0	33.3	1.3	15.9	1.28	15.21
22.0-23.0	33.1	1.4	17.3	1.33	16.54
23.0-24.0	32.8	1.4	18.7	1.37	17.91
24.0-25.0	32.5	1.5	20.2	1.41	19.33
25.0-26.0	32.2	1.5	21.7	1.45	20.78
26.0-27.0	31.9	1.6	23.3	1.49	22.27
27.0-28.0	31.5	1.6	24.9	1.53	23.80
28.0-29.0	31.2	1.6	26.5	1.56	25.36
29.0-30.0	30.8	1.7	28.2	1.59	26.95
30.0-31.0	30.5	1.7	29.9	1.62	28.57
31.0-32.0	30.1	1.7	31.6	1.65	30.22
32.0-33.0	29.7	1.8	33.3	1.67	31.90
33.0-34.0	29.3	1.8	35.1	1.70	33.60
34.0-35.0	28.9	1.8	36.9	1.72	35.31
35.0-36.0	28.5	1.8	38.7	1.74	37.05

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	28.1	1.8	40.6	1.75	38.80
37.0-38.0	27.7	1.8	42.4	1.77	40.57
38.0-39.0	27.2	1.9	44.3	1.78	42.35
39.0-40.0	26.8	1.9	46.1	1.79	44.13
40.0-41.0	26.3	1.9	48.0	1.79	45.92
41.0-42.0	25.8	1.9	49.9	1.79	47.72
42.0-43.0	25.4	1.9	51.8	1.80	49.52
43.0-44.0	24.9	1.9	53.6	1.80	51.31
44.0-45.0	24.4	1.9	55.5	1.79	53.11
45.0-46.0	23.9	1.9	57.4	1.79	54.89
46.0-47.0	23.4	1.9	59.2	1.78	56.67
47.0-48.0	22.9	1.8	61.1	1.77	58.44
48.0-49.0	22.4	1.8	62.9	1.76	60.20
49.0-50.0	21.8	1.8	64.7	1.74	61.94
50.0-51.0	21.3	1.8	66.5	1.72	63.66
51.0-52.0	20.7	1.8	68.3	1.70	65.37
52.0-53.0	20.2	1.8	70.1	1.68	67.05
53.0-54.0	19.6	1.7	71.8	1.66	68.70
54.0-55.0	19.1	1.7	73.5	1.63	70.33
55.0-56.0	18.5	1.7	75.2	1.60	71.93
56.0-57.0	17.9	1.6	76.8	1.57	73.50
57.0-58.0	17.4	1.6	78.4	1.54	75.04
58.0-59.0	16.8	1.6	80.0	1.50	76.54
59.0-60.0	16.2	1.5	81.5	1.46	78.00
60.0-61.0	15.6	1.5	83.0	1.42	79.43
61.0-62.0	15.0	1.4	84.5	1.38	80.81
62.0-63.0	14.4	1.4	85.9	1.34	82.15
63.0-64.0	13.8	1.4	87.2	1.29	83.44
64.0-65.0	13.2	1.3	88.5	1.25	84.69
65.0-66.0	12.6	1.3	89.8	1.20	85.89
66.0-67.0	11.9	1.2	91.0	1.15	87.03
67.0-68.0	11.3	1.1	92.1	1.10	88.13
68.0-69.0	10.7	1.1	93.2	1.04	89.17
69.0-70.0	10.0	1.0	94.2	0.99	90.16
70.0-71.0	9.4	1.0	95.2	0.93	91.09
71.0-72.0	8.8	0.9	96.1	0.88	91.96

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	8.2	0.9	97.0	0.82	92.78
73.0-74.0	7.6	0.8	97.8	0.76	93.54
74.0-75.0	6.9	0.7	98.5	0.70	94.24
75.0-76.0	6.3	0.7	99.2	0.64	94.89
76.0-77.0	5.7	0.6	99.8	0.59	95.47
77.0-78.0	5.2	0.6	100.4	0.53	96.00
78.0-79.0	4.6	0.5	100.8	0.47	96.47
79.0-80.0	4.0	0.4	101.3	0.42	96.89
80.0-81.0	3.5	0.4	101.7	0.37	97.26
81.0-82.0	3.0	0.3	102.0	0.31	97.57
82.0-83.0	2.6	0.3	102.3	0.27	97.84
83.0-84.0	2.1	0.2	102.5	0.22	98.06
84.0-85.0	1.8	0.2	102.7	0.18	98.24
85.0-86.0	1.4	0.2	102.8	0.15	98.39
86.0-87.0	1.1	0.1	103.0	0.12	98.51
87.0-88.0	0.8	0.1	103.1	0.09	98.59
88.0-89.0	0.6	0.1	103.1	0.06	98.66
89.0-90.0	0.4	0.0	103.2	0.05	98.70
90.0-91.0	0.3	0.0	103.2	0.04	98.74
91.0-92.0	0.3	0.0	103.2	0.03	98.77
92.0-93.0	0.2	0.0	103.3	0.02	98.79
93.0-94.0	0.2	0.0	103.3	0.02	98.81
94.0-95.0	0.2	0.0	103.3	0.02	98.83
95.0-96.0	0.2	0.0	103.3	0.02	98.85
96.0-97.0	0.2	0.0	103.3	0.02	98.87
97.0-98.0	0.2	0.0	103.4	0.02	98.89
98.0-99.0	0.2	0.0	103.4	0.02	98.90
99.0-100.0	0.2	0.0	103.4	0.02	98.92
100.0-101.0	0.1	0.0	103.4	0.02	98.93
101.0-102.0	0.1	0.0	103.4	0.01	98.95
102.0-103.0	0.1	0.0	103.4	0.01	98.96
103.0-104.0	0.2	0.0	103.5	0.02	98.98
104.0-105.0	0.2	0.0	103.5	0.02	98.99
105.0-106.0	0.1	0.0	103.5	0.01	99.01
106.0-107.0	0.2	0.0	103.5	0.02	99.02
107.0-108.0	0.2	0.0	103.5	0.02	99.04

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	0.2	0.0	103.5	0.02	99.06
109.0-110.0	0.2	0.0	103.6	0.01	99.07
110.0-111.0	0.2	0.0	103.6	0.02	99.09
111.0-112.0	0.2	0.0	103.6	0.02	99.10
112.0-113.0	0.2	0.0	103.6	0.02	99.12
113.0-114.0	0.2	0.0	103.6	0.02	99.13
114.0-115.0	0.2	0.0	103.6	0.02	99.15
115.0-116.0	0.2	0.0	103.7	0.02	99.17
116.0-117.0	0.2	0.0	103.7	0.02	99.19
117.0-118.0	0.2	0.0	103.7	0.02	99.20
118.0-119.0	0.2	0.0	103.7	0.02	99.22
119.0-120.0	0.2	0.0	103.7	0.02	99.24
120.0-121.0	0.2	0.0	103.8	0.02	99.25
121.0-122.0	0.2	0.0	103.8	0.02	99.27
122.0-123.0	0.2	0.0	103.8	0.02	99.29
123.0-124.0	0.2	0.0	103.8	0.02	99.31
124.0-125.0	0.2	0.0	103.8	0.02	99.32
125.0-126.0	0.2	0.0	103.8	0.02	99.34
126.0-127.0	0.2	0.0	103.9	0.02	99.36
127.0-128.0	0.2	0.0	103.9	0.02	99.38
128.0-129.0	0.2	0.0	103.9	0.02	99.40
129.0-130.0	0.2	0.0	103.9	0.02	99.41
130.0-131.0	0.2	0.0	103.9	0.02	99.43
131.0-132.0	0.2	0.0	104.0	0.02	99.45
132.0-133.0	0.2	0.0	104.0	0.02	99.47
133.0-134.0	0.2	0.0	104.0	0.02	99.49
134.0-135.0	0.2	0.0	104.0	0.02	99.50
135.0-136.0	0.2	0.0	104.0	0.02	99.52
136.0-137.0	0.2	0.0	104.0	0.02	99.54
137.0-138.0	0.3	0.0	104.1	0.02	99.56
138.0-139.0	0.3	0.0	104.1	0.02	99.57
139.0-140.0	0.2	0.0	104.1	0.02	99.59
140.0-141.0	0.3	0.0	104.1	0.02	99.61
141.0-142.0	0.3	0.0	104.1	0.02	99.63
142.0-143.0	0.3	0.0	104.2	0.02	99.64
143.0-144.0	0.3	0.0	104.2	0.02	99.66

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	0.3	0.0	104.2	0.02	99.68
145.0-146.0	0.3	0.0	104.2	0.02	99.69
146.0-147.0	0.3	0.0	104.2	0.02	99.71
147.0-148.0	0.3	0.0	104.2	0.02	99.72
148.0-149.0	0.3	0.0	104.3	0.02	99.74
149.0-150.0	0.3	0.0	104.3	0.02	99.75
150.0-151.0	0.3	0.0	104.3	0.01	99.77
151.0-152.0	0.3	0.0	104.3	0.01	99.78
152.0-153.0	0.3	0.0	104.3	0.01	99.80
153.0-154.0	0.3	0.0	104.3	0.01	99.81
154.0-155.0	0.3	0.0	104.3	0.01	99.82
155.0-156.0	0.3	0.0	104.4	0.01	99.84
156.0-157.0	0.3	0.0	104.4	0.01	99.85
157.0-158.0	0.3	0.0	104.4	0.01	99.86
158.0-159.0	0.3	0.0	104.4	0.01	99.87
159.0-160.0	0.3	0.0	104.4	0.01	99.88
160.0-161.0	0.3	0.0	104.4	0.01	99.89
161.0-162.0	0.3	0.0	104.4	0.01	99.91
162.0-163.0	0.3	0.0	104.4	0.01	99.92
163.0-164.0	0.3	0.0	104.5	0.01	99.92
164.0-165.0	0.3	0.0	104.5	0.01	99.93
165.0-166.0	0.3	0.0	104.5	0.01	99.94
166.0-167.0	0.3	0.0	104.5	0.01	99.95
167.0-168.0	0.3	0.0	104.5	0.01	99.96
168.0-169.0	0.3	0.0	104.5	0.01	99.96
169.0-170.0	0.3	0.0	104.5	0.01	99.97
170.0-171.0	0.3	0.0	104.5	0.01	99.98
171.0-172.0	0.3	0.0	104.5	0.01	99.98
172.0-173.0	0.3	0.0	104.5	0.00	99.98
173.0-174.0	0.3	0.0	104.5	0.00	99.99
174.0-175.0	0.3	0.0	104.5	0.00	99.99
175.0-176.0	0.3	0.0	104.5	0.00	100.00
176.0-177.0	0.3	0.0	104.5	0.00	100.00
177.0-178.0	0.3	0.0	104.5	0.00	100.00
178.0-179.0	0.3	0.0	104.5	0.00	100.00
179.0-180.0	0.3	0.0	104.5	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: