

Report No.:

Test Time: 2023/4/20 16:33

## Luminaire Property

Luminaire Manufacturer: ACOLYTE  
Luminaire Category: RIBBONLYTE  
Lamp Catalog: 4000k  
Luminous Width (mm): 20.5  
Voltage: 24.0 V  
Power: 6.21 W

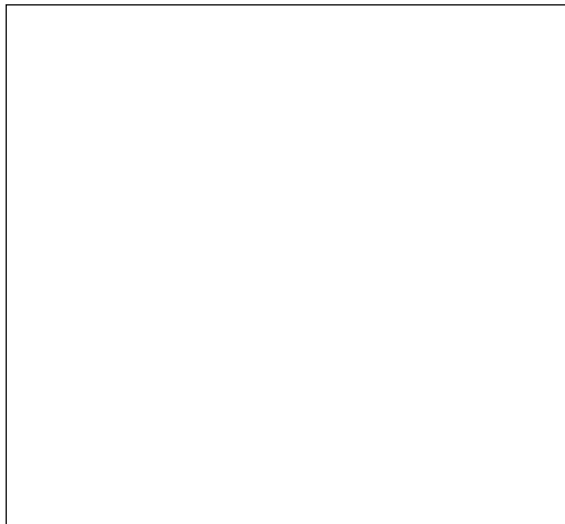
Luminaire Description: RB90SWX675.84030  
Luminous Length (mm): 320  
Luminous Height (mm): 14  
Current: 0.259 A  
Power Factor: 1.000

## Photometric Results

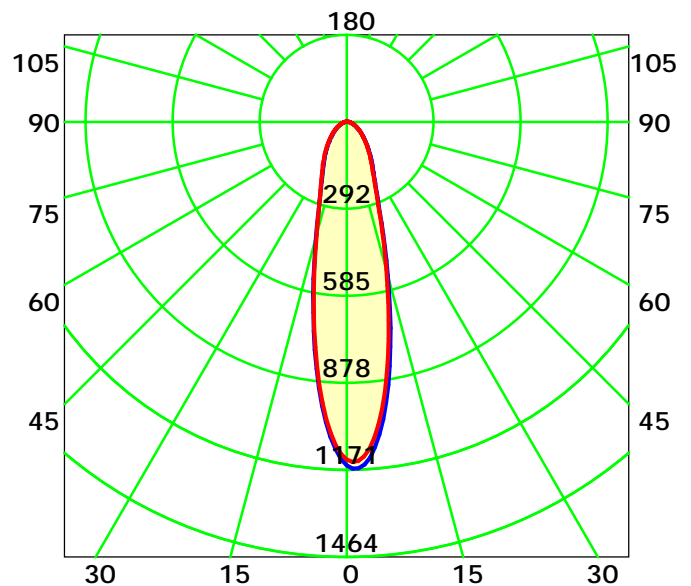
CIE Class: Direct  
Measurement Flux: 577 lm  
Downward Ratio: 98%  
Horizontal Diffuse Angle(10%,50%): H75.2,H25.4  
Vertical Diffuse Angle(10%,50%): V76.3,V25.2  
Luminaire Efficacy Rating (LER): 93  
Max. Intensity: 1167.12 cd

Total Rated Lamp Lumens: 577.0 lm  
Efficiency: 100%  
Upward Ratio: 2%  
Central Intensity: 1155.82 cd  
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



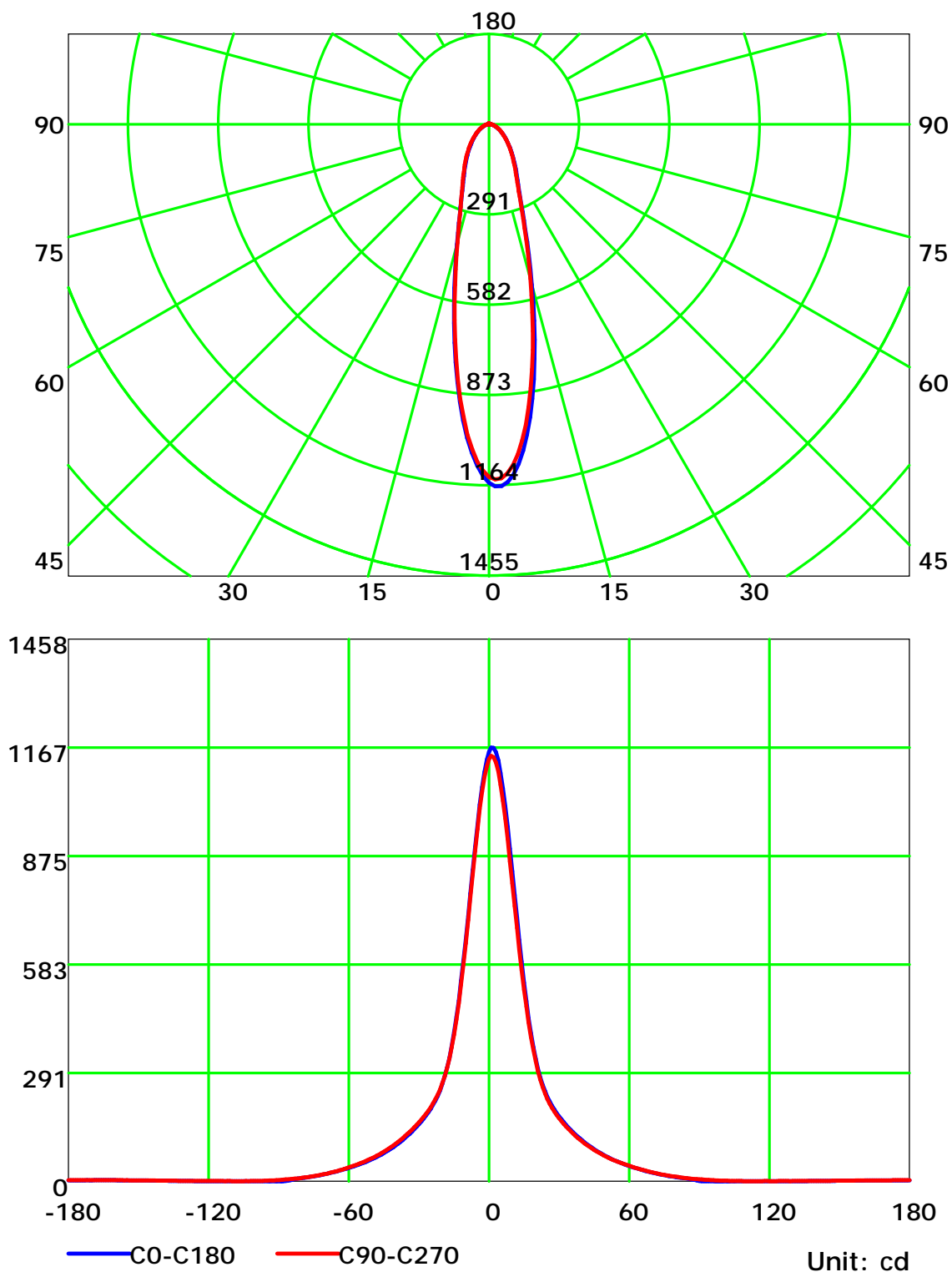
Average Diffuse Angle(50%): 25.3° Unit: cd

— 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:

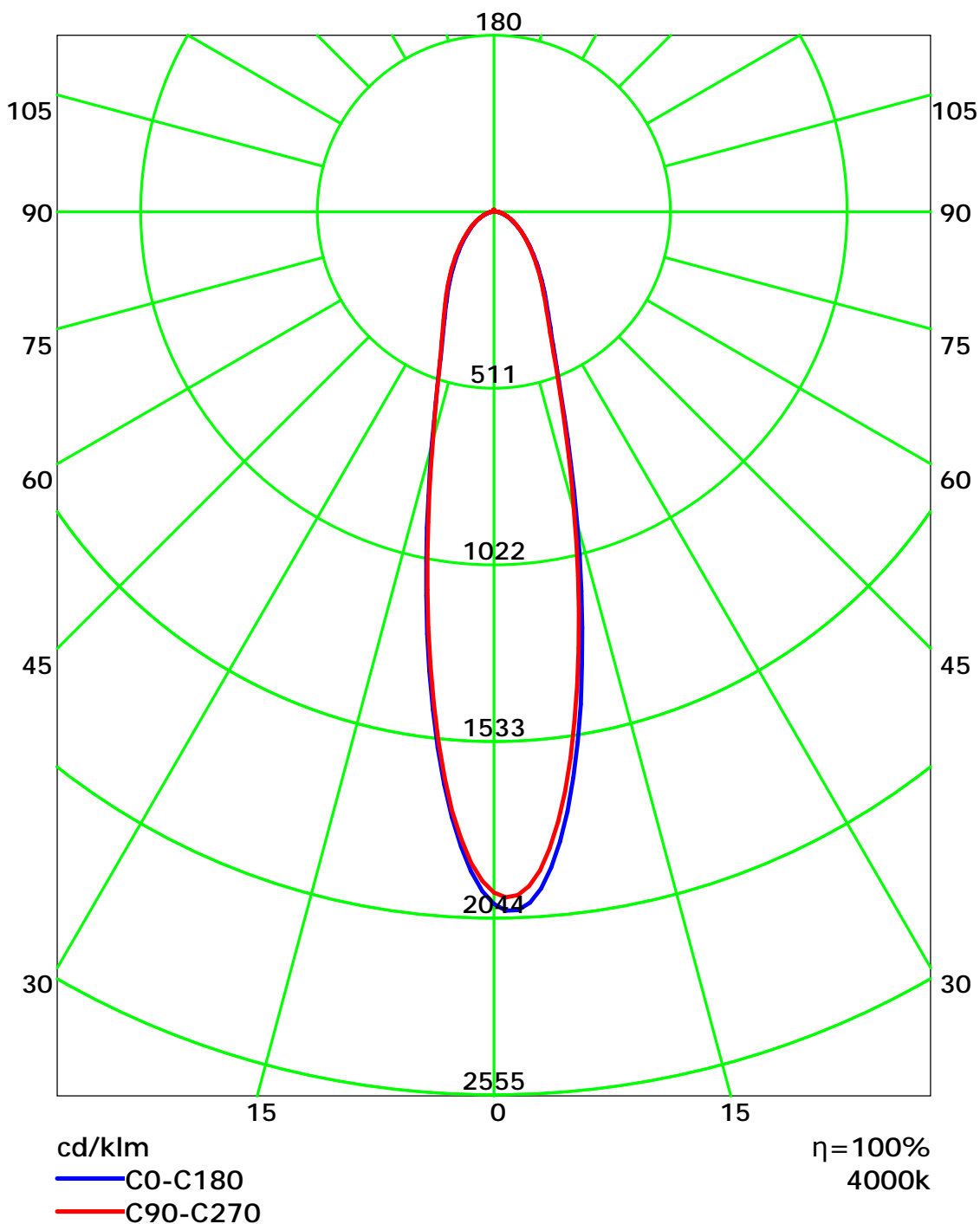
## Luminous Intensity Distribution Curve



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:

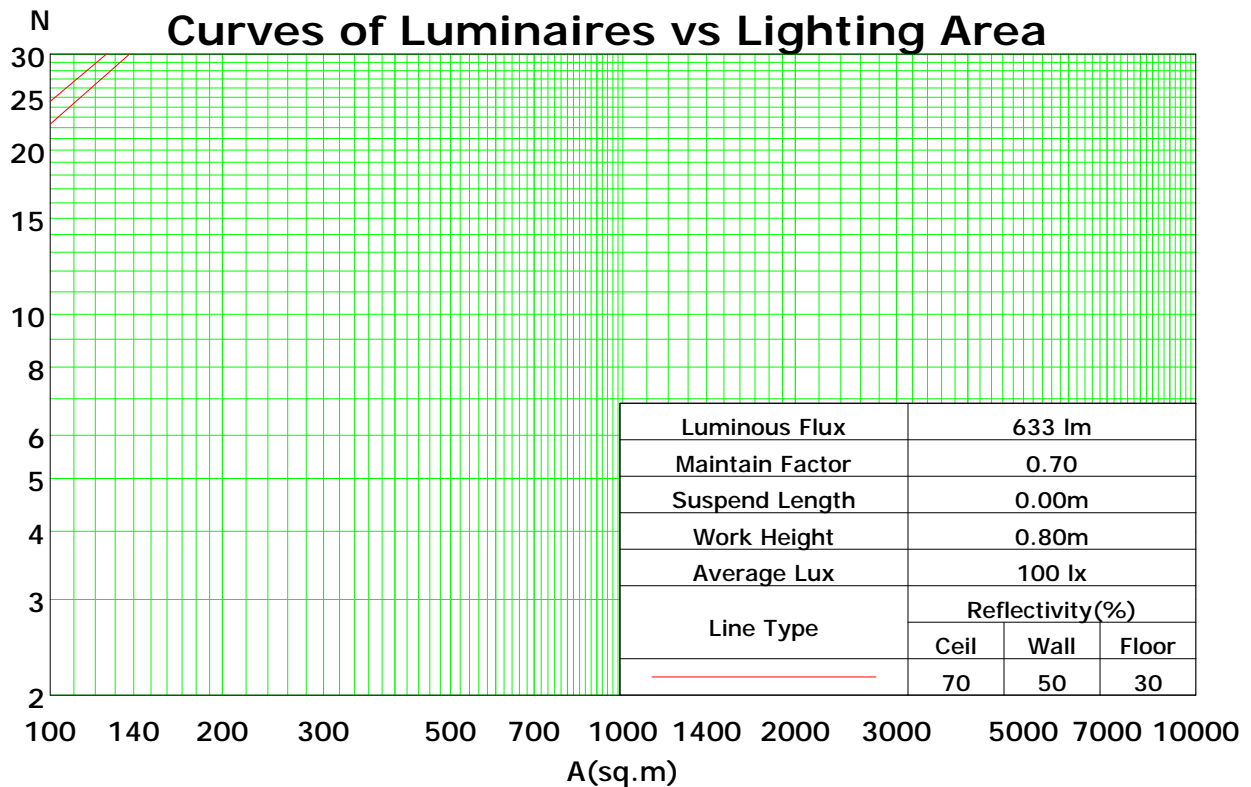
## Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	111	107	104	101	108	105	102	99	100	98	96	96	94	92	92	91	89	87
2	104	98	92	88	101	96	91	87	92	88	85	88	85	82	85	83	80	78
3	97	89	83	78	95	88	82	77	85	80	76	82	78	74	79	76	73	71
4	91	82	76	71	89	81	75	70	78	73	69	76	71	68	74	70	67	65
5	86	76	69	64	84	75	69	64	73	67	63	71	66	62	69	65	62	60
6	82	71	64	59	80	70	64	59	68	63	58	67	62	58	65	61	57	56
7	77	67	60	55	76	66	59	55	64	59	54	63	58	54	62	57	54	52
8	74	63	56	52	72	62	56	51	61	55	51	60	54	51	58	54	50	49
9	70	59	53	49	69	59	53	48	58	52	48	57	51	48	56	51	47	46
10	67	56	50	46	66	56	50	46	55	49	45	54	49	45	53	48	45	44

Spacing Criteria (0-180): 0.43

Spacing Criteria (90-270): 0.42

Spacing Criteria (Diagonal): 0.47

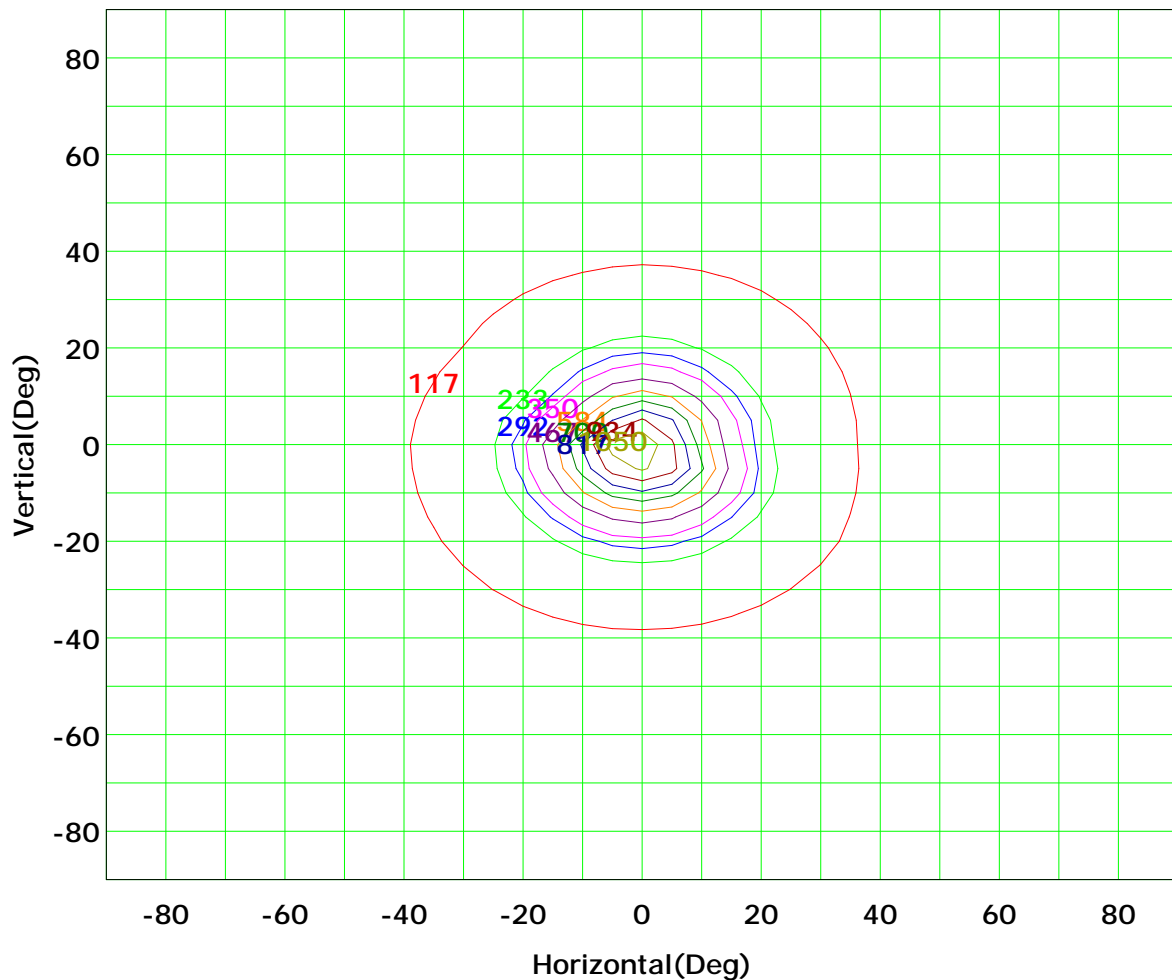


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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



## Isocandela (rectangle)



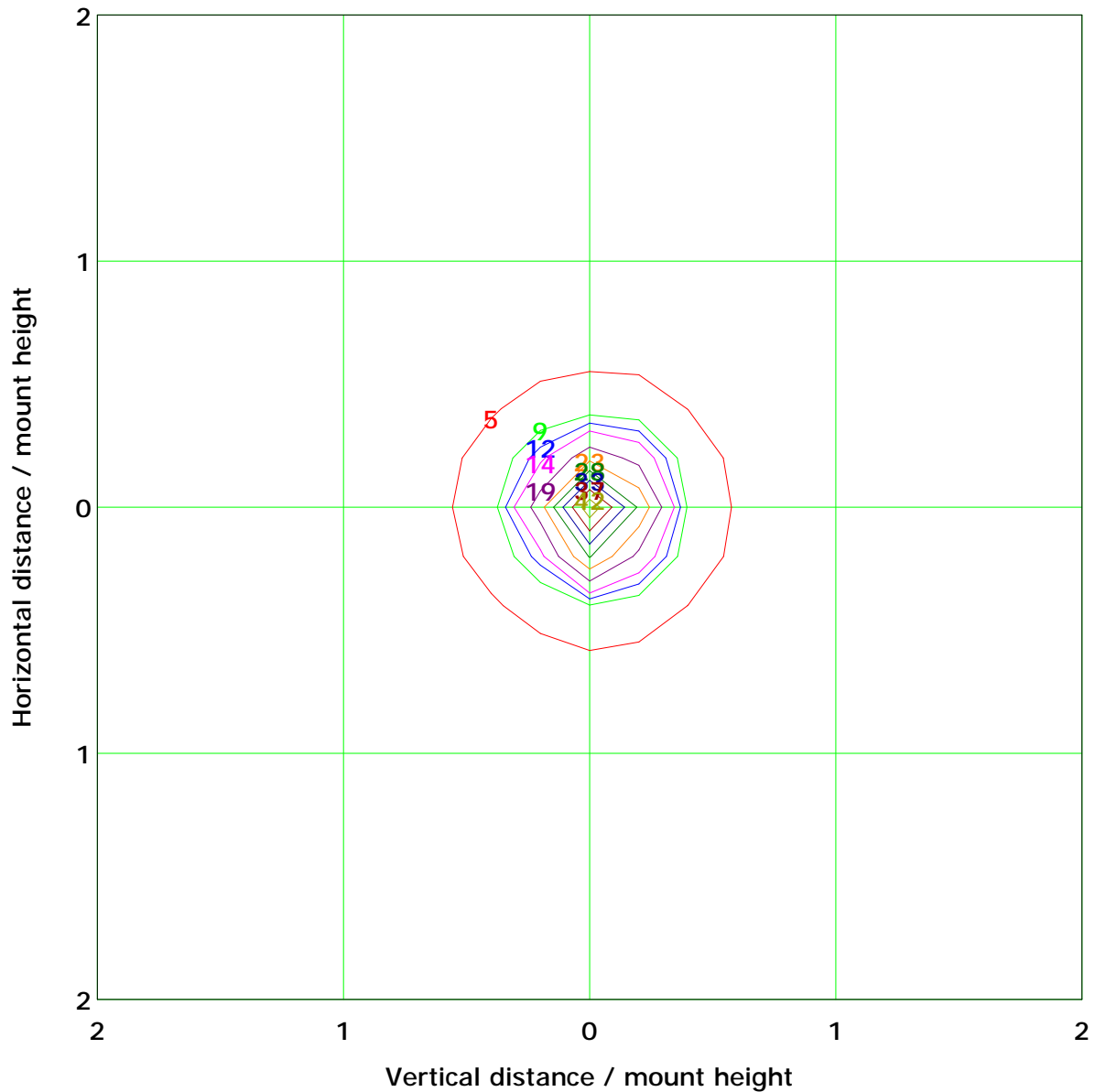
Imax (100%): 1167 cd

( 10%): 117 cd	( 20%): 233 cd
( 25%): 292 cd	( 30%): 350 cd
( 40%): 467 cd	( 50%): 584 cd
( 60%): 700 cd	( 70%): 817 cd
( 80%): 934 cd	( 90%): 1050 cd

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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



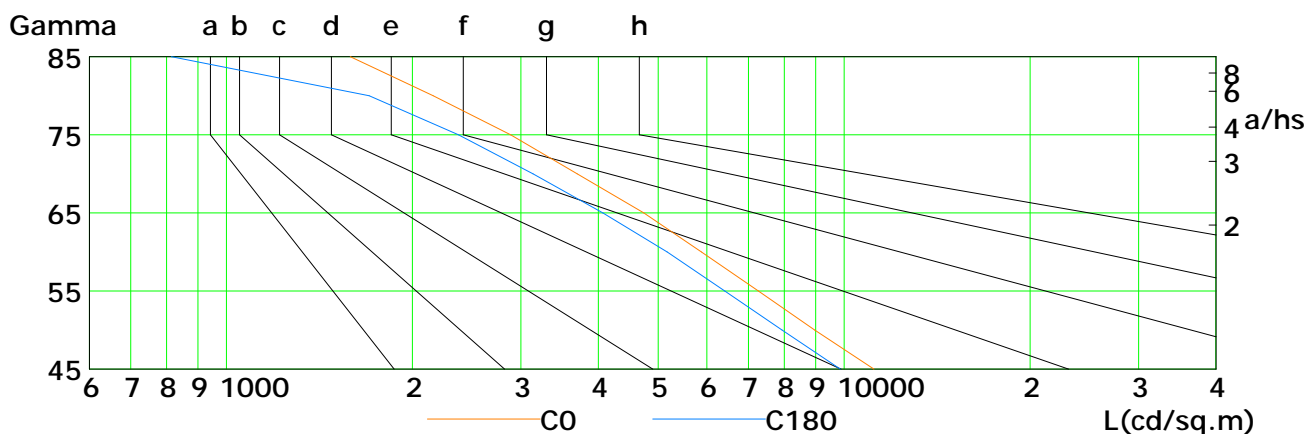
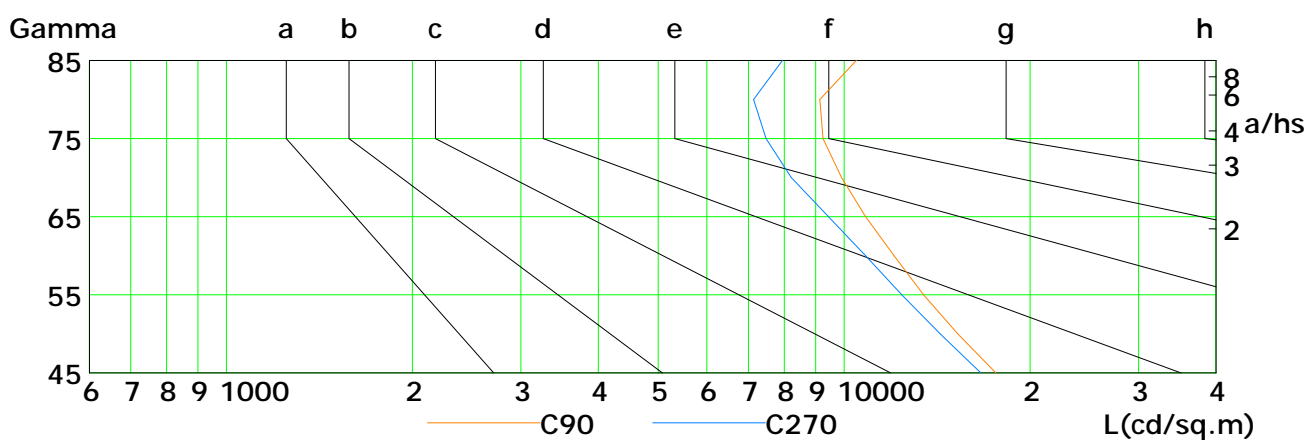
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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

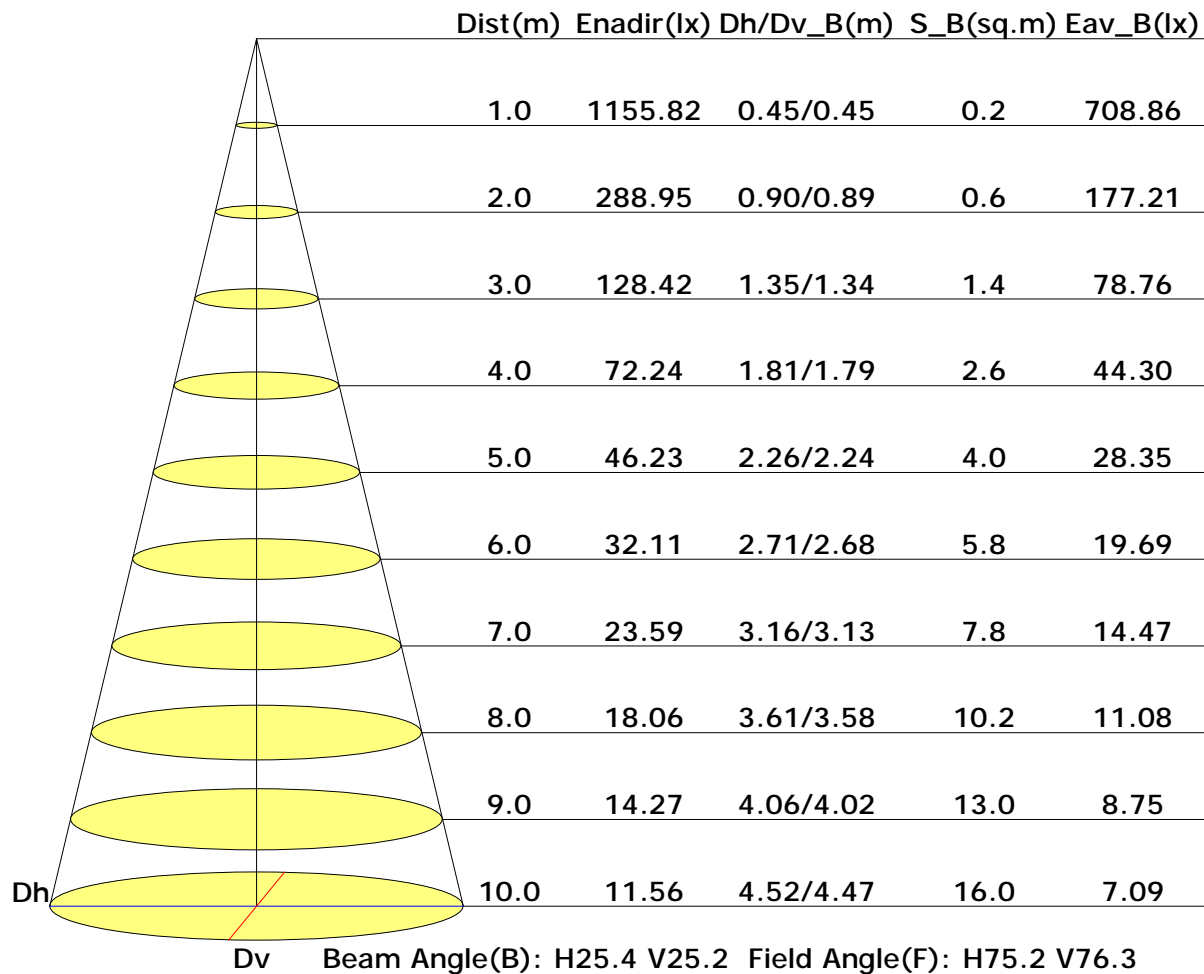


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11175	8966	7271	5880	4740	3699	2885	2162	1587
C90	17614	15273	13458	12047	10843	9907	9245	9136	10470
C180	9860	7941	6412	5173	4072	3138	2375	1702	814
C270	16660	14304	12404	10837	9435	8216	7478	7139	7952

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Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## Illuminance at a Distance

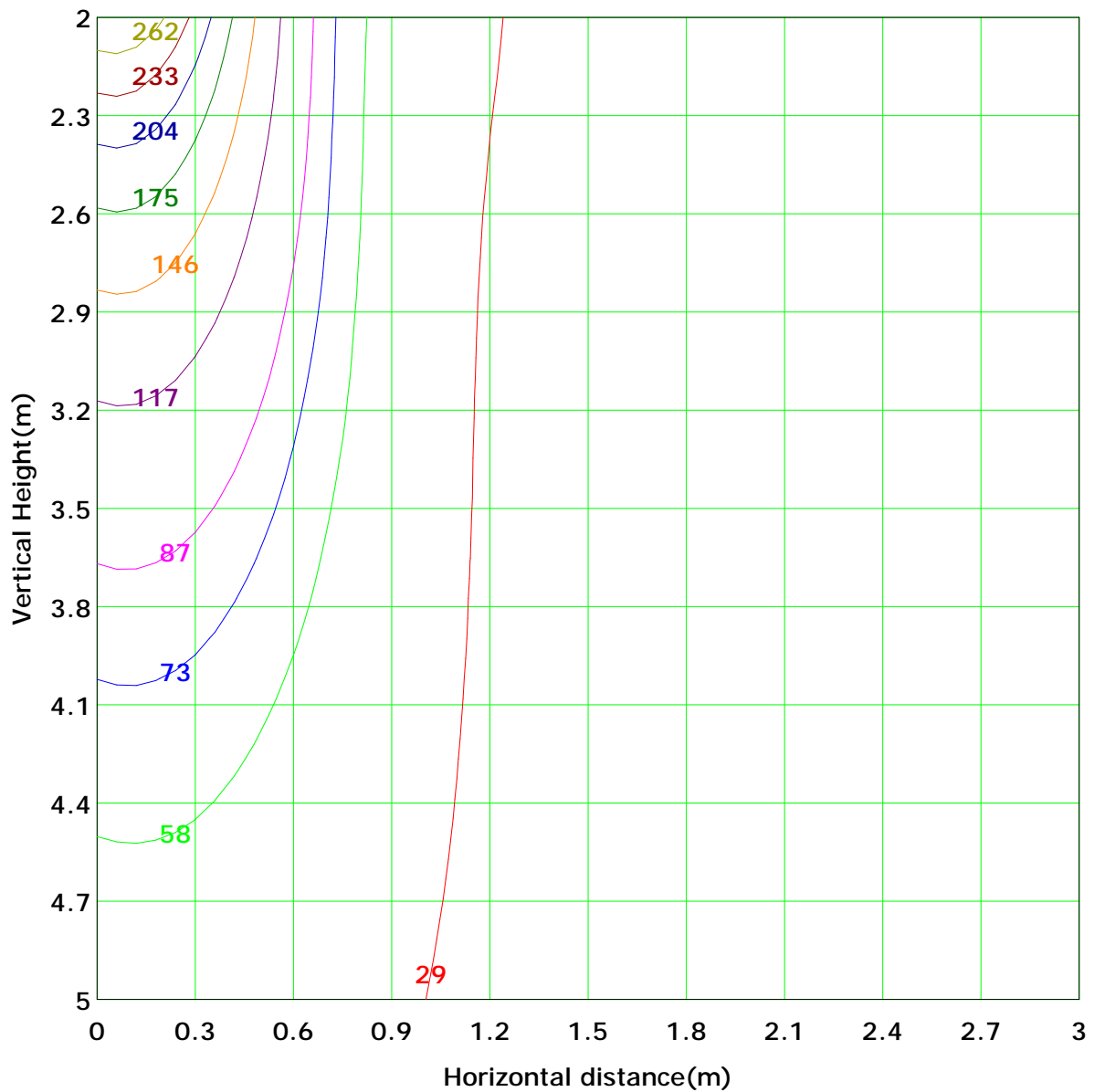


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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: 291.5 lx
( 10%): 29.1 lx	( 20%): 58.3 lx	
( 25%): 72.9 lx	( 30%): 87.4 lx	
( 40%): 116.6 lx	( 50%): 145.7 lx	
( 60%): 174.9 lx	( 70%): 204.0 lx	
( 80%): 233.2 lx	( 90%): 262.3 lx	

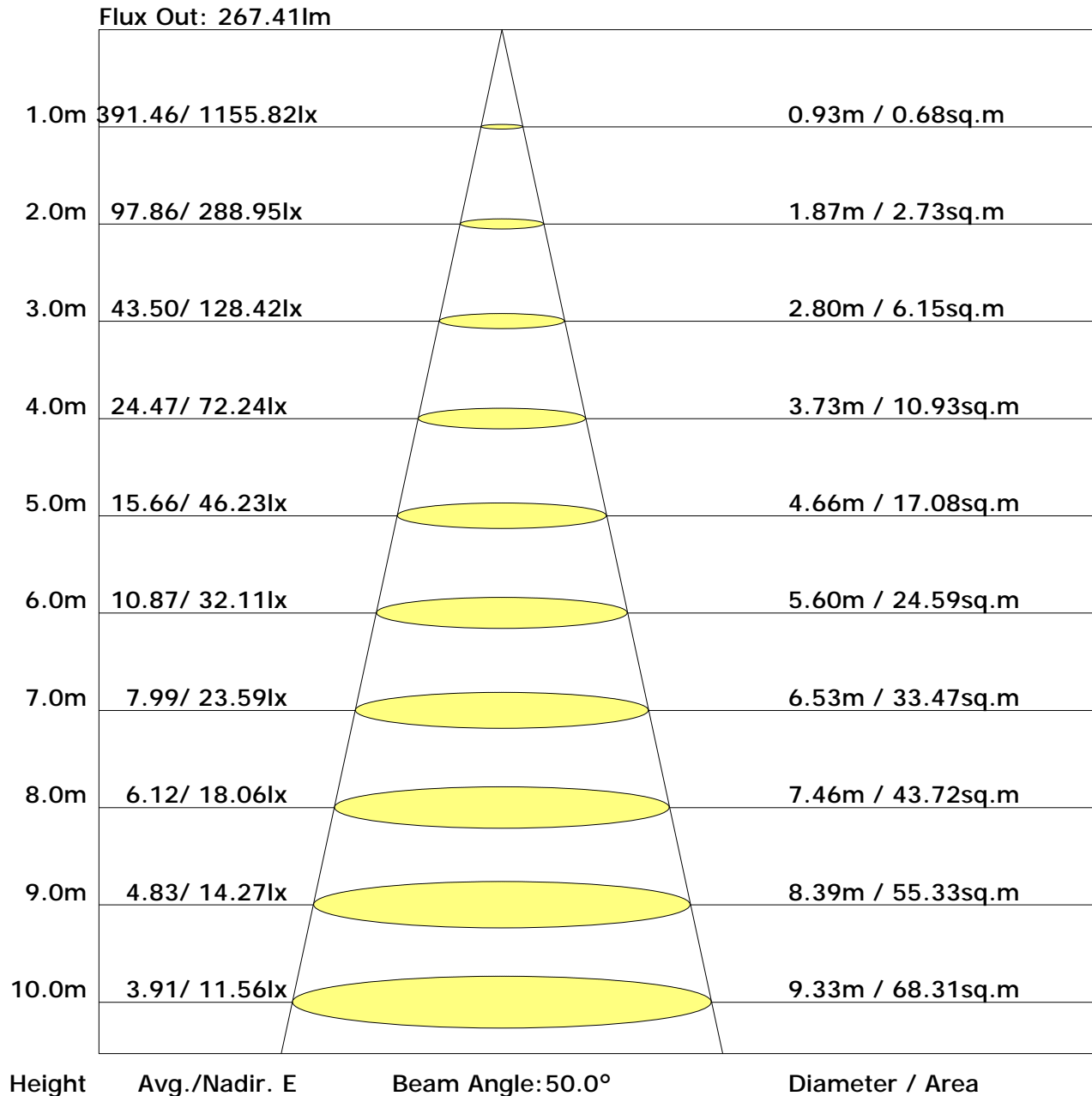
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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	19.6	20.8	20.0	21.2	21.6	18.6	19.8	19.0	20.2	20.6
3H	21.0	22.2	21.5	22.6	23.0	19.8	20.9	20.2	21.3	21.7
4H	21.6	22.7	22.1	23.1	23.5	20.2	21.2	20.6	21.6	22.1
6H	22.1	23.1	22.6	23.5	24.0	20.5	21.4	20.9	21.9	22.3
8H	22.3	23.3	22.8	23.7	24.2	20.6	21.5	21.1	21.9	22.4
12H	22.5	23.4	23.0	23.9	24.3	20.7	21.5	21.1	22.0	22.5
X=4H Y=2H	19.8	20.9	20.3	21.3	21.7	19.0	20.1	19.5	20.5	20.9
3H	21.5	22.3	21.9	22.8	23.2	20.5	21.4	20.9	21.8	22.3
4H	22.2	22.9	22.6	23.4	23.9	21.0	21.8	21.5	22.3	22.8
6H	22.8	23.5	23.3	23.9	24.5	21.4	22.1	21.9	22.6	23.1
8H	23.0	23.7	23.5	24.2	24.7	21.6	22.2	22.1	22.7	23.2
12H	23.3	23.9	23.8	24.4	24.9	21.7	22.3	22.2	22.8	23.3
X=8H Y=4H	22.2	22.9	22.7	23.4	23.9	21.3	21.9	21.8	22.4	22.9
6H	22.9	23.5	23.5	24.0	24.5	21.8	22.3	22.3	22.9	23.4
8H	23.3	23.8	23.8	24.3	24.9	22.0	22.5	22.6	23.1	23.6
12H	23.7	24.1	24.2	24.6	25.2	22.2	22.7	22.8	23.2	23.8
X=12H Y=4H	22.2	22.8	22.8	23.3	23.8	21.3	21.9	21.8	22.4	22.9
6H	23.0	23.4	23.5	23.9	24.5	21.9	22.3	22.4	22.8	23.4
8H	23.3	23.8	23.9	24.3	24.9	22.1	22.6	22.7	23.1	23.7

Calculate in accordance with CIE 190:2010

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 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 = 0.75								
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	0.73	0.81	0.86	0.90	0.96	0.99	1.02	1.05	1.07
	0.30		0.67	0.75	0.81	0.85	0.91	0.95	0.98	1.02	1.05
	0.20		0.63	0.71	0.76	0.81	0.87	0.92	0.95	0.99	1.02
0.50	0.50	0.20	0.72	0.79	0.84	0.87	0.92	0.96	0.98	1.01	1.03
	0.30		0.66	0.74	0.79	0.83	0.89	0.92	0.95	0.98	1.01
	0.20		0.63	0.70	0.75	0.79	0.85	0.89	0.92	0.96	0.99
0.30	0.50	0.20	0.70	0.77	0.81	0.85	0.89	0.92	0.94	0.97	0.99
	0.30		0.66	0.72	0.77	0.81	0.86	0.89	0.92	0.95	0.97
	0.20		0.62	0.69	0.74	0.78	0.83	0.87	0.90	0.93	0.95
0.00	0.00	0.00	0.60	0.67	0.71	0.75	0.80	0.83	0.85	0.88	0.90
Rating: 6W 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 = 0.75								
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	0.76	0.63	0.53	0.46	0.37	0.31	0.26	0.21	0.17
	0.30		0.63	0.53	0.46	0.41	0.33	0.28	0.24	0.19	0.16
	0.20		0.54	0.47	0.41	0.37	0.30	0.26	0.23	0.18	0.15
0.50	0.50	0.20	0.72	0.59	0.50	0.44	0.35	0.33	0.25	0.19	0.16
	0.30		0.61	0.51	0.44	0.39	0.32	0.27	0.23	0.18	0.15
	0.20		0.53	0.45	0.40	0.35	0.29	0.25	0.22	0.17	0.14
0.30	0.50	0.20	0.69	0.56	0.48	0.41	0.33	0.27	0.23	0.18	0.15
	0.30		0.59	0.50	0.43	0.37	0.30	0.25	0.22	0.17	0.14
	0.20		0.52	0.44	0.39	0.34	0.28	0.24	0.21	0.16	0.14
0.00	0.00	0.00	0.39	0.33	0.28	0.24	0.20	0.16	0.14	0.11	0.09
<p>Rating: 6W 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 = 0.75									
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	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.24	
	0.30		0.11	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	
	0.20		0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	
0.30	0.50	0.20	0.15	0.17	0.18	0.18	0.20	0.20	0.21	0.21	0.22	
	0.30		0.11	0.13	0.14	0.15	0.16	0.18	0.18	0.19	0.20	
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
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: 6W 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1137.5	1.1	1.1	0.19	0.19
1.0-2.0	1126.7	3.2	4.3	0.56	0.75
2.0-3.0	1105.4	5.3	9.6	0.92	1.67
3.0-4.0	1074.7	7.2	16.8	1.25	2.91
4.0-5.0	1034.9	8.9	25.7	1.54	4.46
5.0-6.0	987.6	10.4	36.1	1.80	6.25
6.0-7.0	935.0	11.6	47.7	2.01	8.27
7.0-8.0	878.1	12.6	60.3	2.18	10.44
8.0-9.0	818.4	13.3	73.5	2.30	12.74
9.0-10.0	757.8	13.7	87.2	2.38	15.12
10.0-11.0	697.8	13.9	101.2	2.42	17.54
11.0-12.0	639.2	14.0	115.2	2.42	19.96
12.0-13.0	583.3	13.8	129.0	2.40	22.36
13.0-14.0	531.1	13.6	142.6	2.36	24.72
14.0-15.0	482.6	13.3	155.9	2.30	27.01
15.0-16.0	438.3	12.8	168.7	2.23	29.24
16.0-17.0	398.8	12.4	181.1	2.15	31.39
17.0-18.0	363.6	12.0	193.1	2.08	33.47
18.0-19.0	332.7	11.6	204.7	2.01	35.47
19.0-20.0	305.8	11.2	215.9	1.94	37.41
20.0-21.0	282.4	10.8	226.7	1.88	39.29
21.0-22.0	262.1	10.5	237.3	1.83	41.12
22.0-23.0	244.7	10.3	247.5	1.78	42.90
23.0-24.0	229.7	10.0	257.6	1.74	44.64
24.0-25.0	216.4	9.8	267.4	1.71	46.35
25.0-26.0	204.7	9.7	277.1	1.67	48.02
26.0-27.0	194.2	9.5	286.6	1.65	49.67
27.0-28.0	184.6	9.3	295.9	1.62	51.29
28.0-29.0	175.9	9.2	305.1	1.60	52.88
29.0-30.0	167.9	9.1	314.2	1.57	54.46
30.0-31.0	160.3	8.9	323.1	1.55	56.00
31.0-32.0	153.1	8.8	331.9	1.52	57.52
32.0-33.0	146.3	8.6	340.5	1.49	59.02
33.0-34.0	139.8	8.5	349.0	1.47	60.48
34.0-35.0	133.6	8.3	357.3	1.44	61.92
35.0-36.0	127.6	8.1	365.4	1.41	63.33

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	122.0	8.0	373.4	1.38	64.71
37.0-38.0	116.5	7.8	381.1	1.35	66.05
38.0-39.0	111.2	7.6	388.7	1.32	67.37
39.0-40.0	106.2	7.4	396.1	1.28	68.65
40.0-41.0	101.3	7.2	403.3	1.25	69.90
41.0-42.0	96.7	7.0	410.4	1.22	71.12
42.0-43.0	92.3	6.8	417.2	1.18	72.31
43.0-44.0	88.0	6.6	423.8	1.15	73.46
44.0-45.0	84.0	6.5	430.3	1.12	74.58
45.0-46.0	80.2	6.3	436.6	1.09	75.66
46.0-47.0	76.4	6.1	442.7	1.05	76.72
47.0-48.0	72.9	5.9	448.5	1.02	77.74
48.0-49.0	69.6	5.7	454.3	0.99	78.73
49.0-50.0	66.3	5.5	459.8	0.96	79.69
50.0-51.0	63.3	5.4	465.1	0.93	80.62
51.0-52.0	60.4	5.2	470.3	0.90	81.51
52.0-53.0	57.6	5.0	475.3	0.87	82.38
53.0-54.0	54.9	4.8	480.2	0.84	83.22
54.0-55.0	52.4	4.7	484.9	0.81	84.03
55.0-56.0	50.0	4.5	489.4	0.78	84.82
56.0-57.0	47.7	4.4	493.7	0.76	85.57
57.0-58.0	45.4	4.2	497.9	0.73	86.30
58.0-59.0	43.3	4.1	502.0	0.70	87.00
59.0-60.0	41.3	3.9	505.9	0.68	87.68
60.0-61.0	39.3	3.8	509.6	0.65	88.33
61.0-62.0	37.4	3.6	513.3	0.62	88.95
62.0-63.0	35.6	3.5	516.7	0.60	89.55
63.0-64.0	33.8	3.3	520.0	0.57	90.13
64.0-65.0	32.1	3.2	523.2	0.55	90.68
65.0-66.0	30.4	3.0	526.2	0.53	91.21
66.0-67.0	28.8	2.9	529.1	0.50	91.71
67.0-68.0	27.3	2.8	531.9	0.48	92.19
68.0-69.0	25.8	2.6	534.5	0.46	92.64
69.0-70.0	24.3	2.5	537.0	0.43	93.07
70.0-71.0	22.9	2.4	539.4	0.41	93.48
71.0-72.0	21.5	2.2	541.6	0.39	93.87

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	20.2	2.1	543.8	0.37	94.24
73.0-74.0	19.0	2.0	545.8	0.35	94.59
74.0-75.0	17.8	1.9	547.6	0.33	94.91
75.0-76.0	16.6	1.8	549.4	0.31	95.22
76.0-77.0	15.5	1.6	551.0	0.29	95.50
77.0-78.0	14.4	1.5	552.6	0.27	95.77
78.0-79.0	13.4	1.4	554.0	0.25	96.02
79.0-80.0	12.4	1.3	555.4	0.23	96.25
80.0-81.0	11.5	1.2	556.6	0.22	96.47
81.0-82.0	10.6	1.2	557.8	0.20	96.67
82.0-83.0	9.8	1.1	558.8	0.18	96.85
83.0-84.0	8.9	1.0	559.8	0.17	97.02
84.0-85.0	8.2	0.9	560.7	0.15	97.17
85.0-86.0	7.4	0.8	561.5	0.14	97.31
86.0-87.0	6.6	0.7	562.2	0.13	97.44
87.0-88.0	5.9	0.7	562.9	0.11	97.55
88.0-89.0	5.3	0.6	563.4	0.10	97.65
89.0-90.0	4.8	0.5	564.0	0.09	97.74
90.0-91.0	4.3	0.5	564.4	0.08	97.82
91.0-92.0	3.9	0.4	564.9	0.07	97.90
92.0-93.0	3.5	0.4	565.2	0.07	97.96
93.0-94.0	3.2	0.4	565.6	0.06	98.02
94.0-95.0	2.9	0.3	565.9	0.06	98.08
95.0-96.0	2.7	0.3	566.2	0.05	98.13
96.0-97.0	2.4	0.3	566.5	0.05	98.18
97.0-98.0	2.2	0.2	566.7	0.04	98.22
98.0-99.0	2.1	0.2	566.9	0.04	98.26
99.0-100.0	1.9	0.2	567.1	0.04	98.29
100.0-101.0	1.8	0.2	567.3	0.03	98.33
101.0-102.0	1.7	0.2	567.5	0.03	98.36
102.0-103.0	1.6	0.2	567.7	0.03	98.39
103.0-104.0	1.5	0.2	567.8	0.03	98.41
104.0-105.0	1.4	0.1	568.0	0.03	98.44
105.0-106.0	1.3	0.1	568.1	0.02	98.46
106.0-107.0	1.3	0.1	568.3	0.02	98.49
107.0-108.0	1.3	0.1	568.4	0.02	98.51

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.2	0.1	568.5	0.02	98.53
109.0-110.0	1.2	0.1	568.7	0.02	98.55
110.0-111.0	1.2	0.1	568.8	0.02	98.58
111.0-112.0	1.2	0.1	568.9	0.02	98.60
112.0-113.0	1.3	0.1	569.0	0.02	98.62
113.0-114.0	1.3	0.1	569.2	0.02	98.64
114.0-115.0	1.3	0.1	569.3	0.02	98.66
115.0-116.0	1.3	0.1	569.4	0.02	98.69
116.0-117.0	1.3	0.1	569.5	0.02	98.71
117.0-118.0	1.3	0.1	569.7	0.02	98.73
118.0-119.0	1.3	0.1	569.8	0.02	98.75
119.0-120.0	1.3	0.1	569.9	0.02	98.78
120.0-121.0	1.4	0.1	570.1	0.02	98.80
121.0-122.0	1.4	0.1	570.2	0.02	98.82
122.0-123.0	1.4	0.1	570.3	0.02	98.84
123.0-124.0	1.4	0.1	570.4	0.02	98.87
124.0-125.0	1.5	0.1	570.6	0.02	98.89
125.0-126.0	1.5	0.1	570.7	0.02	98.91
126.0-127.0	1.5	0.1	570.8	0.02	98.93
127.0-128.0	1.5	0.1	571.0	0.02	98.96
128.0-129.0	1.6	0.1	571.1	0.02	98.98
129.0-130.0	1.6	0.1	571.2	0.02	99.00
130.0-131.0	1.7	0.1	571.4	0.02	99.03
131.0-132.0	1.7	0.1	571.5	0.02	99.05
132.0-133.0	1.7	0.1	571.7	0.02	99.08
133.0-134.0	1.8	0.1	571.8	0.02	99.10
134.0-135.0	1.8	0.1	571.9	0.02	99.13
135.0-136.0	1.9	0.1	572.1	0.03	99.15
136.0-137.0	1.9	0.1	572.2	0.03	99.18
137.0-138.0	2.0	0.1	572.4	0.03	99.20
138.0-139.0	2.0	0.1	572.5	0.03	99.23
139.0-140.0	2.1	0.1	572.7	0.03	99.25
140.0-141.0	2.2	0.2	572.8	0.03	99.28
141.0-142.0	2.2	0.2	573.0	0.03	99.31
142.0-143.0	2.3	0.2	573.1	0.03	99.33
143.0-144.0	2.4	0.2	573.3	0.03	99.36

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.4	0.2	573.4	0.03	99.39
145.0-146.0	2.5	0.2	573.6	0.03	99.41
146.0-147.0	2.6	0.2	573.8	0.03	99.44
147.0-148.0	2.6	0.2	573.9	0.03	99.47
148.0-149.0	2.7	0.2	574.1	0.03	99.49
149.0-150.0	2.8	0.2	574.2	0.03	99.52
150.0-151.0	2.8	0.2	574.4	0.03	99.55
151.0-152.0	2.9	0.2	574.5	0.03	99.57
152.0-153.0	3.0	0.2	574.7	0.03	99.60
153.0-154.0	3.0	0.1	574.8	0.03	99.63
154.0-155.0	3.1	0.1	575.0	0.03	99.65
155.0-156.0	3.2	0.1	575.1	0.02	99.68
156.0-157.0	3.2	0.1	575.3	0.02	99.70
157.0-158.0	3.3	0.1	575.4	0.02	99.72
158.0-159.0	3.3	0.1	575.5	0.02	99.75
159.0-160.0	3.3	0.1	575.7	0.02	99.77
160.0-161.0	3.4	0.1	575.8	0.02	99.79
161.0-162.0	3.4	0.1	575.9	0.02	99.81
162.0-163.0	3.5	0.1	576.0	0.02	99.83
163.0-164.0	3.5	0.1	576.1	0.02	99.85
164.0-165.0	3.5	0.1	576.2	0.02	99.87
165.0-166.0	3.5	0.1	576.3	0.02	99.88
166.0-167.0	3.5	0.1	576.4	0.02	99.90
167.0-168.0	3.5	0.1	576.5	0.01	99.91
168.0-169.0	3.6	0.1	576.6	0.01	99.93
169.0-170.0	3.6	0.1	576.6	0.01	99.94
170.0-171.0	3.6	0.1	576.7	0.01	99.95
171.0-172.0	3.6	0.1	576.8	0.01	99.96
172.0-173.0	3.6	0.1	576.8	0.01	99.97
173.0-174.0	3.6	0.0	576.9	0.01	99.98
174.0-175.0	3.6	0.0	576.9	0.01	99.99
175.0-176.0	3.6	0.0	576.9	0.01	99.99
176.0-177.0	3.6	0.0	577.0	0.00	99.99
177.0-178.0	3.6	0.0	577.0	0.00	100.00
178.0-179.0	3.6	0.0	577.0	0.00	100.00
179.0-180.0	3.6	0.0	577.0	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: