

Report No.: 20230330

Test Time: 2023/3/30 14:09

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: RIBBONLYTE

Luminaire Description: RB90SWX675.83010+CHANNEL

Lamp Description: 3000K

Luminous Width (mm): 30

Voltage: 24.0 V

Power: 5.85 W

Luminous Length (mm): 320

Luminous Height (mm): 21

Current: 0.244 A

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 511.1 lm

Downward Ratio: 87%

Horizontal Diffuse Angle(10%,50%): H22.7,H10.3

Vertical Diffuse Angle(10%,50%): V24.7,V11.8

Luminaire Efficacy Rating (LER): 87

Max. Intensity: 3457.78 cd

Total Rated Lamp Lumens: 511.1 lm

Efficiency: 100%

Upward Ratio: 13%

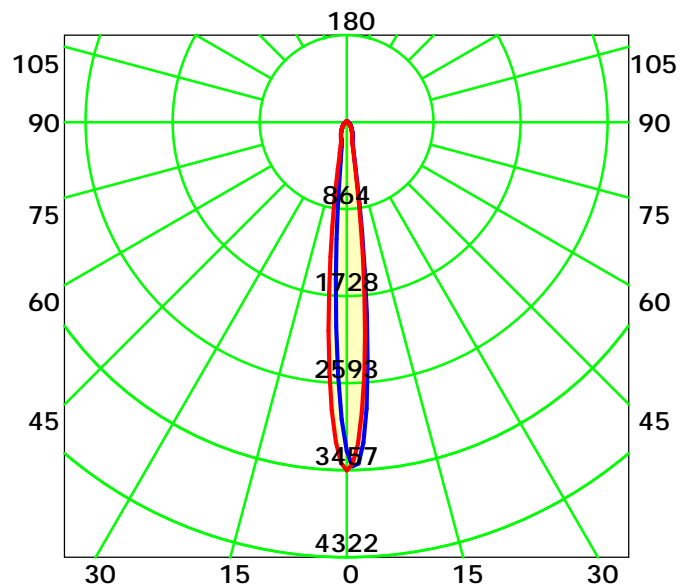
Central Intensity: 3267 cd

Pos of Max. Intensity: H90 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 11.1°
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

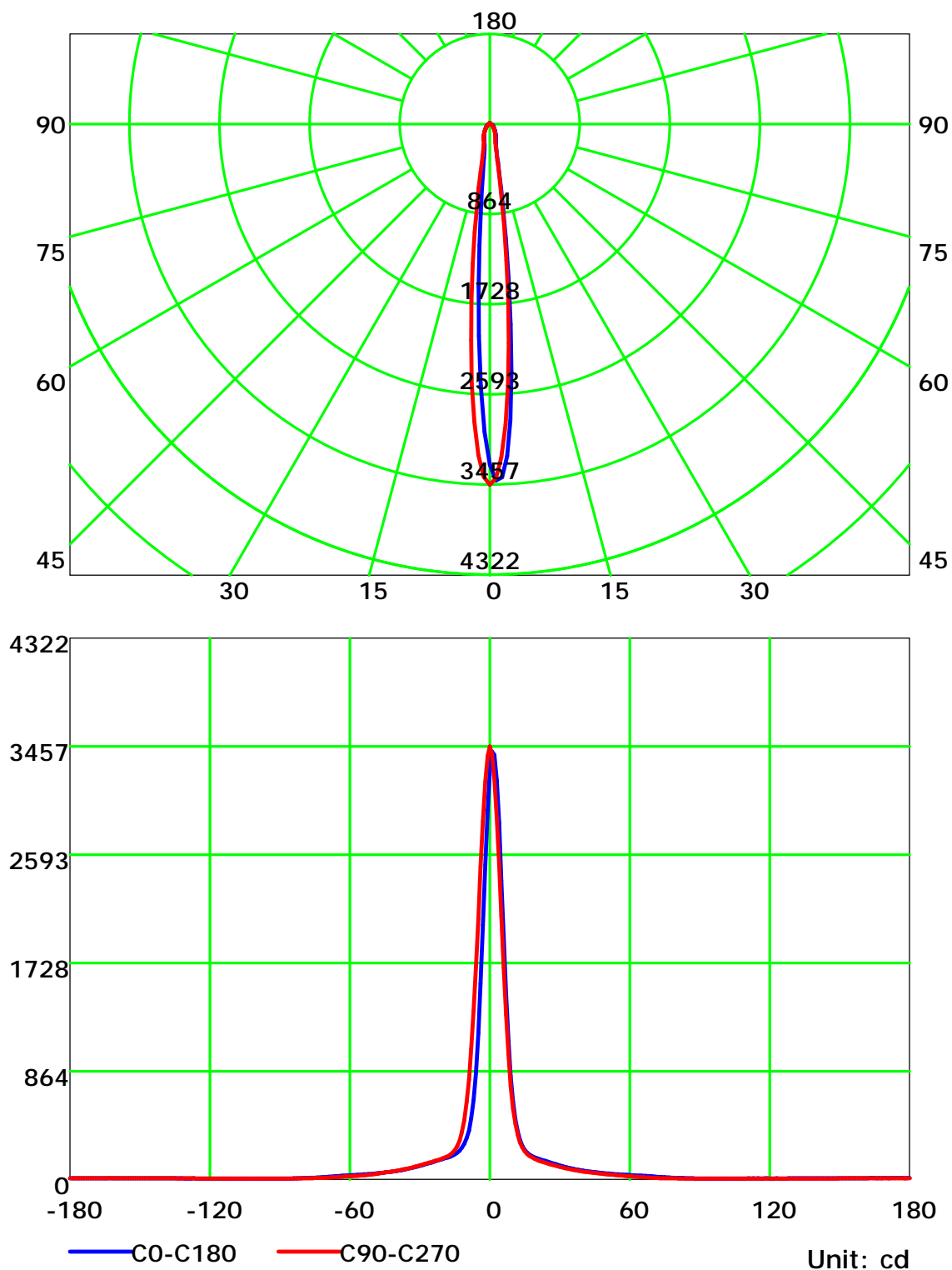
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

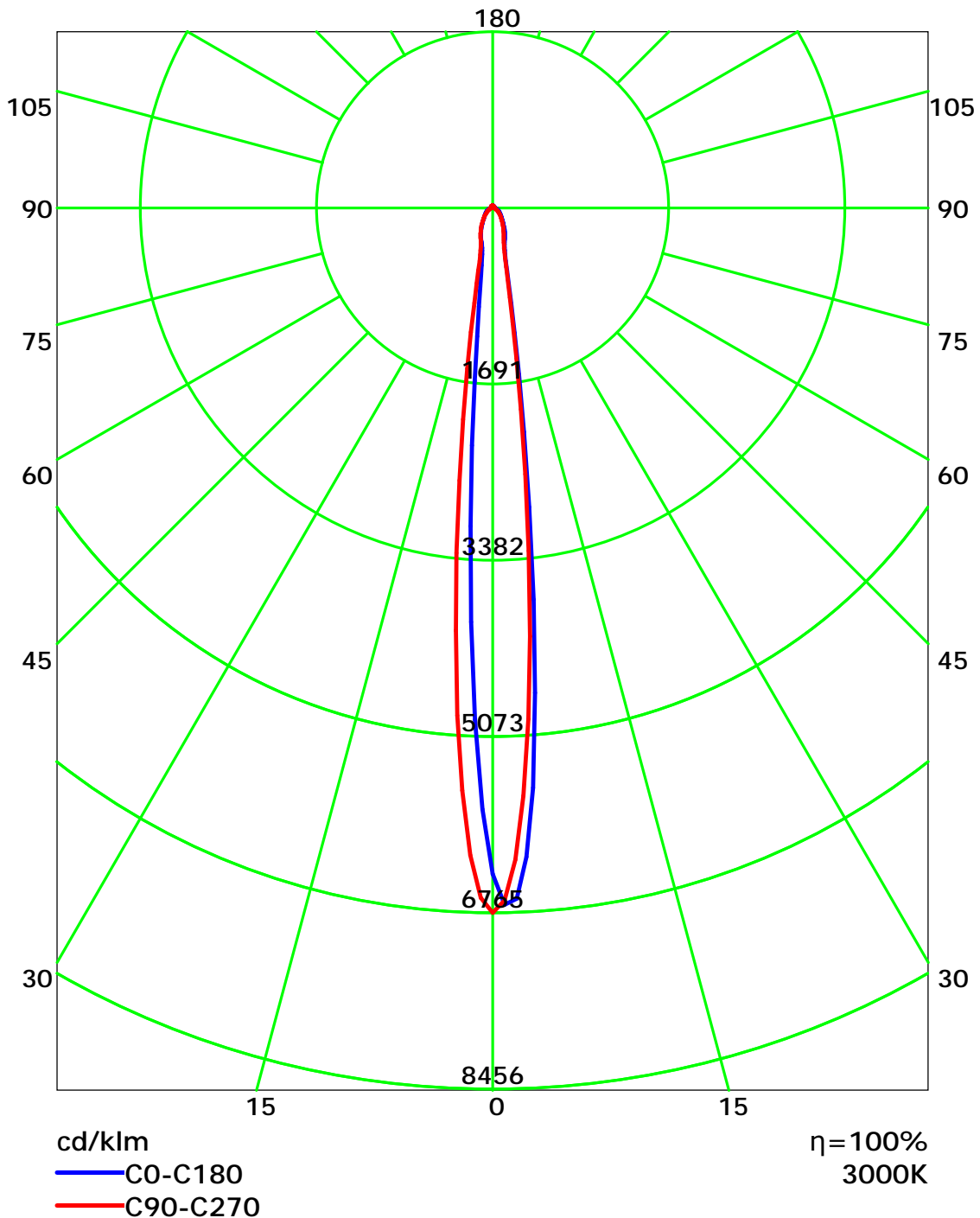
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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:

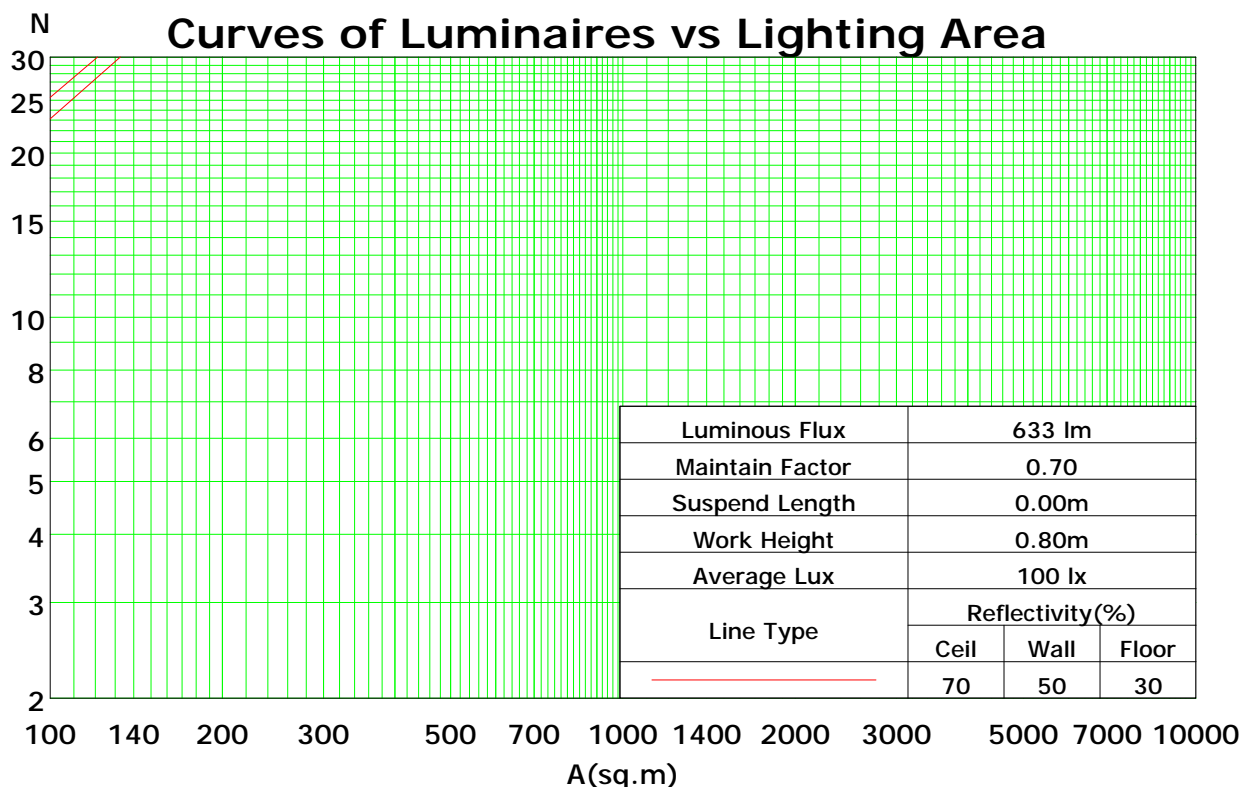
Coefficients Of Utilization - Zonal Cavity Method

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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87
1	108	105	101	98	104	101	98	95	95	92	90	89	87	85	83	82	80	78
2	101	95	90	86	98	92	88	84	87	83	80	82	79	76	77	75	73	70
3	95	88	82	77	92	85	80	75	81	76	72	76	73	70	72	69	67	65
4	90	81	75	70	87	79	73	69	75	70	66	72	68	64	68	65	62	60
5	85	76	69	64	83	74	68	63	71	66	62	68	63	60	65	61	58	56
6	81	71	65	60	79	70	64	59	67	62	58	64	60	56	62	58	55	53
7	77	67	61	56	75	66	60	56	63	58	54	61	57	53	59	55	52	50
8	74	64	57	53	72	63	57	53	60	55	52	58	54	51	57	53	50	48
9	71	61	55	51	69	60	54	50	58	53	49	56	52	49	54	51	48	46
10	68	58	52	48	66	57	52	48	56	51	47	54	50	47	53	49	46	45

Spacing Criteria (0-180): 0.19

Spacing Criteria (90-270): 0.20

Spacing Criteria (Diagonal): 0.20



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

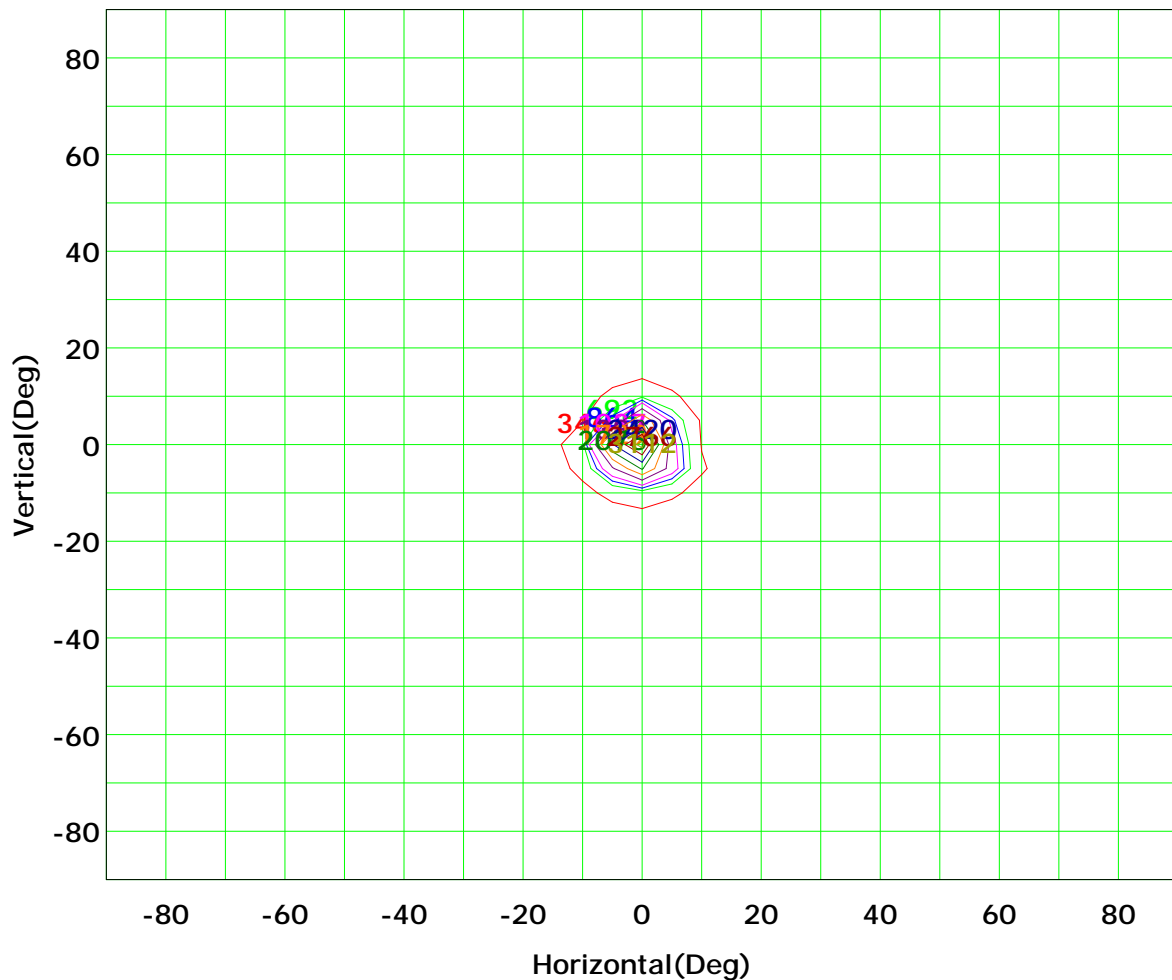
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



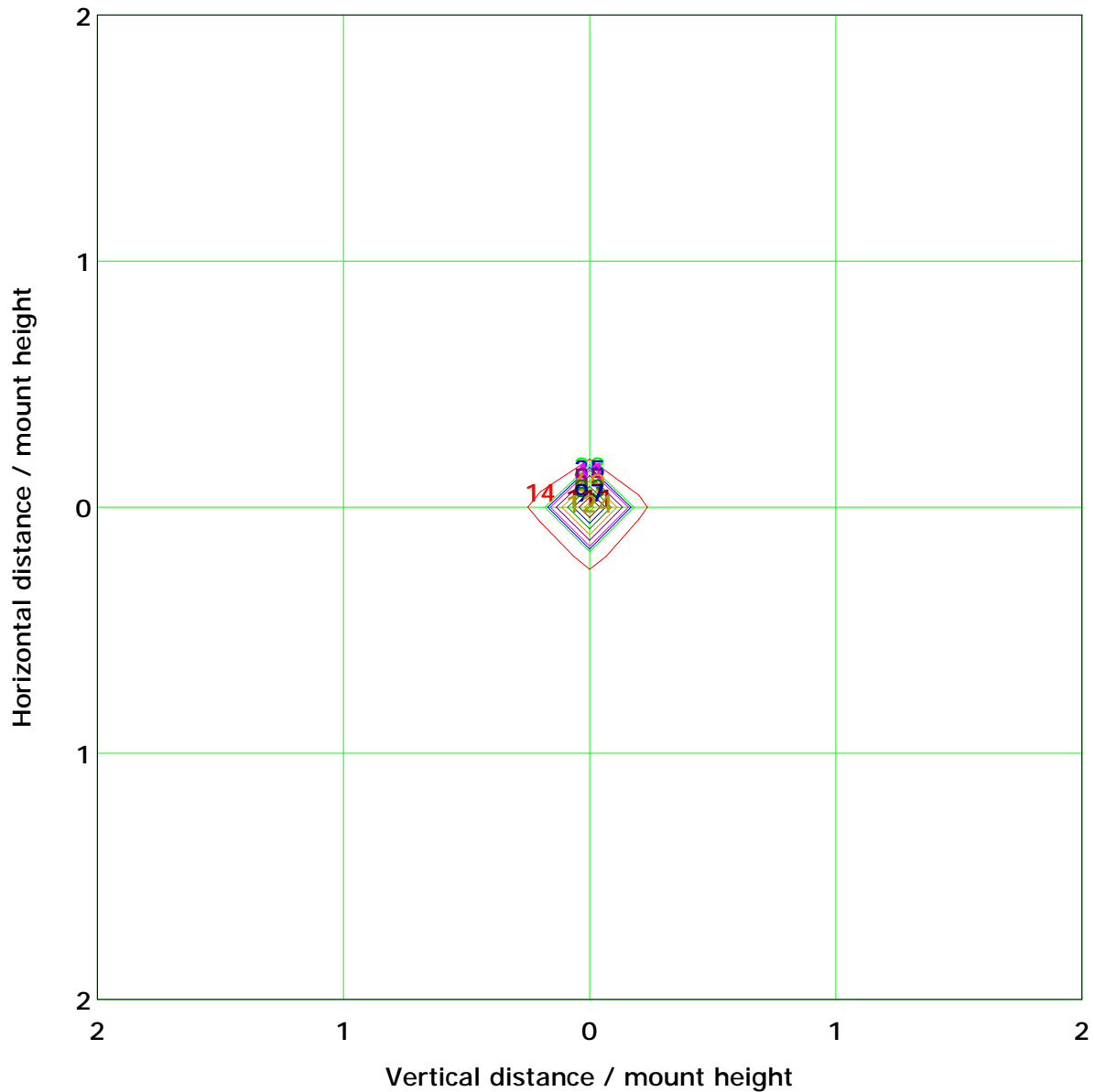
Imax (100%): 3458 cd

(10%): 346 cd	(20%): 692 cd
(25%): 864 cd	(30%): 1037 cd
(40%): 1383 cd	(50%): 1729 cd
(60%): 2075 cd	(70%): 2420 cd
(80%): 2766 cd	(90%): 3112 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%): 138.3 lx	
(10%): 13.8 lx	(20%): 27.7 lx
(25%): 34.6 lx	(30%): 41.5 lx
(40%): 55.3 lx	(50%): 69.2 lx
(60%): 83.0 lx	(70%): 96.8 lx
(80%): 110.6 lx	(90%): 124.5 lx

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

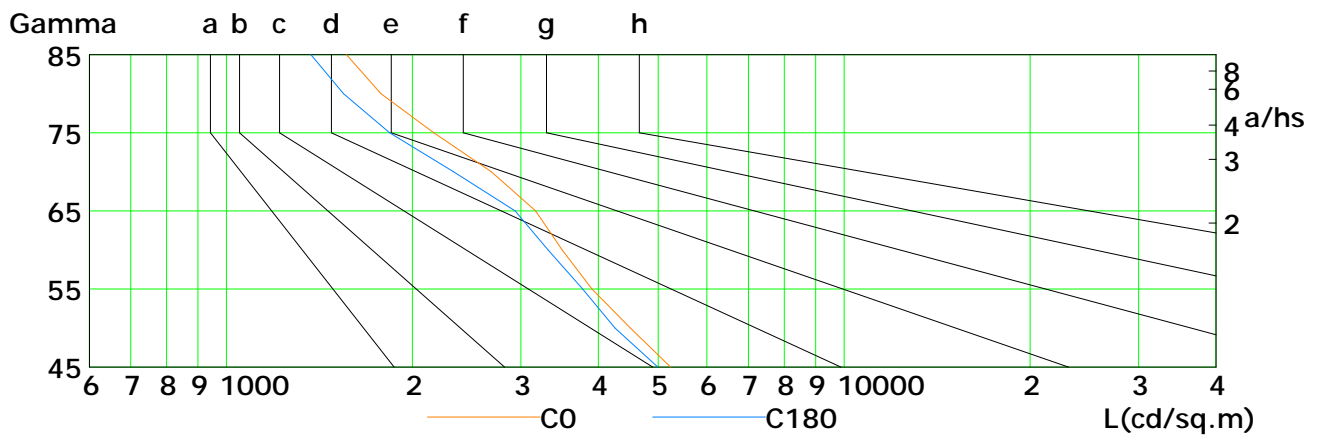
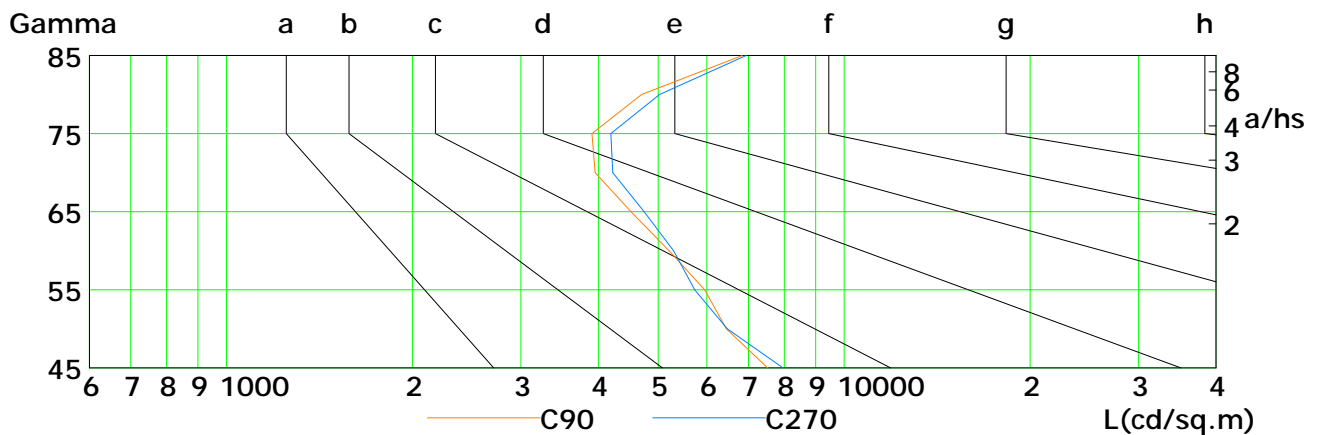
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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



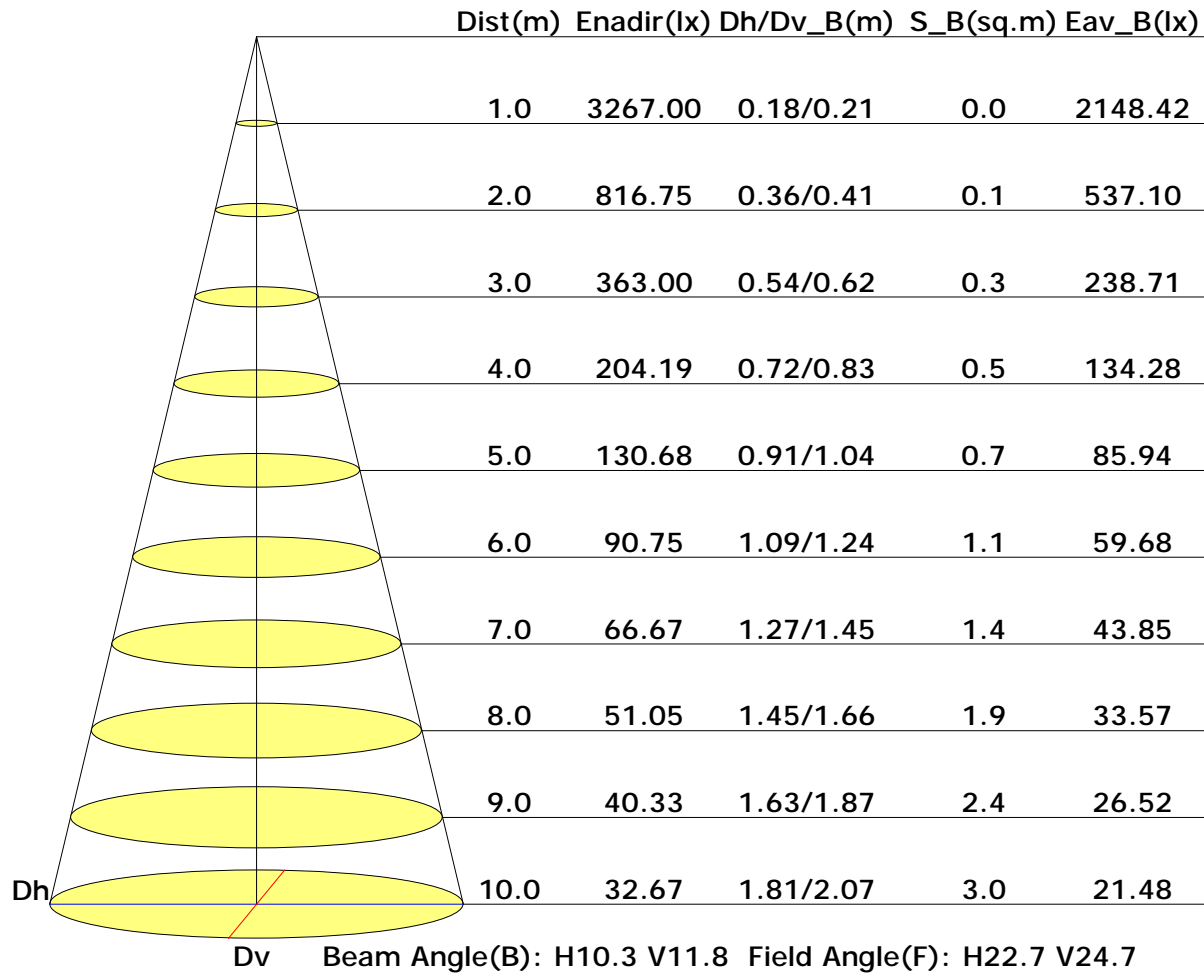
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5238	4507	3910	3498	3167	2688	2168	1779	1566
C90	7520	6448	5948	5212	4522	3956	3909	4704	6850
C180	4995	4259	3775	3318	2935	2335	1839	1549	1370
C270	7968	6470	5729	5296	4747	4222	4193	5027	6945

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

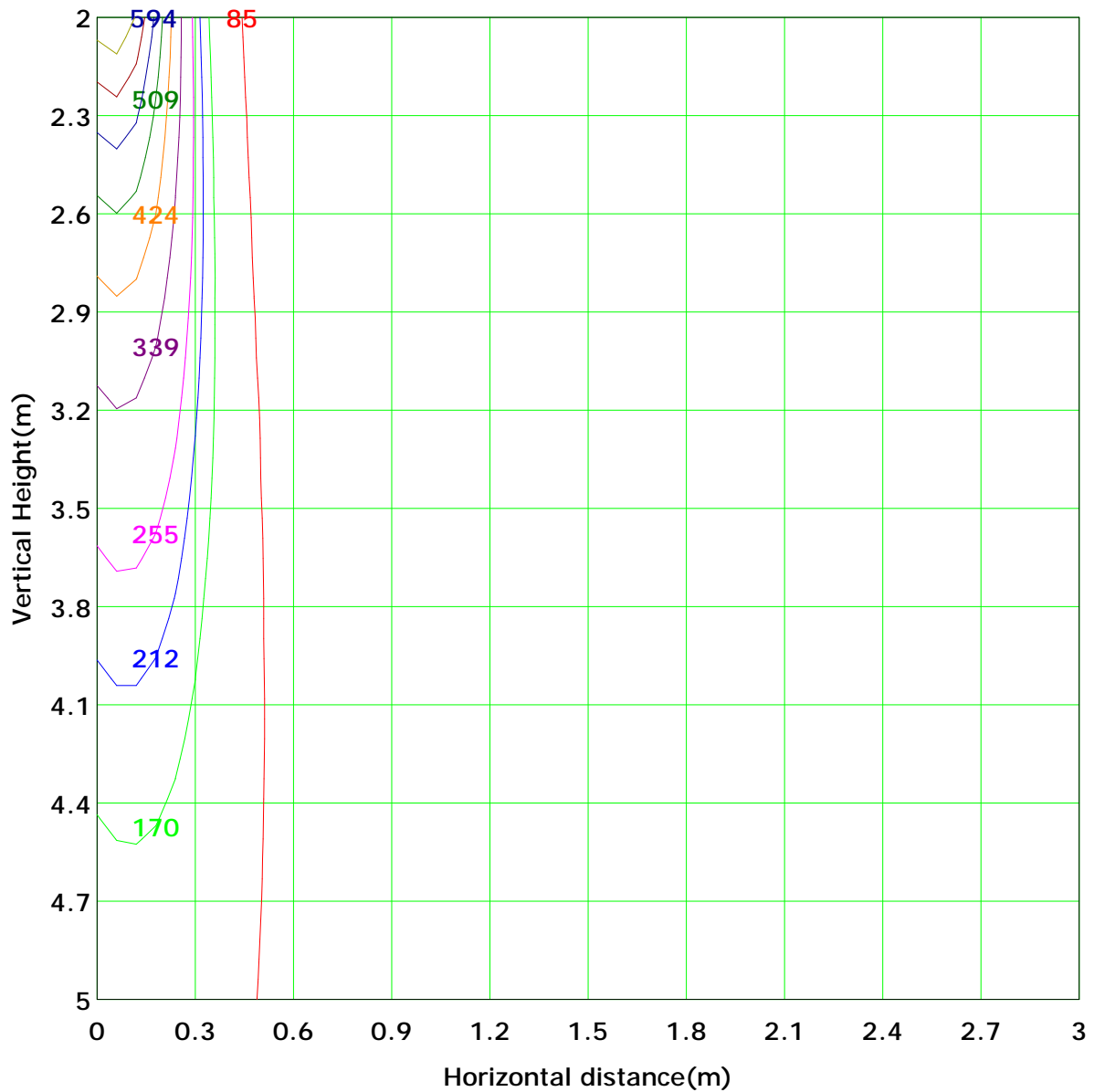


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: 848.7 lx
(10%): 84.9 lx	(20%): 169.7 lx	
(25%): 212.2 lx	(30%): 254.6 lx	
(40%): 339.5 lx	(50%): 424.3 lx	
(60%): 509.2 lx	(70%): 594.1 lx	
(80%): 678.9 lx	(90%): 763.8 lx	

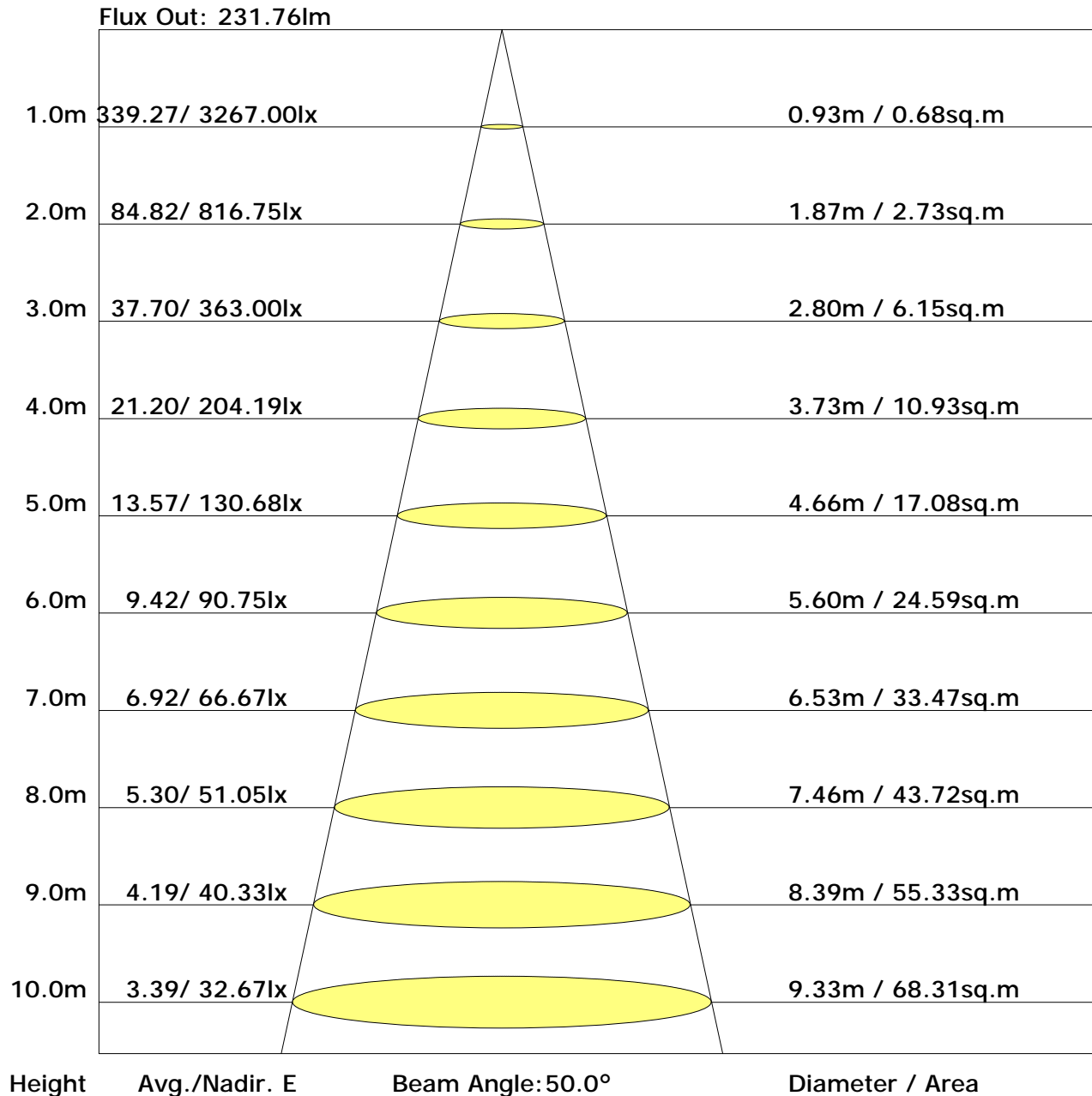
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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	17.1	18.2	17.6	18.7	19.3	14.8	15.9	15.4	16.4	17.0
3H	19.1	20.1	19.7	20.7	21.3	15.8	16.8	16.4	17.4	18.0
4H	19.9	20.8	20.5	21.4	22.1	16.2	17.1	16.8	17.7	18.3
6H	20.7	21.5	21.3	22.1	22.8	16.6	17.4	17.2	18.0	18.7
8H	21.0	21.8	21.6	22.4	23.1	16.8	17.6	17.4	18.2	18.9
12H	21.4	22.2	22.0	22.8	23.5	17.0	17.8	17.6	18.4	19.1
X=4H Y=2H	17.3	18.2	17.9	18.8	19.4	15.4	16.3	16.0	16.9	17.6
3H	19.5	20.2	20.1	20.9	21.5	16.6	17.4	17.2	18.0	18.7
4H	20.4	21.1	21.0	21.7	22.4	17.1	17.8	17.7	18.4	19.1
6H	21.3	21.9	21.9	22.5	23.2	17.6	18.2	18.2	18.8	19.6
8H	21.7	22.3	22.4	22.9	23.6	17.9	18.4	18.5	19.1	19.8
12H	22.2	22.7	22.9	23.4	24.1	18.2	18.7	18.8	19.3	20.1
X=8H Y=4H	20.4	21.0	21.1	21.6	22.4	17.5	18.0	18.1	18.7	19.4
6H	21.4	21.9	22.1	22.6	23.3	18.1	18.6	18.8	19.3	20.0
8H	21.9	22.4	22.6	23.1	23.8	18.5	18.9	19.2	19.6	20.4
12H	22.6	23.0	23.3	23.6	24.5	18.9	19.3	19.6	20.0	20.8
X=12H Y=4H	20.4	20.9	21.1	21.6	22.3	17.5	18.0	18.2	18.7	19.4
6H	21.4	21.8	22.1	22.5	23.3	18.3	18.7	19.0	19.3	20.1
8H	22.0	22.4	22.7	23.0	23.9	18.7	19.1	19.4	19.8	20.6

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 = 0.50								
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	0.77	0.84	0.89	0.93	0.99	1.03	1.05	1.09	1.11
	0.30		0.71	0.78	0.84	0.88	0.94	0.98	1.01	1.05	1.08
	0.20		0.66	0.74	0.79	0.83	0.90	0.94	0.97	1.02	1.05
0.50	0.50	0.20	0.74	0.81	0.85	0.89	0.94	0.97	0.99	1.02	1.04
	0.30		0.69	0.76	0.81	0.84	0.90	0.93	0.96	0.99	1.02
	0.20		0.65	0.72	0.77	0.81	0.86	0.90	0.93	0.97	1.00
0.30	0.50	0.20	0.72	0.78	0.82	0.85	0.89	0.92	0.94	0.96	0.98
	0.30		0.67	0.73	0.78	0.81	0.86	0.89	0.91	0.94	0.96
	0.20		0.64	0.70	0.75	0.78	0.83	0.86	0.89	0.92	0.94
0.00	0.00	0.00	0.61	0.66	0.70	0.73	0.77	0.80	0.82	0.85	0.87
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 = 0.50								
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	0.77	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18
	0.30		0.64	0.55	0.48	0.43	0.35	0.30	0.26	0.21	0.17
	0.20		0.55	0.48	0.43	0.38	0.32	0.28	0.24	0.20	0.16
0.50	0.50	0.20	0.71	0.59	0.50	0.44	0.35	0.33	0.25	0.20	0.16
	0.30		0.60	0.51	0.45	0.40	0.32	0.27	0.24	0.19	0.16
	0.20		0.52	0.45	0.40	0.36	0.30	0.25	0.22	0.18	0.15
0.30	0.50	0.20	0.66	0.54	0.46	0.40	0.32	0.27	0.23	0.18	0.15
	0.30		0.56	0.48	0.41	0.36	0.30	0.25	0.22	0.17	0.14
	0.20		0.49	0.43	0.37	0.33	0.28	0.24	0.21	0.16	0.14
0.00	0.00	0.00	0.35	0.29	0.25	0.22	0.18	0.15	0.13	0.11	0.09
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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50								
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	0.28	0.29	0.30	0.31	0.33	0.33	0.34	0.35	0.35
	0.30		0.22	0.24	0.26	0.27	0.29	0.30	0.31	0.32	0.33
	0.20		0.19	0.20	0.22	0.23	0.25	0.27	0.28	0.30	0.31
0.50	0.50	0.20	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.33	0.34
	0.30		0.22	0.24	0.25	0.26	0.28	0.29	0.30	0.31	0.32
	0.20		0.18	0.20	0.22	0.23	0.25	0.26	0.27	0.29	0.30
0.30	0.50	0.20	0.26	0.27	0.28	0.29	0.30	0.31	0.31	0.32	0.32
	0.30		0.21	0.23	0.24	0.25	0.27	0.28	0.29	0.30	0.31
	0.20		0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.29
0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3298.0	3.2	3.2	0.62	0.62
1.0-2.0	3151.1	9.0	12.2	1.77	2.39
2.0-3.0	2877.6	13.8	26.0	2.69	5.08
3.0-4.0	2517.6	16.9	42.8	3.30	8.38
4.0-5.0	2110.1	18.2	61.0	3.55	11.93
5.0-6.0	1699.1	17.9	78.8	3.49	15.42
6.0-7.0	1325.1	16.4	95.3	3.22	18.64
7.0-8.0	1010.2	14.5	109.7	2.83	21.47
8.0-9.0	763.0	12.4	122.1	2.42	23.89
9.0-10.0	581.5	10.5	132.6	2.06	25.95
10.0-11.0	454.5	9.1	141.7	1.78	27.73
11.0-12.0	366.9	8.0	149.7	1.57	29.30
12.0-13.0	307.9	7.3	157.1	1.43	30.73
13.0-14.0	267.0	6.8	163.9	1.34	32.06
14.0-15.0	237.5	6.5	170.4	1.28	33.34
15.0-16.0	215.8	6.3	176.7	1.24	34.58
16.0-17.0	199.4	6.2	182.9	1.21	35.79
17.0-18.0	186.3	6.1	189.1	1.20	36.99
18.0-19.0	175.6	6.1	195.2	1.20	38.19
19.0-20.0	167.0	6.1	201.3	1.20	39.39
20.0-21.0	159.3	6.1	207.4	1.20	40.58
21.0-22.0	152.1	6.1	213.5	1.20	41.78
22.0-23.0	145.5	6.1	219.6	1.19	42.97
23.0-24.0	139.0	6.1	225.7	1.19	44.16
24.0-25.0	132.7	6.0	231.8	1.18	45.34
25.0-26.0	126.8	6.0	237.7	1.17	46.51
26.0-27.0	121.3	5.9	243.7	1.16	47.68
27.0-28.0	115.8	5.9	249.5	1.15	48.82
28.0-29.0	110.7	5.8	255.3	1.13	49.96
29.0-30.0	105.8	5.7	261.0	1.12	51.07
30.0-31.0	101.1	5.6	266.7	1.10	52.17
31.0-32.0	96.8	5.5	272.2	1.09	53.26
32.0-33.0	92.7	5.5	277.7	1.07	54.33
33.0-34.0	88.8	5.4	283.1	1.05	55.38
34.0-35.0	85.1	5.3	288.4	1.03	56.41
35.0-36.0	81.6	5.2	293.5	1.02	57.43

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	78.3	5.1	298.7	1.00	58.43
37.0-38.0	75.1	5.0	303.7	0.98	59.41
38.0-39.0	72.1	4.9	308.6	0.96	60.37
39.0-40.0	69.3	4.8	313.4	0.95	61.32
40.0-41.0	66.6	4.7	318.2	0.93	62.25
41.0-42.0	64.1	4.7	322.8	0.91	63.16
42.0-43.0	61.8	4.6	327.4	0.90	64.06
43.0-44.0	59.6	4.5	331.9	0.88	64.94
44.0-45.0	57.5	4.4	336.3	0.86	65.80
45.0-46.0	55.5	4.3	340.7	0.85	66.65
46.0-47.0	53.5	4.3	344.9	0.83	67.48
47.0-48.0	51.5	4.2	349.1	0.81	68.30
48.0-49.0	49.6	4.1	353.2	0.80	69.09
49.0-50.0	47.8	4.0	357.1	0.78	69.87
50.0-51.0	46.0	3.9	361.0	0.76	70.64
51.0-52.0	44.2	3.8	364.8	0.74	71.38
52.0-53.0	42.4	3.7	368.5	0.72	72.10
53.0-54.0	40.7	3.6	372.1	0.70	72.80
54.0-55.0	39.3	3.5	375.6	0.69	73.49
55.0-56.0	37.9	3.4	379.0	0.67	74.16
56.0-57.0	36.6	3.3	382.4	0.65	74.81
57.0-58.0	35.2	3.3	385.6	0.64	75.45
58.0-59.0	33.9	3.2	388.8	0.62	76.07
59.0-60.0	32.7	3.1	391.9	0.61	76.67
60.0-61.0	31.5	3.0	394.9	0.59	77.26
61.0-62.0	30.2	2.9	397.8	0.57	77.83
62.0-63.0	28.9	2.8	400.6	0.55	78.38
63.0-64.0	27.6	2.7	403.3	0.53	78.91
64.0-65.0	26.4	2.6	406.0	0.51	79.42
65.0-66.0	25.2	2.5	408.5	0.49	79.91
66.0-67.0	24.0	2.4	410.9	0.47	80.39
67.0-68.0	22.7	2.3	413.2	0.45	80.84
68.0-69.0	21.5	2.2	415.4	0.43	81.27
69.0-70.0	20.3	2.1	417.5	0.41	81.67
70.0-71.0	19.2	2.0	419.4	0.39	82.06
71.0-72.0	18.0	1.9	421.3	0.37	82.43

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	17.0	1.8	423.1	0.35	82.78
73.0-74.0	16.1	1.7	424.8	0.33	83.11
74.0-75.0	15.2	1.6	426.4	0.32	83.42
75.0-76.0	14.5	1.5	427.9	0.30	83.72
76.0-77.0	13.9	1.5	429.4	0.29	84.01
77.0-78.0	13.4	1.4	430.9	0.28	84.29
78.0-79.0	12.8	1.4	432.2	0.27	84.56
79.0-80.0	12.3	1.3	433.5	0.26	84.82
80.0-81.0	11.8	1.3	434.8	0.25	85.07
81.0-82.0	11.4	1.2	436.1	0.24	85.32
82.0-83.0	11.1	1.2	437.3	0.24	85.55
83.0-84.0	10.7	1.2	438.4	0.23	85.78
84.0-85.0	10.5	1.1	439.6	0.22	86.00
85.0-86.0	10.3	1.1	440.7	0.22	86.22
86.0-87.0	10.1	1.1	441.8	0.22	86.44
87.0-88.0	10.0	1.1	442.9	0.21	86.66
88.0-89.0	10.0	1.1	444.0	0.21	86.87
89.0-90.0	9.9	1.1	445.1	0.21	87.08
90.0-91.0	9.9	1.1	446.2	0.21	87.29
91.0-92.0	9.9	1.1	447.3	0.21	87.51
92.0-93.0	9.9	1.1	448.3	0.21	87.72
93.0-94.0	9.9	1.1	449.4	0.21	87.93
94.0-95.0	9.9	1.1	450.5	0.21	88.14
95.0-96.0	9.9	1.1	451.6	0.21	88.35
96.0-97.0	9.9	1.1	452.7	0.21	88.56
97.0-98.0	9.9	1.1	453.7	0.21	88.77
98.0-99.0	9.9	1.1	454.8	0.21	88.98
99.0-100.0	9.9	1.1	455.9	0.21	89.20
100.0-101.0	9.9	1.1	457.0	0.21	89.41
101.0-102.0	9.9	1.1	458.0	0.21	89.61
102.0-103.0	9.9	1.1	459.1	0.21	89.82
103.0-104.0	10.0	1.1	460.2	0.21	90.03
104.0-105.0	9.9	1.1	461.2	0.21	90.24
105.0-106.0	10.0	1.1	462.3	0.21	90.44
106.0-107.0	10.0	1.0	463.3	0.20	90.65
107.0-108.0	10.0	1.0	464.4	0.20	90.85

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	10.0	1.0	465.4	0.20	91.06
109.0-110.0	10.1	1.0	466.4	0.20	91.26
110.0-111.0	10.1	1.0	467.5	0.20	91.46
111.0-112.0	10.1	1.0	468.5	0.20	91.66
112.0-113.0	10.0	1.0	469.5	0.20	91.86
113.0-114.0	10.0	1.0	470.5	0.20	92.06
114.0-115.0	10.0	1.0	471.5	0.20	92.25
115.0-116.0	10.0	1.0	472.5	0.19	92.45
116.0-117.0	10.1	1.0	473.5	0.19	92.64
117.0-118.0	10.1	1.0	474.5	0.19	92.84
118.0-119.0	10.1	1.0	475.5	0.19	93.03
119.0-120.0	10.2	1.0	476.5	0.19	93.22
120.0-121.0	10.2	1.0	477.4	0.19	93.41
121.0-122.0	10.2	1.0	478.4	0.19	93.59
122.0-123.0	10.3	0.9	479.3	0.19	93.78
123.0-124.0	10.3	0.9	480.3	0.18	93.96
124.0-125.0	10.3	0.9	481.2	0.18	94.14
125.0-126.0	10.3	0.9	482.1	0.18	94.32
126.0-127.0	10.3	0.9	483.0	0.18	94.50
127.0-128.0	10.3	0.9	483.9	0.18	94.68
128.0-129.0	10.3	0.9	484.8	0.17	94.85
129.0-130.0	10.3	0.9	485.7	0.17	95.02
130.0-131.0	10.4	0.9	486.5	0.17	95.19
131.0-132.0	10.5	0.9	487.4	0.17	95.36
132.0-133.0	10.5	0.8	488.2	0.17	95.52
133.0-134.0	10.5	0.8	489.1	0.16	95.69
134.0-135.0	10.5	0.8	489.9	0.16	95.85
135.0-136.0	10.6	0.8	490.7	0.16	96.01
136.0-137.0	10.7	0.8	491.5	0.16	96.16
137.0-138.0	10.8	0.8	492.3	0.16	96.32
138.0-139.0	10.8	0.8	493.1	0.15	96.47
139.0-140.0	10.9	0.8	493.9	0.15	96.63
140.0-141.0	11.0	0.8	494.6	0.15	96.78
141.0-142.0	11.0	0.8	495.4	0.15	96.92
142.0-143.0	11.1	0.7	496.1	0.14	97.07
143.0-144.0	11.1	0.7	496.9	0.14	97.21

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	11.2	0.7	497.6	0.14	97.35
145.0-146.0	11.2	0.7	498.3	0.14	97.48
146.0-147.0	11.3	0.7	499.0	0.13	97.62
147.0-148.0	11.4	0.7	499.6	0.13	97.75
148.0-149.0	11.5	0.7	500.3	0.13	97.88
149.0-150.0	11.6	0.6	500.9	0.13	98.01
150.0-151.0	11.7	0.6	501.6	0.12	98.13
151.0-152.0	11.7	0.6	502.2	0.12	98.25
152.0-153.0	11.8	0.6	502.8	0.12	98.37
153.0-154.0	11.9	0.6	503.4	0.11	98.48
154.0-155.0	11.9	0.6	503.9	0.11	98.59
155.0-156.0	12.0	0.5	504.5	0.11	98.70
156.0-157.0	12.0	0.5	505.0	0.10	98.80
157.0-158.0	12.2	0.5	505.5	0.10	98.90
158.0-159.0	12.2	0.5	506.0	0.10	99.00
159.0-160.0	12.2	0.5	506.5	0.09	99.09
160.0-161.0	12.3	0.4	506.9	0.09	99.18
161.0-162.0	12.3	0.4	507.3	0.08	99.26
162.0-163.0	12.4	0.4	507.7	0.08	99.34
163.0-164.0	12.4	0.4	508.1	0.08	99.41
164.0-165.0	12.3	0.4	508.5	0.07	99.48
165.0-166.0	12.3	0.3	508.8	0.07	99.55
166.0-167.0	12.3	0.3	509.1	0.06	99.61
167.0-168.0	12.3	0.3	509.4	0.06	99.67
168.0-169.0	12.3	0.3	509.7	0.05	99.72
169.0-170.0	12.4	0.2	510.0	0.05	99.77
170.0-171.0	12.4	0.2	510.2	0.04	99.81
171.0-172.0	12.3	0.2	510.4	0.04	99.85
172.0-173.0	12.2	0.2	510.6	0.03	99.89
173.0-174.0	12.2	0.2	510.7	0.03	99.92
174.0-175.0	12.3	0.1	510.8	0.03	99.94
175.0-176.0	12.2	0.1	510.9	0.02	99.96
176.0-177.0	12.1	0.1	511.0	0.02	99.98
177.0-178.0	12.0	0.1	511.1	0.01	99.99
178.0-179.0	12.1	0.0	511.1	0.01	100.00
179.0-180.0	12.2	0.0	511.1	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: