GENLED Brands
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Fax:

Report No.: **Test Time: 2023/3/1 17:02**

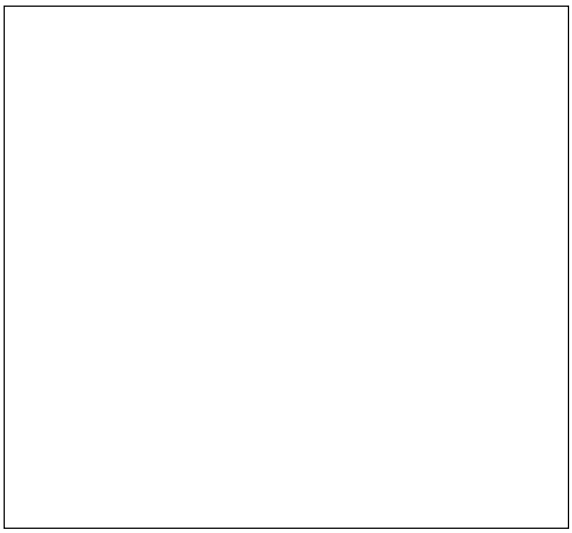
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: WALL WASHER RGBW4000K
Luminaire Description: Deco Linear Floodlight+ALL On
Luminous Length (mm): 330 **Luminous Width (mm): 125**
Luminous Height (mm): 94 **Voltage: 119.5 V**
Current: 0.272 A **Power: 32.23 W**
Power Factor: 0.990

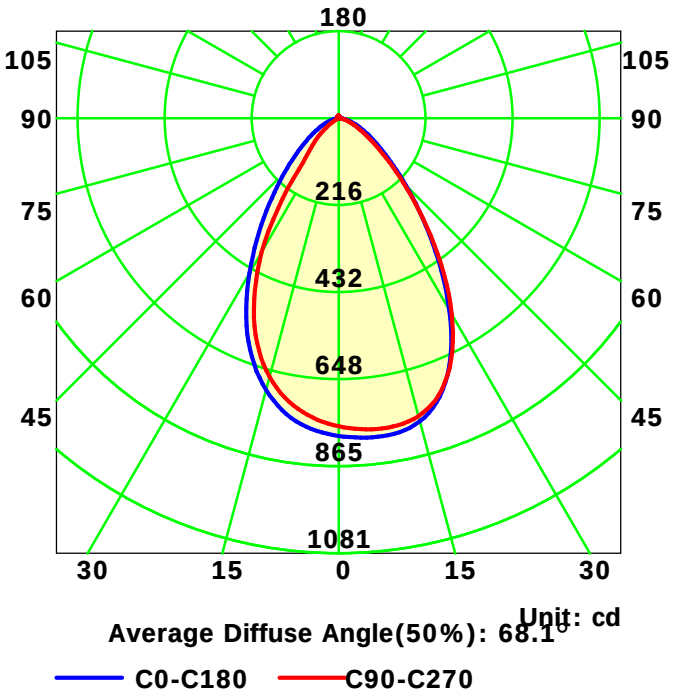
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 1079.2 lm**
Measurement Flux: 1079.2 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H119.7,H68.9
Vertical Diffuse Angle(10%,50%): V105.1,V67.3
Luminaire Efficacy Rating (LER): 33 **Central Intensity: 789.62 cd**
Max. Intensity: 818.83 cd **Pos of Max. Intensity: H30 V14**

Picture Of Luminaire

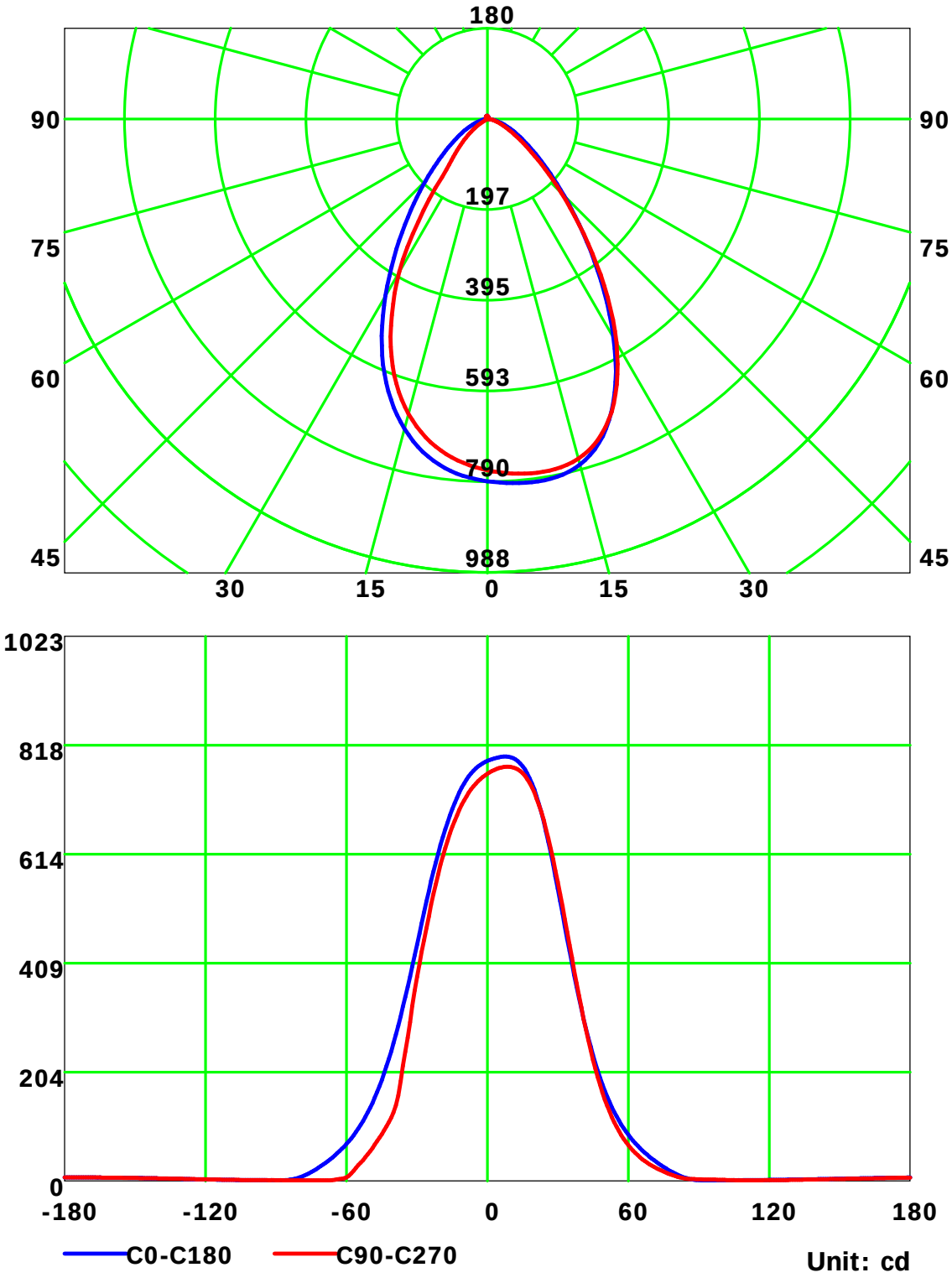


Luminous Intensity Distribution Curve



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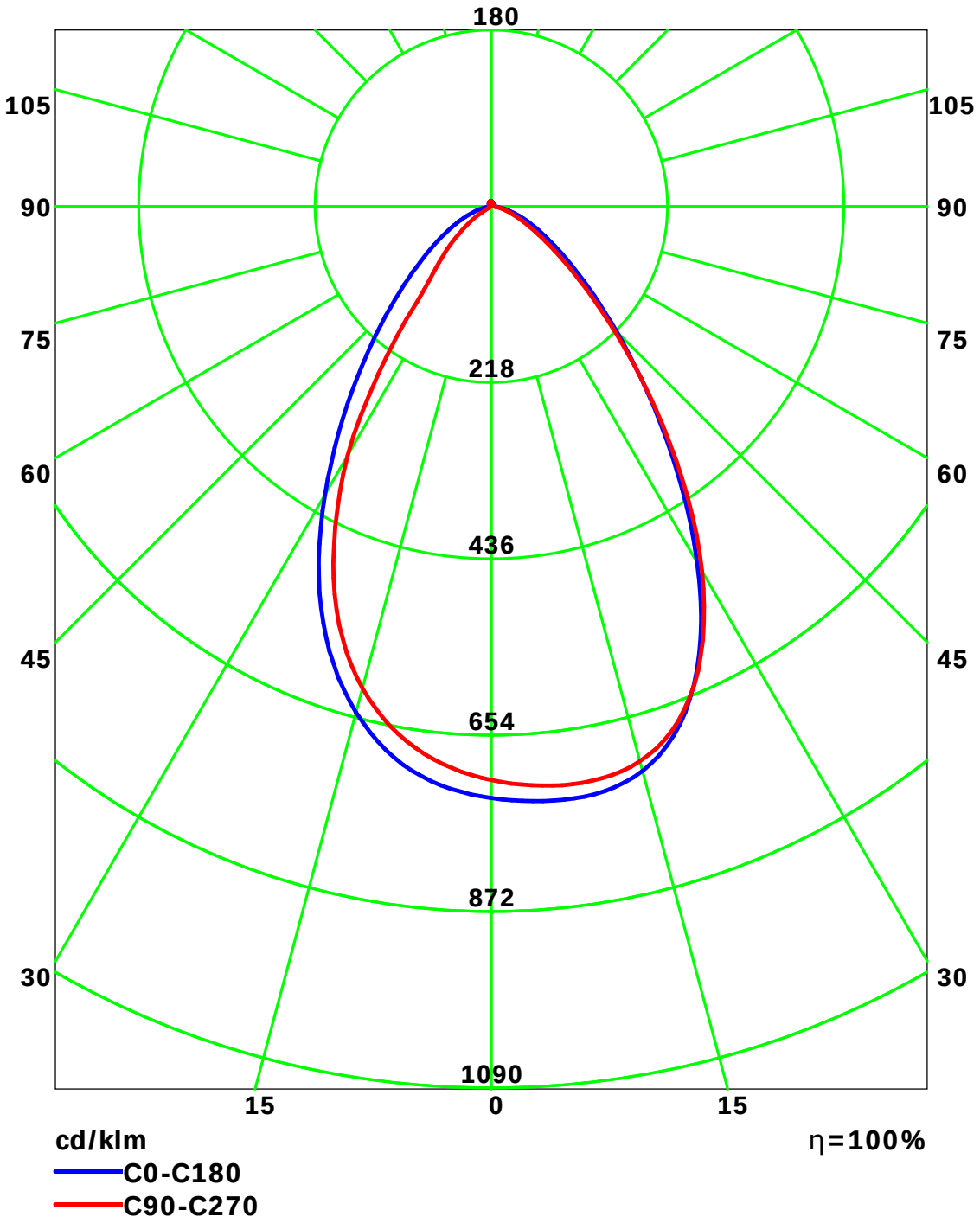
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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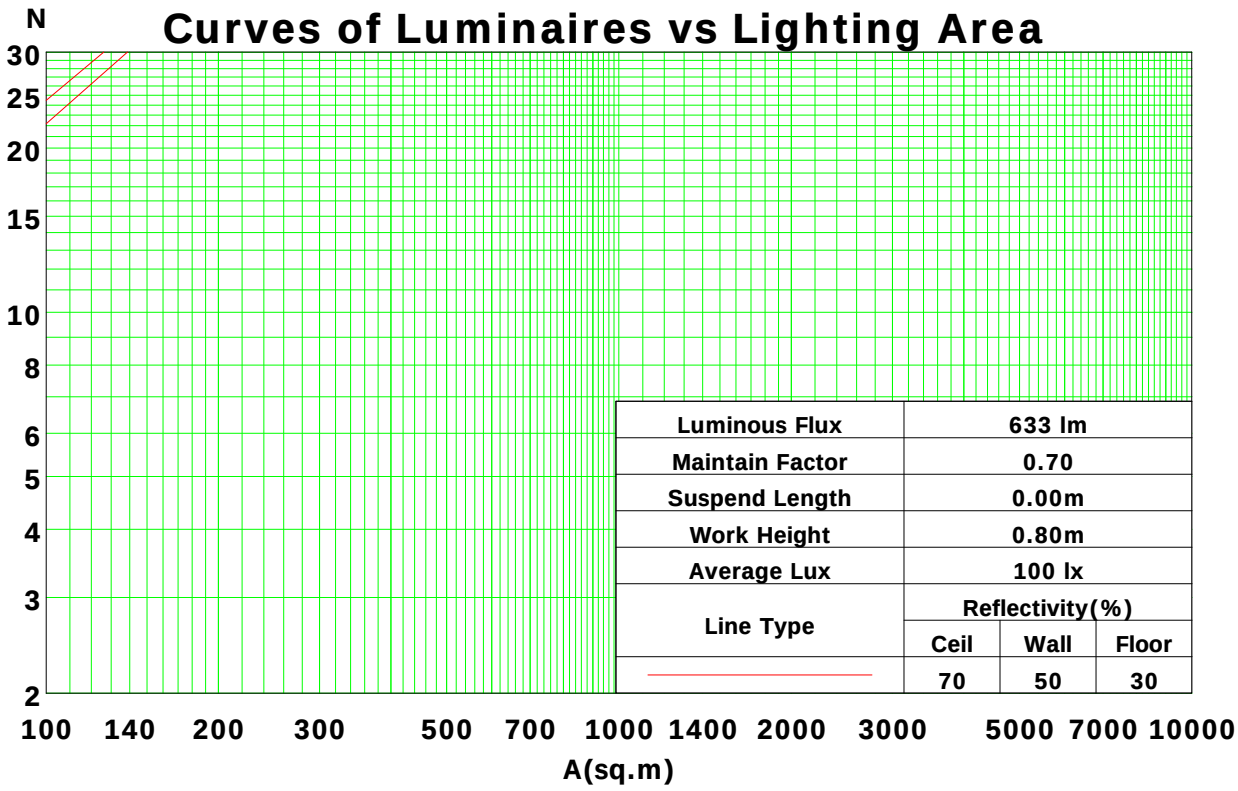
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	100	100	100	98
1	111	108	105	102	109	106	103	100	101	99	97	97	95	94	93	92	91	89
2	104	98	93	89	102	96	92	88	93	89	86	89	86	83	86	84	81	79
3	98	90	83	79	95	88	82	78	85	80	76	82	78	75	80	76	73	71
4	91	82	75	70	89	81	74	70	78	73	68	76	71	67	74	70	66	65
5	85	75	68	63	84	74	68	63	72	66	62	70	65	61	68	64	60	59
6	80	70	62	57	78	69	62	57	67	61	56	65	60	56	63	59	55	53
7	75	64	57	52	74	64	57	52	62	56	52	61	55	51	59	54	51	49
8	71	60	53	48	70	59	52	48	58	52	47	56	51	47	55	50	47	45
9	67	56	49	44	66	55	49	44	54	48	44	53	47	44	52	47	43	42
10	63	52	45	41	62	52	45	41	51	45	41	50	44	40	49	44	40	39

Spacing Criteria (0-180): 1.02
Spacing Criteria (90-270): 1.02
Spacing Criteria (Diagonal): 1.01

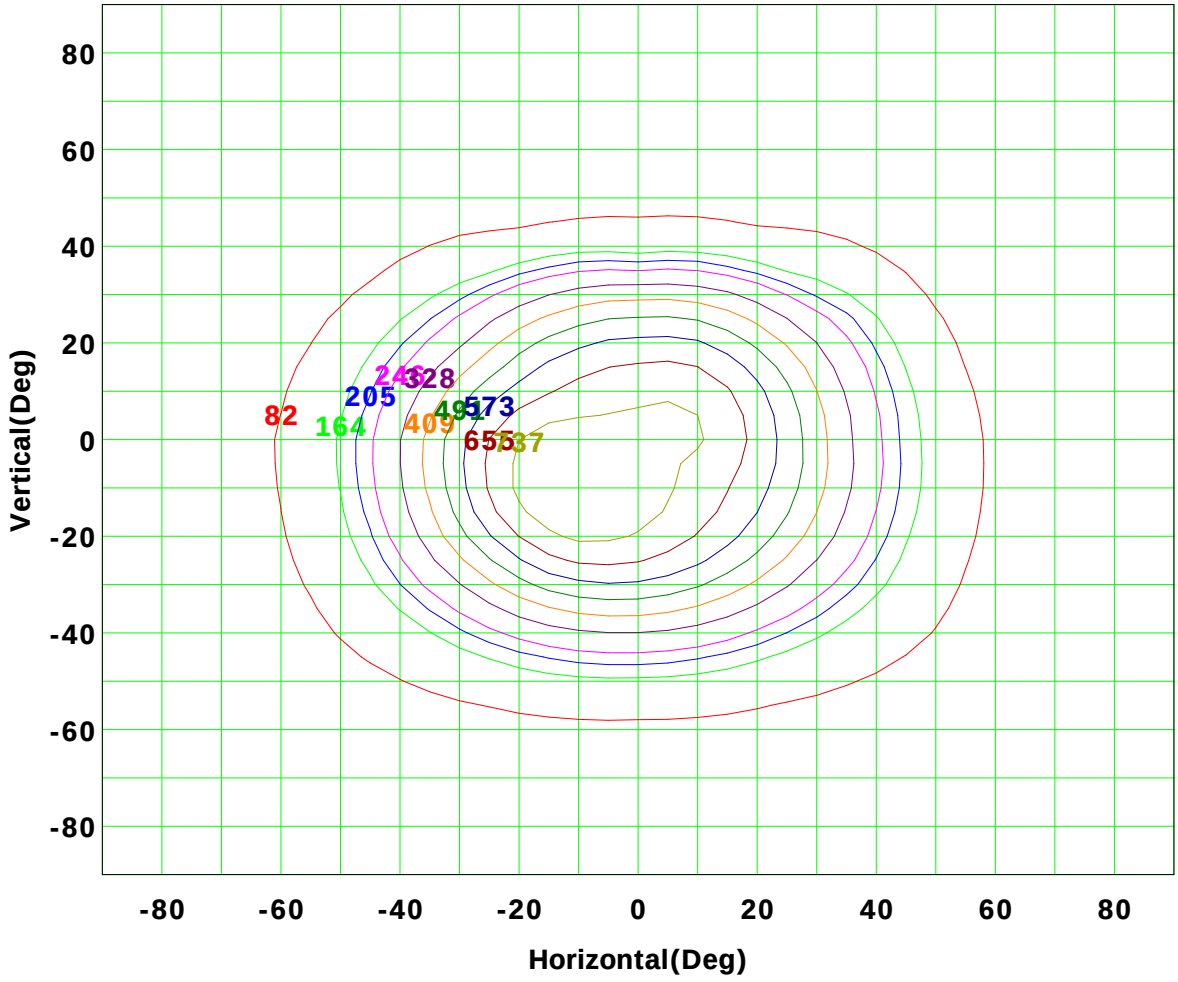
Curves of Luminaires vs Lighting Area



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)



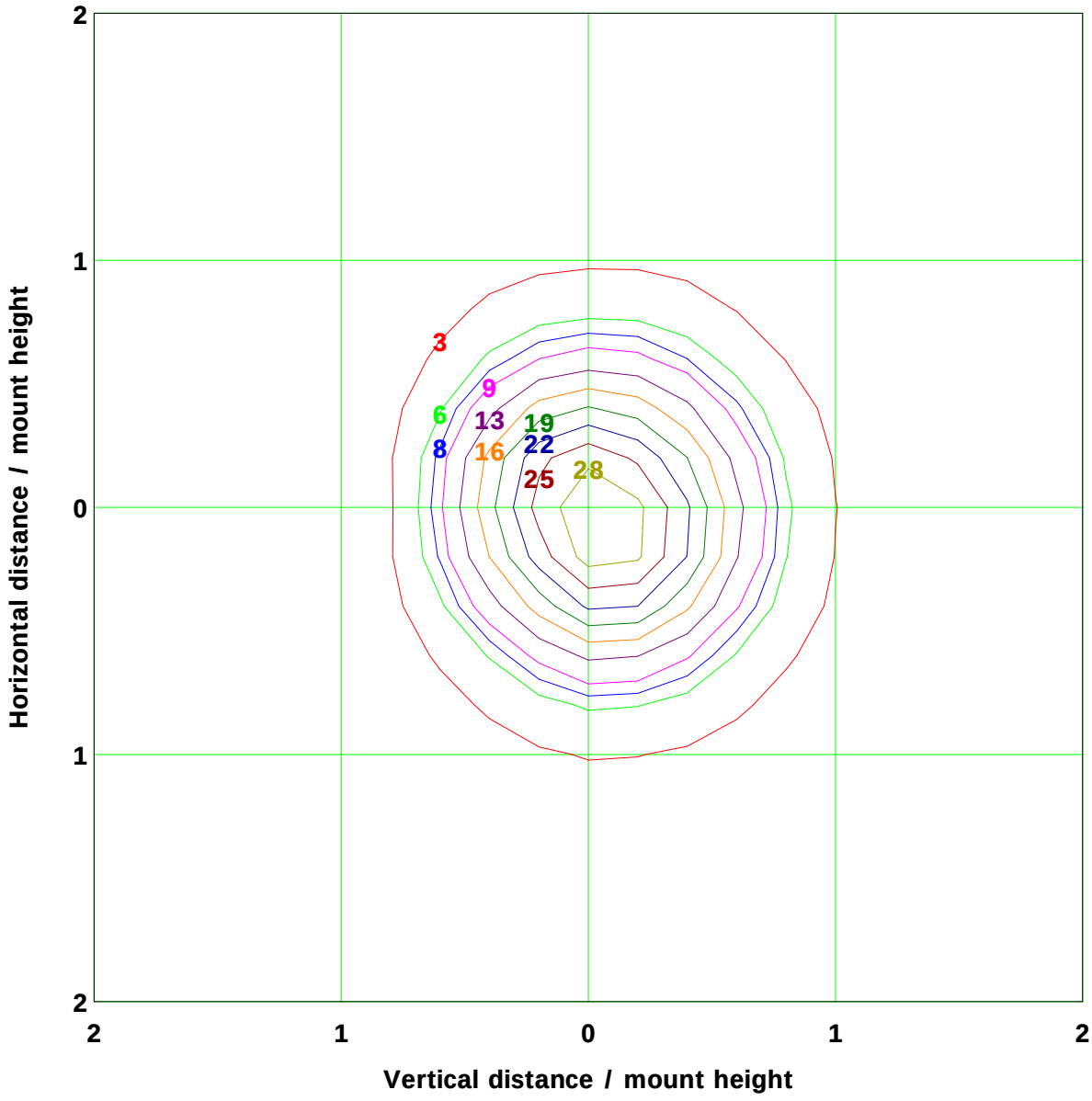
Imax (100%): 819 cd

(10%): 82 cd	(20%): 164 cd
(25%): 205 cd	(30%): 246 cd
(40%): 328 cd	(50%): 409 cd
(60%): 491 cd	(70%): 573 cd
(80%): 655 cd	(90%): 737 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%): 31.7 lx

(10%): 3.2 lx	(20%): 6.3 lx
(25%): 7.9 lx	(30%): 9.5 lx
(40%): 12.7 lx	(50%): 15.8 lx
(60%): 19.0 lx	(70%): 22.2 lx
(80%): 25.3 lx	(90%): 28.5 lx

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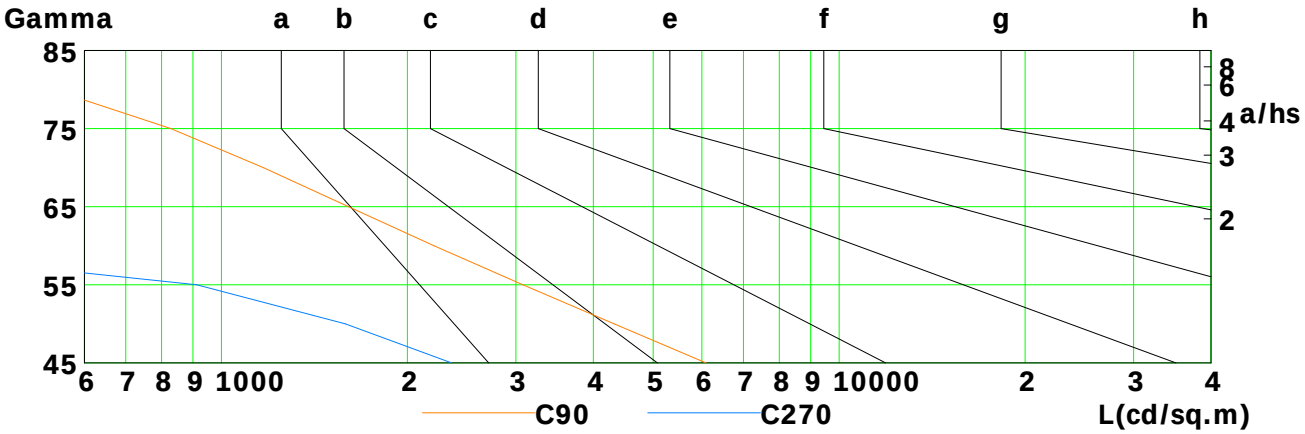
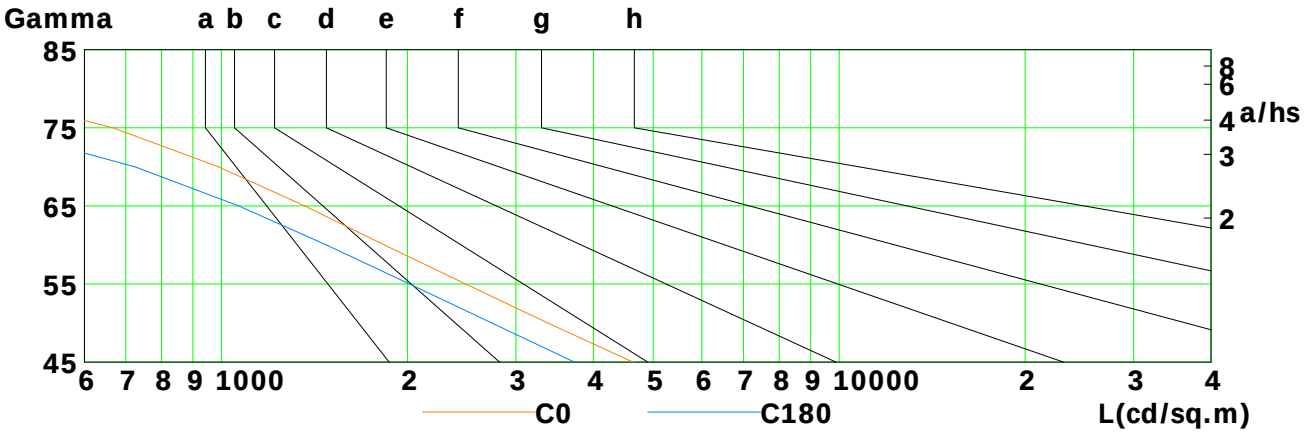
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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



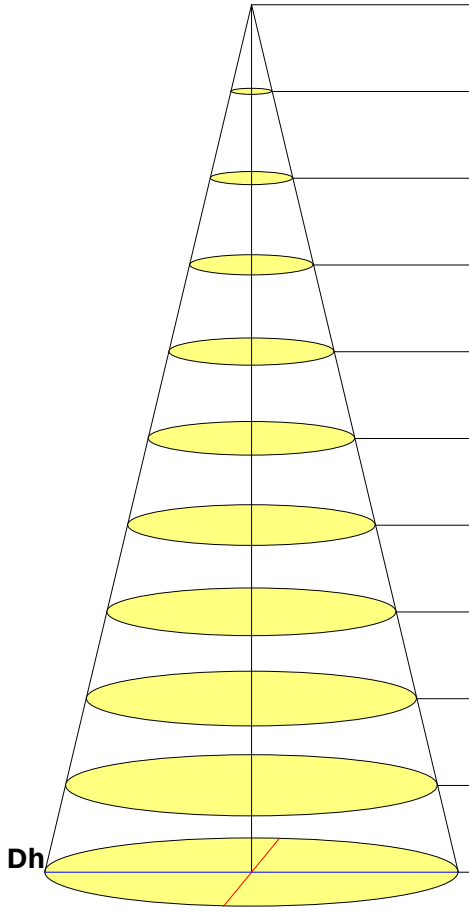


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4639	3380	2487	1837	1364	989	667	381	162
C90	6090	4326	3076	2208	1607	1169	829	533	300
C180	3729	2743	2018	1480	1067	725	425	194	73
C270	2359	1588	912	234	93	71	86	100	126

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



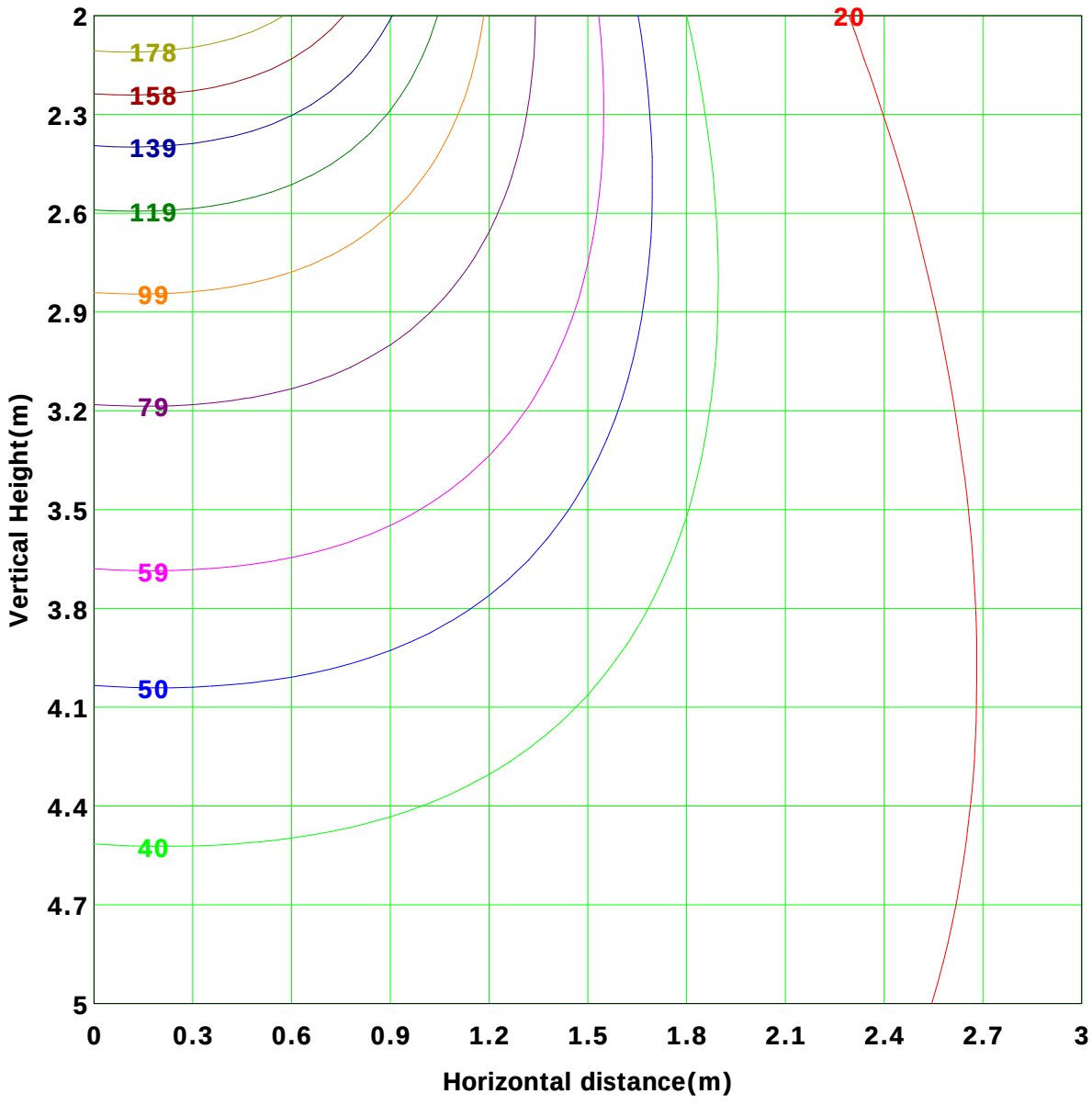
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	789.62	1.37/1.33	1.5	255.68
2.0	197.40	2.75/2.66	5.9	63.92
3.0	87.74	4.12/3.99	13.3	28.41
4.0	49.35	5.49/5.33	23.6	15.98
5.0	31.58	6.87/6.66	36.9	10.23
6.0	21.93	8.24/7.99	53.1	7.10
7.0	16.11	9.61/9.32	72.2	5.22
8.0	12.34	10.98/10.65	94.4	3.99
9.0	9.75	12.36/11.98	119.4	3.16
10.0	7.90	13.73/13.31	147.4	2.56

Beam Angle(B): H68.9 V67.3 Field Angle(F): H119.7 V105.1

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: 198.0 lx

(10%): 19.8 lx
(20%): 39.6 lx
(25%): 49.5 lx
(30%): 59.4 lx
(40%): 79.2 lx
(50%): 99.0 lx
(60%): 118.8 lx
(70%): 138.6 lx
(80%): 158.4 lx
(90%): 178.2 lx

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:

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
-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	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-70	0.0	5.5	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0
-60	6.7	14.4	0.1	0.2	0.4	0.6	1.2	0.9	1.2	1.5	1.7	1.8	1.7	1.5	1.1	0.8	0.5	0.2	0.1	0.0	0.0
-50	26.3	31.5	0.1	0.3	0.6	1.1	2.6	1.8	2.6	3.4	4.0	4.2	4.1	3.6	2.7	1.7	0.9	0.4	0.1	0.1	0.0
-40	55.7	60.4	0.1	0.4	0.8	1.6	4.6	2.9	4.6	6.6	8.1	8.7	8.5	7.3	5.4	3.1	1.5	0.5	0.2	0.1	0.0
-30	94.2	98.9	0.1	0.4	1.1	2.2	7.4	4.2	7.4	11.0	13.6	14.9	14.7	12.7	9.0	4.6	2.0	0.7	0.1	0.1	0.1
-20	131.4	136.2	0.2	0.5	1.3	2.8	10.5	5.7	10.5	15.6	18.6	19.9	20.1	17.8	13.0	6.6	2.5	0.9	0.1	0.1	0.1
-10	153.5	158.1	0.2	0.6	1.4	3.1	12.9	6.8	12.9	18.9	22.0	22.8	22.7	20.1	15.0	7.6	2.8	1.0	0.1	0.1	0.1
0	157.7	162.3	0.2	0.6	1.4	3.2	13.5	7.0	13.5	20.2	23.8	24.2	22.5	19.6	14.7	7.5	2.8	1.0	0.1	0.1	0.1
10	143.0	147.7	0.2	0.5	1.3	2.9	11.8	6.2	11.8	18.4	22.6	23.3	20.9	17.2	12.4	6.4	2.4	0.9	0.1	0.1	0.1
20	106.5	111.4	0.1	0.5	1.1	2.4	8.5	4.7	8.5	13.3	17.2	18.3	16.5	12.6	8.7	4.5	2.0	0.7	0.1	0.1	0.1
30	63.4	68.3	0.1	0.4	0.9	1.7	5.3	3.1	5.3	7.9	10.0	10.9	10.0	7.7	5.1	2.9	1.4	0.6	0.2	0.1	0.0
40	30.0	35.3	0.1	0.3	0.6	1.2	2.9	1.9	2.9	3.9	4.8	5.2	4.9	3.9	2.7	1.6	0.8	0.4	0.1	0.1	0.0
50	10.0	16.3	0.1	0.2	0.4	0.7	1.4	1.0	1.4	1.7	2.0	2.2	2.1	1.7	1.2	0.8	0.5	0.2	0.1	0.0	0.0
60	0.2	6.8	0.0	0.1	0.2	0.3	0.6	0.4	0.6	0.7	0.8	0.8	0.8	0.7	0.5	0.4	0.3	0.1	0.1	0.0	0.0
70	0.0	2.1	0.0	0.0	0.1	0.1	0.2	0.1	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
80	0.0	0.3	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		1057	1.7	5.0	11.7	24.2	47.3	83.9	123.9	150.2	158.3	156.3	148.2	124.7	89.1	44.7	9.0	0.0	0.0	0.0	0.0
Flux(E)	978	Flux(T)	0.0	0.0	0.0	0.1	0.2	0.9	0.8	1.5	1.7	1.7	1.4	1.3	0.9	0.5	0.2	0.0	0.0	0.0	0.0

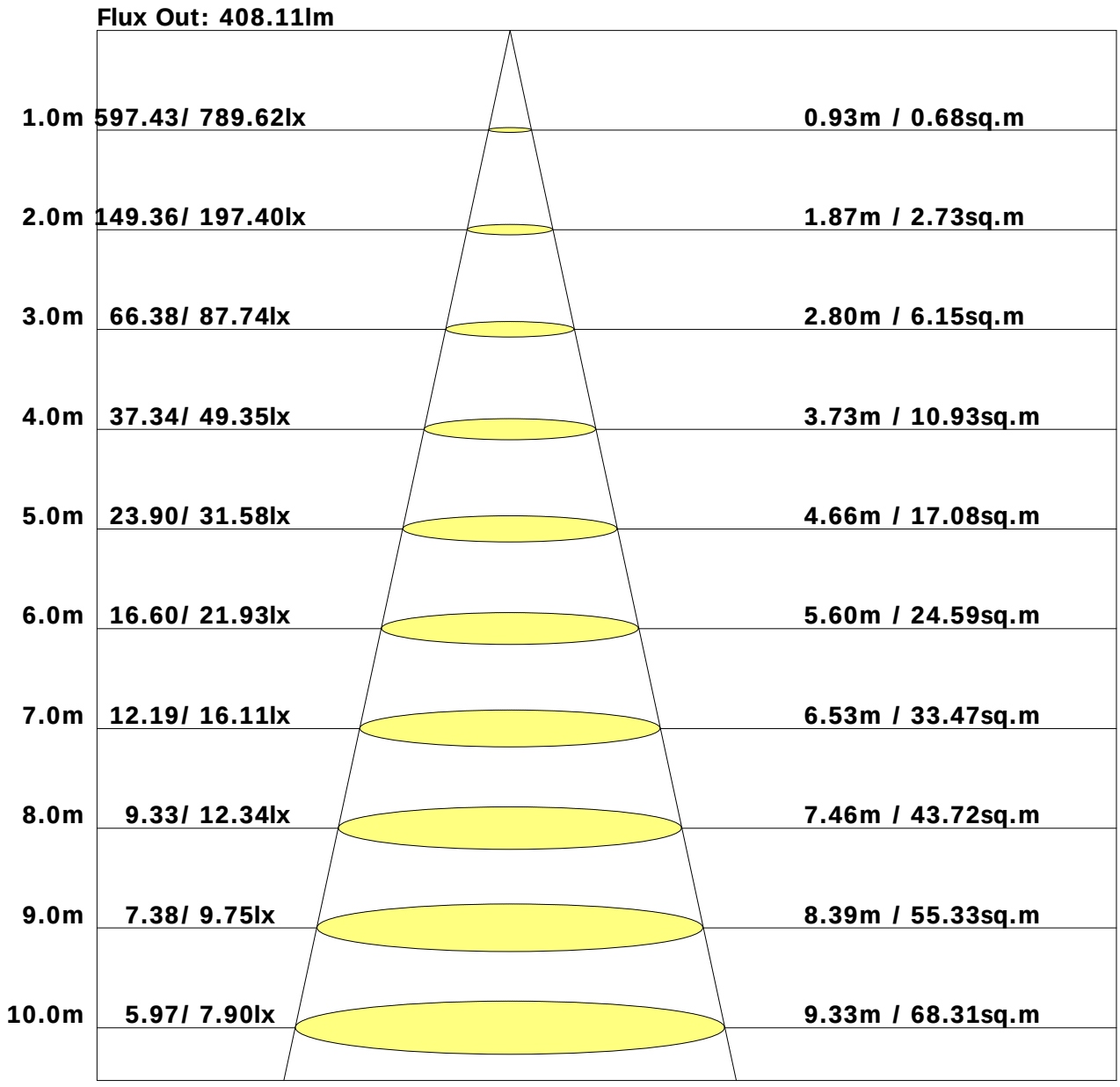
Horizontal plane

-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 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
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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	12.7	13.9	13.1	14.3	14.7	11.6	12.8	12.0	13.2	13.6
3H	13.7	14.7	14.1	15.1	15.5	12.2	13.3	12.6	13.6	14.0
4H	13.9	14.9	14.4	15.3	15.7	12.3	13.3	12.7	13.7	14.1
6H	14.1	15.0	14.5	15.4	15.8	12.3	13.2	12.8	13.7	14.1
8H	14.1	14.9	14.5	15.4	15.8	12.3	13.2	12.8	13.6	14.1
12H	14.1	14.9	14.5	15.3	15.8	12.3	13.1	12.8	13.5	14.0
X=4H Y=2H	12.7	13.7	13.2	14.1	14.5	11.9	12.9	12.4	13.3	13.8
3H	13.7	14.6	14.2	15.0	15.5	12.6	13.4	13.1	13.9	14.3
4H	14.1	14.8	14.5	15.2	15.7	12.8	13.5	13.2	14.0	14.4
6H	14.2	14.9	14.7	15.4	15.9	12.8	13.5	13.3	13.9	14.5
8H	14.3	14.8	14.8	15.3	15.9	12.8	13.4	13.3	13.9	14.4
12H	14.3	14.8	14.8	15.3	15.8	12.8	13.3	13.3	13.8	14.3
X=8H Y=4H	14.0	14.6	14.5	15.0	15.6	12.8	13.4	13.3	13.9	14.4
6H	14.2	14.6	14.7	15.2	15.7	12.9	13.4	13.5	13.9	14.5
8H	14.2	14.6	14.8	15.2	15.7	12.9	13.3	13.5	13.9	14.4
12H	14.2	14.6	14.8	15.1	15.7	12.9	13.3	13.5	13.8	14.4
X=12H Y=4H	13.9	14.4	14.5	15.0	15.5	12.8	13.3	13.3	13.8	14.3
6H	14.1	14.6	14.7	15.1	15.6	12.9	13.3	13.5	13.8	14.4
8H	14.2	14.5	14.7	15.1	15.7	12.9	13.3	13.5	13.8	14.4

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
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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 = 1.00					
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	0.73	0.82	0.87	0.91	0.97	1.00	1.03	1.06	1.08
	0.30		0.67	0.76	0.82	0.86	0.92	0.96	0.99	1.03	1.05
	0.20		0.63	0.72	0.78	0.82	0.89	0.93	0.96	1.00	1.03
0.50	0.50	0.20	0.71	0.80	0.85	0.89	0.93	0.97	0.99	1.01	1.03
	0.30		0.66	0.75	0.80	0.84	0.90	0.93	0.96	0.99	1.01
	0.20		0.62	0.71	0.77	0.81	0.87	0.91	0.93	0.97	0.99
0.30	0.50	0.20	0.70	0.78	0.83	0.86	0.90	0.93	0.95	0.98	0.99
	0.30		0.65	0.74	0.79	0.82	0.87	0.91	0.93	0.96	0.98
	0.20		0.62	0.70	0.76	0.80	0.85	0.88	0.91	0.94	0.96
0.00	0.00	0.00	0.60	0.68	0.73	0.77	0.81	0.84	0.87	0.89	0.91

Rating:32W 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
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Test Type: TYPE C
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Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00								
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	0.74	0.60	0.50	0.43	0.34	0.28	0.24	0.18	0.15
	0.30		0.62	0.51	0.44	0.38	0.31	0.26	0.22	0.17	0.14
	0.20		0.53	0.45	0.39	0.34	0.28	0.24	0.20	0.16	0.13
0.50	0.50	0.20	0.71	0.56	0.47	0.40	0.32	0.30	0.22	0.17	0.14
	0.30		0.60	0.49	0.42	0.36	0.29	0.24	0.21	0.16	0.13
	0.20		0.52	0.43	0.37	0.33	0.27	0.22	0.19	0.15	0.13
0.30	0.50	0.20	0.68	0.54	0.45	0.38	0.30	0.24	0.20	0.16	0.13
	0.30		0.58	0.47	0.40	0.35	0.27	0.23	0.19	0.15	0.12
	0.20		0.51	0.42	0.36	0.32	0.25	0.21	0.18	0.14	0.12
0.00	0.00	0.00	0.38	0.31	0.25	0.22	0.17	0.14	0.12	0.09	0.07

Rating:32W 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 = 1.00								
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	0.16	0.18	0.19	0.19	0.20	0.21	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.18
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Rating:32W 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	771.5	0.7	0.7	0.07	0.07
1.0-2.0	771.2	2.2	3.0	0.21	0.27
2.0-3.0	770.6	3.7	6.6	0.34	0.62
3.0-4.0	769.7	5.2	11.8	0.48	1.09
4.0-5.0	768.5	6.6	18.4	0.61	1.71
5.0-6.0	766.9	8.1	26.5	0.75	2.45
6.0-7.0	764.9	9.5	36.0	0.88	3.33
7.0-8.0	762.5	10.9	46.9	1.01	4.34
8.0-9.0	759.5	12.3	59.2	1.14	5.48
9.0-10.0	756.0	13.7	72.9	1.27	6.75
10.0-11.0	751.8	15.0	87.9	1.39	8.14
11.0-12.0	746.9	16.3	104.2	1.51	9.66
12.0-13.0	741.3	17.6	121.8	1.63	11.29
13.0-14.0	734.9	18.8	140.6	1.74	13.03
14.0-15.0	727.7	20.0	160.6	1.85	14.88
15.0-16.0	719.6	21.1	181.7	1.95	16.84
16.0-17.0	710.6	22.1	203.8	2.05	18.89
17.0-18.0	700.5	23.1	226.9	2.14	21.03
18.0-19.0	689.3	24.0	250.9	2.22	23.25
19.0-20.0	677.1	24.8	275.7	2.30	25.55
20.0-21.0	663.8	25.5	301.2	2.36	27.91
21.0-22.0	649.2	26.1	327.3	2.42	30.33
22.0-23.0	633.7	26.6	353.9	2.46	32.79
23.0-24.0	617.0	27.0	380.9	2.50	35.29
24.0-25.0	599.1	27.2	408.1	2.52	37.82
25.0-26.0	580.3	27.4	435.5	2.54	40.35
26.0-27.0	560.6	27.4	462.9	2.54	42.90
27.0-28.0	540.1	27.3	490.3	2.53	45.43
28.0-29.0	519.0	27.2	517.4	2.52	47.95
29.0-30.0	497.2	26.8	544.3	2.49	50.43
30.0-31.0	475.0	26.4	570.7	2.45	52.88
31.0-32.0	452.4	25.9	596.6	2.40	55.28
32.0-33.0	429.6	25.3	622.0	2.35	57.63
33.0-34.0	406.7	24.6	646.6	2.28	59.91
34.0-35.0	384.0	23.8	670.4	2.21	62.12
35.0-36.0	361.5	23.0	693.4	2.13	64.25

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	338.9	22.1	715.5	2.05	66.30
37.0-38.0	316.7	21.1	736.7	1.96	68.26
38.0-39.0	295.7	20.2	756.9	1.87	70.13
39.0-40.0	275.8	19.2	776.1	1.78	71.91
40.0-41.0	256.8	18.3	794.4	1.69	73.61
41.0-42.0	238.9	17.4	811.8	1.61	75.22
42.0-43.0	222.2	16.5	828.2	1.53	76.74
43.0-44.0	206.8	15.6	843.8	1.45	78.19
44.0-45.0	192.7	14.8	858.6	1.37	79.56
45.0-46.0	179.5	14.0	872.7	1.30	80.86
46.0-47.0	167.1	13.3	886.0	1.23	82.09
47.0-48.0	155.4	12.6	898.5	1.16	83.26
48.0-49.0	144.4	11.9	910.4	1.10	84.36
49.0-50.0	134.0	11.2	921.6	1.04	85.39
50.0-51.0	124.1	10.5	932.1	0.97	86.37
51.0-52.0	114.9	9.9	941.9	0.91	87.28
52.0-53.0	106.2	9.2	951.2	0.86	88.14
53.0-54.0	98.0	8.6	959.8	0.80	88.94
54.0-55.0	90.3	8.1	967.9	0.75	89.68
55.0-56.0	83.1	7.5	975.4	0.70	90.38
56.0-57.0	76.3	7.0	982.4	0.65	91.03
57.0-58.0	70.0	6.5	988.9	0.60	91.63
58.0-59.0	64.3	6.0	994.9	0.56	92.18
59.0-60.0	59.0	5.6	1000.4	0.52	92.70
60.0-61.0	54.0	5.2	1005.6	0.48	93.18
61.0-62.0	49.6	4.8	1010.4	0.44	93.62
62.0-63.0	45.4	4.4	1014.8	0.41	94.03
63.0-64.0	41.6	4.1	1018.9	0.38	94.41
64.0-65.0	38.3	3.8	1022.6	0.35	94.76
65.0-66.0	35.1	3.5	1026.2	0.32	95.08
66.0-67.0	32.2	3.2	1029.4	0.30	95.38
67.0-68.0	29.5	3.0	1032.4	0.28	95.66
68.0-69.0	27.0	2.8	1035.1	0.26	95.92
69.0-70.0	24.6	2.5	1037.7	0.23	96.15
70.0-71.0	22.4	2.3	1040.0	0.21	96.36
71.0-72.0	20.2	2.1	1042.1	0.19	96.56

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	18.2	1.9	1044.0	0.18	96.74
73.0-74.0	16.3	1.7	1045.7	0.16	96.89
74.0-75.0	14.7	1.6	1047.3	0.14	97.04
75.0-76.0	13.1	1.4	1048.7	0.13	97.17
76.0-77.0	11.7	1.2	1049.9	0.12	97.28
77.0-78.0	10.3	1.1	1051.0	0.10	97.39
78.0-79.0	9.1	1.0	1052.0	0.09	97.48
79.0-80.0	7.9	0.9	1052.8	0.08	97.55
80.0-81.0	6.9	0.7	1053.6	0.07	97.62
81.0-82.0	6.0	0.6	1054.2	0.06	97.68
82.0-83.0	5.1	0.6	1054.8	0.05	97.74
83.0-84.0	4.4	0.5	1055.3	0.04	97.78
84.0-85.0	3.8	0.4	1055.7	0.04	97.82
85.0-86.0	3.4	0.4	1056.1	0.03	97.85
86.0-87.0	3.1	0.3	1056.4	0.03	97.88
87.0-88.0	2.9	0.3	1056.7	0.03	97.91
88.0-89.0	2.7	0.3	1057.0	0.03	97.94
89.0-90.0	2.6	0.3	1057.3	0.03	97.97
90.0-91.0	2.5	0.3	1057.6	0.03	97.99
91.0-92.0	2.5	0.3	1057.8	0.03	98.02
92.0-93.0	2.5	0.3	1058.1	0.02	98.04
93.0-94.0	2.4	0.3	1058.4	0.02	98.07
94.0-95.0	2.4	0.3	1058.6	0.02	98.09
95.0-96.0	2.4	0.3	1058.9	0.02	98.12
96.0-97.0	2.4	0.3	1059.2	0.02	98.14
97.0-98.0	2.4	0.3	1059.4	0.02	98.16
98.0-99.0	2.3	0.3	1059.7	0.02	98.19
99.0-100.0	2.3	0.2	1059.9	0.02	98.21
100.0-101.0	2.3	0.2	1060.2	0.02	98.23
101.0-102.0	2.3	0.2	1060.4	0.02	98.26
102.0-103.0	2.2	0.2	1060.6	0.02	98.28
103.0-104.0	2.2	0.2	1060.9	0.02	98.30
104.0-105.0	2.2	0.2	1061.1	0.02	98.32
105.0-106.0	2.2	0.2	1061.3	0.02	98.34
106.0-107.0	2.2	0.2	1061.6	0.02	98.36
107.0-108.0	2.3	0.2	1061.8	0.02	98.39

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	2.3	0.2	1062.1	0.02	98.41
109.0-110.0	2.4	0.2	1062.3	0.02	98.43
110.0-111.0	2.4	0.2	1062.5	0.02	98.45
111.0-112.0	2.4	0.2	1062.8	0.02	98.48
112.0-113.0	2.5	0.3	1063.0	0.02	98.50
113.0-114.0	2.5	0.3	1063.3	0.02	98.52
114.0-115.0	2.6	0.3	1063.6	0.02	98.55
115.0-116.0	2.6	0.3	1063.8	0.02	98.57
116.0-117.0	2.7	0.3	1064.1	0.02	98.60
117.0-118.0	2.8	0.3	1064.4	0.02	98.62
118.0-119.0	2.8	0.3	1064.6	0.03	98.65
119.0-120.0	2.9	0.3	1064.9	0.03	98.67
120.0-121.0	3.0	0.3	1065.2	0.03	98.70
121.0-122.0	3.0	0.3	1065.5	0.03	98.73
122.0-123.0	3.1	0.3	1065.8	0.03	98.75
123.0-124.0	3.2	0.3	1066.0	0.03	98.78
124.0-125.0	3.2	0.3	1066.3	0.03	98.81
125.0-126.0	3.3	0.3	1066.6	0.03	98.83
126.0-127.0	3.4	0.3	1066.9	0.03	98.86
127.0-128.0	3.5	0.3	1067.2	0.03	98.89
128.0-129.0	3.5	0.3	1067.5	0.03	98.92
129.0-130.0	3.6	0.3	1067.8	0.03	98.95
130.0-131.0	3.7	0.3	1068.2	0.03	98.97
131.0-132.0	3.8	0.3	1068.5	0.03	99.00
132.0-133.0	3.9	0.3	1068.8	0.03	99.03
133.0-134.0	4.0	0.3	1069.1	0.03	99.06
134.0-135.0	4.1	0.3	1069.4	0.03	99.09
135.0-136.0	4.2	0.3	1069.7	0.03	99.12
136.0-137.0	4.2	0.3	1070.1	0.03	99.15
137.0-138.0	4.3	0.3	1070.4	0.03	99.18
138.0-139.0	4.4	0.3	1070.7	0.03	99.21
139.0-140.0	4.5	0.3	1071.0	0.03	99.24
140.0-141.0	4.6	0.3	1071.3	0.03	99.27
141.0-142.0	4.7	0.3	1071.7	0.03	99.30
142.0-143.0	4.8	0.3	1072.0	0.03	99.33
143.0-144.0	4.8	0.3	1072.3	0.03	99.36

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	4.9	0.3	1072.6	0.03	99.39
145.0-146.0	5.0	0.3	1072.9	0.03	99.42
146.0-147.0	5.1	0.3	1073.2	0.03	99.44
147.0-148.0	5.2	0.3	1073.5	0.03	99.47
148.0-149.0	5.2	0.3	1073.8	0.03	99.50
149.0-150.0	5.3	0.3	1074.1	0.03	99.53
150.0-151.0	5.4	0.3	1074.4	0.03	99.55
151.0-152.0	5.5	0.3	1074.7	0.03	99.58
152.0-153.0	5.6	0.3	1075.0	0.03	99.61
153.0-154.0	5.6	0.3	1075.3	0.03	99.63
154.0-155.0	5.7	0.3	1075.5	0.02	99.66
155.0-156.0	5.8	0.3	1075.8	0.02	99.68
156.0-157.0	5.8	0.3	1076.0	0.02	99.70
157.0-158.0	5.9	0.2	1076.3	0.02	99.73
158.0-159.0	6.0	0.2	1076.5	0.02	99.75
159.0-160.0	6.1	0.2	1076.8	0.02	99.77
160.0-161.0	6.1	0.2	1077.0	0.02	99.79
161.0-162.0	6.2	0.2	1077.2	0.02	99.81
162.0-163.0	6.3	0.2	1077.4	0.02	99.83
163.0-164.0	6.3	0.2	1077.6	0.02	99.85
164.0-165.0	6.4	0.2	1077.8	0.02	99.87
165.0-166.0	6.5	0.2	1078.0	0.02	99.88
166.0-167.0	6.5	0.2	1078.1	0.02	99.90
167.0-168.0	6.6	0.2	1078.3	0.01	99.91
168.0-169.0	6.6	0.1	1078.4	0.01	99.93
169.0-170.0	6.7	0.1	1078.6	0.01	99.94
170.0-171.0	6.7	0.1	1078.7	0.01	99.95
171.0-172.0	6.8	0.1	1078.8	0.01	99.96
172.0-173.0	6.9	0.1	1078.9	0.01	99.97
173.0-174.0	6.9	0.1	1079.0	0.01	99.98
174.0-175.0	6.9	0.1	1079.1	0.01	99.98
175.0-176.0	7.0	0.1	1079.1	0.01	99.99
176.0-177.0	7.0	0.0	1079.2	0.00	99.99
177.0-178.0	7.0	0.0	1079.2	0.00	100.00
178.0-179.0	7.1	0.0	1079.2	0.00	100.00
179.0-180.0	7.1	0.0	1079.2	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: