GENLED Brands
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Report No.: **Test Time: 2023/10/30 11:49**

Luminaire Property

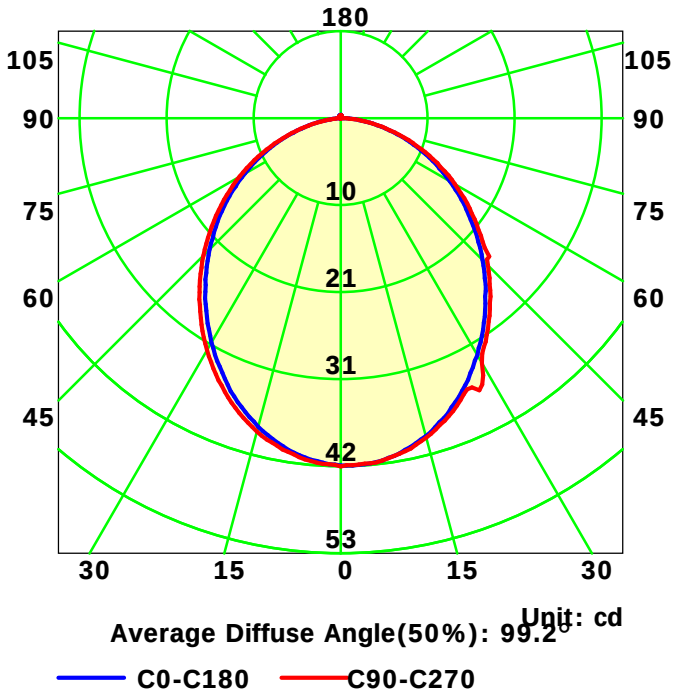
Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C50S VW SO 28W
Lamp Catalog: Warm only **Luminous Length (mm): 300**
Luminous Width (mm): 50 **Luminous Height (mm): 30**
Voltage: 24.0 V **Current: 0.211 A**
Power: 5.07 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 105.5 lm**
Measurement Flux: 105.5 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H156.2,H97.6
Vertical Diffuse Angle(10%,50%): V156.2,V100.7
Luminaire Efficacy Rating (LER): 21 **Central Intensity: 42.33 cd**
Max. Intensity: 42.44 cd **Pos of Max. Intensity: H90 V0**

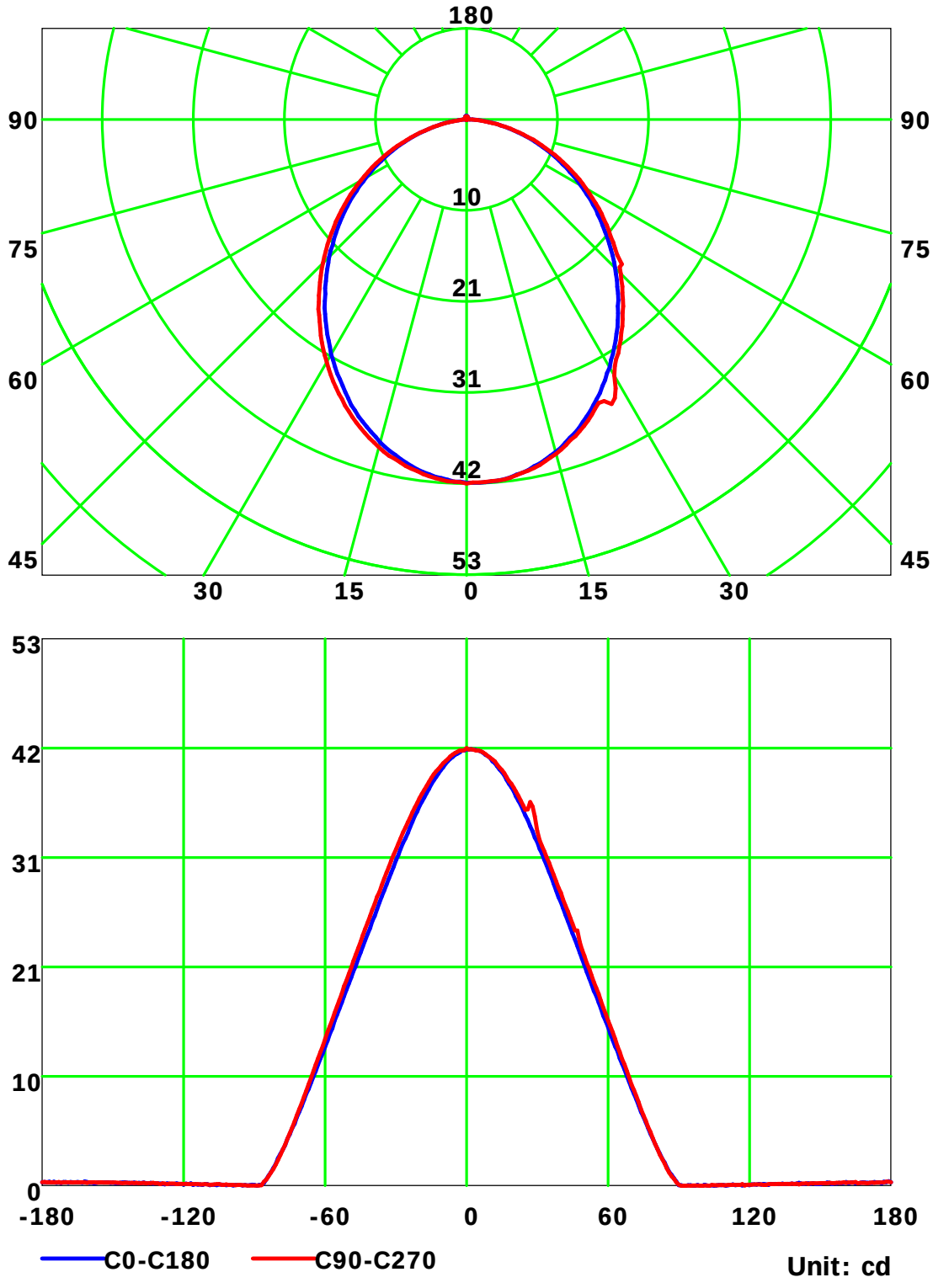
Picture Of Luminaire

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:**

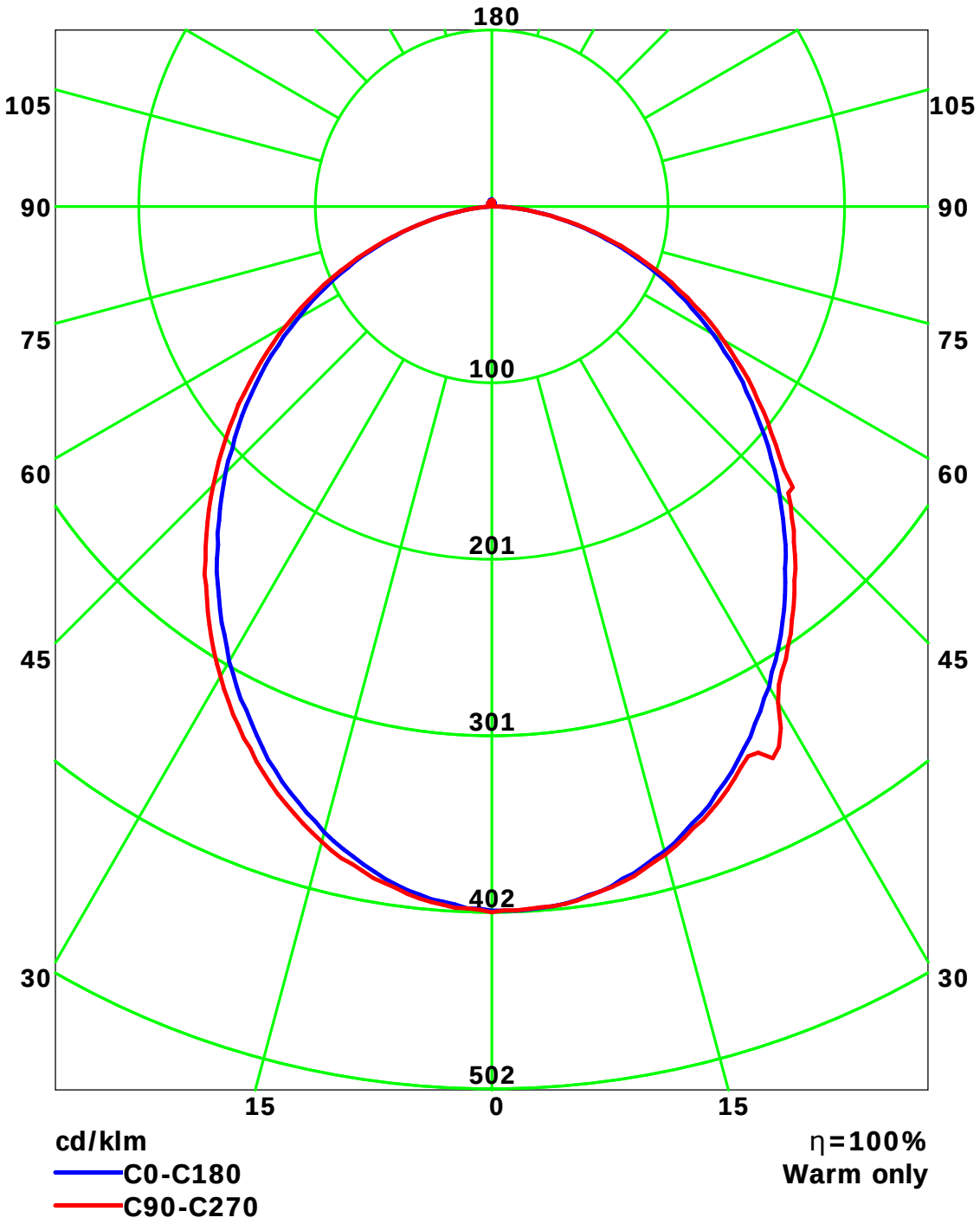
Luminous Intensity Distribution Curve



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

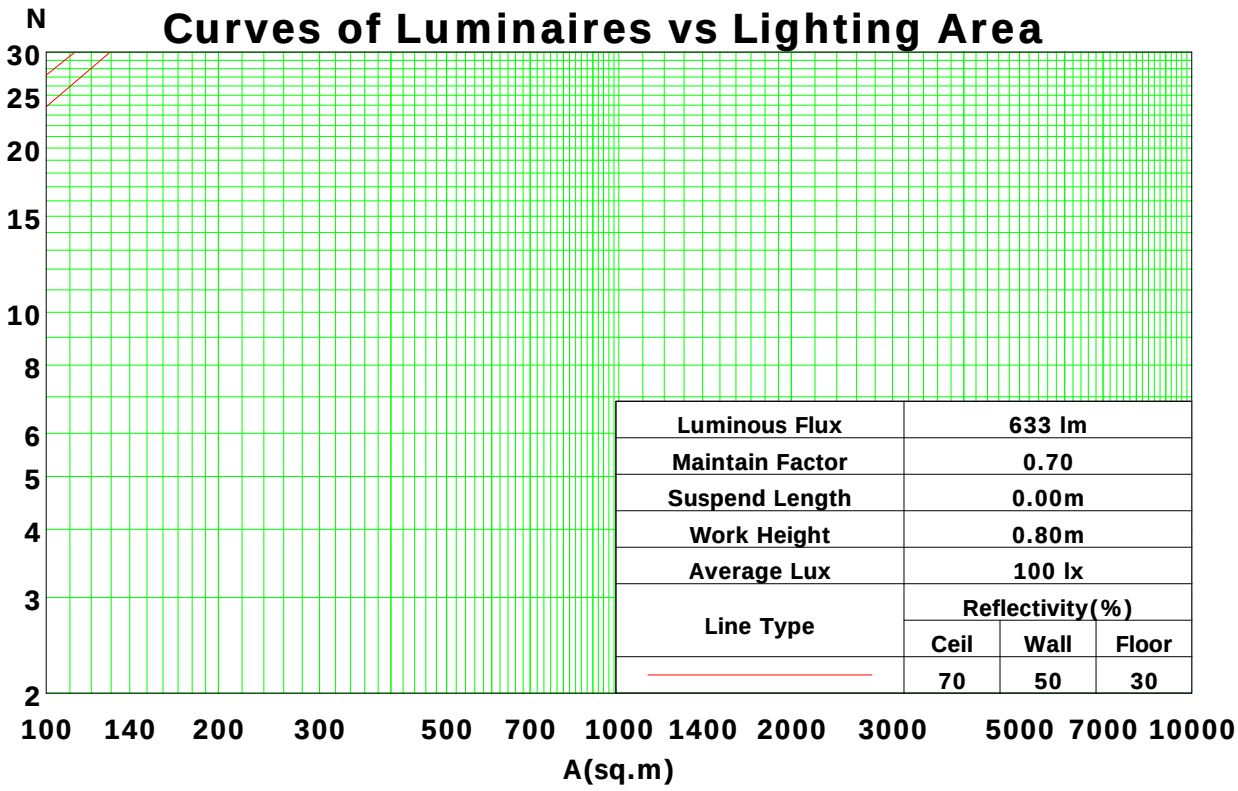
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	111	111	111	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	92	85	79	97	90	84	78	86	81	76	82	78	75	79	76	73	71
3	91	81	73	67	88	79	72	66	76	70	65	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	55	63	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	36	31	41	35	30	40	35	30	28
10	54	41	33	28	53	41	33	28	39	33	28	39	32	28	38	32	28	26

Spacing Criteria (0-180): 1.15
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.28

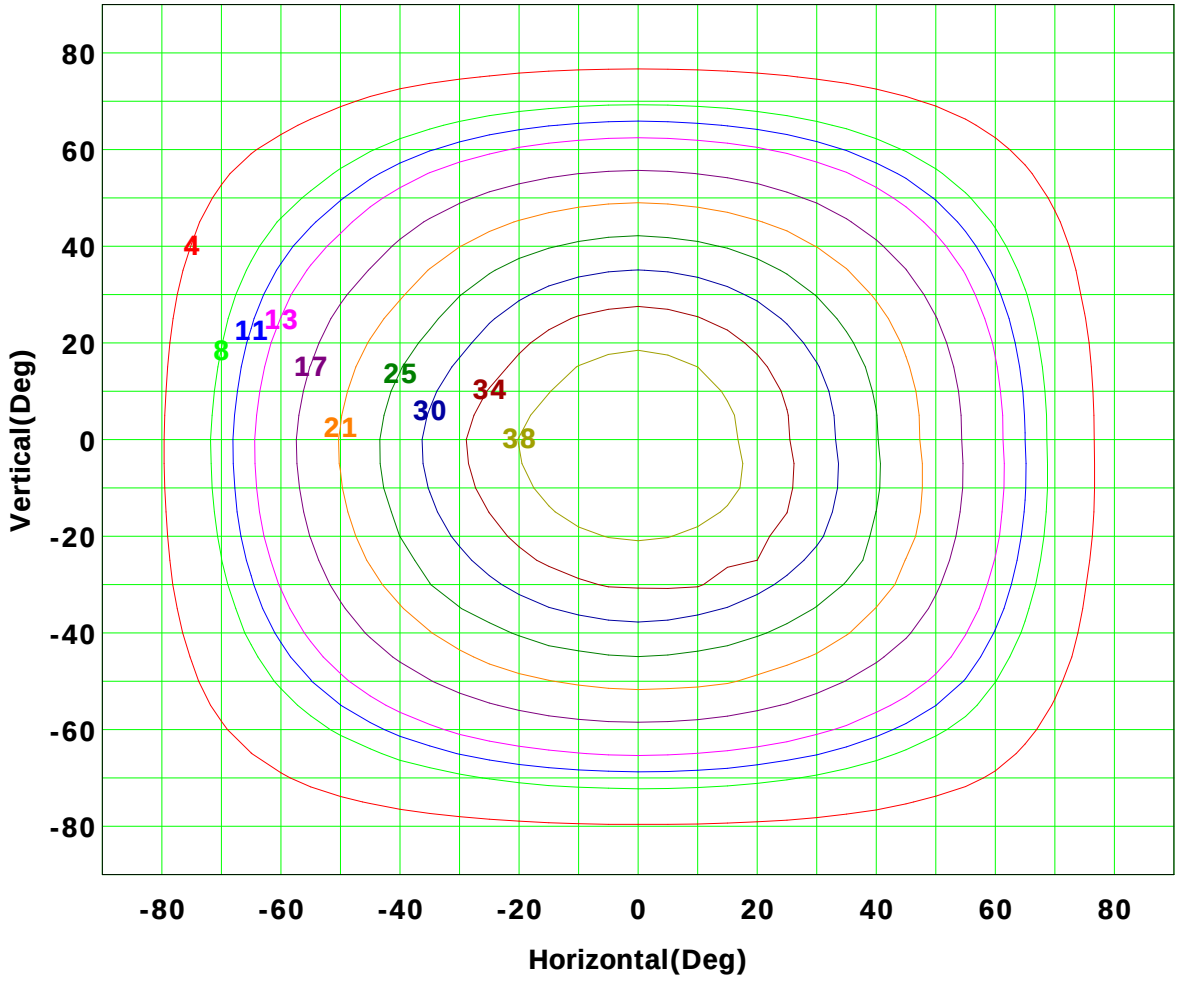
Curves of Luminaires vs Lighting Area



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)



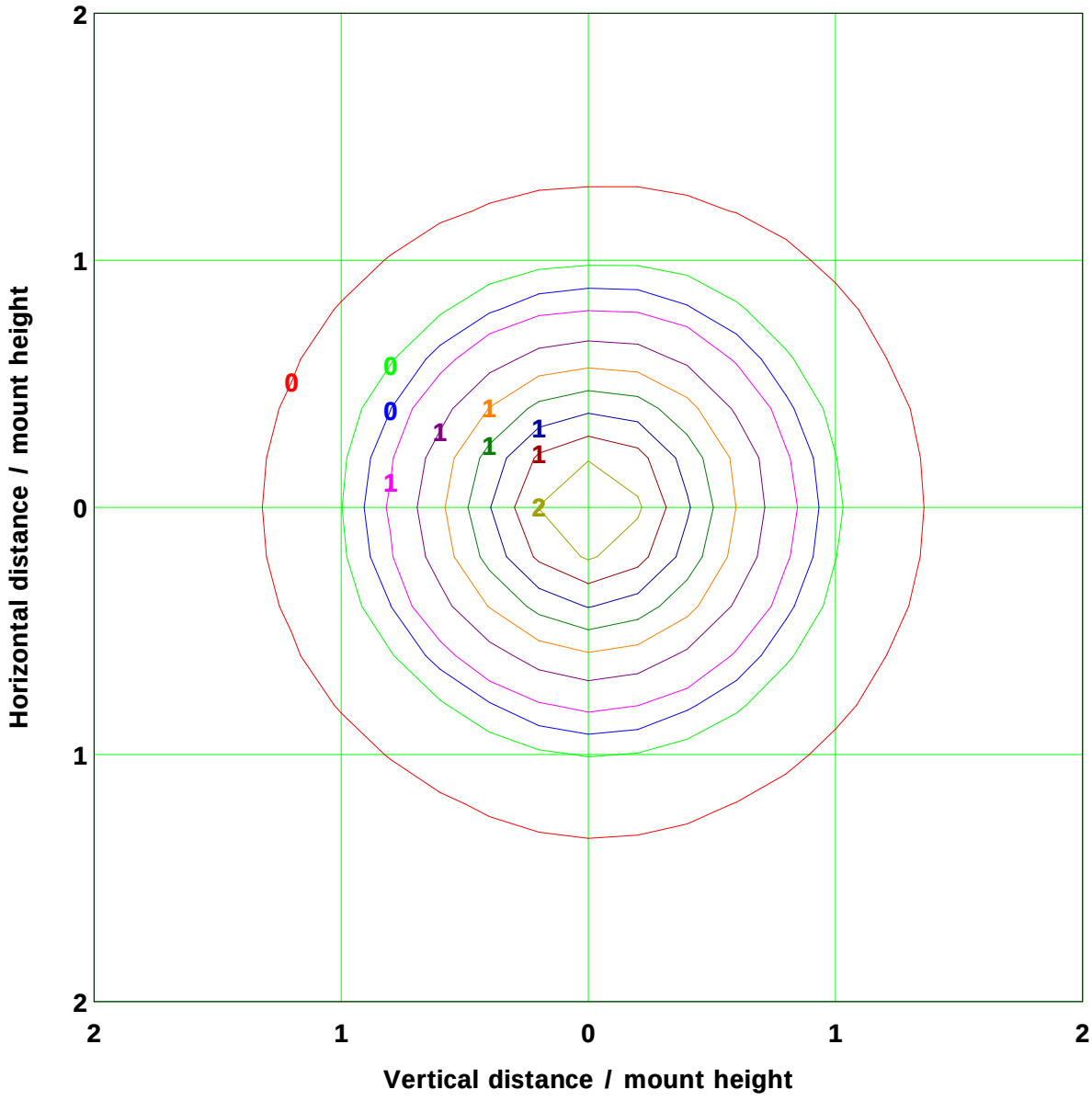
Imax (100%): 42 cd

(10%):	4 cd	(20%):	8 cd
(25%):	11 cd	(30%):	13 cd
(40%):	17 cd	(50%):	21 cd
(60%):	25 cd	(70%):	30 cd
(80%):	34 cd	(90%):	38 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%): 1.7 lx

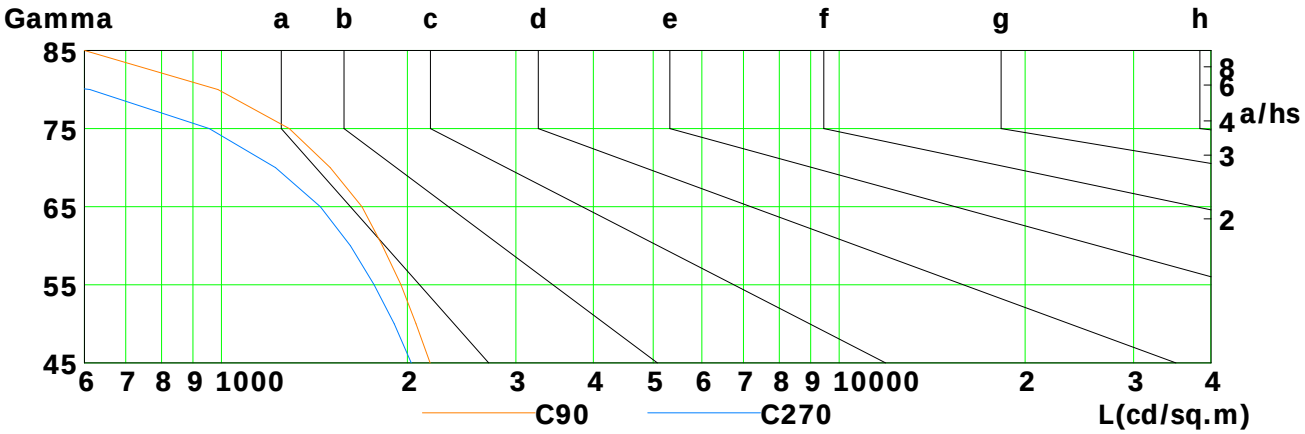
(10%): 0.2 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.5 lx
(40%): 0.7 lx	(50%): 0.8 lx
(60%): 1.0 lx	(70%): 1.2 lx
(80%): 1.4 lx	(90%): 1.5 lx

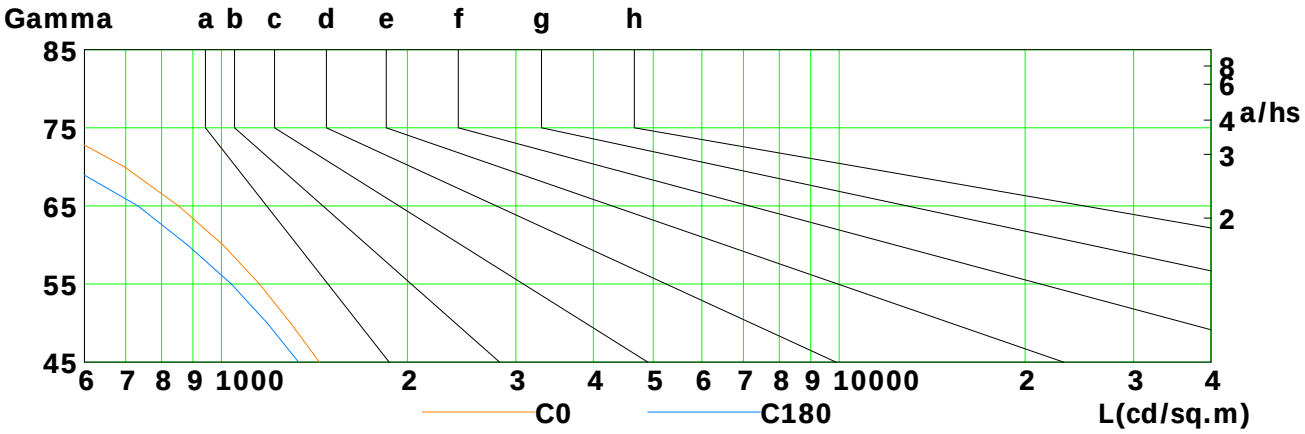
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



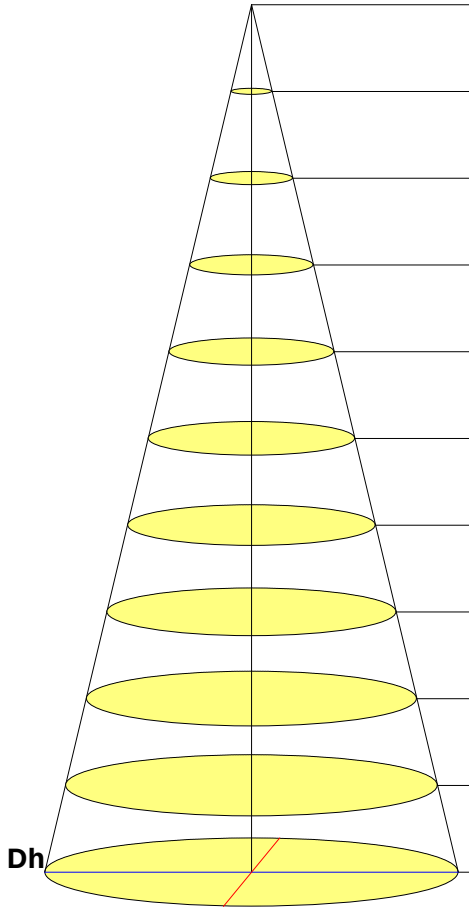


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1441	1294	1154	1006	853	697	534	351	173
C90	2179	2067	1953	1823	1689	1502	1289	987	600
C180	1334	1186	1038	882	733	568	398	233	62
C270	2030	1905	1768	1617	1447	1223	957	612	218

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



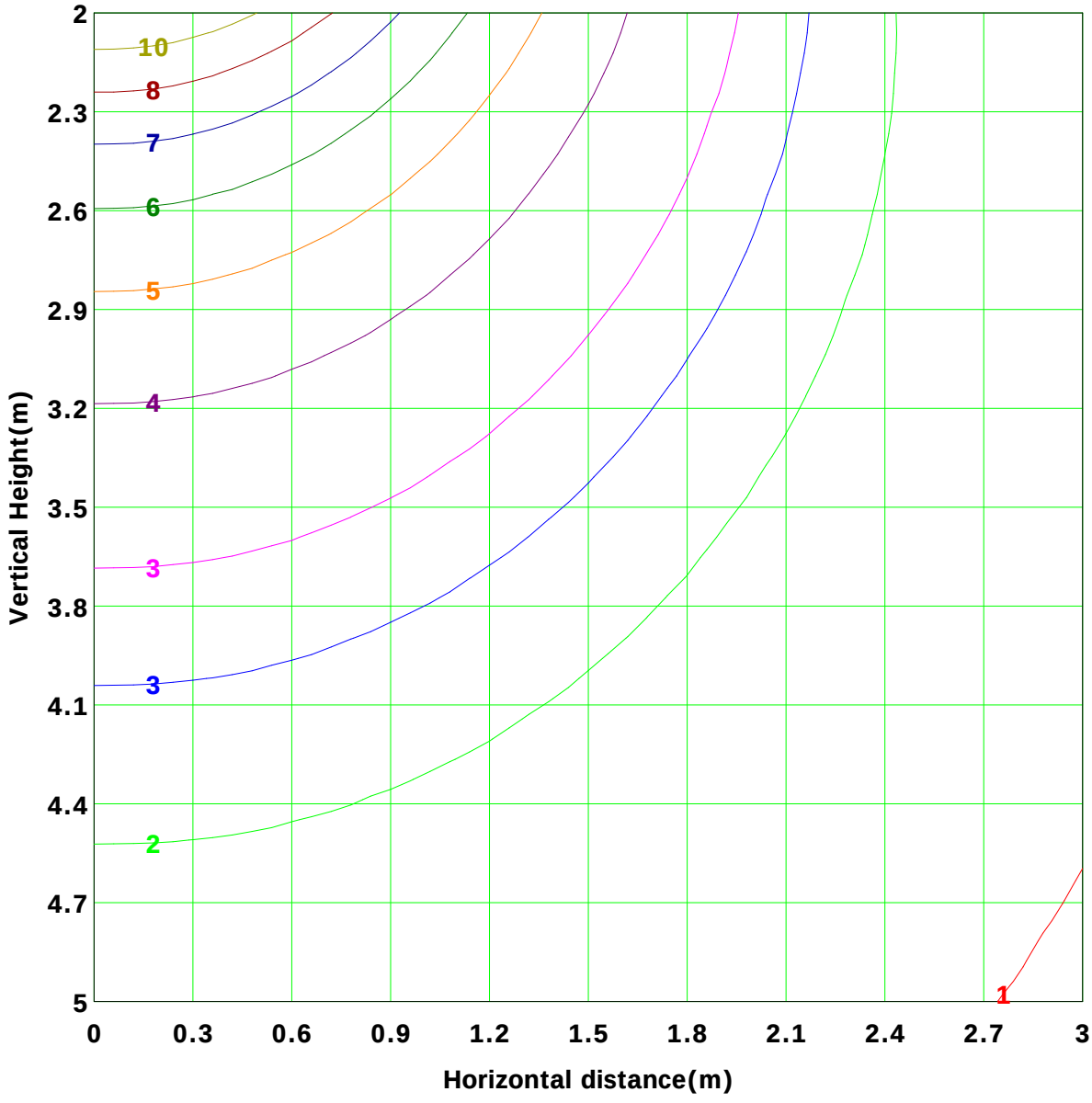
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	42.33	2.29/2.41	4.4	8.99
2.0	10.58	4.57/4.82	17.6	2.25
3.0	4.70	6.86/7.23	39.6	1.00
4.0	2.65	9.15/9.65	70.4	0.56
5.0	1.69	11.43/12.06	109.9	0.36
6.0	1.18	13.72/14.47	158.3	0.25
7.0	0.86	16.01/16.88	215.5	0.18
8.0	0.66	18.29/19.29	281.4	0.14
9.0	0.52	20.58/21.70	356.2	0.11
10.0	0.42	22.86/24.11	439.7	0.09

Beam Angle(B): H97.6 V100.7 Field Angle(F): H156.2 V156.2

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: 10.6 lx

(10%): 1.1 lx	(20%): 2.1 lx
(25%): 2.6 lx	(30%): 3.2 lx
(40%): 4.2 lx	(50%): 5.3 lx
(60%): 6.3 lx	(70%): 7.4 lx
(80%): 8.5 lx	(90%): 9.5 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:

Area Flux Table

Unit: lm

Vertical plane	Flux(E)	Flux(T)
-90	0.0	0.0
-80	0.0	0.0
-70	0.0	0.0
-60	0.0	0.0
-50	0.0	0.0
-40	0.0	0.0
-30	0.0	0.0
-20	0.0	0.0
-10	0.0	0.0
0	0.0	0.0
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	0.0	0.0
60	0.0	0.0
70	0.0	0.0
80	0.0	0.0
90	0.0	0.0
-90	0.2	0.4
-80	1.3	1.5
-70	3.0	3.1
-60	5.1	5.2
-50	7.4	7.5
-40	9.7	9.8
-30	11.5	11.6
-20	12.5	12.6
-10	12.5	12.6
0	11.5	11.6
10	9.7	9.8
20	7.5	7.6
30	5.2	5.3
40	3.1	3.3
50	1.5	1.6
60	0.4	0.6
70	0.0	0.1
80		104
90	102	

Horizontal plane

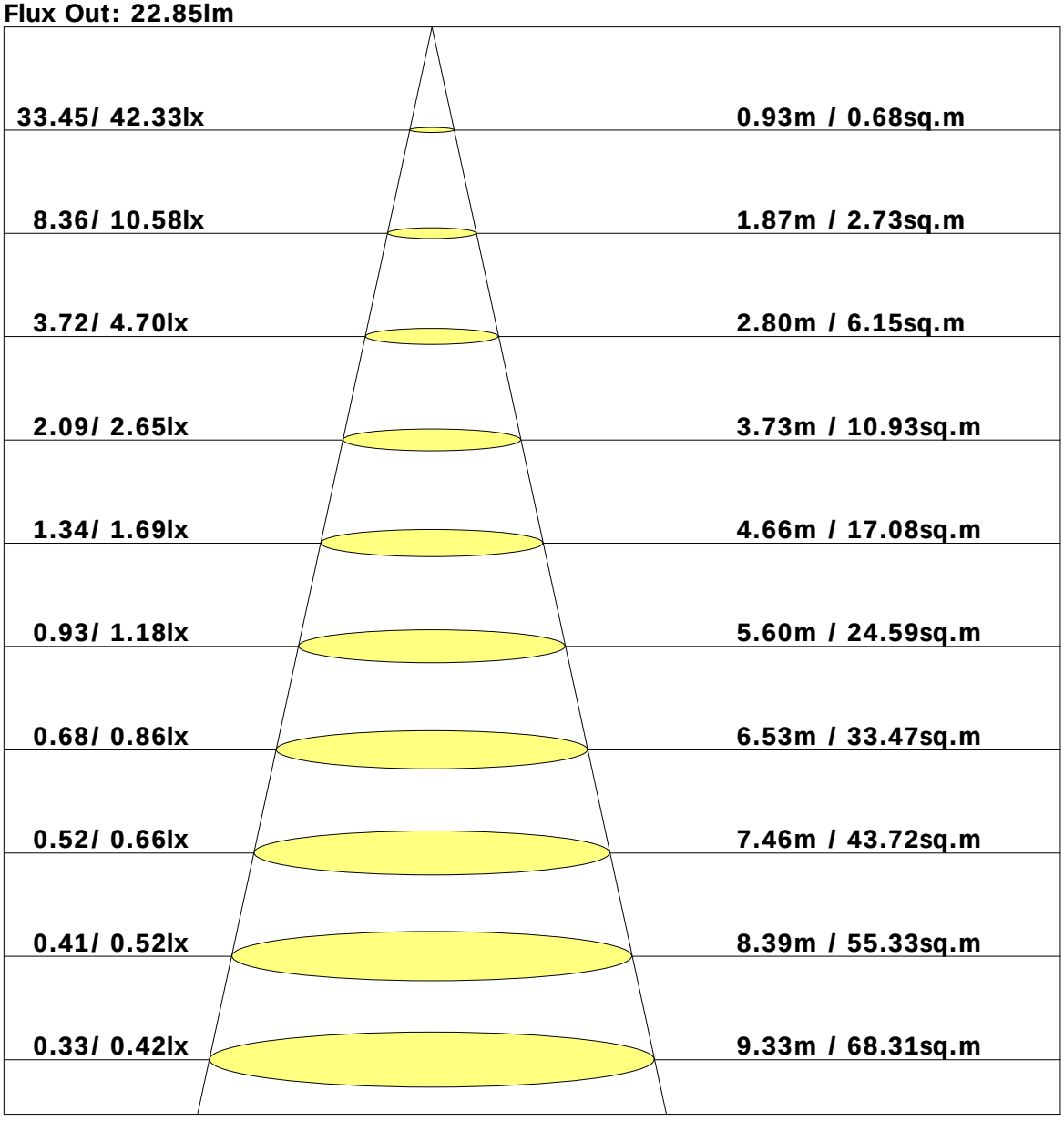
Horizontal plane	Flux(E)	Flux(T)
-90	0.0	0.0
-80	0.0	0.0
-70	0.0	0.0
-60	0.0	0.0
-50	0.0	0.0
-40	0.0	0.0
-30	0.0	0.0
-20	0.0	0.0
-10	0.0	0.0
0	0.0	0.0
10	0.0	0.0
20	0.0	0.0
30	0.0	0.0
40	0.0	0.0
50	0.0	0.0
60	0.0	0.0
70	0.0	0.0
80	0.0	0.0
90	0.2	0.5
-90	0.7	1.8
-80	2.6	3.3
-70	4.3	4.9
-60	5.9	6.5
-50	7.3	7.9
-40	8.6	9.1
-30	9.6	9.9
-20	10.1	10.3
-10	10.2	10.3
0	9.9	9.9
10	9.1	9.1
20	7.9	7.9
30	6.4	4.9
40	4.9	3.2
50	3.2	1.5
60	1.5	0.0
70	0.0	
80		
90		

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

Flux Out: 22.85lm



Height | Avg./Nadir. E | Beam Angle:50.0° | Diameter / Area

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	21.0	22.6	21.4	22.9	23.2	20.4	22.0	20.8	22.3	22.6
3H	22.7	24.1	23.0	24.4	24.8	21.8	23.2	22.2	23.6	24.0
4H	23.2	24.6	23.7	24.9	25.3	22.3	23.6	22.7	24.0	24.4
6H	23.7	24.9	24.1	25.3	25.7	22.5	23.7	22.9	24.1	24.5
8H	23.8	25.0	24.2	25.4	25.8	22.6	23.7	23.0	24.1	24.6
12H	23.8	25.0	24.3	25.4	25.8	22.6	23.7	23.0	24.1	24.6
X=4H Y=2H	21.4	22.7	21.8	23.1	23.5	21.0	22.3	21.4	22.7	23.1
3H	23.2	24.3	23.6	24.7	25.1	22.6	23.7	23.0	24.1	24.5
4H	23.8	24.8	24.3	25.3	25.7	23.1	24.1	23.6	24.5	25.0
6H	24.3	25.2	24.8	25.7	26.2	23.5	24.3	23.9	24.8	25.3
8H	24.5	25.3	25.0	25.8	26.3	23.5	24.3	24.0	24.8	25.3
12H	24.6	25.3	25.1	25.8	26.3	23.6	24.3	24.1	24.8	25.3
X=8H Y=4H	24.0	24.8	24.4	25.2	25.7	23.3	24.2	23.8	24.6	25.1
6H	24.5	25.2	25.0	25.7	26.2	23.7	24.4	24.3	24.9	25.4
8H	24.7	25.3	25.2	25.8	26.3	23.9	24.5	24.4	25.0	25.5
12H	24.8	25.4	25.3	25.9	26.4	23.9	24.5	24.5	25.0	25.6
X=12H Y=4H	23.9	24.7	24.4	25.2	25.7	23.4	24.1	23.9	24.6	25.1
6H	24.5	25.1	25.0	25.6	26.2	23.8	24.4	24.3	24.9	25.4
8H	24.7	25.2	25.2	25.7	26.3	23.9	24.5	24.5	25.0	25.6

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 = 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	0.59	0.69	0.76	0.81	0.88	0.93	0.97	1.01	1.04
	0.30		0.51	0.62	0.69	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.46	0.56	0.64	0.69	0.78	0.83	0.88	0.94	0.97
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.85	0.90	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.73	0.80	0.85	0.89	0.94	0.97
	0.20		0.45	0.55	0.63	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.56	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.50	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.52	0.59	0.64	0.71	0.76	0.79	0.83	0.86

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	0.96	0.79	0.67	0.58	0.46	0.38	0.33	0.25	0.21
	0.30		0.80	0.68	0.58	0.52	0.42	0.35	0.30	0.24	0.20
	0.20		0.69	0.59	0.52	0.46	0.38	0.33	0.28	0.22	0.19
0.50	0.50	0.20	0.92	0.76	0.64	0.56	0.44	0.40	0.31	0.24	0.20
	0.30		0.78	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19
	0.20		0.68	0.58	0.51	0.45	0.37	0.31	0.27	0.22	0.18
0.30	0.50	0.20	0.90	0.73	0.61	0.53	0.42	0.35	0.30	0.23	0.19
	0.30		0.76	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.56	0.47	0.40	0.35	0.28	0.24	0.20	0.16	0.13

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	0.18	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	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	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	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	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	42.3	0.0	0.0	0.04	0.04
1.0-2.0	42.3	0.1	0.2	0.12	0.15
2.0-3.0	42.3	0.2	0.4	0.19	0.35
3.0-4.0	42.2	0.3	0.6	0.27	0.61
4.0-5.0	42.1	0.4	1.0	0.34	0.96
5.0-6.0	42.0	0.4	1.4	0.42	1.37
6.0-7.0	41.8	0.5	2.0	0.49	1.87
7.0-8.0	41.7	0.6	2.6	0.57	2.43
8.0-9.0	41.5	0.7	3.2	0.64	3.07
9.0-10.0	41.3	0.7	4.0	0.71	3.78
10.0-11.0	41.0	0.8	4.8	0.78	4.55
11.0-12.0	40.8	0.9	5.7	0.85	5.40
12.0-13.0	40.5	1.0	6.7	0.91	6.31
13.0-14.0	40.2	1.0	7.7	0.98	7.29
14.0-15.0	39.9	1.1	8.8	1.04	8.33
15.0-16.0	39.6	1.2	9.9	1.10	9.42
16.0-17.0	39.2	1.2	11.2	1.16	10.58
17.0-18.0	38.8	1.3	12.4	1.21	11.79
18.0-19.0	38.4	1.3	13.8	1.27	13.06
19.0-20.0	38.0	1.4	15.2	1.32	14.38
20.0-21.0	37.6	1.4	16.6	1.37	15.75
21.0-22.0	37.1	1.5	18.1	1.41	17.16
22.0-23.0	36.7	1.5	19.6	1.46	18.62
23.0-24.0	36.2	1.6	21.2	1.50	20.12
24.0-25.0	35.7	1.6	22.9	1.54	21.66
25.0-26.0	35.2	1.7	24.5	1.58	23.24
26.0-27.0	34.8	1.7	26.2	1.62	24.86
27.0-28.0	34.4	1.7	28.0	1.65	26.51
28.0-29.0	33.8	1.8	29.7	1.68	28.19
29.0-30.0	33.4	1.8	31.5	1.71	29.89
30.0-31.0	32.9	1.8	33.4	1.73	31.63
31.0-32.0	32.2	1.8	35.2	1.75	33.38
32.0-33.0	31.6	1.9	37.1	1.76	35.14
33.0-34.0	30.9	1.9	38.9	1.78	36.92
34.0-35.0	30.3	1.9	40.8	1.79	38.70
35.0-36.0	29.8	1.9	42.7	1.80	40.50

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	29.2	1.9	44.6	1.80	42.30
37.0-38.0	28.6	1.9	46.5	1.81	44.11
38.0-39.0	28.0	1.9	48.4	1.81	45.92
39.0-40.0	27.4	1.9	50.4	1.81	47.73
40.0-41.0	26.8	1.9	52.3	1.81	49.54
41.0-42.0	26.2	1.9	54.2	1.80	51.35
42.0-43.0	25.6	1.9	56.1	1.80	53.14
43.0-44.0	25.0	1.9	57.9	1.79	54.93
44.0-45.0	24.4	1.9	59.8	1.78	56.71
45.0-46.0	23.9	1.9	61.7	1.77	58.48
46.0-47.0	23.3	1.9	63.5	1.75	60.23
47.0-48.0	22.6	1.8	65.4	1.73	61.97
48.0-49.0	22.0	1.8	67.2	1.71	63.68
49.0-50.0	21.3	1.8	68.9	1.69	65.36
50.0-51.0	20.7	1.8	70.7	1.66	67.02
51.0-52.0	20.1	1.7	72.4	1.64	68.66
52.0-53.0	19.5	1.7	74.1	1.61	70.26
53.0-54.0	18.8	1.7	75.8	1.57	71.84
54.0-55.0	18.2	1.6	77.4	1.54	73.38
55.0-56.0	17.6	1.6	79.0	1.51	74.89
56.0-57.0	17.0	1.6	80.6	1.47	76.36
57.0-58.0	16.4	1.5	82.1	1.44	77.80
58.0-59.0	15.8	1.5	83.5	1.40	79.19
59.0-60.0	15.1	1.4	85.0	1.36	80.55
60.0-61.0	14.5	1.4	86.4	1.31	81.86
61.0-62.0	13.9	1.3	87.7	1.27	83.14
62.0-63.0	13.3	1.3	89.0	1.23	84.37
63.0-64.0	12.7	1.2	90.2	1.18	85.55
64.0-65.0	12.1	1.2	91.4	1.14	86.68
65.0-66.0	11.5	1.1	92.6	1.09	87.77
66.0-67.0	10.9	1.1	93.7	1.04	88.81
67.0-68.0	10.3	1.0	94.7	0.99	89.80
68.0-69.0	9.7	1.0	95.7	0.94	90.74
69.0-70.0	9.1	0.9	96.7	0.89	91.62
70.0-71.0	8.5	0.9	97.5	0.83	92.46
71.0-72.0	7.9	0.8	98.4	0.78	93.24

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	7.4	0.8	99.1	0.73	93.97
73.0-74.0	6.8	0.7	99.8	0.68	94.65
74.0-75.0	6.2	0.7	100.5	0.62	95.27
75.0-76.0	5.7	0.6	101.1	0.57	95.84
76.0-77.0	5.1	0.5	101.6	0.52	96.36
77.0-78.0	4.6	0.5	102.1	0.47	96.83
78.0-79.0	4.1	0.4	102.6	0.42	97.24
79.0-80.0	3.6	0.4	103.0	0.37	97.61
80.0-81.0	3.1	0.3	103.3	0.32	97.93
81.0-82.0	2.6	0.3	103.6	0.27	98.20
82.0-83.0	2.2	0.2	103.8	0.23	98.42
83.0-84.0	1.8	0.2	104.0	0.18	98.60
84.0-85.0	1.4	0.2	104.2	0.14	98.75
85.0-86.0	1.0	0.1	104.3	0.11	98.85
86.0-87.0	0.7	0.1	104.4	0.07	98.93
87.0-88.0	0.5	0.0	104.4	0.05	98.97
88.0-89.0	0.3	0.0	104.4	0.03	99.00
89.0-90.0	0.1	0.0	104.4	0.02	99.02
90.0-91.0	0.1	0.0	104.5	0.01	99.02
91.0-92.0	0.0	0.0	104.5	0.00	99.03
92.0-93.0	0.0	0.0	104.5	0.00	99.03
93.0-94.0	0.0	0.0	104.5	0.00	99.04
94.0-95.0	0.1	0.0	104.5	0.01	99.04
95.0-96.0	0.0	0.0	104.5	0.01	99.05
96.0-97.0	0.0	0.0	104.5	0.01	99.05
97.0-98.0	0.1	0.0	104.5	0.01	99.06
98.0-99.0	0.1	0.0	104.5	0.01	99.06
99.0-100.0	0.1	0.0	104.5	0.01	99.07
100.0-101.0	0.1	0.0	104.5	0.01	99.08
101.0-102.0	0.1	0.0	104.5	0.01	99.08
102.0-103.0	0.1	0.0	104.5	0.01	99.09
103.0-104.0	0.1	0.0	104.5	0.01	99.10
104.0-105.0	0.1	0.0	104.5	0.01	99.11
105.0-106.0	0.1	0.0	104.6	0.01	99.11
106.0-107.0	0.1	0.0	104.6	0.01	99.12
107.0-108.0	0.1	0.0	104.6	0.01	99.13

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	0.1	0.0	104.6	0.01	99.14
109.0-110.0	0.1	0.0	104.6	0.01	99.16
110.0-111.0	0.1	0.0	104.6	0.01	99.17
111.0-112.0	0.1	0.0	104.6	0.01	99.18
112.0-113.0	0.1	0.0	104.6	0.01	99.19
113.0-114.0	0.1	0.0	104.6	0.01	99.20
114.0-115.0	0.1	0.0	104.7	0.01	99.21
115.0-116.0	0.1	0.0	104.7	0.01	99.23
116.0-117.0	0.1	0.0	104.7	0.01	99.24
117.0-118.0	0.1	0.0	104.7	0.01	99.25
118.0-119.0	0.1	0.0	104.7	0.01	99.26
119.0-120.0	0.1	0.0	104.7	0.01	99.28
120.0-121.0	0.2	0.0	104.7	0.01	99.29
121.0-122.0	0.2	0.0	104.8	0.01	99.30
122.0-123.0	0.2	0.0	104.8	0.02	99.32
123.0-124.0	0.2	0.0	104.8	0.02	99.34
124.0-125.0	0.2	0.0	104.8	0.02	99.35
125.0-126.0	0.2	0.0	104.8	0.02	99.37
126.0-127.0	0.2	0.0	104.8	0.01	99.38
127.0-128.0	0.2	0.0	104.8	0.01	99.40
128.0-129.0	0.2	0.0	104.9	0.01	99.41
129.0-130.0	0.2	0.0	104.9	0.02	99.43
130.0-131.0	0.2	0.0	104.9	0.02	99.44
131.0-132.0	0.2	0.0	104.9	0.02	99.46
132.0-133.0	0.2	0.0	104.9	0.02	99.47
133.0-134.0	0.2	0.0	104.9	0.02	99.49
134.0-135.0	0.2	0.0	105.0	0.02	99.51
135.0-136.0	0.2	0.0	105.0	0.02	99.52
136.0-137.0	0.2	0.0	105.0	0.02	99.54
137.0-138.0	0.2	0.0	105.0	0.02	99.56
138.0-139.0	0.2	0.0	105.0	0.02	99.57
139.0-140.0	0.2	0.0	105.1	0.02	99.59
140.0-141.0	0.3	0.0	105.1	0.02	99.61
141.0-142.0	0.3	0.0	105.1	0.02	99.62
142.0-143.0	0.3	0.0	105.1	0.02	99.64
143.0-144.0	0.3	0.0	105.1	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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.3	0.0	105.1	0.02	99.67
145.0-146.0	0.3	0.0	105.2	0.02	99.69
146.0-147.0	0.3	0.0	105.2	0.02	99.70
147.0-148.0	0.3	0.0	105.2	0.02	99.72
148.0-149.0	0.3	0.0	105.2	0.01	99.73
149.0-150.0	0.3	0.0	105.2	0.01	99.75
150.0-151.0	0.3	0.0	105.2	0.01	99.76
151.0-152.0	0.3	0.0	105.3	0.01	99.78
152.0-153.0	0.3	0.0	105.3	0.01	99.79
153.0-154.0	0.3	0.0	105.3	0.01	99.81
154.0-155.0	0.3	0.0	105.3	0.01	99.82
155.0-156.0	0.3	0.0	105.3	0.01	99.83
156.0-157.0	0.3	0.0	105.3	0.01	99.85
157.0-158.0	0.3	0.0	105.3	0.01	99.86
158.0-159.0	0.3	0.0	105.3	0.01	99.87
159.0-160.0	0.3	0.0	105.4	0.01	99.88
160.0-161.0	0.3	0.0	105.4	0.01	99.89
161.0-162.0	0.3	0.0	105.4	0.01	99.90
162.0-163.0	0.3	0.0	105.4	0.01	99.91
163.0-164.0	0.3	0.0	105.4	0.01	99.92
164.0-165.0	0.3	0.0	105.4	0.01	99.93
165.0-166.0	0.3	0.0	105.4	0.01	99.94
166.0-167.0	0.3	0.0	105.4	0.01	99.95
167.0-168.0	0.3	0.0	105.4	0.01	99.96
168.0-169.0	0.3	0.0	105.4	0.01	99.96
169.0-170.0	0.3	0.0	105.5	0.01	99.97
170.0-171.0	0.3	0.0	105.5	0.01	99.98
171.0-172.0	0.3	0.0	105.5	0.01	99.98
172.0-173.0	0.3	0.0	105.5	0.00	99.98
173.0-174.0	0.3	0.0	105.5	0.00	99.99
174.0-175.0	0.3	0.0	105.5	0.00	99.99
175.0-176.0	0.3	0.0	105.5	0.00	99.99
176.0-177.0	0.3	0.0	105.5	0.00	100.00
177.0-178.0	0.4	0.0	105.5	0.00	100.00
178.0-179.0	0.4	0.0	105.5	0.00	100.00
179.0-180.0	0.4	0.0	105.5	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: