ACOLYTE
https://www.genledbrands.com/
Tel:+1 212 629 68304(USA)
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Report No.: **Test Time: 2021/2/25 14:43**

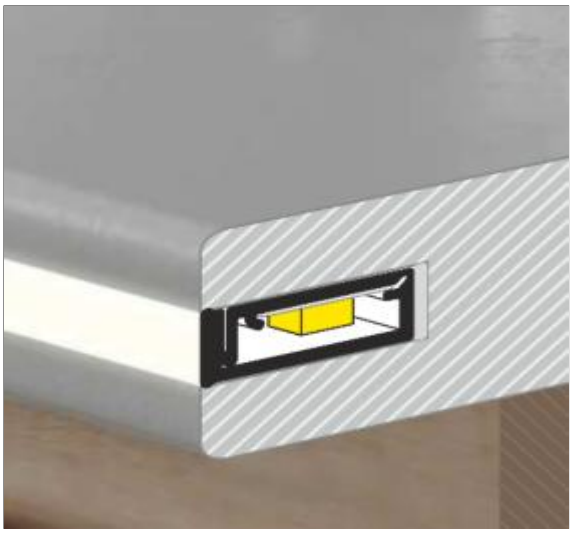
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: CHANNEL
Luminaire Description: AR5
Lamp Catalog: RIBBONLYTE
Lamp Description: RB90SWS2203.030
Number of Lamps: 1 ROWS
Luminous Length (mm): 500
Luminous Width (mm): 14
Luminous Height (mm): 5
Voltage: 24.0 V
Current: 0.221 A
Power: 5.30 W
Power Factor: 1.000

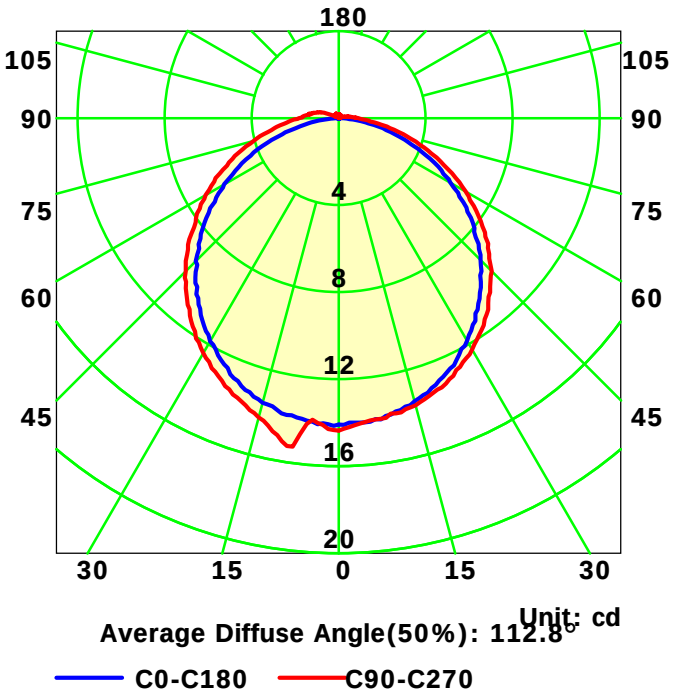
Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 45.5 lm
Measurement Flux: 45.5 lm
Efficiency: 100%
Downward Ratio: 97%
Upward Ratio: 3%
Horizontal Diffuse Angle(10%,50%): H160,H110.9
Vertical Diffuse Angle(10%,50%): V179,V114.8
Luminaire Efficacy Rating (LER): 9
Central Intensity: 14.5 cd
Max. Intensity: 15.85 cd
Pos of Max. Intensity: H300 V10

Picture Of Luminaire

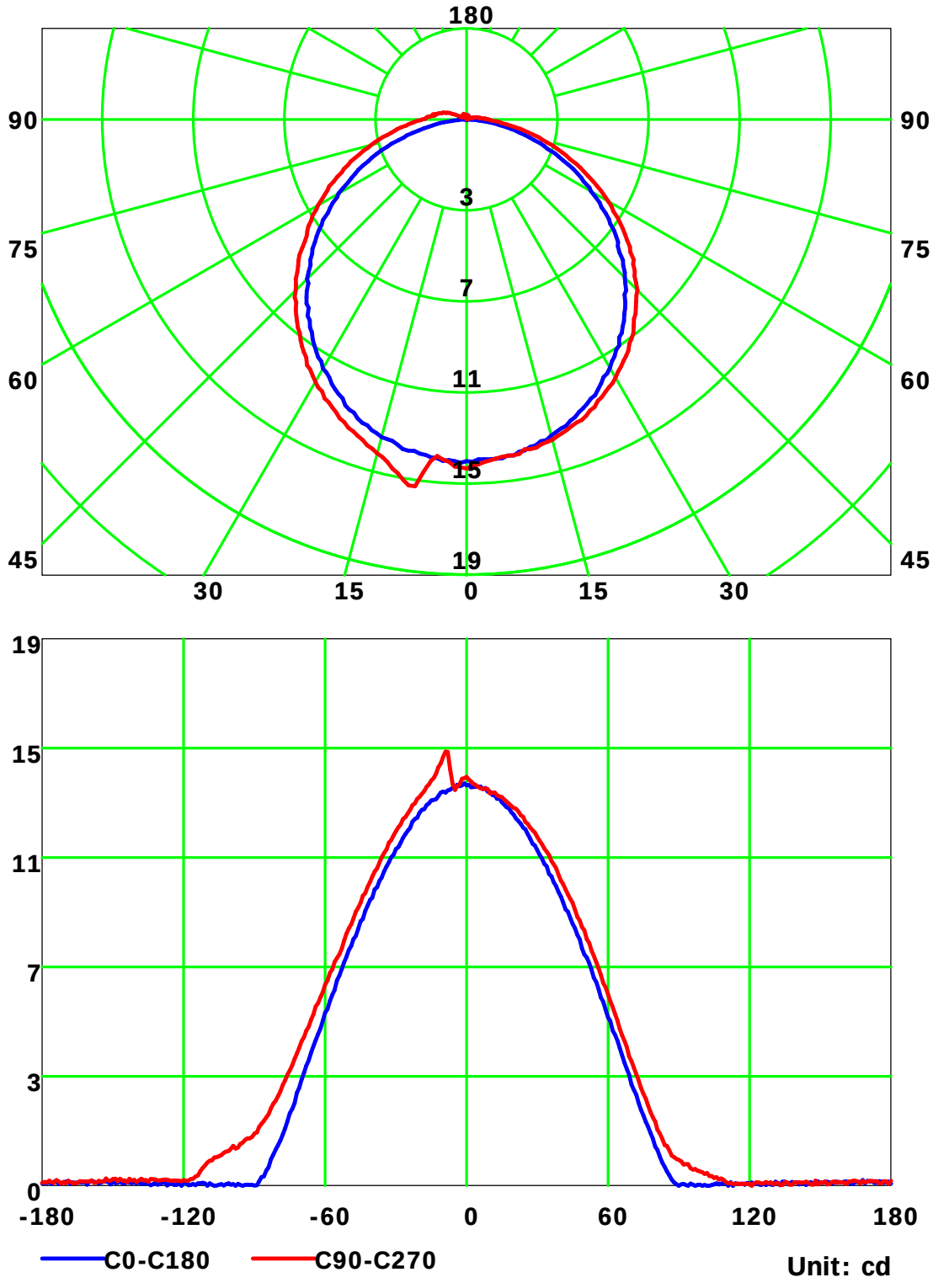


Luminous Intensity Distribution Curve



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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Test Device: GPM-1800B
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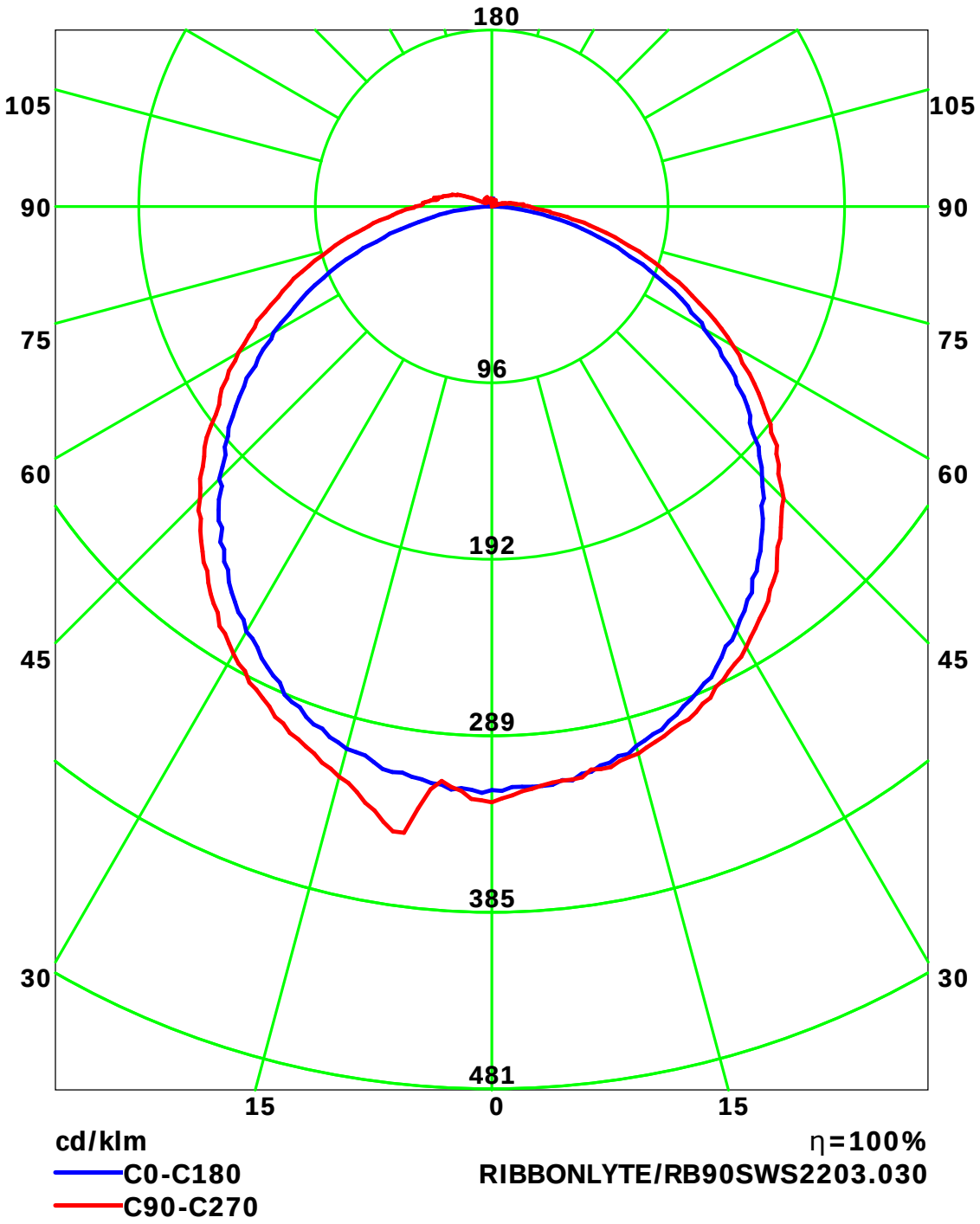
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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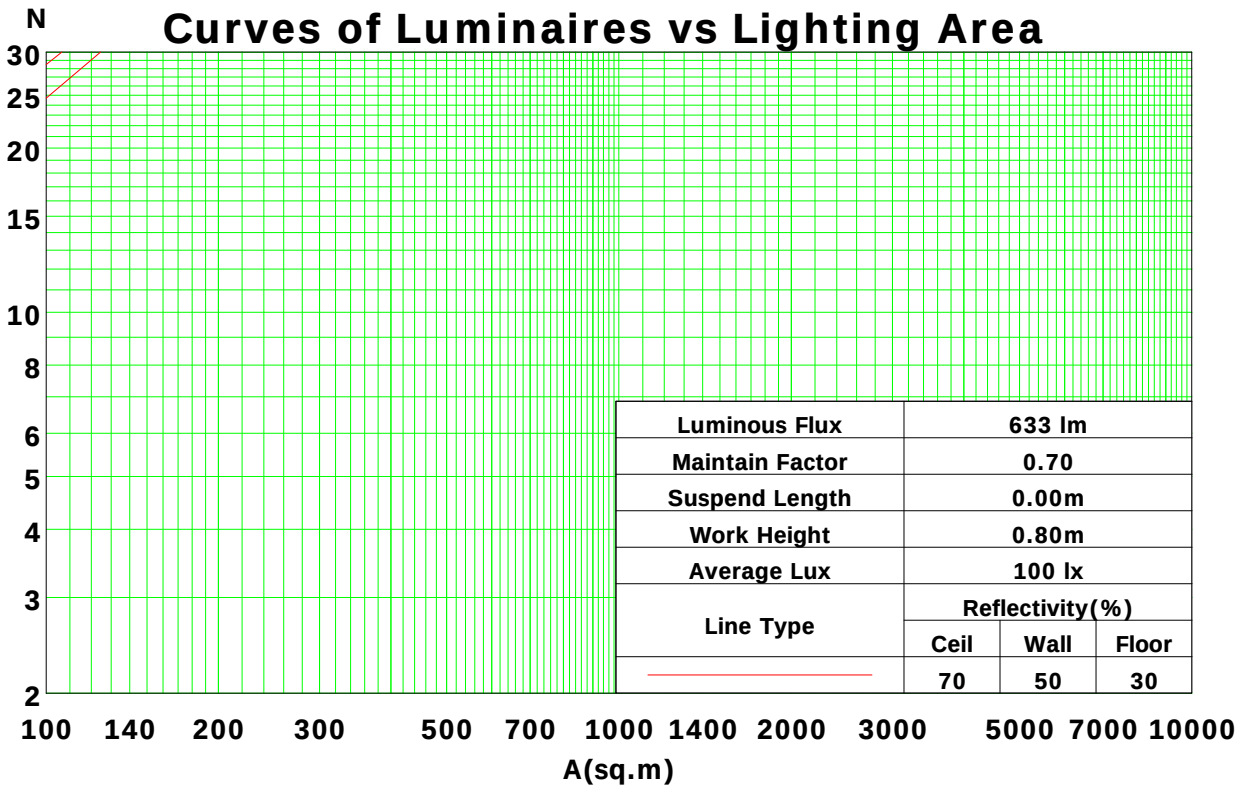
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	107	102	98	93	104	99	95	92	95	91	88	90	87	85	86	84	82	79
2	97	89	81	75	94	86	80	74	82	77	72	78	74	70	75	71	68	65
3	88	78	69	62	86	76	68	62	72	66	60	69	63	59	66	61	57	55
4	81	69	60	53	78	67	59	52	64	57	51	61	55	50	59	53	49	47
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	53	47	42	40
6	69	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
7	64	50	41	35	62	49	40	34	47	39	34	45	39	33	44	38	33	31
8	59	45	37	31	57	45	36	31	43	36	30	41	35	30	40	34	30	28
9	55	42	33	28	54	41	33	28	40	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.28
Spacing Criteria (Diagonal): 1.40

Curves of Luminaires vs Lighting Area



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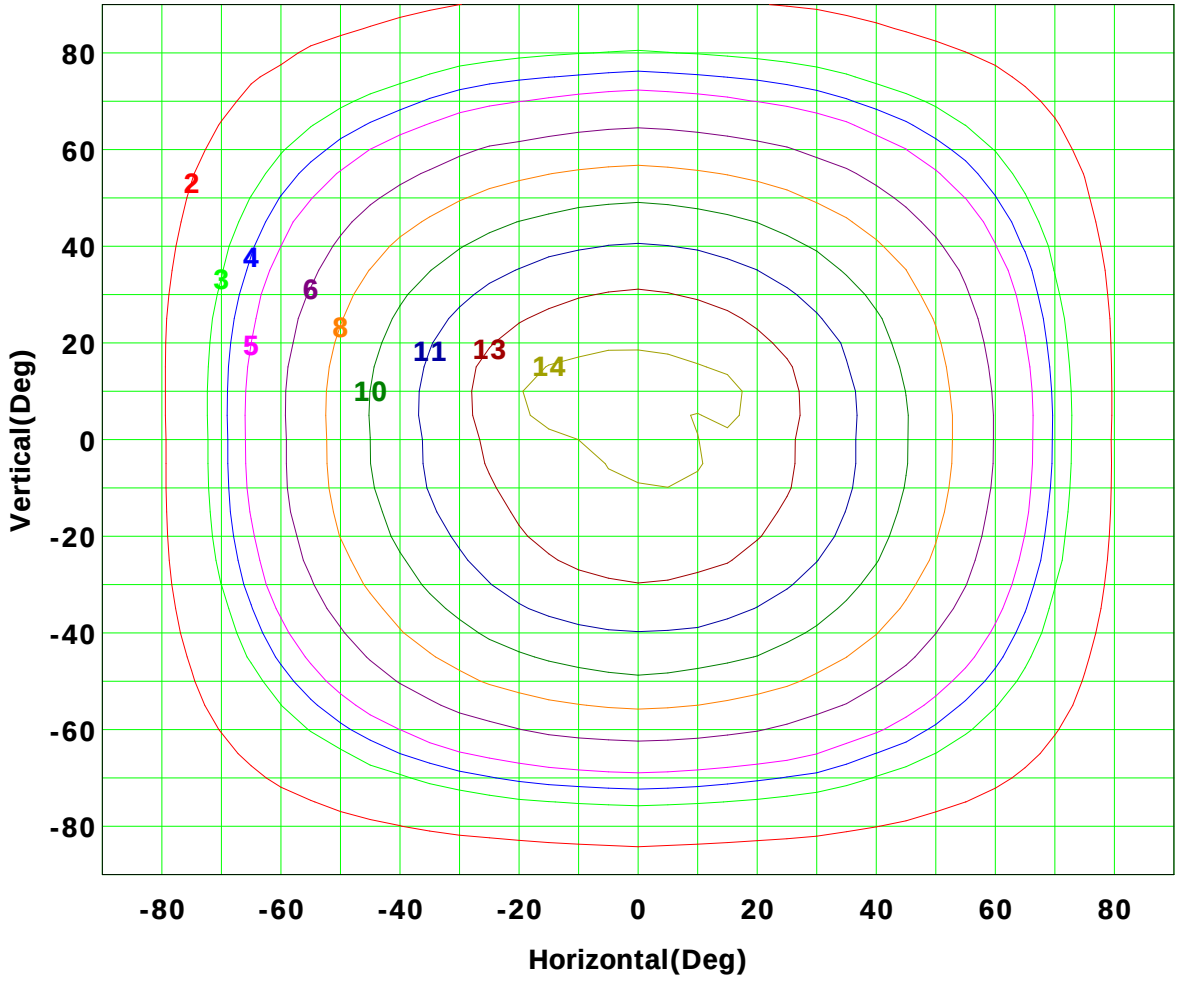
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



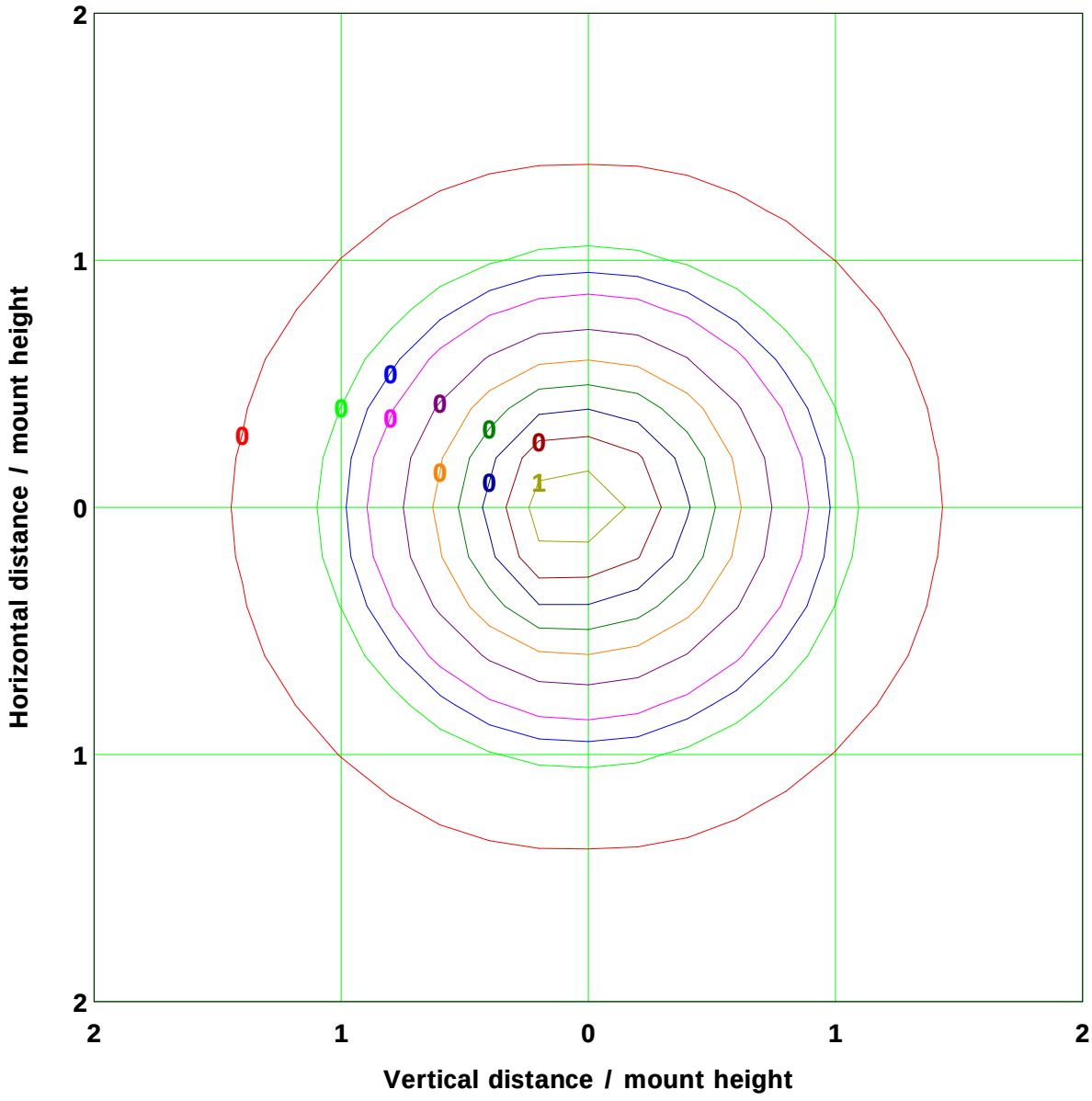
Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	10 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 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%): 0.6 lx

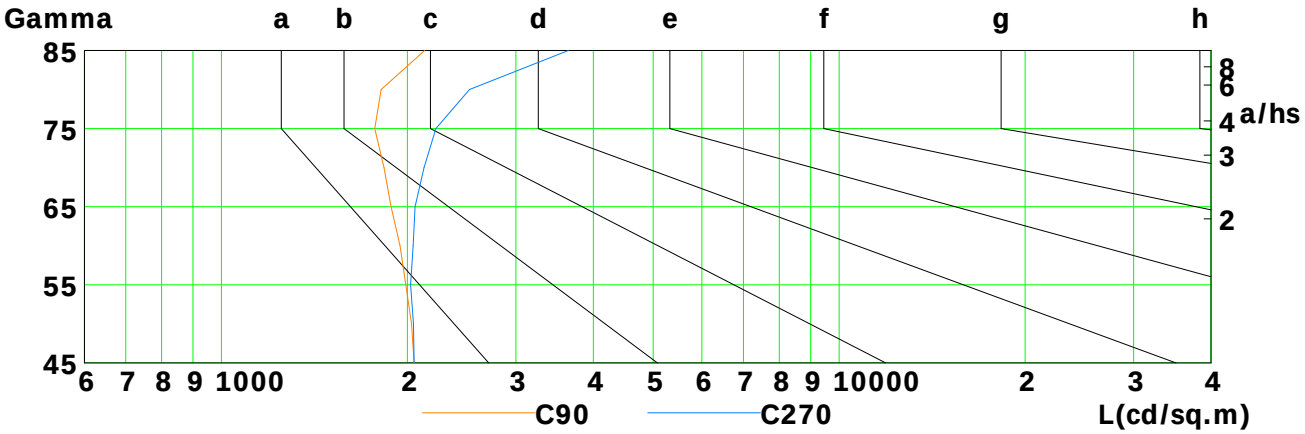
(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.2 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.4 lx
(80%): 0.5 lx	(90%): 0.5 lx

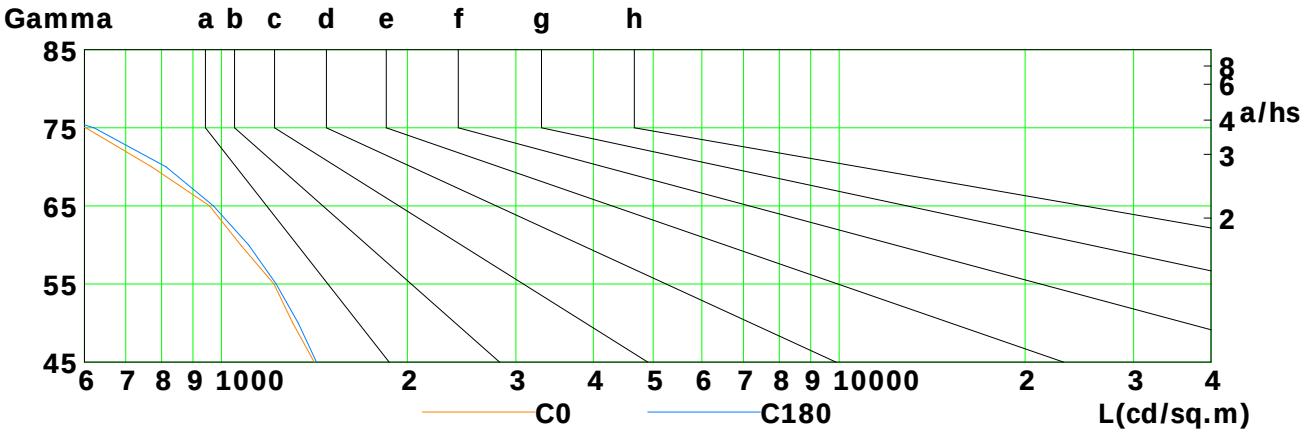
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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	1414	1305	1217	1075	957	772	603	386	171
C90	2052	2032	1989	1946	1883	1833	1772	1814	2133
C180	1426	1331	1227	1107	971	814	622	400	181
C270	2052	2047	2026	2045	2058	2130	2224	2522	3648

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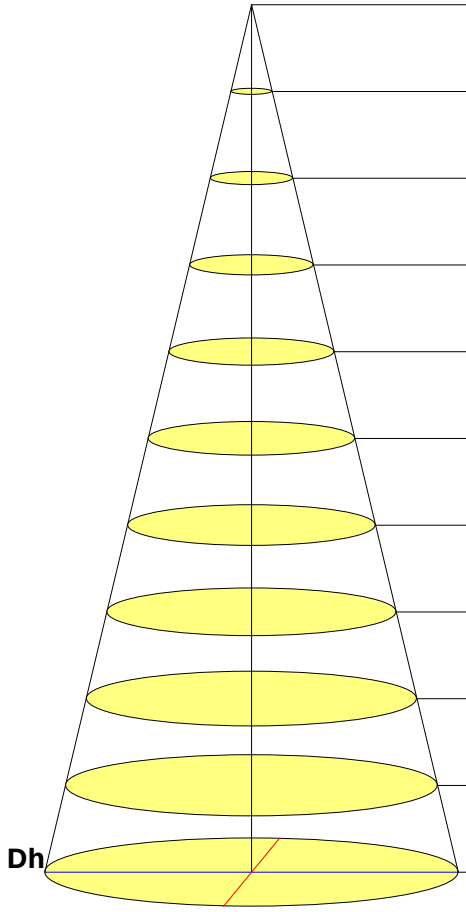
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Illuminance at a Distance



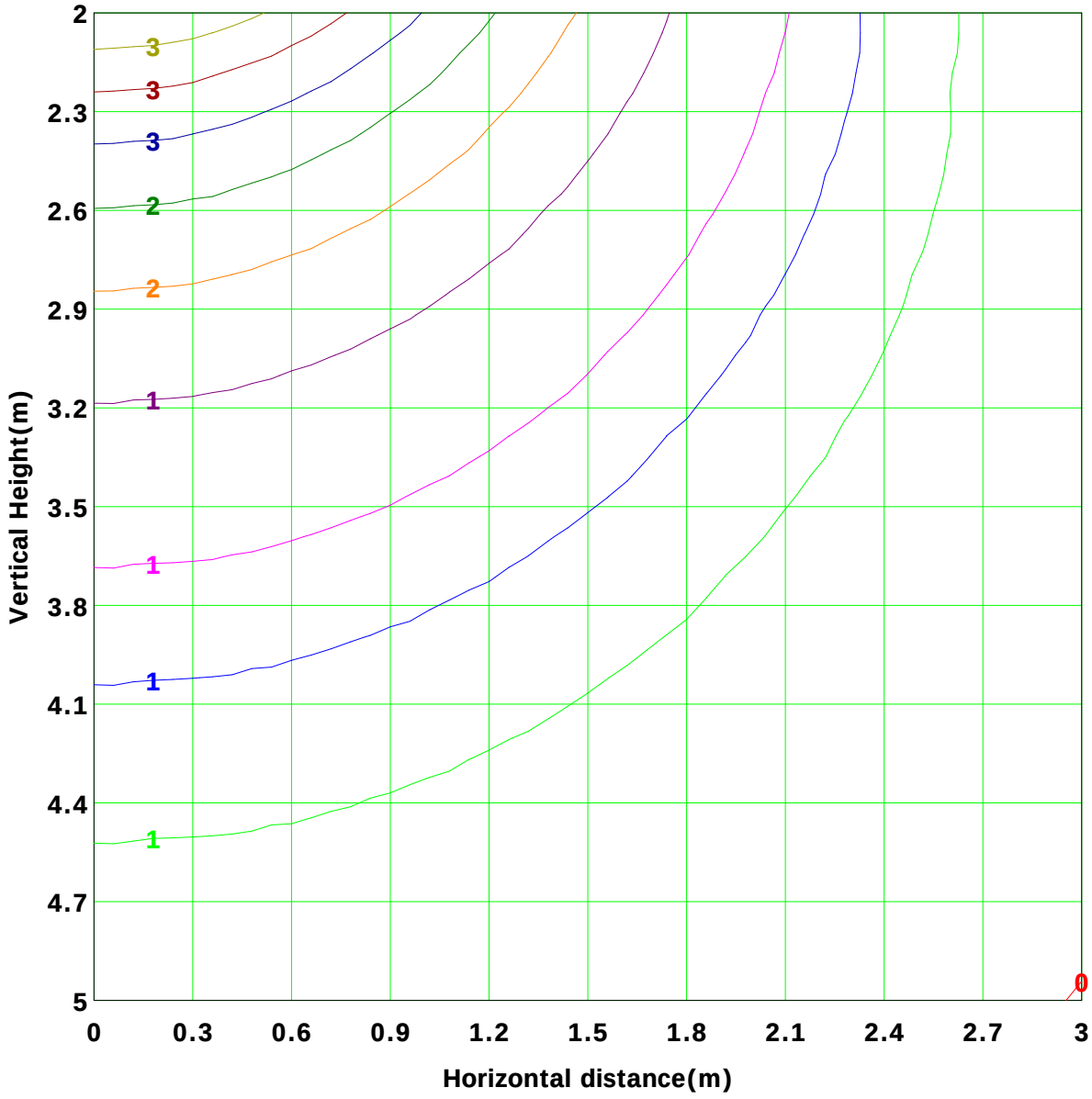
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	14.50	2.90/3.12	7.1	2.45
2.0	3.63	5.81/6.25	28.5	0.61
3.0	1.61	8.71/9.37	64.1	0.27
4.0	0.91	11.62/12.50	113.9	0.15
5.0	0.58	14.52/15.62	177.9	0.10
6.0	0.40	17.43/18.75	256.2	0.07
7.0	0.30	20.33/21.87	348.7	0.05
8.0	0.23	23.24/25.00	455.5	0.04
9.0	0.18	26.14/28.12	576.5	0.03
10.0	0.14	29.05/31.25	711.7	0.02

Beam Angle(B): H110.9 V114.8 Field Angle(F): H160.0 V179.0

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: 3.6 lx

(10%): 0.4 lx	(20%): 0.7 lx
(25%): 0.9 lx	(30%): 1.1 lx
(40%): 1.5 lx	(50%): 1.8 lx
(60%): 2.2 lx	(70%): 2.5 lx
(80%): 2.9 lx	(90%): 3.3 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:

Area Flux Table

Unit: lm

Horizontal plane	Vertical plane																									Flux(E)	Flux(T)
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90								
-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	0.0	0.0	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	0.0	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	0.2	0.2
-70	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
-60	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.4
-40	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.3
-30	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1
-20	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7
-10	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.1
0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.1
10	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7
20	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1
30	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.3
40	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3
50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5
60	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
70	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	44	0.4	0.9	1.5	2.1	2.6	3.1	3.4	3.7	3.8	3.9	3.8	3.5	3.2	2.7	2.2	1.6	1.1	0.6								
Flux(T)		0.1	0.8	1.4	2.1	2.6	3.1	3.4	3.7	3.8	3.9	3.8	3.5	3.2	2.7	2.2	1.6	1.1	0.5								
Flux(E)	43																										

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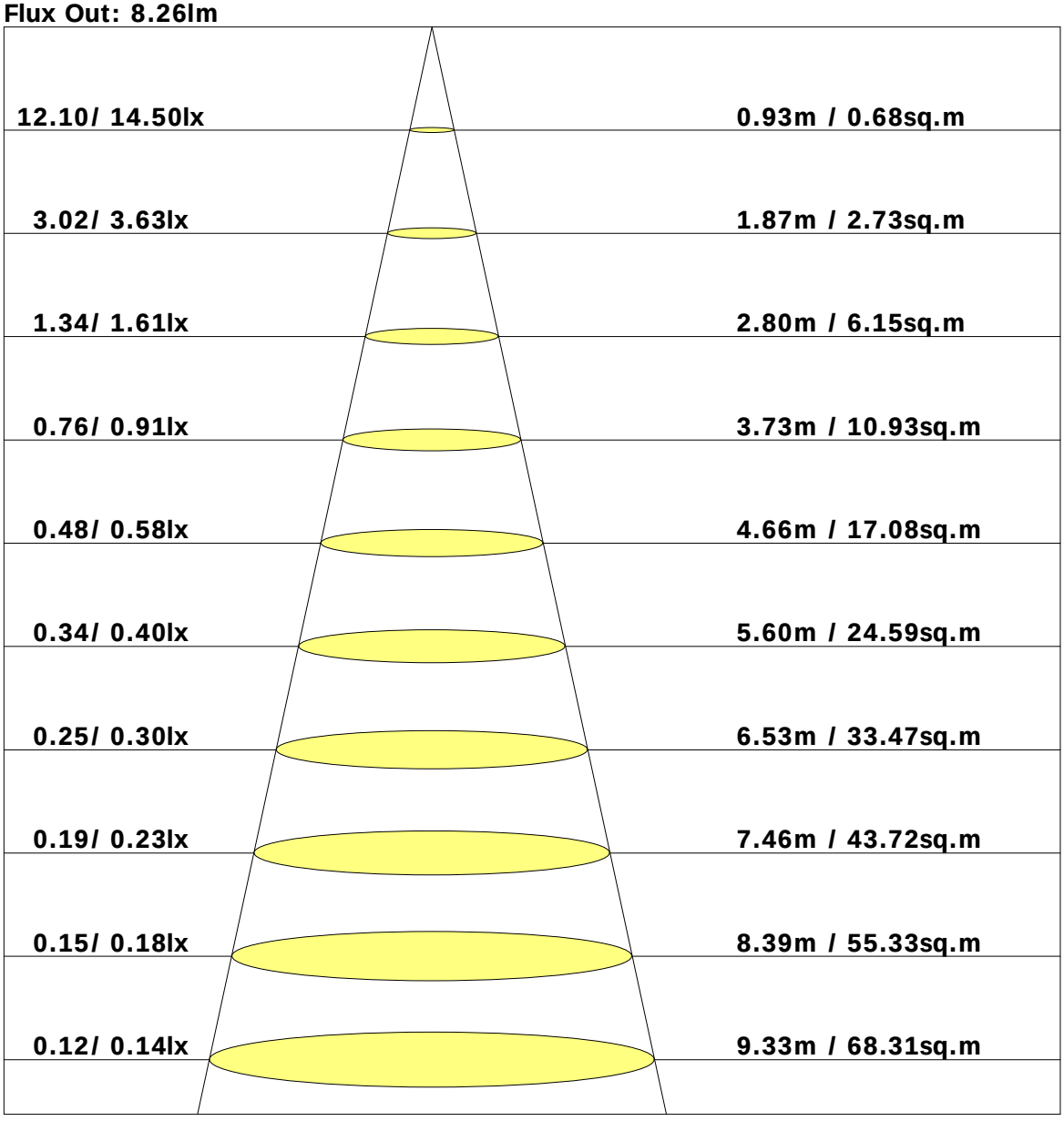
Temperature: 25
Operator: Nick

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: 8.26lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	12.10/ 14.50lx		0.93m / 0.68sq.m
2.0m	3.02/ 3.63lx		1.87m / 2.73sq.m
3.0m	1.34/ 1.61lx		2.80m / 6.15sq.m
4.0m	0.76/ 0.91lx		3.73m / 10.93sq.m
5.0m	0.48/ 0.58lx		4.66m / 17.08sq.m
6.0m	0.34/ 0.40lx		5.60m / 24.59sq.m
7.0m	0.25/ 0.30lx		6.53m / 33.47sq.m
8.0m	0.19/ 0.23lx		7.46m / 43.72sq.m
9.0m	0.15/ 0.18lx		8.39m / 55.33sq.m
10.0m	0.12/ 0.14lx		9.33m / 68.31sq.m

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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	24.0	25.6	24.4	26.0	26.4	23.6	25.2	24.0	25.5	25.9
3H	25.8	27.2	26.2	27.6	28.1	25.2	26.6	25.6	27.0	27.5
4H	26.4	27.8	26.8	28.2	28.6	25.8	27.1	26.2	27.6	28.0
6H	26.8	28.1	27.3	28.5	29.0	26.2	27.5	26.7	27.9	28.4
8H	27.0	28.2	27.4	28.6	29.1	26.3	27.6	26.8	28.0	28.5
12H	27.0	28.2	27.5	28.6	29.1	26.4	27.6	26.9	28.1	28.6
X=4H Y=2H	24.6	25.9	25.0	26.3	26.8	24.2	25.5	24.6	25.9	26.4
3H	26.5	27.7	27.0	28.1	28.6	26.0	27.1	26.5	27.6	28.1
4H	27.3	28.3	27.7	28.8	29.3	26.7	27.7	27.2	28.2	28.7
6H	27.8	28.8	28.3	29.3	29.8	27.2	28.2	27.7	28.7	29.2
8H	28.0	28.9	28.5	29.4	29.9	27.4	28.3	27.9	28.8	29.3
12H	28.1	28.9	28.6	29.4	30.0	27.6	28.4	28.1	28.9	29.4
X=8H Y=4H	27.5	28.4	28.1	28.9	29.4	27.0	27.8	27.5	28.3	28.9
6H	28.2	29.0	28.8	29.5	30.0	27.6	28.3	28.2	28.9	29.4
8H	28.5	29.1	29.0	29.7	30.2	27.9	28.5	28.4	29.1	29.6
12H	28.6	29.2	29.2	29.8	30.4	28.1	28.7	28.7	29.2	29.9
X=12H Y=4H	27.6	28.4	28.1	28.9	29.4	27.0	27.8	27.5	28.3	28.8
6H	28.3	29.0	28.9	29.5	30.1	27.7	28.3	28.2	28.8	29.5
8H	28.6	29.2	29.1	29.7	30.3	28.0	28.6	28.5	29.1	29.7

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	0.54	0.65	0.72	0.77	0.85	0.90	0.93	0.98	1.01
	0.30		0.46	0.57	0.64	0.70	0.78	0.84	0.88	0.93	0.97
	0.20		0.41	0.51	0.58	0.64	0.73	0.79	0.83	0.90	0.94
0.50	0.50	0.20	0.52	0.62	0.69	0.74	0.81	0.86	0.89	0.93	0.96
	0.30		0.45	0.55	0.62	0.68	0.75	0.81	0.84	0.90	0.93
	0.20		0.40	0.50	0.57	0.63	0.71	0.76	0.81	0.86	0.90
0.30	0.50	0.20	0.51	0.60	0.66	0.71	0.77	0.82	0.85	0.89	0.92
	0.30		0.44	0.54	0.61	0.66	0.73	0.78	0.81	0.86	0.89
	0.20		0.40	0.49	0.56	0.61	0.69	0.74	0.78	0.83	0.87
0.00	0.00	0.00	0.37	0.46	0.53	0.58	0.65	0.70	0.73	0.78	0.81

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	1.01	0.84	0.72	0.63	0.51	0.43	0.37	0.29	0.24
	0.30		0.85	0.72	0.63	0.56	0.46	0.39	0.34	0.27	0.23
	0.20		0.73	0.63	0.56	0.50	0.42	0.36	0.32	0.25	0.21
0.50	0.50	0.20	0.97	0.81	0.69	0.60	0.48	0.44	0.35	0.27	0.22
	0.30		0.82	0.70	0.61	0.54	0.44	0.37	0.33	0.26	0.21
	0.20		0.71	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21
0.30	0.50	0.20	0.94	0.77	0.66	0.58	0.46	0.38	0.33	0.26	0.21
	0.30		0.80	0.68	0.59	0.52	0.43	0.36	0.31	0.25	0.21
	0.20		0.70	0.61	0.53	0.48	0.40	0.34	0.29	0.24	0.20
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.32	0.27	0.23	0.19	0.16

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	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20
0.50	0.50	0.20	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.21
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.22	0.22	0.23	0.23
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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	14.7	0.0	0.0	0.03	0.03
1.0-2.0	14.7	0.0	0.1	0.09	0.12
2.0-3.0	14.6	0.1	0.1	0.15	0.28
3.0-4.0	14.6	0.1	0.2	0.21	0.49
4.0-5.0	14.5	0.1	0.3	0.27	0.77
5.0-6.0	14.4	0.2	0.5	0.33	1.10
6.0-7.0	14.5	0.2	0.7	0.39	1.49
7.0-8.0	14.5	0.2	0.9	0.46	1.95
8.0-9.0	14.6	0.2	1.1	0.52	2.47
9.0-10.0	14.6	0.3	1.4	0.58	3.05
10.0-11.0	14.6	0.3	1.7	0.64	3.69
11.0-12.0	14.5	0.3	2.0	0.70	4.39
12.0-13.0	14.4	0.3	2.3	0.75	5.14
13.0-14.0	14.4	0.4	2.7	0.81	5.95
14.0-15.0	14.3	0.4	3.1	0.87	6.81
15.0-16.0	14.3	0.4	3.5	0.92	7.73
16.0-17.0	14.2	0.4	4.0	0.97	8.71
17.0-18.0	14.1	0.5	4.4	1.02	9.73
18.0-19.0	14.0	0.5	4.9	1.07	10.80
19.0-20.0	13.9	0.5	5.4	1.12	11.92
20.0-21.0	13.8	0.5	6.0	1.16	13.09
21.0-22.0	13.7	0.5	6.5	1.21	14.29
22.0-23.0	13.5	0.6	7.1	1.25	15.54
23.0-24.0	13.4	0.6	7.7	1.29	16.83
24.0-25.0	13.3	0.6	8.3	1.33	18.16
25.0-26.0	13.1	0.6	8.9	1.36	19.52
26.0-27.0	13.0	0.6	9.5	1.40	20.92
27.0-28.0	12.9	0.7	10.2	1.43	22.36
28.0-29.0	12.7	0.7	10.8	1.46	23.82
29.0-30.0	12.6	0.7	11.5	1.49	25.32
30.0-31.0	12.4	0.7	12.2	1.52	26.84
31.0-32.0	12.3	0.7	12.9	1.55	28.39
32.0-33.0	12.1	0.7	13.6	1.57	29.96
33.0-34.0	12.0	0.7	14.4	1.59	31.55
34.0-35.0	11.8	0.7	15.1	1.61	33.17
35.0-36.0	11.7	0.7	15.8	1.63	34.80

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	11.5	0.7	16.6	1.65	36.45
37.0-38.0	11.3	0.8	17.3	1.66	38.11
38.0-39.0	11.2	0.8	18.1	1.67	39.78
39.0-40.0	11.0	0.8	18.9	1.68	41.46
40.0-41.0	10.8	0.8	19.6	1.69	43.15
41.0-42.0	10.6	0.8	20.4	1.69	44.84
42.0-43.0	10.4	0.8	21.2	1.69	46.53
43.0-44.0	10.2	0.8	21.9	1.70	48.23
44.0-45.0	10.0	0.8	22.7	1.70	49.93
45.0-46.0	9.8	0.8	23.5	1.69	51.62
46.0-47.0	9.6	0.8	24.3	1.68	53.30
47.0-48.0	9.4	0.8	25.0	1.67	54.98
48.0-49.0	9.2	0.8	25.8	1.66	56.64
49.0-50.0	9.0	0.8	26.5	1.65	58.29
50.0-51.0	8.8	0.7	27.3	1.64	59.93
51.0-52.0	8.6	0.7	28.0	1.62	61.55
52.0-53.0	8.4	0.7	28.7	1.60	63.15
53.0-54.0	8.2	0.7	29.5	1.58	64.73
54.0-55.0	8.0	0.7	30.2	1.56	66.29
55.0-56.0	7.7	0.7	30.9	1.54	67.83
56.0-57.0	7.5	0.7	31.6	1.51	69.34
57.0-58.0	7.3	0.7	32.2	1.48	70.82
58.0-59.0	7.1	0.7	32.9	1.45	72.26
59.0-60.0	6.8	0.6	33.5	1.42	73.68
60.0-61.0	6.6	0.6	34.2	1.38	75.06
61.0-62.0	6.4	0.6	34.8	1.35	76.41
62.0-63.0	6.1	0.6	35.4	1.31	77.72
63.0-64.0	5.9	0.6	36.0	1.27	78.99
64.0-65.0	5.7	0.6	36.5	1.23	80.23
65.0-66.0	5.4	0.5	37.1	1.19	81.42
66.0-67.0	5.2	0.5	37.6	1.15	82.57
67.0-68.0	5.0	0.5	38.1	1.10	83.67
68.0-69.0	4.7	0.5	38.6	1.06	84.73
69.0-70.0	4.5	0.5	39.0	1.02	85.75
70.0-71.0	4.3	0.4	39.5	0.97	86.72
71.0-72.0	4.0	0.4	39.9	0.93	87.65

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	3.8	0.4	40.3	0.88	88.53
73.0-74.0	3.6	0.4	40.7	0.83	89.36
74.0-75.0	3.4	0.4	41.0	0.78	90.14
75.0-76.0	3.2	0.3	41.4	0.74	90.88
76.0-77.0	3.0	0.3	41.7	0.69	91.57
77.0-78.0	2.7	0.3	42.0	0.65	92.22
78.0-79.0	2.5	0.3	42.2	0.60	92.81
79.0-80.0	2.3	0.3	42.5	0.55	93.36
80.0-81.0	2.1	0.2	42.7	0.51	93.87
81.0-82.0	2.0	0.2	42.9	0.47	94.34
82.0-83.0	1.8	0.2	43.1	0.43	94.77
83.0-84.0	1.6	0.2	43.3	0.38	95.15
84.0-85.0	1.4	0.2	43.5	0.35	95.50
85.0-86.0	1.3	0.1	43.6	0.31	95.81
86.0-87.0	1.2	0.1	43.7	0.28	96.09
87.0-88.0	1.0	0.1	43.8	0.25	96.34
88.0-89.0	0.9	0.1	43.9	0.22	96.56
89.0-90.0	0.8	0.1	44.0	0.20	96.76
90.0-91.0	0.8	0.1	44.1	0.19	96.95
91.0-92.0	0.7	0.1	44.2	0.18	97.13
92.0-93.0	0.7	0.1	44.3	0.17	97.30
93.0-94.0	0.7	0.1	44.4	0.16	97.46
94.0-95.0	0.6	0.1	44.4	0.15	97.61
95.0-96.0	0.6	0.1	44.5	0.14	97.76
96.0-97.0	0.6	0.1	44.6	0.13	97.89
97.0-98.0	0.5	0.1	44.6	0.12	98.02
98.0-99.0	0.5	0.1	44.7	0.12	98.14
99.0-100.0	0.5	0.1	44.7	0.11	98.25
100.0-101.0	0.4	0.0	44.8	0.10	98.35
101.0-102.0	0.4	0.0	44.8	0.09	98.44
102.0-103.0	0.4	0.0	44.8	0.08	98.53
103.0-104.0	0.3	0.0	44.9	0.08	98.61
104.0-105.0	0.3	0.0	44.9	0.07	98.68
105.0-106.0	0.3	0.0	44.9	0.07	98.75
106.0-107.0	0.3	0.0	45.0	0.06	98.81
107.0-108.0	0.2	0.0	45.0	0.06	98.87

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 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	45.0	0.05	98.92
109.0-110.0	0.2	0.0	45.0	0.05	98.96
110.0-111.0	0.2	0.0	45.1	0.04	99.00
111.0-112.0	0.2	0.0	45.1	0.03	99.04
112.0-113.0	0.1	0.0	45.1	0.03	99.07
113.0-114.0	0.1	0.0	45.1	0.02	99.09
114.0-115.0	0.1	0.0	45.1	0.02	99.11
115.0-116.0	0.1	0.0	45.1	0.02	99.13
116.0-117.0	0.1	0.0	45.1	0.02	99.15
117.0-118.0	0.1	0.0	45.1	0.02	99.17
118.0-119.0	0.1	0.0	45.1	0.02	99.19
119.0-120.0	0.1	0.0	45.1	0.02	99.20
120.0-121.0	0.1	0.0	45.2	0.02	99.22
121.0-122.0	0.1	0.0	45.2	0.02	99.24
122.0-123.0	0.1	0.0	45.2	0.02	99.26
123.0-124.0	0.1	0.0	45.2	0.02	99.28
124.0-125.0	0.1	0.0	45.2	0.02	99.30
125.0-126.0	0.1	0.0	45.2	0.02	99.32
126.0-127.0	0.1	0.0	45.2	0.02	99.33
127.0-128.0	0.1	0.0	45.2	0.02	99.35
128.0-129.0	0.1	0.0	45.2	0.02	99.37
129.0-130.0	0.1	0.0	45.2	0.02	99.39
130.0-131.0	0.1	0.0	45.2	0.02	99.41
131.0-132.0	0.1	0.0	45.3	0.02	99.43
132.0-133.0	0.1	0.0	45.3	0.02	99.45
133.0-134.0	0.1	0.0	45.3	0.02	99.47
134.0-135.0	0.1	0.0	45.3	0.02	99.49
135.0-136.0	0.1	0.0	45.3	0.02	99.51
136.0-137.0	0.1	0.0	45.3	0.02	99.52
137.0-138.0	0.1	0.0	45.3	0.02	99.54
138.0-139.0	0.1	0.0	45.3	0.02	99.56
139.0-140.0	0.1	0.0	45.3	0.02	99.58
140.0-141.0	0.1	0.0	45.3	0.02	99.60
141.0-142.0	0.1	0.0	45.3	0.02	99.61
142.0-143.0	0.1	0.0	45.3	0.02	99.63
143.0-144.0	0.1	0.0	45.4	0.02	99.65

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	0.1	0.0	45.4	0.02	99.67
145.0-146.0	0.1	0.0	45.4	0.02	99.68
146.0-147.0	0.1	0.0	45.4	0.02	99.70
147.0-148.0	0.1	0.0	45.4	0.02	99.72
148.0-149.0	0.1	0.0	45.4	0.02	99.74
149.0-150.0	0.1	0.0	45.4	0.02	99.75
150.0-151.0	0.1	0.0	45.4	0.02	99.77
151.0-152.0	0.1	0.0	45.4	0.01	99.78
152.0-153.0	0.1	0.0	45.4	0.02	99.80
153.0-154.0	0.1	0.0	45.4	0.01	99.81
154.0-155.0	0.1	0.0	45.4	0.01	99.82
155.0-156.0	0.1	0.0	45.4	0.01	99.84
156.0-157.0	0.1	0.0	45.4	0.01	99.85
157.0-158.0	0.1	0.0	45.4	0.01	99.86
158.0-159.0	0.1	0.0	45.5	0.01	99.88
159.0-160.0	0.1	0.0	45.5	0.01	99.89
160.0-161.0	0.1	0.0	45.5	0.01	99.90
161.0-162.0	0.1	0.0	45.5	0.01	99.91
162.0-163.0	0.1	0.0	45.5	0.01	99.92
163.0-164.0	0.1	0.0	45.5	0.01	99.93
164.0-165.0	0.1	0.0	45.5	0.01	99.93
165.0-166.0	0.1	0.0	45.5	0.01	99.94
166.0-167.0	0.1	0.0	45.5	0.01	99.95
167.0-168.0	0.1	0.0	45.5	0.01	99.96
168.0-169.0	0.1	0.0	45.5	0.01	99.96
169.0-170.0	0.2	0.0	45.5	0.01	99.97
170.0-171.0	0.1	0.0	45.5	0.01	99.98
171.0-172.0	0.1	0.0	45.5	0.00	99.98
172.0-173.0	0.1	0.0	45.5	0.00	99.99
173.0-174.0	0.1	0.0	45.5	0.00	99.99
174.0-175.0	0.1	0.0	45.5	0.00	99.99
175.0-176.0	0.1	0.0	45.5	0.00	100.00
176.0-177.0	0.1	0.0	45.5	0.00	100.00
177.0-178.0	0.1	0.0	45.5	0.00	100.00
178.0-179.0	0.1	0.0	45.5	0.00	100.00
179.0-180.0	0.1	0.0	45.5	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: