ACOLYTE
https://www.genledbrands.com/
Tel:+1 212 629 68304(USA)
Fax:(+1) 210 360 1454

Report No.: **Test Time: 2021/1/5 14:16**

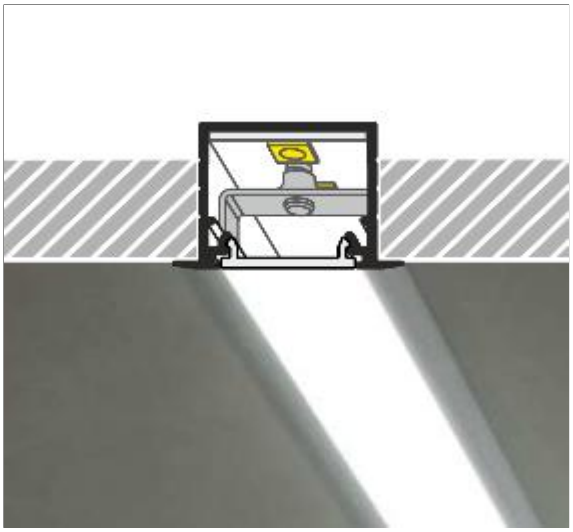
Luminaire Property

Luminaire Manufacturer: ACOLYTE
Luminaire Category: CHANNEL **Luminaire Description:** AR20
Lamp Catalog: RIBBONLYTE **Lamp Description: RB90SWS2203.030**
Number of Lamps: 1 ROW **Luminous Length (mm): 500**
Luminous Width (mm): 30 **Luminous Height (mm): 20.4**
Voltage: 24.0 V **Current: 0.217 A**
Power: 5.21 W **Power Factor: 1.000**

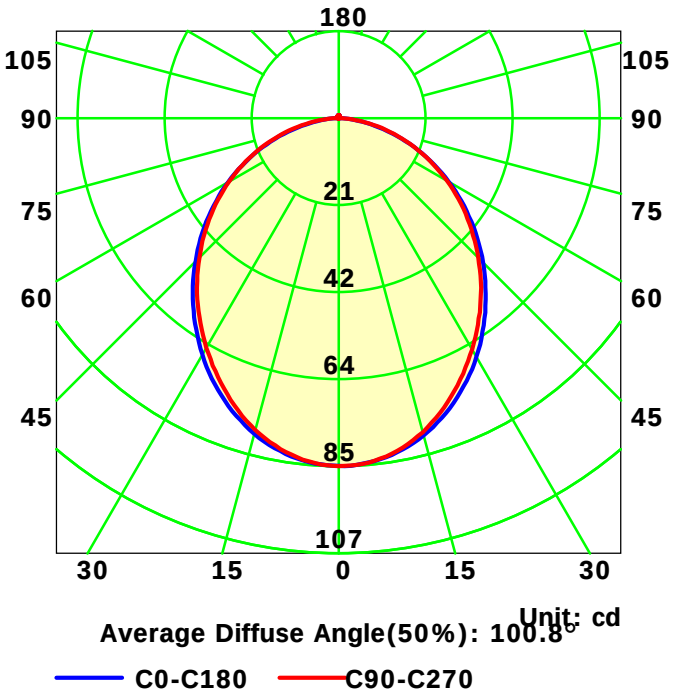
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 218.0 lm**
Measurement Flux: 218 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H157.3,H101.8
Vertical Diffuse Angle(10%,50%): V158.8,V99.9
Luminaire Efficacy Rating (LER): 42 **Central Intensity: 85.7 cd**
Max. Intensity: 85.8 cd **Pos of Max. Intensity: H120 V0**

Picture Of Luminaire

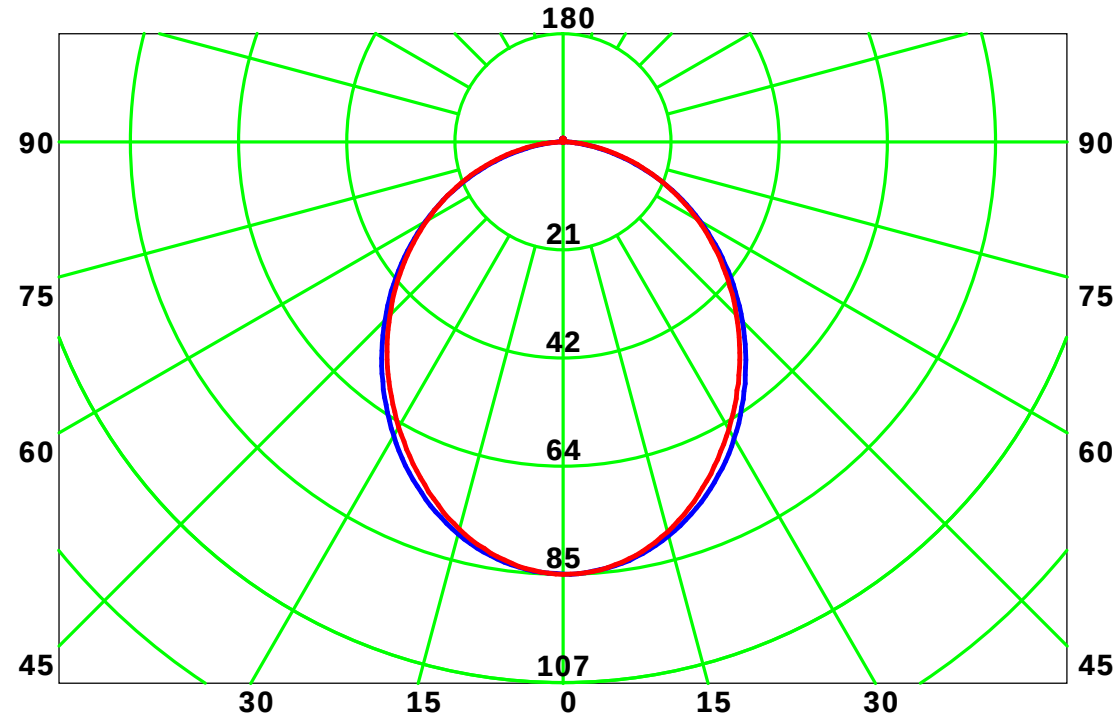


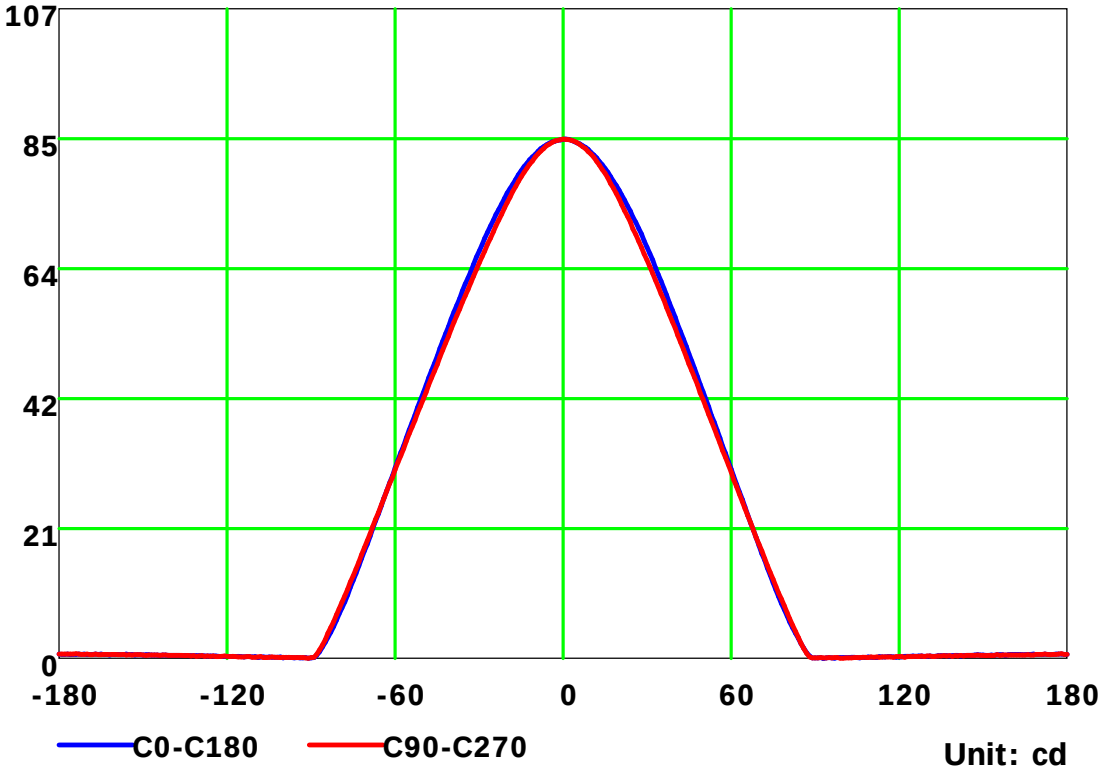
Luminous Intensity Distribution Curve



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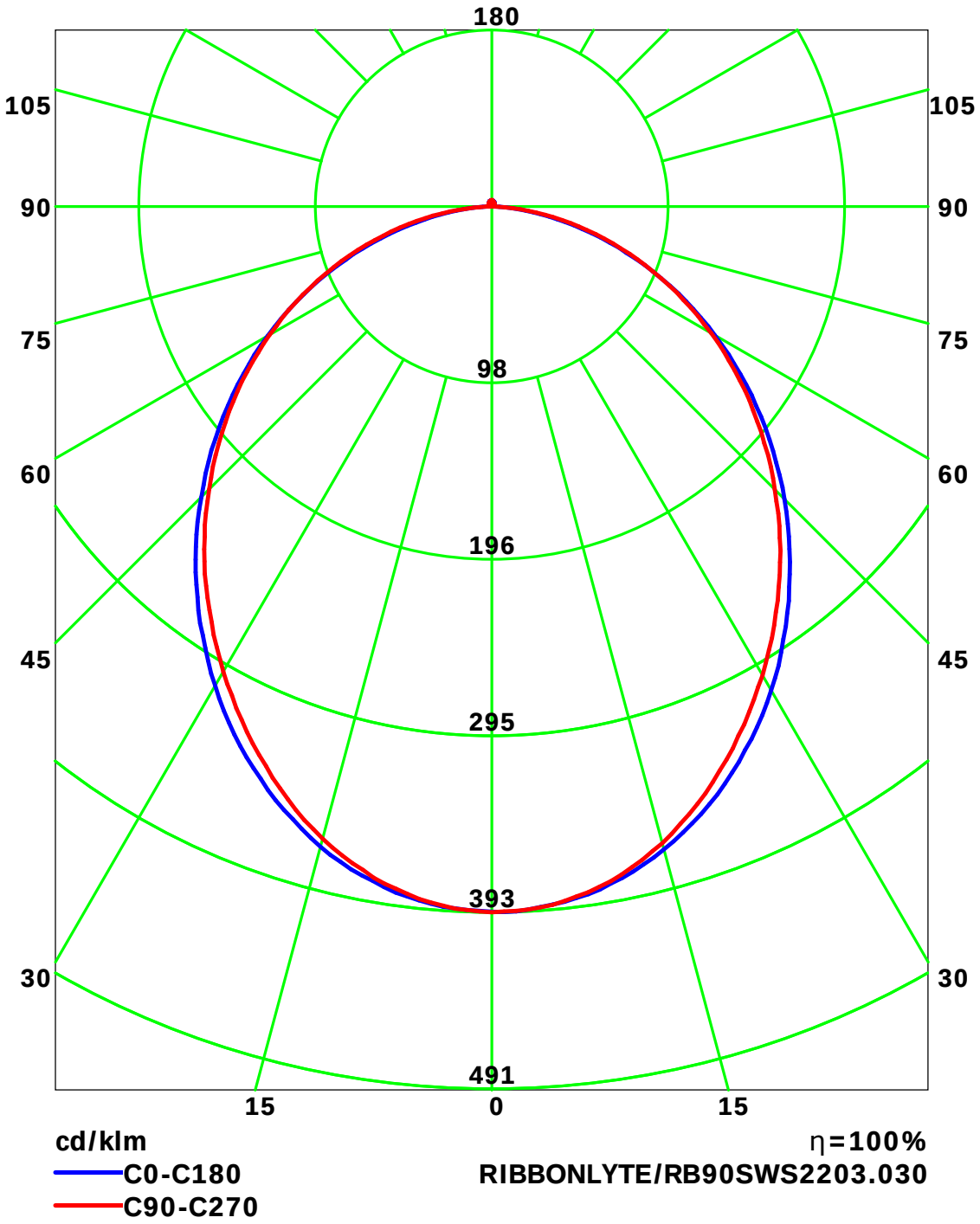
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

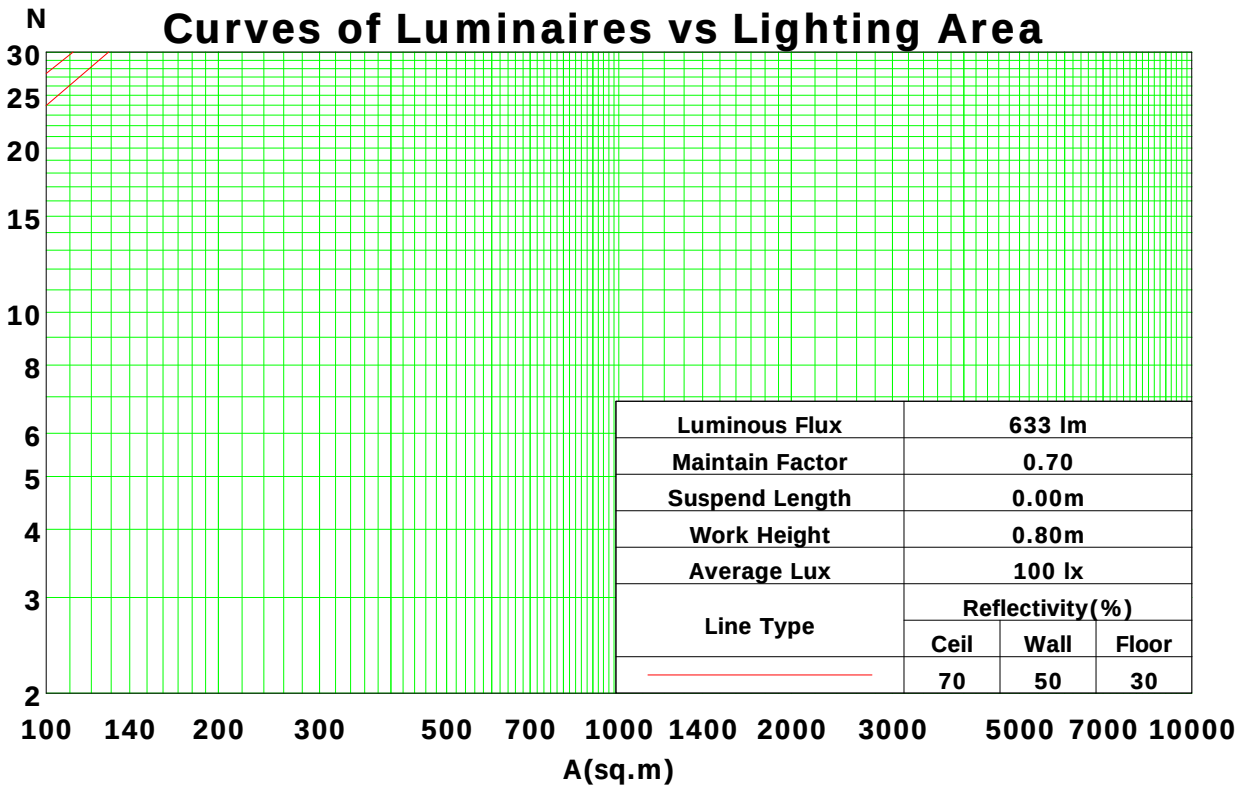
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	96	106	102	98	95	97	94	91	93	91	88	90	88	86	83
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	73	67	63	70	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51
5	77	64	55	49	74	63	54	48	60	53	48	58	52	47	56	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	52	43	37	50	43	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	34	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

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

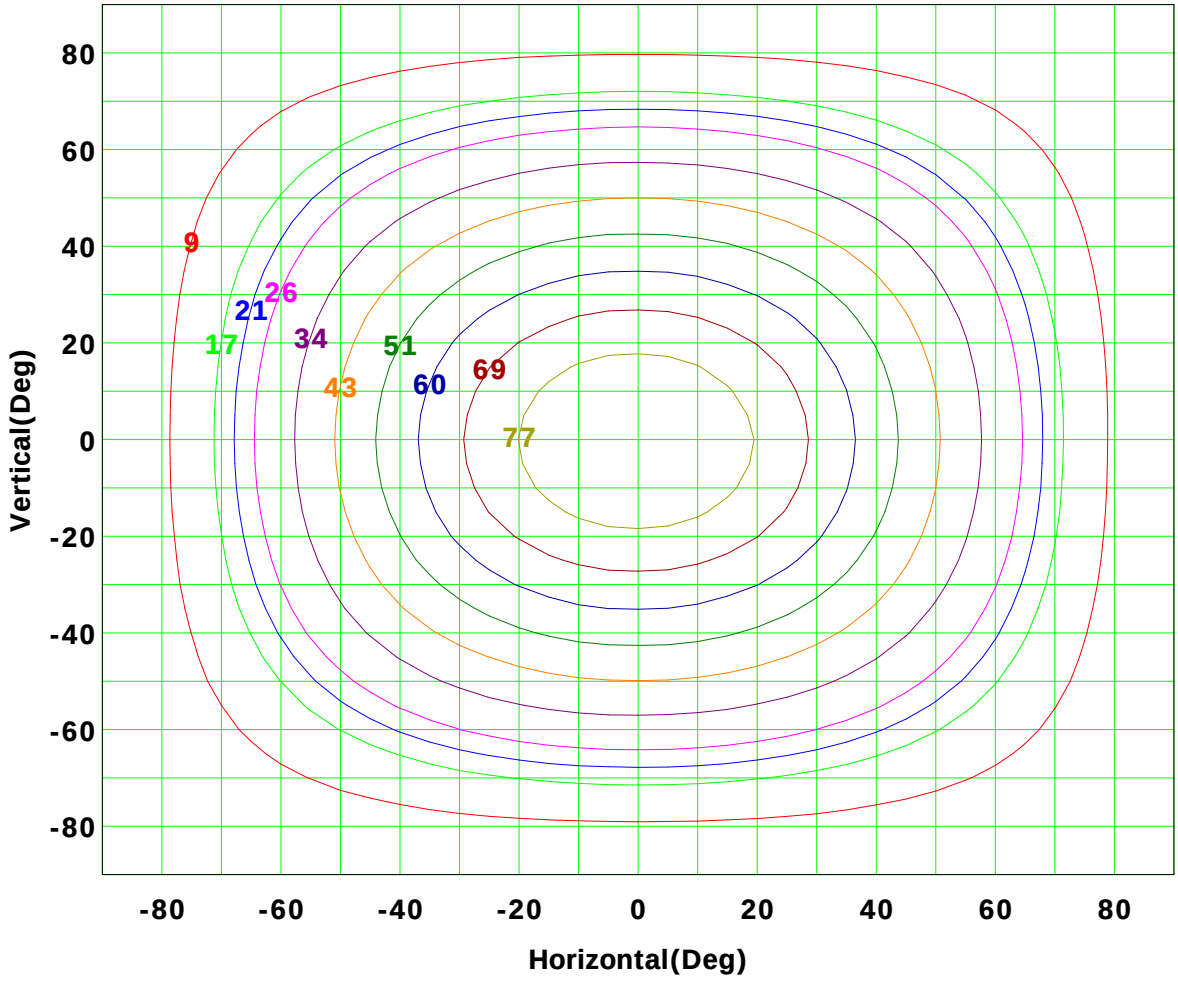
Curves of Luminaires vs Lighting Area



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)



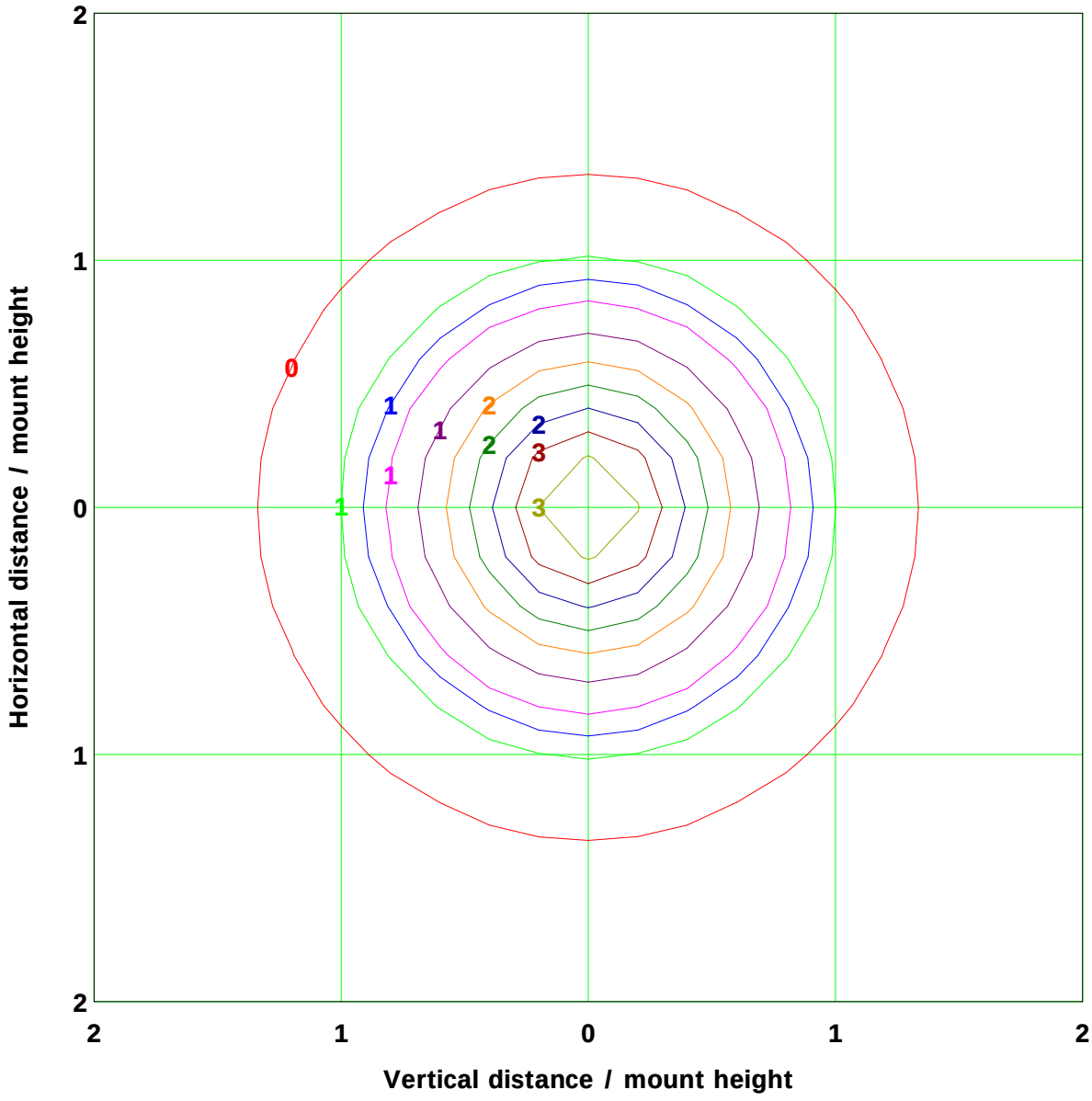
Imax (100%): 86 cd

(10%):	9 cd	(20%):	17 cd
(25%):	21 cd	(30%):	26 cd
(40%):	34 cd	(50%):	43 cd
(60%):	51 cd	(70%):	60 cd
(80%):	69 cd	(90%):	77 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%): 3.4 lx

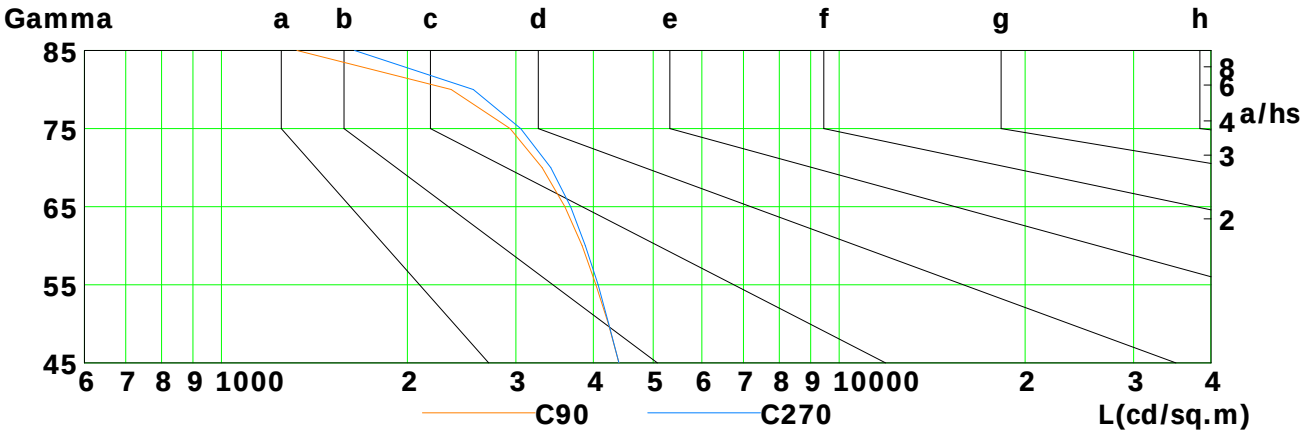
(10%): 0.3 lx	(20%): 0.7 lx
(25%): 0.9 lx	(30%): 1.0 lx
(40%): 1.4 lx	(50%): 1.7 lx
(60%): 2.1 lx	(70%): 2.4 lx
(80%): 2.7 lx	(90%): 3.1 lx

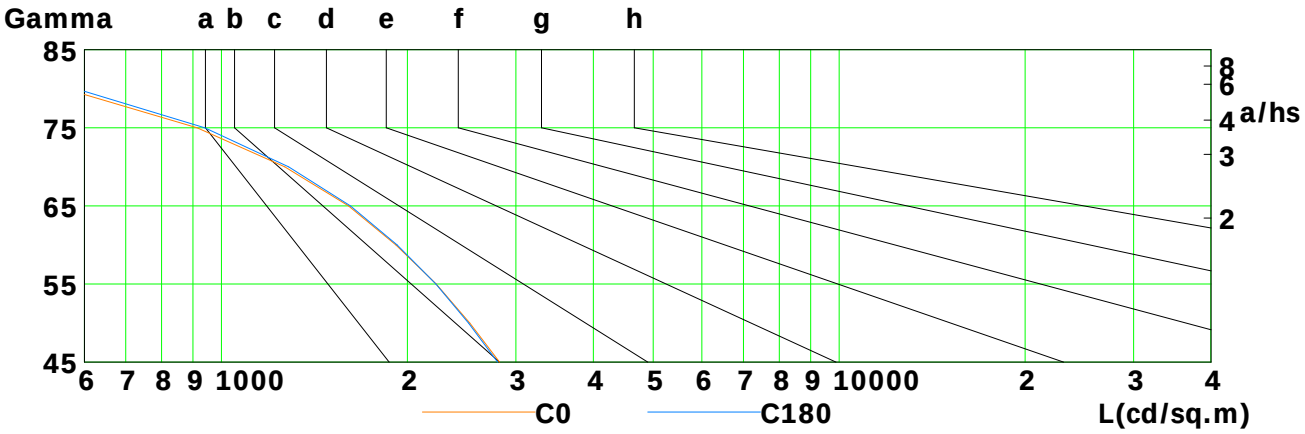
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



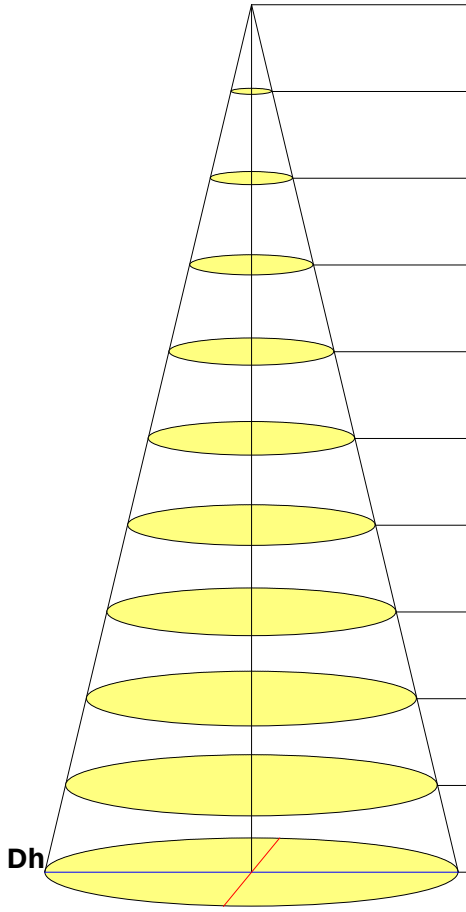


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2823	2525	2227	1918	1607	1267	914	559	218
C90	4405	4232	4040	3837	3600	3306	2935	2357	1325
C180	2802	2513	2224	1926	1618	1285	940	582	235
C270	4402	4237	4074	3884	3679	3414	3054	2560	1643

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



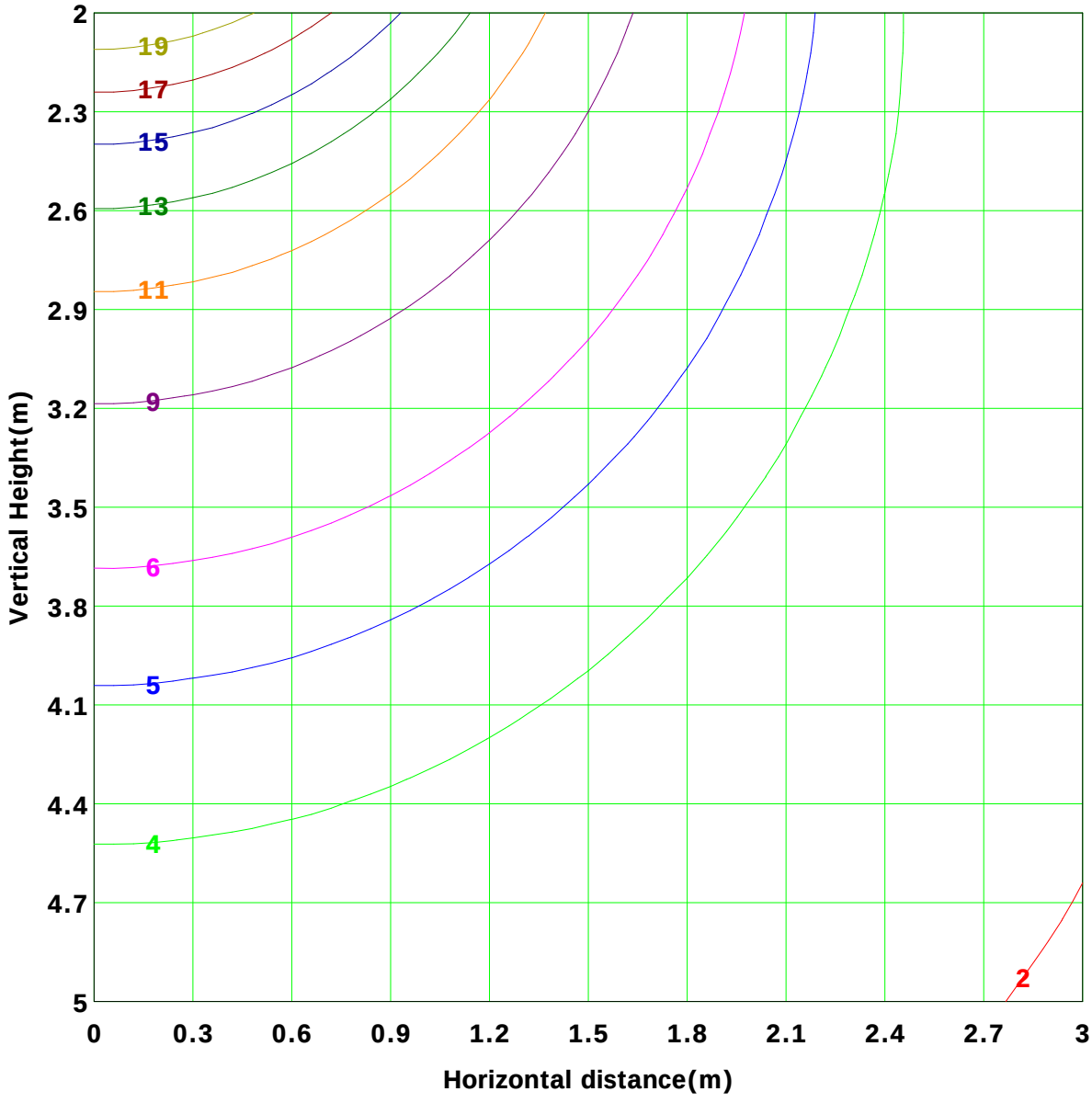
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	85.70	2.46/2.38	4.6	17.81
2.0	21.42	4.92/4.76	18.4	4.45
3.0	9.52	7.38/7.13	41.5	1.98
4.0	5.36	9.84/9.51	73.7	1.11
5.0	3.43	12.31/11.89	115.2	0.71
6.0	2.38	14.77/14.27	165.8	0.49
7.0	1.75	17.23/16.65	225.7	0.36
8.0	1.34	19.69/19.03	294.8	0.28
9.0	1.06	22.15/21.40	373.1	0.22
10.0	0.86	24.61/23.78	460.6	0.18

Beam Angle(B): H101.8 V99.9 Field Angle(F): H157.3 V158.8

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: 21.4 lx

(10%): 2.1 lx	(20%): 4.3 lx
(25%): 5.4 lx	(30%): 6.4 lx
(40%): 8.6 lx	(50%): 10.7 lx
(60%): 12.9 lx	(70%): 15.0 lx
(80%): 17.1 lx	(90%): 19.3 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

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	Flux(T)	Flux(E)
-90	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-80	0.8	1.1	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	0.1	0.0	0.0	0.0	0.0		
-70	3.2	3.4	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0		
-60	6.7	6.9	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0		
-50	11.0	11.2	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.1	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.2	0.0	0.0		
-40	15.6	15.8	0.1	0.3	0.5	0.7	0.9	1.1	1.3	1.5	1.5	1.5	1.5	1.3	1.1	0.9	0.7	0.5	0.3	0.1	0.0		
-30	19.9	20.1	0.1	0.3	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.2	0.9	0.6	0.3	0.1	0.0		
-20	23.3	23.5	0.1	0.4	0.7	1.0	1.4	1.7	2.0	2.2	2.3	2.3	2.2	2.0	1.7	1.4	1.0	0.7	0.4	0.1	0.0		
-10	25.2	25.4	0.1	0.4	0.7	1.1	1.5	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.5	1.1	0.8	0.4	0.1	0.0		
0	25.2	25.4	0.1	0.4	0.7	1.1	1.5	1.8	2.1	2.4	2.6	2.5	2.4	2.1	1.8	1.5	1.1	0.8	0.4	0.1	0.0		
10	23.4	23.6	0.1	0.4	0.7	1.0	1.4	1.7	2.0	2.2	2.4	2.3	2.2	2.0	1.7	1.4	1.0	0.7	0.4	0.1	0.0		
20	20.0	20.3	0.1	0.3	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.0	1.9	1.7	1.5	1.2	0.9	0.6	0.3	0.1	0.0		
30	15.7	15.9	0.1	0.2	0.5	0.7	0.9	1.2	1.3	1.5	1.5	1.5	1.5	1.3	1.2	0.9	0.7	0.5	0.3	0.1	0.0		
40	11.0	11.2	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.1	1.1	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.0	0.0		
50	6.7	6.9	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0		
60	3.1	3.4	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0		
70	0.7	1.1	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	0.1	0.0	0.0	0.0	0.0		
80	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90		216	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		
Flux(T)			0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0		
Flux(E)			0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0		

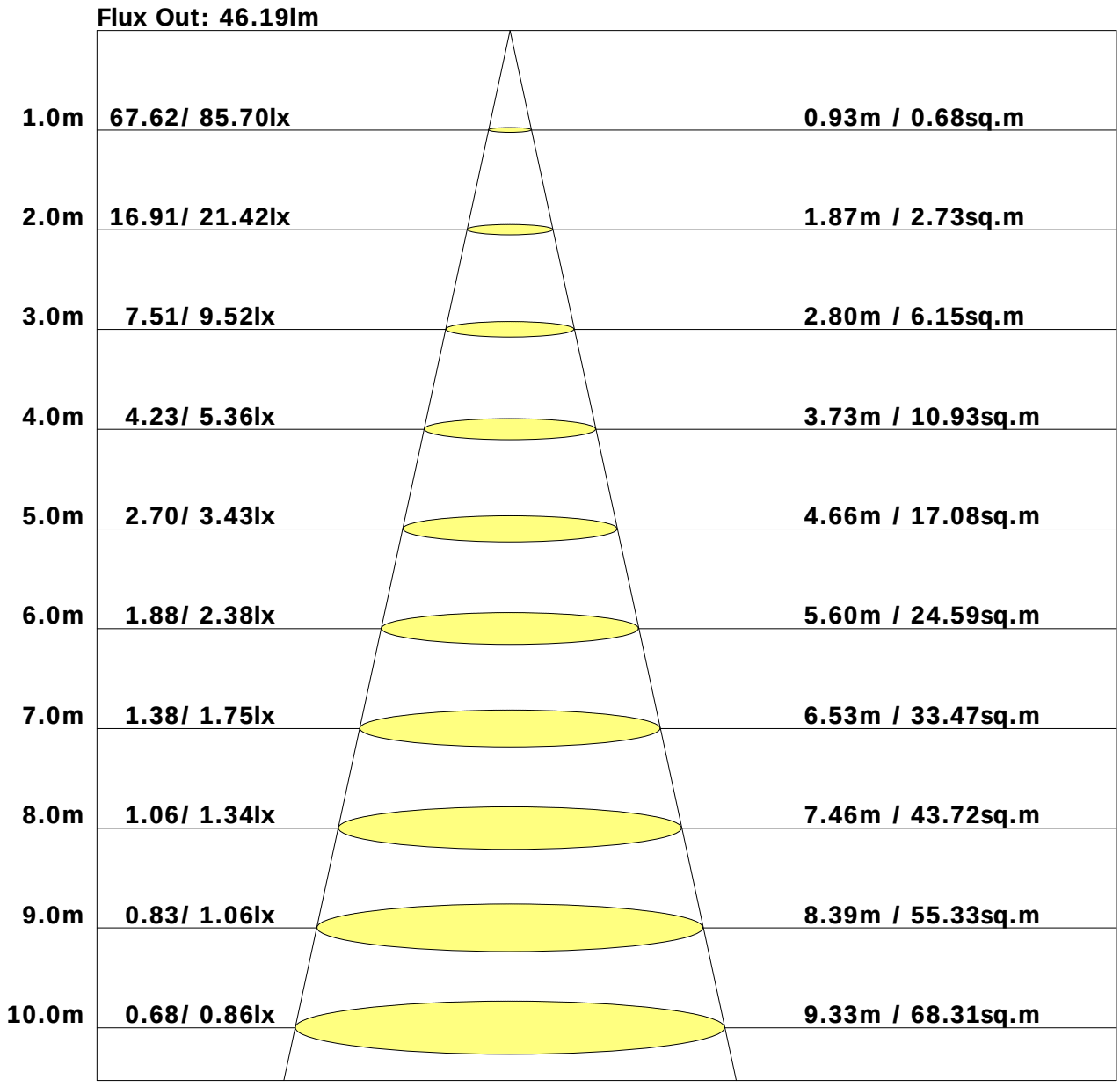
Horizontal plane

-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 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



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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:

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	21.2	22.8	21.6	23.1	23.5	19.8	21.3	20.1	21.7	22.0
3H	22.8	24.3	23.2	24.6	25.0	21.1	22.5	21.5	22.9	23.3
4H	23.4	24.8	23.8	25.1	25.5	21.5	22.9	22.0	23.3	23.7
6H	23.8	25.0	24.2	25.4	25.8	21.8	23.0	22.2	23.4	23.8
8H	23.9	25.1	24.3	25.5	25.9	21.8	23.0	22.3	23.4	23.8
12H	23.9	25.1	24.4	25.5	25.9	21.8	23.0	22.3	23.4	23.8
X=4H Y=2H	21.6	22.9	22.0	23.3	23.7	20.4	21.7	20.8	22.1	22.5
3H	23.4	24.5	23.8	24.9	25.3	21.9	23.0	22.3	23.4	23.9
4H	24.0	25.0	24.5	25.5	25.9	22.4	23.4	22.9	23.9	24.3
6H	24.5	25.4	25.0	25.8	26.3	22.7	23.6	23.2	24.1	24.6
8H	24.6	25.4	25.1	25.9	26.4	22.8	23.6	23.3	24.1	24.6
12H	24.7	25.4	25.2	25.9	26.4	22.8	23.6	23.3	24.1	24.6
X=8H Y=4H	24.2	25.0	24.6	25.4	25.9	22.7	23.5	23.1	24.0	24.4
6H	24.6	25.4	25.2	25.9	26.4	23.0	23.7	23.6	24.2	24.7
8H	24.8	25.4	25.3	26.0	26.5	23.1	23.8	23.7	24.3	24.8
12H	24.9	25.5	25.4	26.0	26.6	23.2	23.7	23.7	24.2	24.8
X=12H Y=4H	24.1	24.9	24.6	25.4	25.9	22.7	23.4	23.2	23.9	24.4
6H	24.7	25.3	25.2	25.8	26.3	23.1	23.7	23.6	24.2	24.7
8H	24.8	25.4	25.4	25.9	26.5	23.2	23.7	23.7	24.2	24.8

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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	0.58	0.68	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.51	0.61	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.88	0.93	0.96
	0.20		0.45	0.55	0.62	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.51	0.58	0.63	0.70	0.75	0.78	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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21
	0.30		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.24	0.20
	0.20		0.69	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.93	0.77	0.65	0.57	0.45	0.41	0.32	0.24	0.20
	0.30		0.79	0.67	0.57	0.51	0.41	0.34	0.30	0.23	0.19
	0.20		0.69	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.91	0.74	0.62	0.54	0.43	0.35	0.30	0.23	0.19
	0.30		0.77	0.65	0.56	0.49	0.40	0.33	0.28	0.22	0.18
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.18
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.21	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		0.11	0.12	0.13	0.15	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	0.20
	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	0.21	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	85.7	0.1	0.1	0.04	0.04
1.0-2.0	85.6	0.2	0.3	0.11	0.15
2.0-3.0	85.6	0.4	0.7	0.19	0.34
3.0-4.0	85.4	0.6	1.3	0.26	0.60
4.0-5.0	85.2	0.7	2.0	0.34	0.94
5.0-6.0	85.0	0.9	2.9	0.41	1.35
6.0-7.0	84.7	1.1	4.0	0.48	1.83
7.0-8.0	84.3	1.2	5.2	0.55	2.38
8.0-9.0	83.9	1.4	6.6	0.62	3.01
9.0-10.0	83.5	1.5	8.1	0.69	3.70
10.0-11.0	83.0	1.7	9.7	0.76	4.46
11.0-12.0	82.4	1.8	11.5	0.83	5.29
12.0-13.0	81.9	1.9	13.5	0.89	6.18
13.0-14.0	81.3	2.1	15.5	0.95	7.13
14.0-15.0	80.6	2.2	17.8	1.02	8.15
15.0-16.0	79.9	2.3	20.1	1.07	9.22
16.0-17.0	79.2	2.5	22.6	1.13	10.35
17.0-18.0	78.4	2.6	25.2	1.19	11.54
18.0-19.0	77.6	2.7	27.9	1.24	12.78
19.0-20.0	76.8	2.8	30.7	1.29	14.07
20.0-21.0	75.9	2.9	33.6	1.34	15.41
21.0-22.0	75.0	3.0	36.6	1.38	16.79
22.0-23.0	74.1	3.1	39.7	1.43	18.22
23.0-24.0	73.2	3.2	42.9	1.47	19.68
24.0-25.0	72.2	3.3	46.2	1.51	21.19
25.0-26.0	71.2	3.4	49.6	1.54	22.73
26.0-27.0	70.2	3.4	53.0	1.58	24.31
27.0-28.0	69.2	3.5	56.5	1.61	25.92
28.0-29.0	68.2	3.6	60.1	1.64	27.55
29.0-30.0	67.1	3.6	63.7	1.66	29.22
30.0-31.0	66.0	3.7	67.4	1.69	30.90
31.0-32.0	65.0	3.7	71.1	1.71	32.61
32.0-33.0	63.9	3.8	74.8	1.73	34.34
33.0-34.0	62.7	3.8	78.6	1.74	36.08
34.0-35.0	61.6	3.8	82.5	1.76	37.84
35.0-36.0	60.5	3.9	86.3	1.77	39.60

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	59.4	3.9	90.2	1.78	41.38
37.0-38.0	58.2	3.9	94.1	1.78	43.16
38.0-39.0	57.1	3.9	98.0	1.79	44.95
39.0-40.0	55.9	3.9	101.9	1.79	46.74
40.0-41.0	54.8	3.9	105.8	1.79	48.53
41.0-42.0	53.6	3.9	109.7	1.79	50.32
42.0-43.0	52.4	3.9	113.6	1.78	52.10
43.0-44.0	51.2	3.9	117.4	1.77	53.87
44.0-45.0	50.0	3.8	121.3	1.76	55.64
45.0-46.0	48.8	3.8	125.1	1.75	57.39
46.0-47.0	47.6	3.8	128.9	1.74	59.13
47.0-48.0	46.4	3.8	132.6	1.72	60.85
48.0-49.0	45.2	3.7	136.4	1.70	62.55
49.0-50.0	44.0	3.7	140.0	1.68	64.24
50.0-51.0	42.8	3.6	143.6	1.66	65.90
51.0-52.0	41.6	3.6	147.2	1.64	67.54
52.0-53.0	40.4	3.5	150.7	1.61	69.15
53.0-54.0	39.2	3.5	154.2	1.58	70.73
54.0-55.0	38.0	3.4	157.6	1.56	72.29
55.0-56.0	36.8	3.3	160.9	1.52	73.81
56.0-57.0	35.5	3.2	164.1	1.49	75.30
57.0-58.0	34.3	3.2	167.3	1.46	76.76
58.0-59.0	33.1	3.1	170.4	1.42	78.18
59.0-60.0	31.9	3.0	173.4	1.38	79.56
60.0-61.0	30.6	2.9	176.3	1.34	80.90
61.0-62.0	29.4	2.8	179.2	1.30	82.20
62.0-63.0	28.2	2.7	181.9	1.26	83.46
63.0-64.0	27.0	2.6	184.6	1.21	84.67
64.0-65.0	25.8	2.5	187.1	1.17	85.84
65.0-66.0	24.5	2.4	189.6	1.12	86.97
66.0-67.0	23.3	2.3	191.9	1.08	88.04
67.0-68.0	22.1	2.2	194.1	1.03	89.07
68.0-69.0	20.9	2.1	196.3	0.98	90.04
69.0-70.0	19.7	2.0	198.3	0.93	90.97
70.0-71.0	18.5	1.9	200.2	0.88	91.85
71.0-72.0	17.3	1.8	202.0	0.82	92.67

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	16.1	1.7	203.7	0.77	93.44
73.0-74.0	14.9	1.6	205.3	0.72	94.16
74.0-75.0	13.8	1.5	206.7	0.67	94.83
75.0-76.0	12.6	1.3	208.0	0.61	95.44
76.0-77.0	11.5	1.2	209.3	0.56	96.01
77.0-78.0	10.4	1.1	210.4	0.51	96.51
78.0-79.0	9.3	1.0	211.4	0.46	96.97
79.0-80.0	8.2	0.9	212.3	0.41	97.38
80.0-81.0	7.2	0.8	213.0	0.36	97.73
81.0-82.0	6.1	0.7	213.7	0.31	98.04
82.0-83.0	5.1	0.6	214.3	0.26	98.29
83.0-84.0	4.2	0.5	214.7	0.21	98.50
84.0-85.0	3.2	0.4	215.1	0.16	98.66
85.0-86.0	2.3	0.3	215.3	0.12	98.78
86.0-87.0	1.5	0.2	215.5	0.08	98.86
87.0-88.0	0.8	0.1	215.6	0.04	98.90
88.0-89.0	0.3	0.0	215.6	0.02	98.91
89.0-90.0	0.2	0.0	215.6	0.01	98.92
90.0-91.0	0.1	0.0	215.6	0.01	98.93
91.0-92.0	0.1	0.0	215.7	0.01	98.93
92.0-93.0	0.1	0.0	215.7	0.01	98.94
93.0-94.0	0.1	0.0	215.7	0.01	98.95
94.0-95.0	0.2	0.0	215.7	0.01	98.96
95.0-96.0	0.2	0.0	215.7	0.01	98.96
96.0-97.0	0.2	0.0	215.7	0.01	98.97
97.0-98.0	0.2	0.0	215.8	0.01	98.98
98.0-99.0	0.2	0.0	215.8	0.01	98.99
99.0-100.0	0.2	0.0	215.8	0.01	99.00
100.0-101.0	0.2	0.0	215.8	0.01	99.01
101.0-102.0	0.2	0.0	215.8	0.01	99.02
102.0-103.0	0.2	0.0	215.9	0.01	99.03
103.0-104.0	0.2	0.0	215.9	0.01	99.04
104.0-105.0	0.2	0.0	215.9	0.01	99.05
105.0-106.0	0.2	0.0	215.9	0.01	99.06
106.0-107.0	0.2	0.0	216.0	0.01	99.07
107.0-108.0	0.2	0.0	216.0	0.01	99.08

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	0.3	0.0	216.0	0.01	99.09
109.0-110.0	0.3	0.0	216.0	0.01	99.11
110.0-111.0	0.3	0.0	216.1	0.01	99.12
111.0-112.0	0.3	0.0	216.1	0.01	99.13
112.0-113.0	0.3	0.0	216.1	0.01	99.14
113.0-114.0	0.3	0.0	216.1	0.01	99.16
114.0-115.0	0.3	0.0	216.2	0.01	99.17
115.0-116.0	0.3	0.0	216.2	0.01	99.19
116.0-117.0	0.3	0.0	216.2	0.01	99.20
117.0-118.0	0.3	0.0	216.3	0.01	99.22
118.0-119.0	0.3	0.0	216.3	0.01	99.23
119.0-120.0	0.3	0.0	216.3	0.02	99.25
120.0-121.0	0.4	0.0	216.4	0.02	99.26
121.0-122.0	0.4	0.0	216.4	0.02	99.28
122.0-123.0	0.4	0.0	216.4	0.02	99.29
123.0-124.0	0.4	0.0	216.5	0.02	99.31
124.0-125.0	0.4	0.0	216.5	0.02	99.32
125.0-126.0	0.4	0.0	216.5	0.02	99.34
126.0-127.0	0.4	0.0	216.6	0.02	99.36
127.0-128.0	0.4	0.0	216.6	0.02	99.37
128.0-129.0	0.4	0.0	216.7	0.02	99.39
129.0-130.0	0.4	0.0	216.7	0.02	99.41
130.0-131.0	0.4	0.0	216.7	0.02	99.42
131.0-132.0	0.5	0.0	216.8	0.02	99.44
132.0-133.0	0.5	0.0	216.8	0.02	99.46
133.0-134.0	0.5	0.0	216.8	0.02	99.48
134.0-135.0	0.5	0.0	216.9	0.02	99.49
135.0-136.0	0.5	0.0	216.9	0.02	99.51
136.0-137.0	0.5	0.0	217.0	0.02	99.53
137.0-138.0	0.5	0.0	217.0	0.02	99.55
138.0-139.0	0.5	0.0	217.0	0.02	99.56
139.0-140.0	0.5	0.0	217.1	0.02	99.58
140.0-141.0	0.5	0.0	217.1	0.02	99.60
141.0-142.0	0.5	0.0	217.1	0.02	99.61
142.0-143.0	0.5	0.0	217.2	0.02	99.63
143.0-144.0	0.5	0.0	217.2	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	0.6	0.0	217.2	0.02	99.66
145.0-146.0	0.6	0.0	217.3	0.02	99.68
146.0-147.0	0.6	0.0	217.3	0.02	99.70
147.0-148.0	0.6	0.0	217.4	0.02	99.71
148.0-149.0	0.6	0.0	217.4	0.02	99.73
149.0-150.0	0.6	0.0	217.4	0.02	99.74
150.0-151.0	0.6	0.0	217.5	0.02	99.76
151.0-152.0	0.6	0.0	217.5	0.01	99.77
152.0-153.0	0.6	0.0	217.5	0.01	99.79
153.0-154.0	0.6	0.0	217.5	0.01	99.80
154.0-155.0	0.6	0.0	217.6	0.01	99.82
155.0-156.0	0.6	0.0	217.6	0.01	99.83
156.0-157.0	0.7	0.0	217.6	0.01	99.84
157.0-158.0	0.7	0.0	217.7	0.01	99.86
158.0-159.0	0.7	0.0	217.7	0.01	99.87
159.0-160.0	0.7	0.0	217.7	0.01	99.88
160.0-161.0	0.7	0.0	217.7	0.01	99.89
161.0-162.0	0.7	0.0	217.8	0.01	99.90
162.0-163.0	0.7	0.0	217.8	0.01	99.91
163.0-164.0	0.7	0.0	217.8	0.01	99.92
164.0-165.0	0.7	0.0	217.8	0.01	99.93
165.0-166.0	0.7	0.0	217.8	0.01	99.94
166.0-167.0	0.7	0.0	217.9	0.01	99.95
167.0-168.0	0.7	0.0	217.9	0.01	99.95
168.0-169.0	0.7	0.0	217.9	0.01	99.96
169.0-170.0	0.7	0.0	217.9	0.01	99.97
170.0-171.0	0.7	0.0	217.9	0.01	99.97
171.0-172.0	0.7	0.0	217.9	0.01	99.98
172.0-173.0	0.7	0.0	217.9	0.00	99.98
173.0-174.0	0.7	0.0	218.0	0.00	99.99
174.0-175.0	0.7	0.0	218.0	0.00	99.99
175.0-176.0	0.7	0.0	218.0	0.00	99.99
176.0-177.0	0.7	0.0	218.0	0.00	100.00
177.0-178.0	0.7	0.0	218.0	0.00	100.00
178.0-179.0	0.7	0.0	218.0	0.00	100.00
179.0-180.0	0.7	0.0	218.0	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: