ACOLYTE
https://www.genledbrands.com/
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Report No.: **Test Time: 2021/1/26 12:15**

Luminaire Property

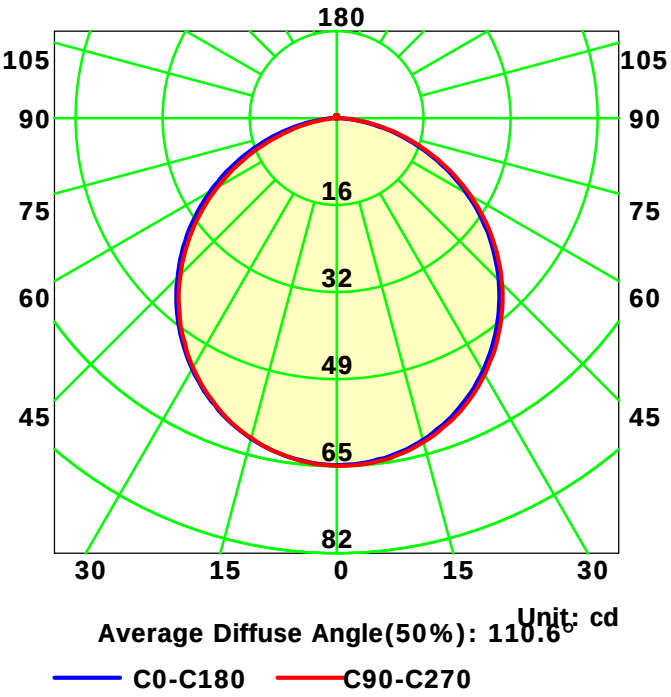
Luminaire Manufacturer:
Luminaire Category: CHANNEL
Luminaire Description: AR8
Lamp Catalog: RIBBONLYTE
Lamp Description: RB90SWS2203.030
Number of Lamps: 1 ROWS
Luminous Length (mm): 500
Luminous Width (mm): 53
Luminous Height (mm): 13.5
Voltage: 24.0 V
Current: 0.216 A
Power: 5.19 W
Power Factor: 1.000

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 184.9 lm
Measurement Flux: 184.9 lm
Efficiency: 100%
Downward Ratio: 99%
Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H160.6,H110.8
Vertical Diffuse Angle(10%,50%): V159.2,V110.3
Luminaire Efficacy Rating (LER): 36
Central Intensity: 65.71 cd
Max. Intensity: 65.95 cd
Pos of Max. Intensity: H120 V0

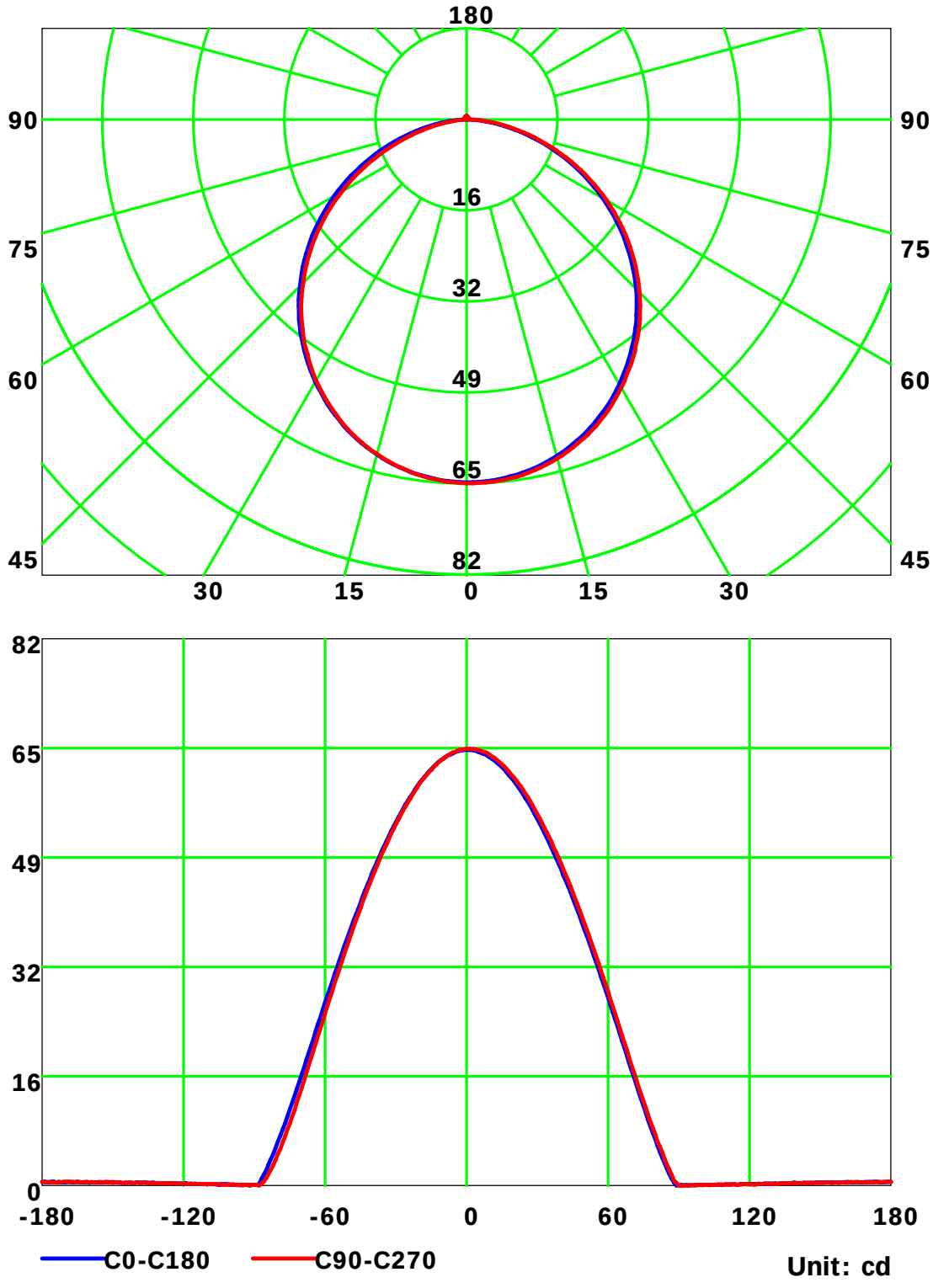
Picture Of Luminaire

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 9.028 m
Temperature: 25
Humidity: 60%
Operator: Nick
Inspector:

Luminous Intensity Distribution Curve



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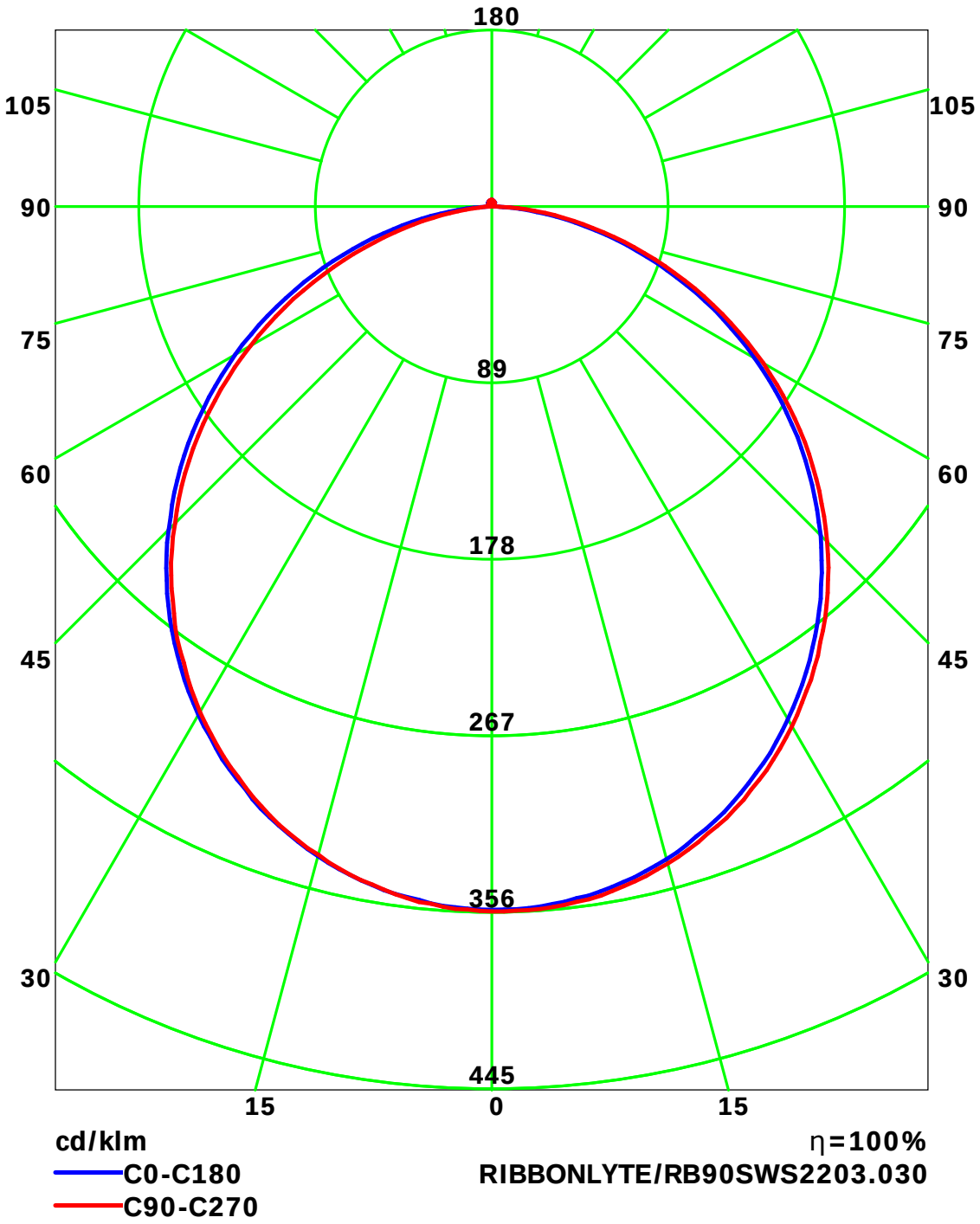
Luminous Intensity Distribution Curve(cd/klm)



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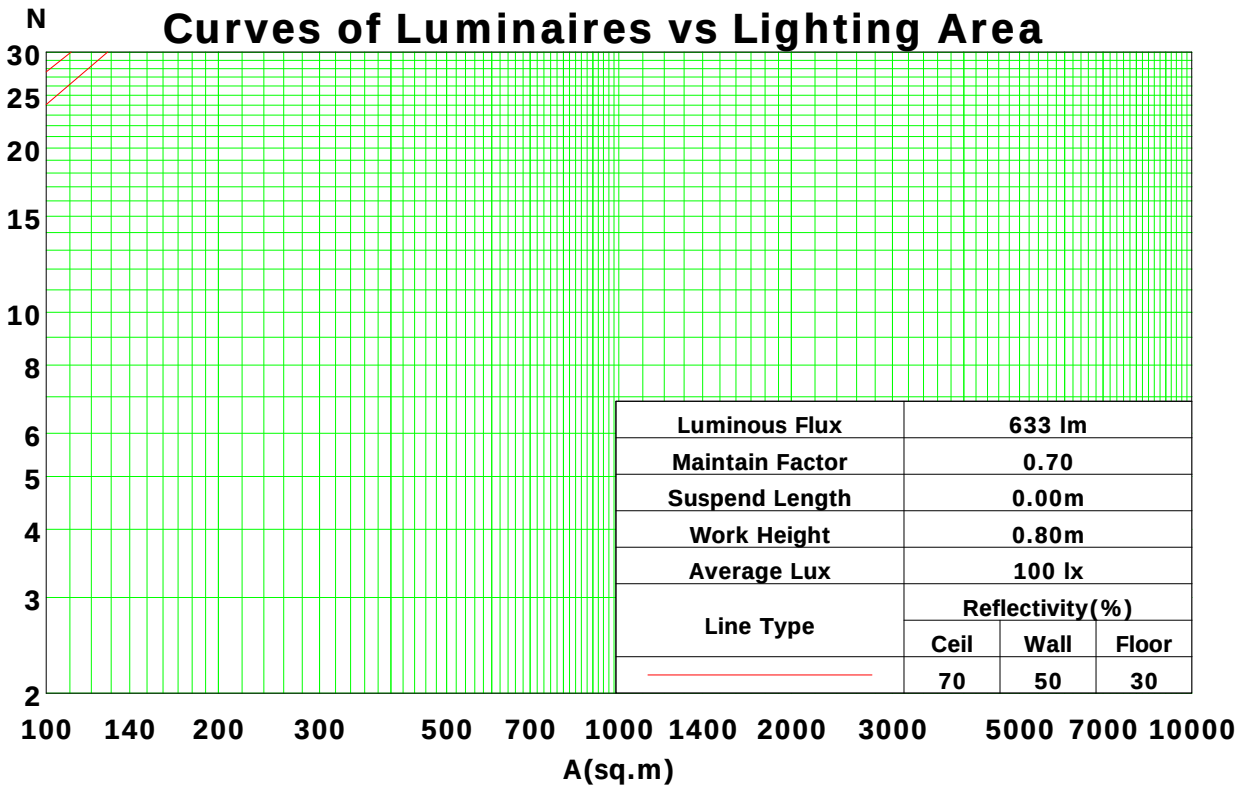
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83
2	99	91	84	78	96	89	83	77	85	80	75	82	77	73	78	75	72	69
3	90	80	72	65	88	78	71	64	75	68	63	72	67	62	69	65	61	59
4	83	71	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	45	40	38
7	65	52	43	37	63	51	42	36	49	42	36	47	41	36	46	40	35	33
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.25
Spacing Criteria (Diagonal): 1.36

Curves of Luminaires vs Lighting Area



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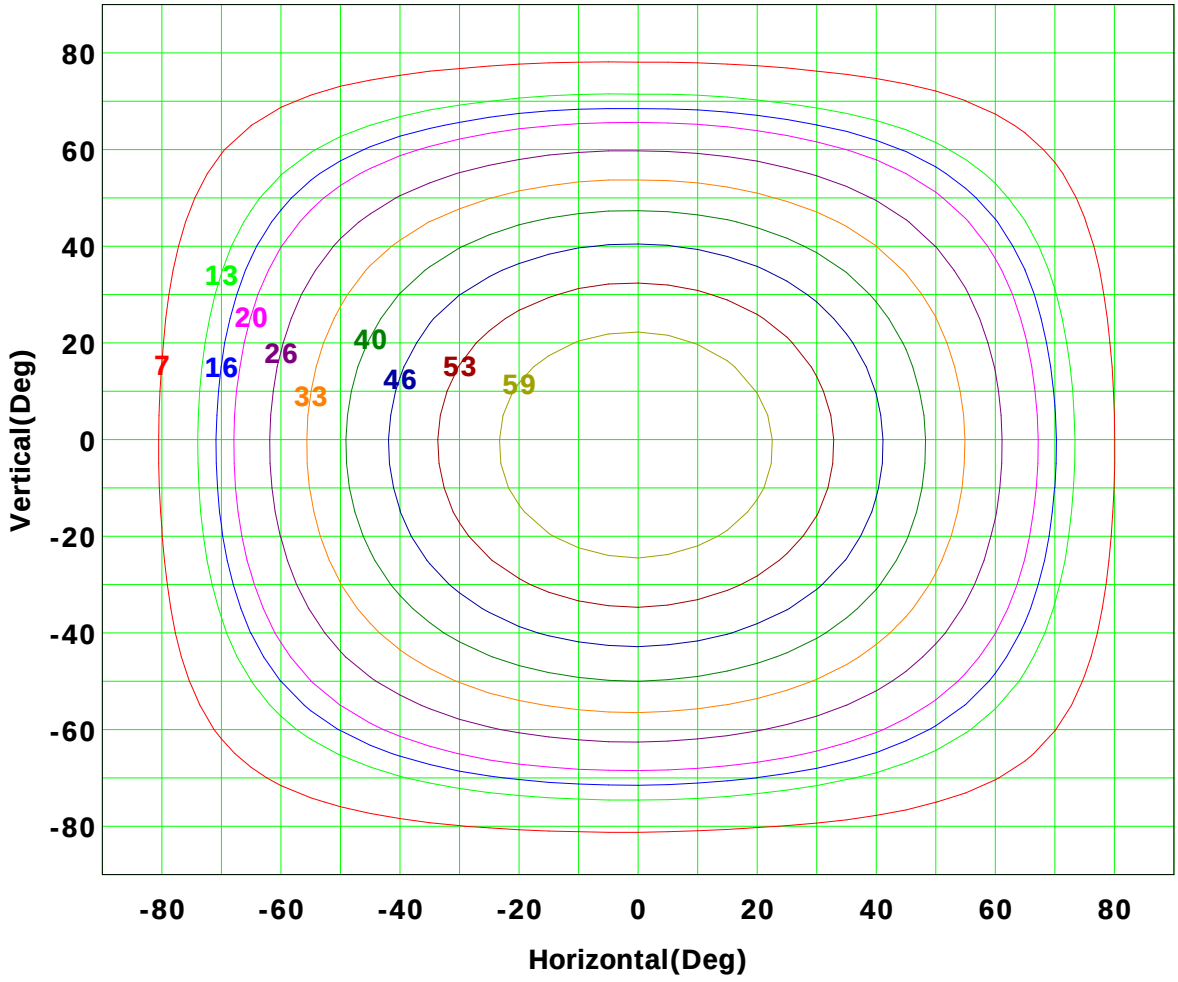
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Isocandela (rectangle)



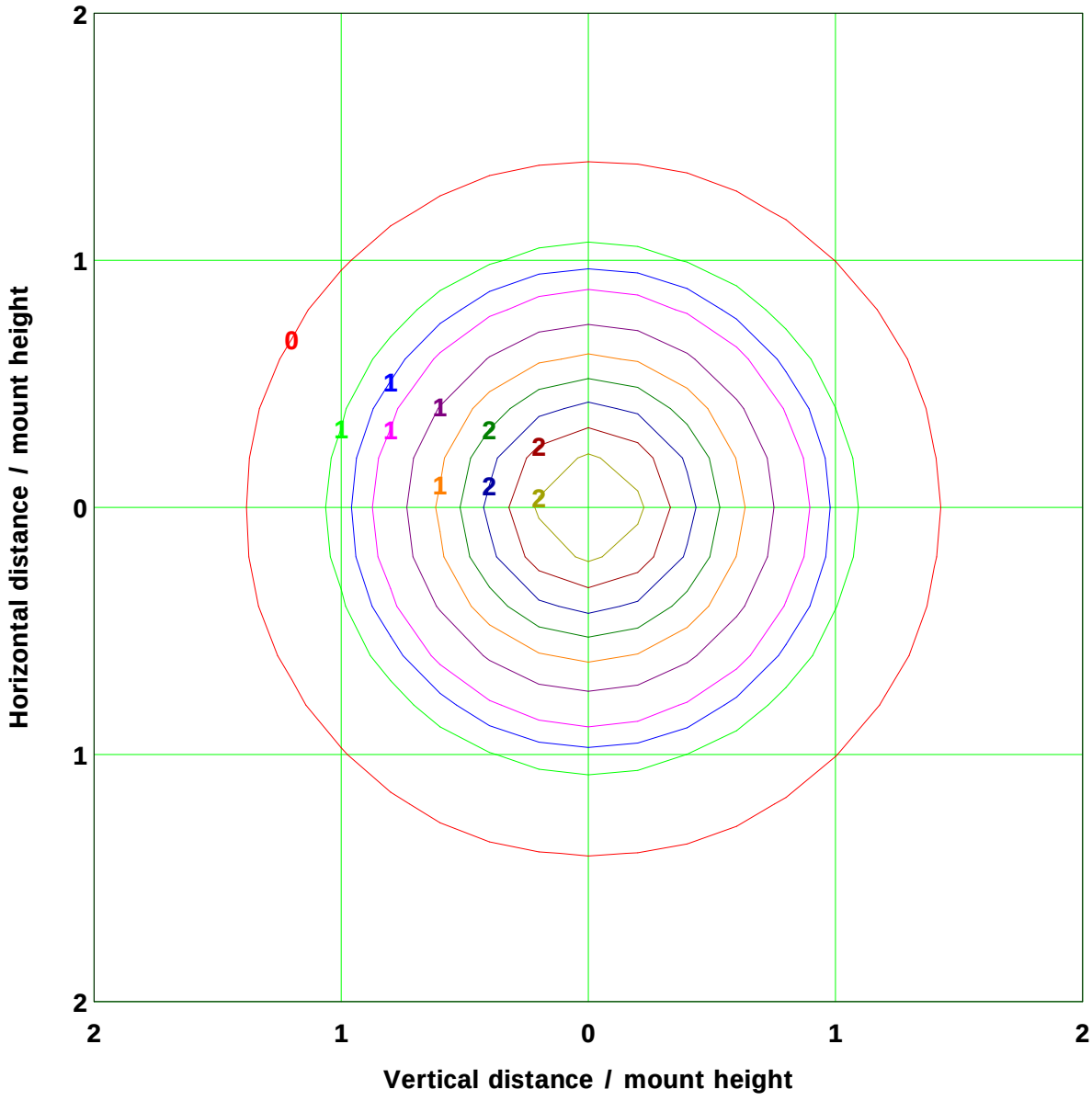
Imax (100%): 66 cd

(10%):	7 cd	(20%):	13 cd
(25%):	16 cd	(30%):	20 cd
(40%):	26 cd	(50%):	33 cd
(60%):	40 cd	(70%):	46 cd
(80%):	53 cd	(90%):	59 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%): 2.6 lx

(10%): 0.3 lx	(20%): 0.5 lx
(25%): 0.7 lx	(30%): 0.8 lx
(40%): 1.1 lx	(50%): 1.3 lx
(60%): 1.6 lx	(70%): 1.8 lx
(80%): 2.1 lx	(90%): 2.4 lx

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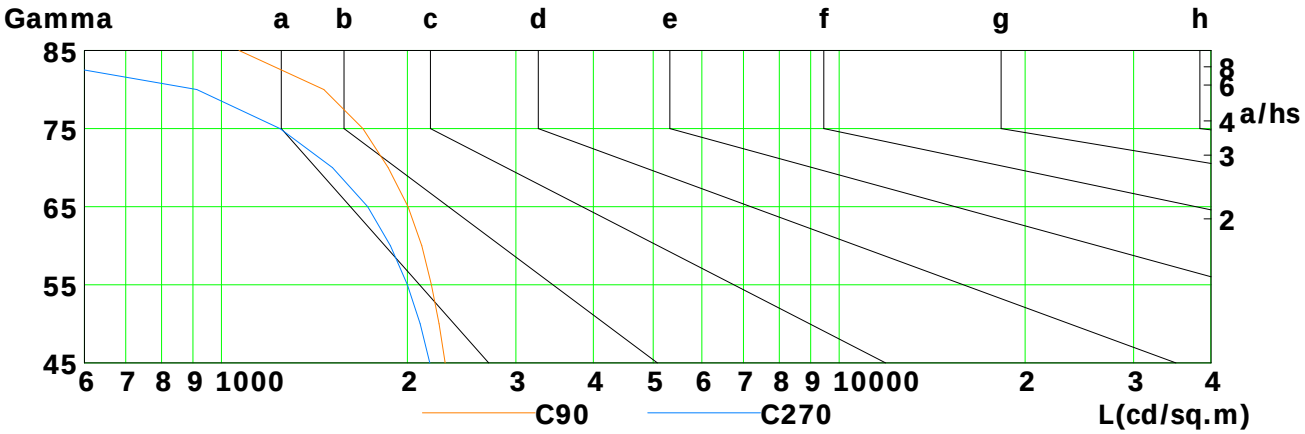
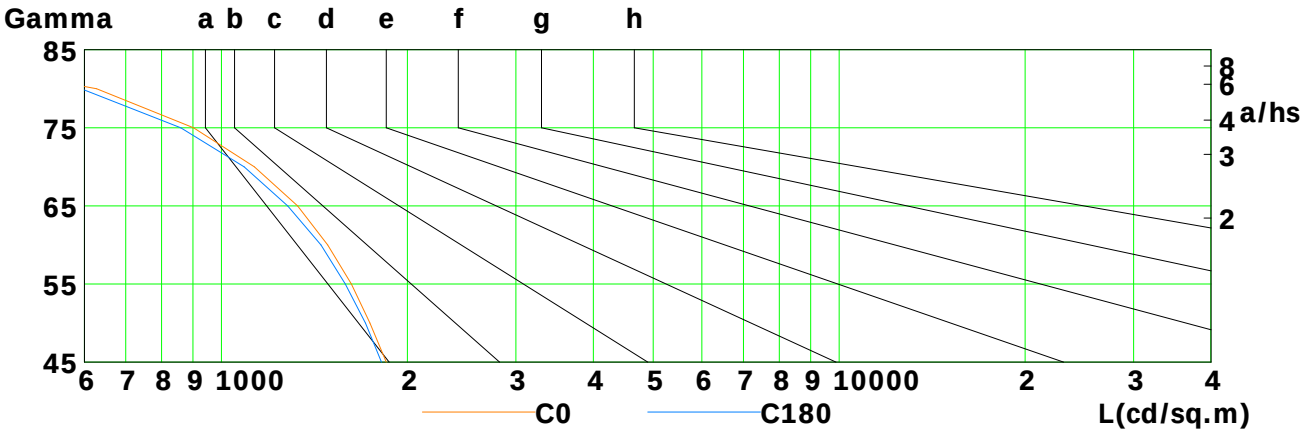
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	1848	1741	1623	1487	1329	1131	902	628	288
C90	2303	2252	2189	2112	2006	1862	1695	1466	1069
C180	1816	1711	1587	1450	1280	1089	860	593	262
C270	2176	2100	2001	1879	1726	1514	1245	912	397

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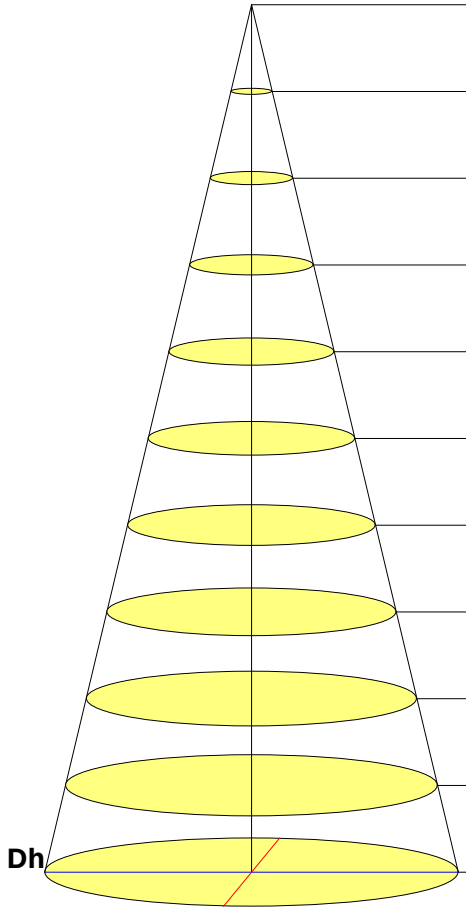
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Illuminance at a Distance



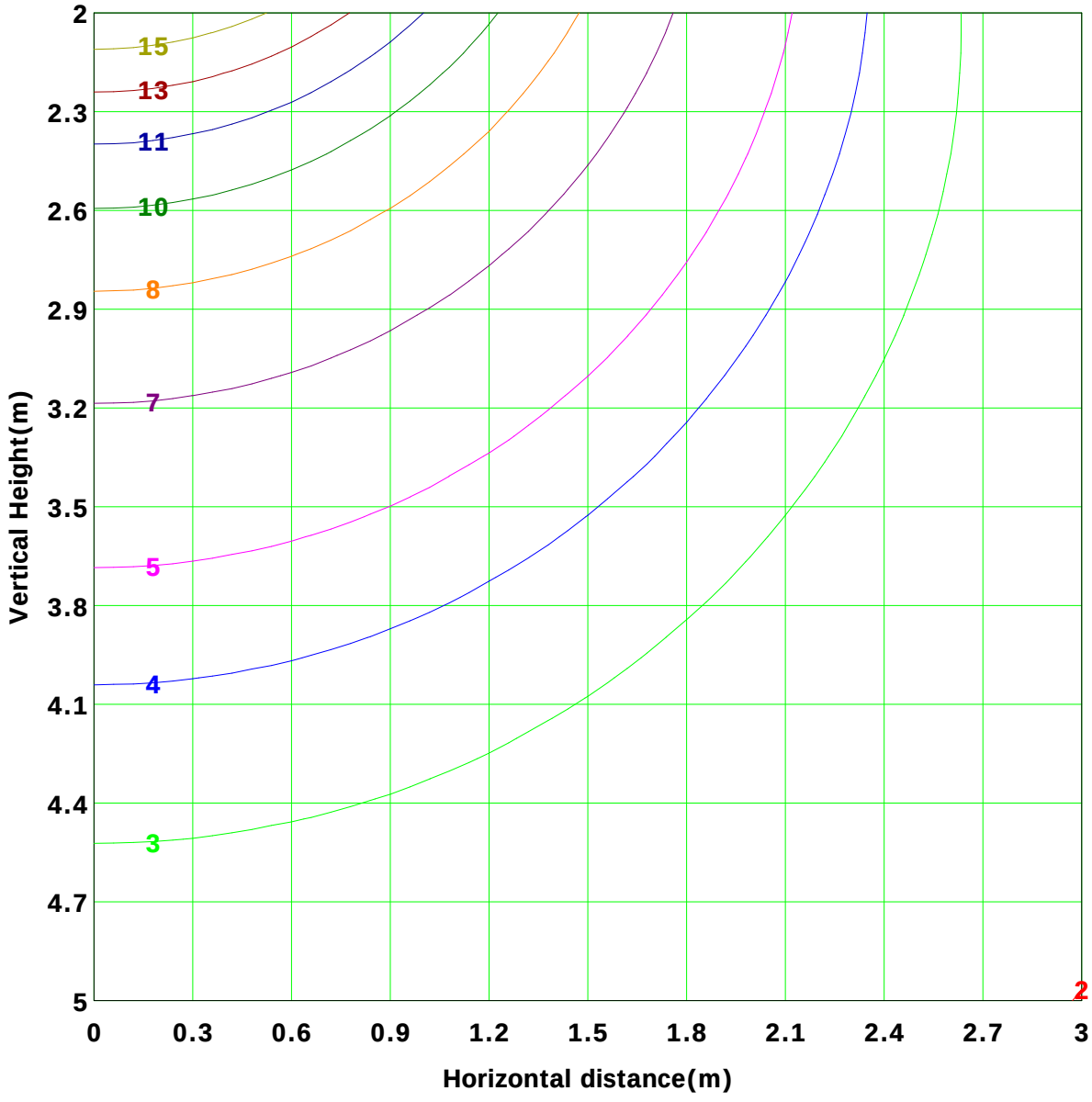
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	65.71	2.90/2.87	6.5	11.28
2.0	16.43	5.80/5.74	26.2	2.82
3.0	7.30	8.70/8.62	58.9	1.25
4.0	4.11	11.60/11.49	104.6	0.71
5.0	2.63	14.50/14.36	163.5	0.45
6.0	1.83	17.40/17.23	235.4	0.31
7.0	1.34	20.30/20.11	320.5	0.23
8.0	1.03	23.20/22.98	418.6	0.18
9.0	0.81	26.10/25.85	529.8	0.14
10.0	0.66	29.00/28.72	654.0	0.11

Beam Angle(B): H110.8 V110.3 Field Angle(F): H160.6 V159.2

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: 16.4 lx

(10%): 1.6 lx	(20%): 3.3 lx
(25%): 4.1 lx	(30%): 4.9 lx
(40%): 6.6 lx	(50%): 8.2 lx
(60%): 9.9 lx	(70%): 11.5 lx
(80%): 13.1 lx	(90%): 14.8 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:

Area Flux Table

Unit: lm

Horizontal plane	Vertical plane																									Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	80	70	60	50	40	30		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0		0.8
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.1	0.2	0.2		2.8
-60	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	6.0	0.0	0.0	0.1	0.3	0.4	0.5		5.8
-50	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.2	0.0	9.7	0.0	0.0	0.2	0.5	0.6	0.7		9.5
-40	0.0	0.0	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.3	1.2	1.1	1.0	0.7	0.4	0.2	0.1	13.5	0.1	0.2	0.3	0.7	0.9	1.0		13.3
-30	0.0	0.0	0.2	0.4	0.5	0.8	1.0	1.2	1.4	1.6	1.6	1.5	1.4	1.2	0.8	0.5	0.3	0.1	16.9	0.1	0.3	0.6	0.8	1.1	1.3		16.8
-20	0.0	0.0	0.3	0.6	0.6	0.9	1.2	1.4	1.6	1.8	1.8	1.8	1.6	1.4	1.0	0.7	0.4	0.1	19.6	0.1	0.4	0.7	1.0	1.2	1.5		19.4
-10	0.0	0.0	0.3	0.6	0.7	1.0	1.3	1.5	1.7	1.9	2.0	1.9	1.7	1.5	1.0	0.7	0.4	0.1	21.1	0.1	0.4	0.7	1.0	1.3	1.6		20.9
0	0.1	0.0	0.3	0.6	0.6	1.0	1.3	1.5	1.7	1.9	2.0	1.9	1.7	1.5	1.0	0.7	0.4	0.1	21.1	0.1	0.4	0.7	1.0	1.3	1.6		21.0
10	0.0	0.0	0.3	0.6	0.6	0.9	1.2	1.4	1.6	1.8	1.8	1.8	1.6	1.4	1.0	0.7	0.4	0.1	19.8	0.1	0.4	0.7	1.0	1.2	1.5		19.6
20	0.0	0.0	0.2	0.5	0.4	0.8	1.0	1.2	1.4	1.5	1.6	1.5	1.4	1.2	0.8	0.5	0.3	0.1	17.2	0.1	0.3	0.6	0.8	1.1	1.3		17.0
30	0.0	0.0	0.2	0.4	0.4	0.6	0.8	1.0	1.2	1.3	1.3	1.2	1.1	1.0	0.7	0.4	0.2	0.1	13.7	0.1	0.2	0.5	0.7	0.9	1.0		13.6
40	0.0	0.0	0.1	0.3	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.2	0.0	9.9	0.0	0.2	0.3	0.5	0.6	0.7		9.7
50	0.0	0.0	0.1	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.3	0.2	0.1	0.0	6.2	0.0	0.1	0.2	0.3	0.4	0.5		6.0
60	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0	3.1	0.0	0.1	0.1	0.1	0.2	0.2		2.9
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.1		0.8
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		0.0
90	0.4	2.5	5.3	8.2	10.9	13.3	15.1	16.4	17.1	17.2	16.6	15.5	13.7	11.5	8.9	6.1	3.3	0.8	183								
Flux(T)	1.8	5.1	8.1	10.9	13.2	15.1	16.4	17.1	17.2	16.6	15.4	13.7	11.5	8.9	6.0	2.9	0.1										
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									

C Plane (°):0.0-360.0: 30.0
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Gamma Plane (°):0.0-180.0:1.0
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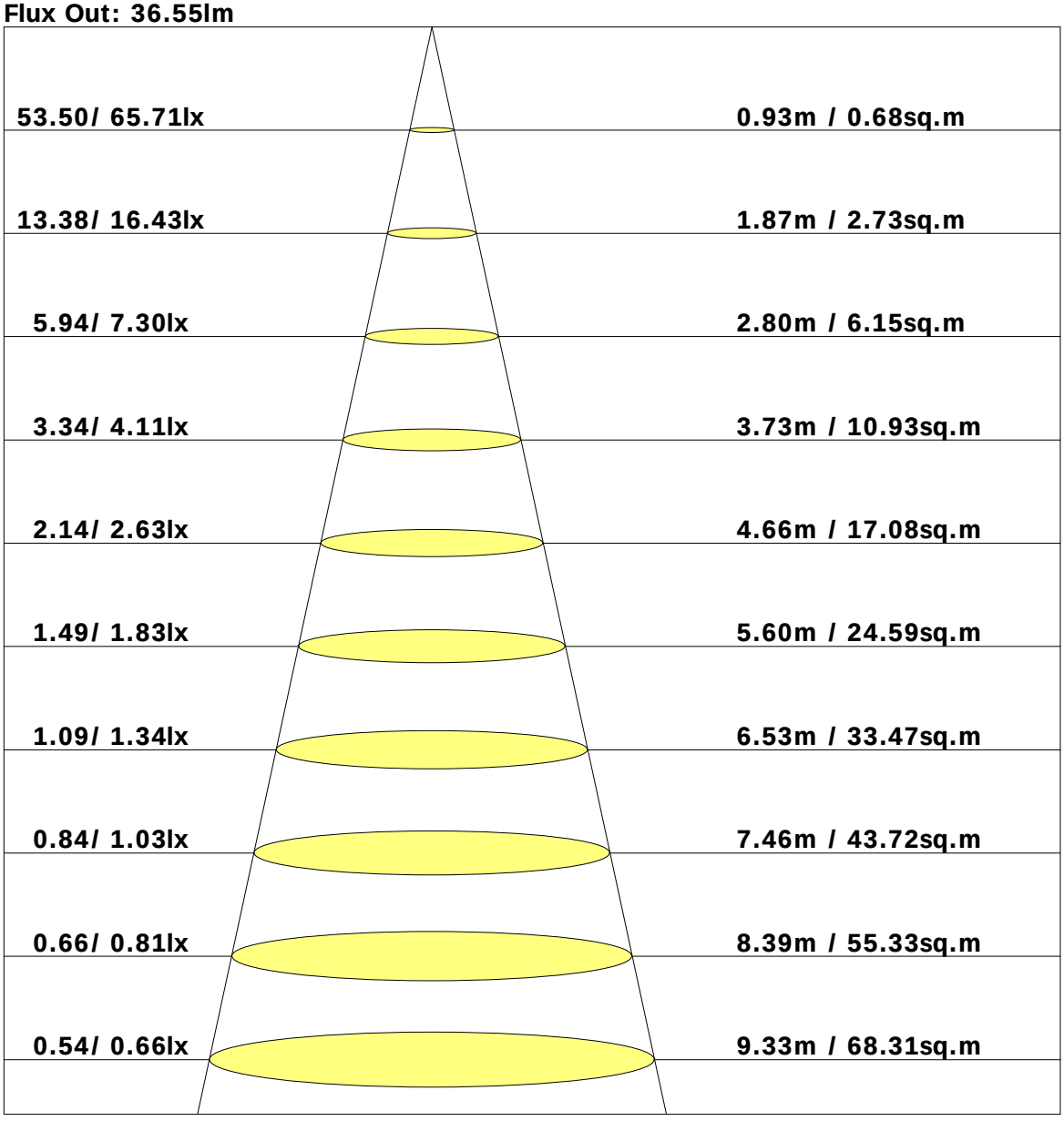
Distance: 9.028 m
Humidity: 60%
Inspector:

The Average Illuminance Effective Figure

Flux Out: 36.55lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	53.50/ 65.71lx		0.93m / 0.68sq.m
2.0m	13.38/ 16.43lx		1.87m / 2.73sq.m
3.0m	5.94/ 7.30lx		2.80m / 6.15sq.m
4.0m	3.34/ 4.11lx		3.73m / 10.93sq.m
5.0m	2.14/ 2.63lx		4.66m / 17.08sq.m
6.0m	1.49/ 1.83lx		5.60m / 24.59sq.m
7.0m	1.09/ 1.34lx		6.53m / 33.47sq.m
8.0m	0.84/ 1.03lx		7.46m / 43.72sq.m
9.0m	0.66/ 0.81lx		8.39m / 55.33sq.m
10.0m	0.54/ 0.66lx		9.33m / 68.31sq.m

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Distance: 9.028 m
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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	20.2	21.8	20.6	22.2	22.5	19.8	21.4	20.2	21.7	22.1
3H	22.0	23.4	22.4	23.8	24.1	21.3	22.8	21.7	23.1	23.5
4H	22.6	23.9	23.0	24.3	24.7	21.9	23.2	22.3	23.6	24.0
6H	23.0	24.3	23.4	24.7	25.1	22.2	23.5	22.6	23.9	24.3
8H	23.1	24.3	23.6	24.7	25.2	22.3	23.5	22.7	23.9	24.3
12H	23.2	24.3	23.6	24.7	25.2	22.3	23.5	22.8	23.9	24.3
X=4H Y=2H	20.7	22.1	21.1	22.4	22.8	20.4	21.7	20.8	22.1	22.5
3H	22.6	23.8	23.0	24.2	24.6	22.2	23.3	22.6	23.7	24.1
4H	23.3	24.4	23.8	24.8	25.3	22.8	23.8	23.2	24.3	24.7
6H	23.9	24.8	24.3	25.2	25.7	23.2	24.1	23.7	24.6	25.1
8H	24.0	24.9	24.5	25.3	25.8	23.3	24.2	23.8	24.6	25.1
12H	24.1	24.9	24.6	25.4	25.9	23.4	24.2	23.9	24.6	25.1
X=8H Y=4H	23.5	24.4	24.0	24.8	25.3	23.1	23.9	23.5	24.4	24.8
6H	24.1	24.8	24.6	25.3	25.8	23.6	24.3	24.1	24.8	25.3
8H	24.3	24.9	24.8	25.5	26.0	23.7	24.4	24.3	24.9	25.4
12H	24.4	25.0	25.0	25.5	26.1	23.8	24.4	24.4	24.9	25.5
X=12H Y=4H	23.5	24.3	24.0	24.8	25.3	23.1	23.8	23.6	24.3	24.8
6H	24.1	24.8	24.7	25.2	25.8	23.6	24.2	24.2	24.7	25.3
8H	24.4	24.9	24.9	25.4	26.0	23.8	24.4	24.3	24.9	25.4

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	0.57	0.67	0.75	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.49	0.60	0.67	0.73	0.81	0.87	0.91	0.96	1.00
	0.20		0.43	0.54	0.62	0.68	0.76	0.82	0.87	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.48	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.43	0.53	0.61	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.54	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.47	0.57	0.64	0.69	0.77	0.82	0.85	0.90	0.93
	0.20		0.43	0.53	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.50	0.57	0.62	0.69	0.74	0.78	0.83	0.85

Rating:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.99	0.82	0.69	0.60	0.48	0.40	0.34	0.26	0.21
	0.30		0.83	0.70	0.61	0.53	0.44	0.37	0.31	0.25	0.20
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19
0.50	0.50	0.20	0.95	0.78	0.66	0.58	0.46	0.41	0.32	0.25	0.20
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.19
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.28	0.22	0.19
0.30	0.50	0.20	0.93	0.75	0.64	0.55	0.44	0.36	0.31	0.24	0.19
	0.30		0.79	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19
	0.20		0.69	0.59	0.52	0.46	0.38	0.32	0.27	0.22	0.18
0.00	0.00	0.00	0.59	0.49	0.42	0.37	0.30	0.25	0.21	0.17	0.14

Rating:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.17	0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	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	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	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	0.19	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:5W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	65.8	0.1	0.1	0.03	0.03
1.0-2.0	65.8	0.2	0.3	0.10	0.14
2.0-3.0	65.8	0.3	0.6	0.17	0.31
3.0-4.0	65.7	0.4	1.0	0.24	0.54
4.0-5.0	65.6	0.6	1.6	0.31	0.85
5.0-6.0	65.5	0.7	2.3	0.37	1.22
6.0-7.0	65.3	0.8	3.1	0.44	1.66
7.0-8.0	65.1	0.9	4.0	0.50	2.16
8.0-9.0	64.9	1.1	5.1	0.57	2.73
9.0-10.0	64.7	1.2	6.2	0.63	3.37
10.0-11.0	64.5	1.3	7.5	0.70	4.06
11.0-12.0	64.2	1.4	8.9	0.76	4.82
12.0-13.0	63.9	1.5	10.4	0.82	5.64
13.0-14.0	63.6	1.6	12.1	0.88	6.52
14.0-15.0	63.3	1.7	13.8	0.94	7.46
15.0-16.0	62.9	1.8	15.6	1.00	8.46
16.0-17.0	62.5	1.9	17.6	1.05	9.51
17.0-18.0	62.1	2.0	19.6	1.11	10.62
18.0-19.0	61.7	2.1	21.8	1.16	11.78
19.0-20.0	61.3	2.2	24.0	1.21	13.00
20.0-21.0	60.8	2.3	26.4	1.26	14.26
21.0-22.0	60.3	2.4	28.8	1.31	15.57
22.0-23.0	59.7	2.5	31.3	1.36	16.92
23.0-24.0	59.2	2.6	33.9	1.40	18.32
24.0-25.0	58.7	2.7	36.6	1.44	19.77
25.0-26.0	58.1	2.7	39.3	1.48	21.25
26.0-27.0	57.5	2.8	42.1	1.52	22.77
27.0-28.0	56.9	2.9	45.0	1.56	24.33
28.0-29.0	56.2	2.9	47.9	1.59	25.92
29.0-30.0	55.6	3.0	50.9	1.62	27.54
30.0-31.0	54.9	3.1	54.0	1.65	29.19
31.0-32.0	54.2	3.1	57.1	1.68	30.87
32.0-33.0	53.5	3.1	60.2	1.70	32.58
33.0-34.0	52.7	3.2	63.4	1.73	34.30
34.0-35.0	52.0	3.2	66.7	1.75	36.05
35.0-36.0	51.2	3.3	69.9	1.76	37.81

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	50.4	3.3	73.2	1.78	39.59
37.0-38.0	49.6	3.3	76.5	1.79	41.38
38.0-39.0	48.8	3.3	79.9	1.80	43.19
39.0-40.0	48.0	3.3	83.2	1.81	45.00
40.0-41.0	47.1	3.4	86.6	1.81	46.81
41.0-42.0	46.3	3.4	89.9	1.82	48.63
42.0-43.0	45.4	3.4	93.3	1.82	50.45
43.0-44.0	44.5	3.4	96.6	1.82	52.26
44.0-45.0	43.6	3.3	100.0	1.81	54.07
45.0-46.0	42.6	3.3	103.3	1.80	55.88
46.0-47.0	41.7	3.3	106.6	1.79	57.67
47.0-48.0	40.7	3.3	109.9	1.78	59.45
48.0-49.0	39.8	3.3	113.2	1.77	61.21
49.0-50.0	38.8	3.2	116.4	1.75	62.96
50.0-51.0	37.8	3.2	119.6	1.73	64.69
51.0-52.0	36.8	3.2	122.8	1.71	66.40
52.0-53.0	35.8	3.1	125.9	1.68	68.08
53.0-54.0	34.7	3.1	129.0	1.66	69.74
54.0-55.0	33.7	3.0	132.0	1.63	71.37
55.0-56.0	32.6	3.0	134.9	1.60	72.96
56.0-57.0	31.6	2.9	137.8	1.56	74.52
57.0-58.0	30.5	2.8	140.6	1.53	76.05
58.0-59.0	29.4	2.8	143.4	1.49	77.54
59.0-60.0	28.4	2.7	146.0	1.45	78.99
60.0-61.0	27.3	2.6	148.7	1.41	80.39
61.0-62.0	26.2	2.5	151.2	1.36	81.76
62.0-63.0	25.1	2.4	153.6	1.32	83.08
63.0-64.0	24.0	2.4	156.0	1.27	84.35
64.0-65.0	22.9	2.3	158.2	1.22	85.57
65.0-66.0	21.7	2.2	160.4	1.17	86.74
66.0-67.0	20.6	2.1	162.5	1.12	87.86
67.0-68.0	19.5	2.0	164.4	1.07	88.93
68.0-69.0	18.4	1.9	166.3	1.01	89.95
69.0-70.0	17.3	1.8	168.1	0.96	90.91
70.0-71.0	16.2	1.7	169.8	0.90	91.81
71.0-72.0	15.1	1.6	171.3	0.85	92.66

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	14.0	1.5	172.8	0.79	93.45
73.0-74.0	12.9	1.4	174.2	0.73	94.19
74.0-75.0	11.9	1.3	175.4	0.68	94.87
75.0-76.0	10.8	1.2	176.6	0.62	95.49
76.0-77.0	9.8	1.0	177.6	0.57	96.06
77.0-78.0	8.8	0.9	178.6	0.51	96.57
78.0-79.0	7.9	0.8	179.4	0.46	97.02
79.0-80.0	6.9	0.7	180.1	0.40	97.43
80.0-81.0	6.0	0.6	180.8	0.35	97.78
81.0-82.0	5.1	0.6	181.3	0.30	98.08
82.0-83.0	4.3	0.5	181.8	0.25	98.33
83.0-84.0	3.4	0.4	182.2	0.20	98.53
84.0-85.0	2.7	0.3	182.5	0.16	98.69
85.0-86.0	2.0	0.2	182.7	0.12	98.80
86.0-87.0	1.3	0.1	182.8	0.08	98.88
87.0-88.0	0.7	0.1	182.9	0.04	98.92
88.0-89.0	0.3	0.0	182.9	0.02	98.94
89.0-90.0	0.1	0.0	183.0	0.01	98.95
90.0-91.0	0.1	0.0	183.0	0.01	98.95
91.0-92.0	0.1	0.0	183.0	0.01	98.96
92.0-93.0	0.1	0.0	183.0	0.01	98.97
93.0-94.0	0.1	0.0	183.0	0.01	98.97
94.0-95.0	0.1	0.0	183.0	0.01	98.98
95.0-96.0	0.1	0.0	183.0	0.01	98.99
96.0-97.0	0.1	0.0	183.0	0.01	99.00
97.0-98.0	0.1	0.0	183.1	0.01	99.00
98.0-99.0	0.1	0.0	183.1	0.01	99.01
99.0-100.0	0.2	0.0	183.1	0.01	99.02
100.0-101.0	0.2	0.0	183.1	0.01	99.03
101.0-102.0	0.2	0.0	183.1	0.01	99.04
102.0-103.0	0.2	0.0	183.1	0.01	99.05
103.0-104.0	0.2	0.0	183.2	0.01	99.06
104.0-105.0	0.2	0.0	183.2	0.01	99.07
105.0-106.0	0.2	0.0	183.2	0.01	99.08
106.0-107.0	0.2	0.0	183.2	0.01	99.09
107.0-108.0	0.2	0.0	183.2	0.01	99.10

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.2	0.0	183.3	0.01	99.11
109.0-110.0	0.2	0.0	183.3	0.01	99.13
110.0-111.0	0.2	0.0	183.3	0.01	99.14
111.0-112.0	0.2	0.0	183.3	0.01	99.15
112.0-113.0	0.2	0.0	183.4	0.01	99.17
113.0-114.0	0.2	0.0	183.4	0.01	99.18
114.0-115.0	0.3	0.0	183.4	0.01	99.19
115.0-116.0	0.3	0.0	183.4	0.01	99.21
116.0-117.0	0.3	0.0	183.5	0.01	99.22
117.0-118.0	0.3	0.0	183.5	0.01	99.24
118.0-119.0	0.3	0.0	183.5	0.01	99.25
119.0-120.0	0.3	0.0	183.5	0.01	99.27
120.0-121.0	0.3	0.0	183.6	0.02	99.28
121.0-122.0	0.3	0.0	183.6	0.02	99.30
122.0-123.0	0.3	0.0	183.6	0.02	99.31
123.0-124.0	0.3	0.0	183.7	0.02	99.33
124.0-125.0	0.3	0.0	183.7	0.02	99.35
125.0-126.0	0.3	0.0	183.7	0.02	99.36
126.0-127.0	0.4	0.0	183.8	0.02	99.38
127.0-128.0	0.4	0.0	183.8	0.02	99.40
128.0-129.0	0.4	0.0	183.8	0.02	99.41
129.0-130.0	0.4	0.0	183.8	0.02	99.43
130.0-131.0	0.4	0.0	183.9	0.02	99.45
131.0-132.0	0.4	0.0	183.9	0.02	99.46
132.0-133.0	0.4	0.0	183.9	0.02	99.48
133.0-134.0	0.4	0.0	184.0	0.02	99.50
134.0-135.0	0.4	0.0	184.0	0.02	99.51
135.0-136.0	0.4	0.0	184.0	0.02	99.53
136.0-137.0	0.4	0.0	184.1	0.02	99.55
137.0-138.0	0.4	0.0	184.1	0.02	99.57
138.0-139.0	0.4	0.0	184.1	0.02	99.58
139.0-140.0	0.4	0.0	184.2	0.02	99.60
140.0-141.0	0.4	0.0	184.2	0.02	99.62
141.0-142.0	0.4	0.0	184.2	0.02	99.63
142.0-143.0	0.5	0.0	184.3	0.02	99.65
143.0-144.0	0.5	0.0	184.3	0.02	99.67

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:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.4	0.0	184.3	0.02	99.68
145.0-146.0	0.5	0.0	184.3	0.02	99.70
146.0-147.0	0.5	0.0	184.4	0.02	99.71
147.0-148.0	0.5	0.0	184.4	0.02	99.73
148.0-149.0	0.5	0.0	184.4	0.01	99.74
149.0-150.0	0.5	0.0	184.5	0.01	99.76
150.0-151.0	0.5	0.0	184.5	0.01	99.77
151.0-152.0	0.5	0.0	184.5	0.01	99.79
152.0-153.0	0.5	0.0	184.5	0.01	99.80
153.0-154.0	0.5	0.0	184.6	0.01	99.81
154.0-155.0	0.5	0.0	184.6	0.01	99.83
155.0-156.0	0.5	0.0	184.6	0.01	99.84
156.0-157.0	0.5	0.0	184.6	0.01	99.85
157.0-158.0	0.5	0.0	184.6	0.01	99.86
158.0-159.0	0.5	0.0	184.7	0.01	99.87
159.0-160.0	0.5	0.0	184.7	0.01	99.88
160.0-161.0	0.5	0.0	184.7	0.01	99.90
161.0-162.0	0.6	0.0	184.7	0.01	99.91
162.0-163.0	0.6	0.0	184.7	0.01	99.92
163.0-164.0	0.6	0.0	184.8	0.01	99.93
164.0-165.0	0.6	0.0	184.8	0.01	99.93
165.0-166.0	0.6	0.0	184.8	0.01	99.94
166.0-167.0	0.6	0.0	184.8	0.01	99.95
167.0-168.0	0.6	0.0	184.8	0.01	99.96
168.0-169.0	0.6	0.0	184.8	0.01	99.96
169.0-170.0	0.6	0.0	184.8	0.01	99.97
170.0-171.0	0.6	0.0	184.9	0.01	99.98
171.0-172.0	0.6	0.0	184.9	0.00	99.98
172.0-173.0	0.6	0.0	184.9	0.00	99.99
173.0-174.0	0.6	0.0	184.9	0.00	99.99
174.0-175.0	0.6	0.0	184.9	0.00	99.99
175.0-176.0	0.6	0.0	184.9	0.00	100.00
176.0-177.0	0.6	0.0	184.9	0.00	100.00
177.0-178.0	0.6	0.0	184.9	0.00	100.00
178.0-179.0	0.6	0.0	184.9	0.00	100.00
179.0-180.0	0.6	0.0	184.9	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: