ACOLYTE
www.GENLEDBrands.com/Acolyte
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Fax:Fax:(+86) 0755 2998 5

Report No.: **Test Time: 2019/7/31 21:37**

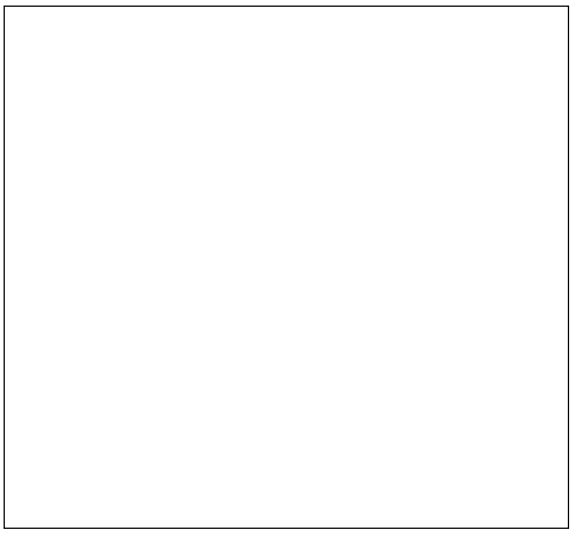
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: 3527 140LED 6.0W 2000K
Luminaire Description: 3527 140LED 6.0W 2000K
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 2 **Voltage: 24.0 V**
Current: 0.221 A **Power: 5.30 W**
Power Factor: 1.000

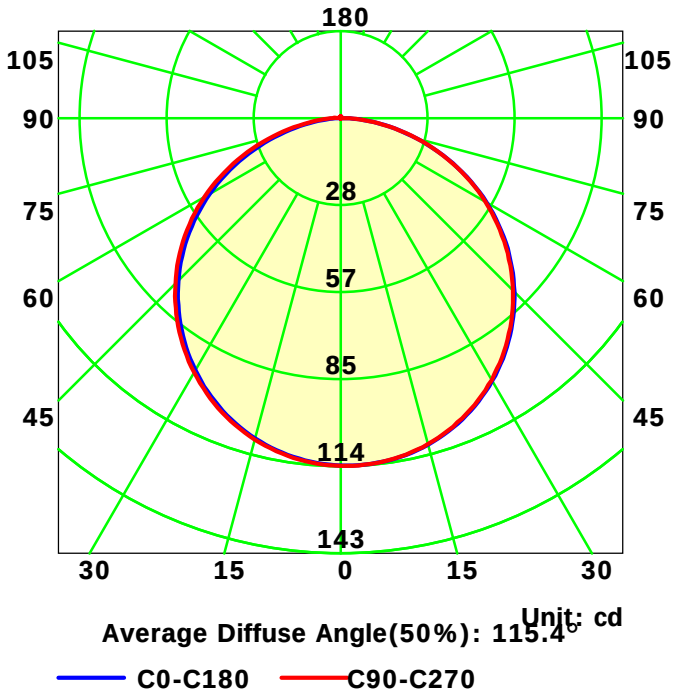
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 342.1 lm**
Measurement Flux: 342.1 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H163.1,H115
Vertical Diffuse Angle(10%,50%): V164.3,V115.8
Luminaire Efficacy Rating (LER): 65 **Central Intensity: 114.29 cd**
Max. Intensity: 114.59 cd **Pos of Max. Intensity: H120 V0**

Picture Of Luminaire

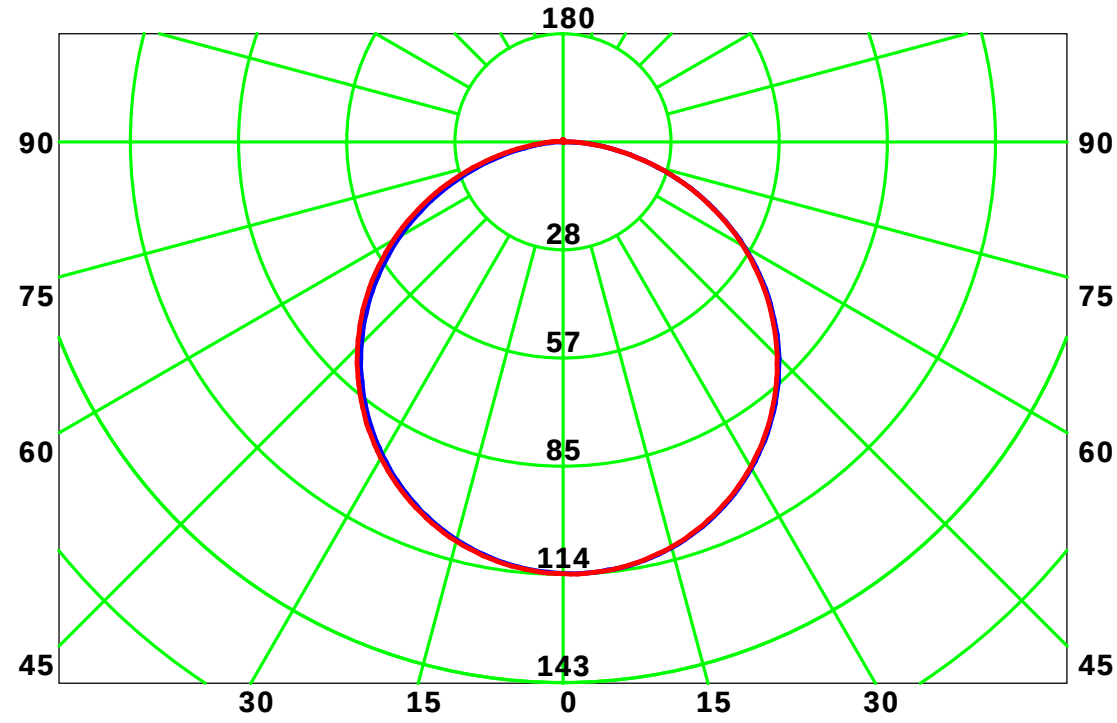


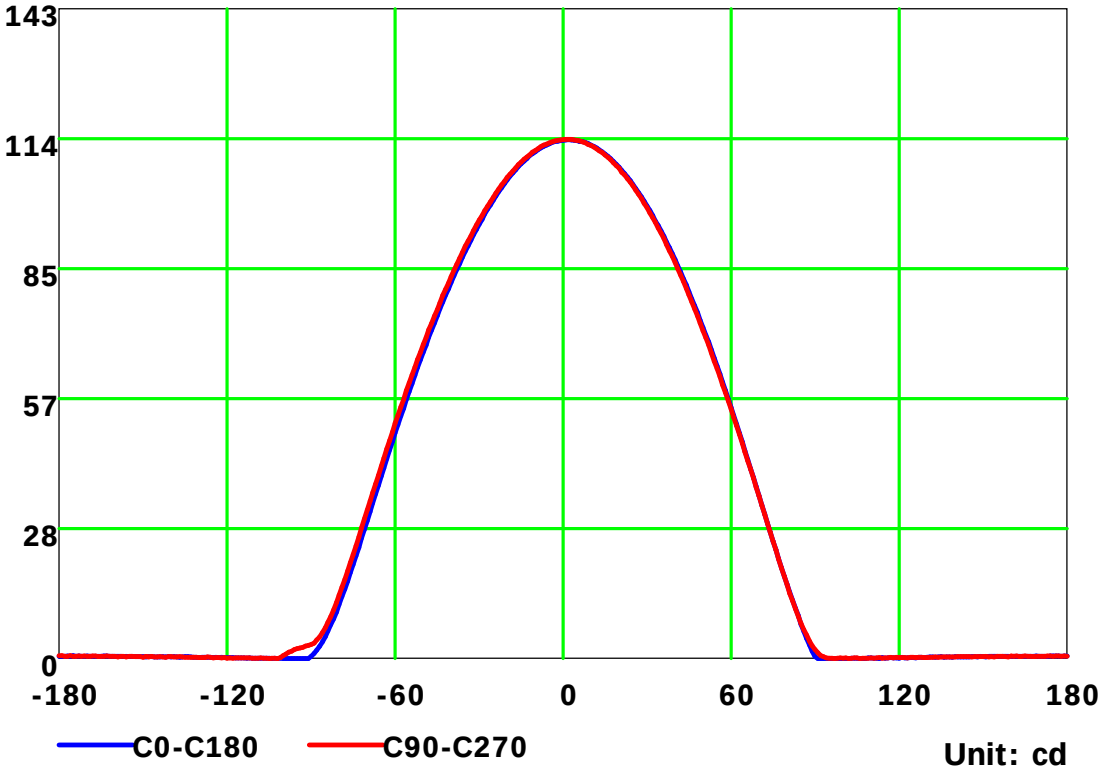
Luminous Intensity Distribution Curve



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

Luminous Intensity Distribution Curve





Unit: cd

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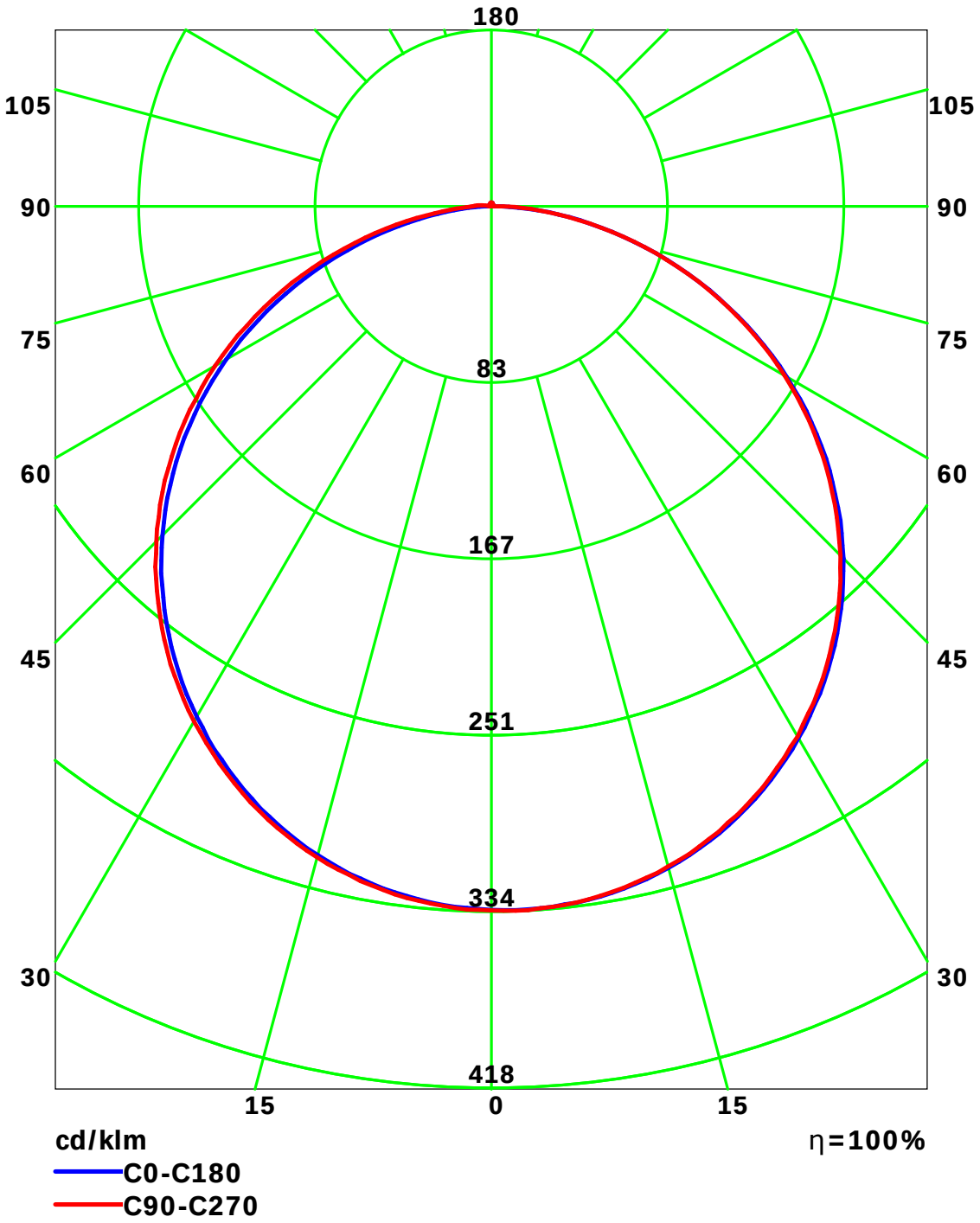
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Luminous Intensity Distribution Curve(cd/klm)



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

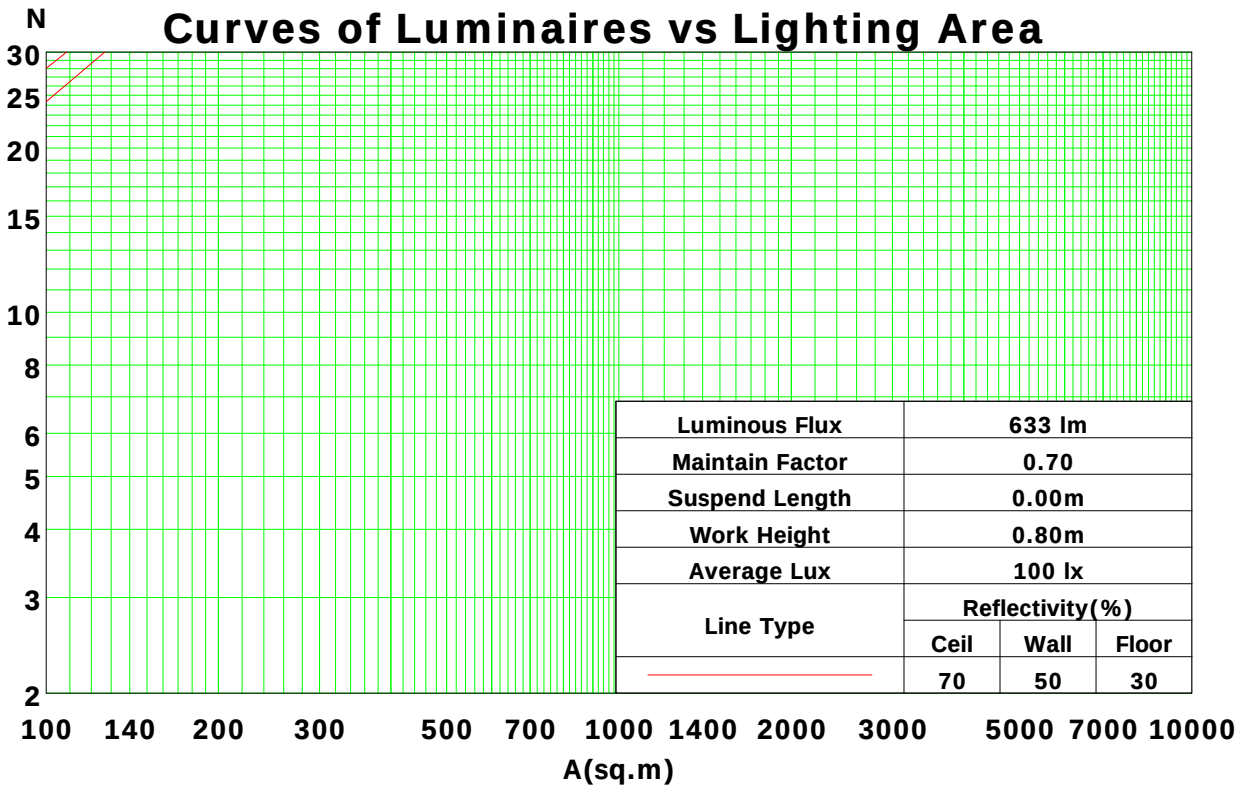
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	108	103	99	95	105	101	97	93	97	93	90	92	90	87	89	87	85	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	56	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	42	35	62	50	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.27
Spacing Criteria (90-270): 1.27
Spacing Criteria (Diagonal): 1.39

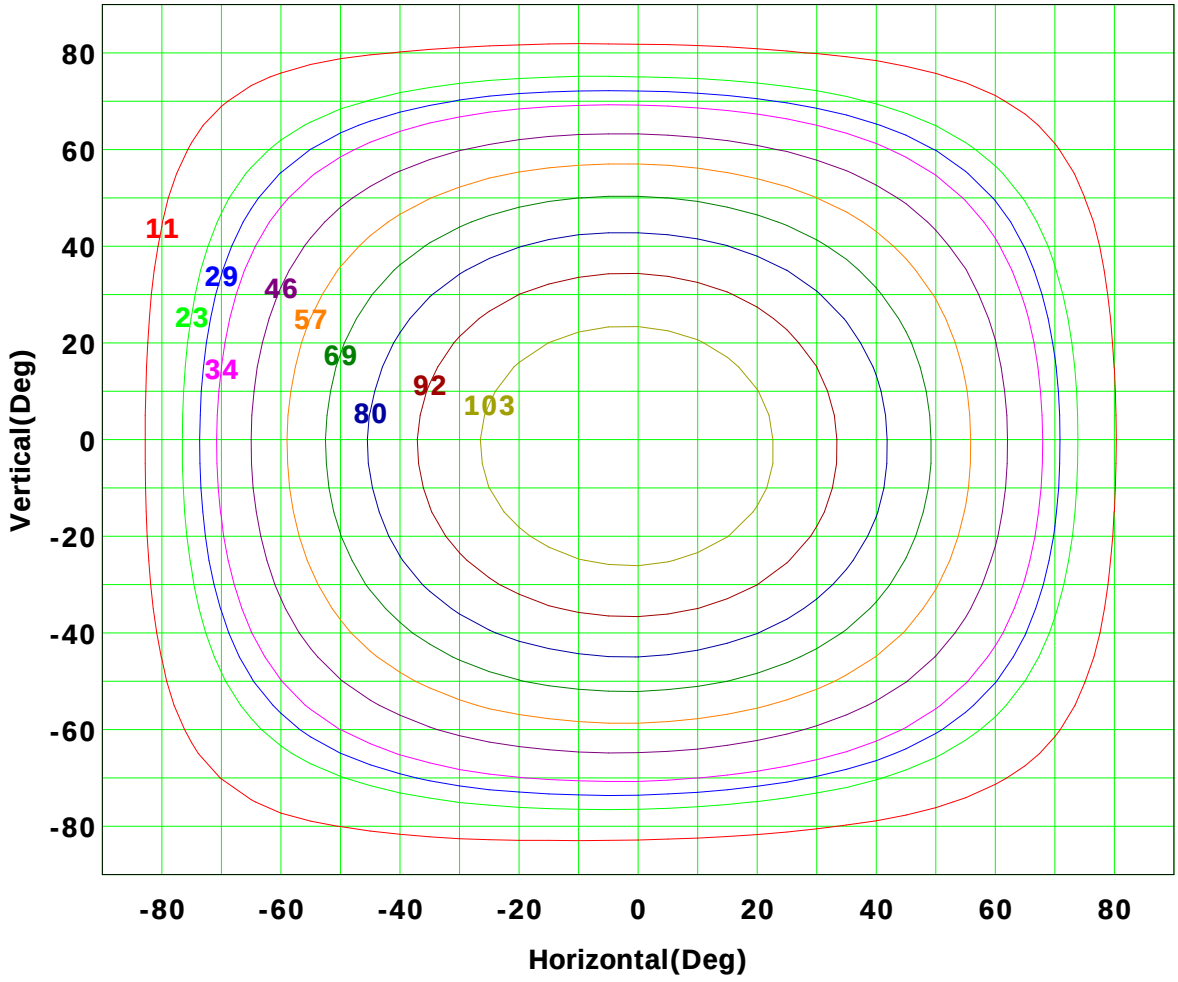
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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%): 115 cd

(10%):	11 cd	(20%):	23 cd
(25%):	29 cd	(30%):	34 cd
(40%):	46 cd	(50%):	57 cd
(60%):	69 cd	(70%):	80 cd
(80%):	92 cd	(90%):	103 cd

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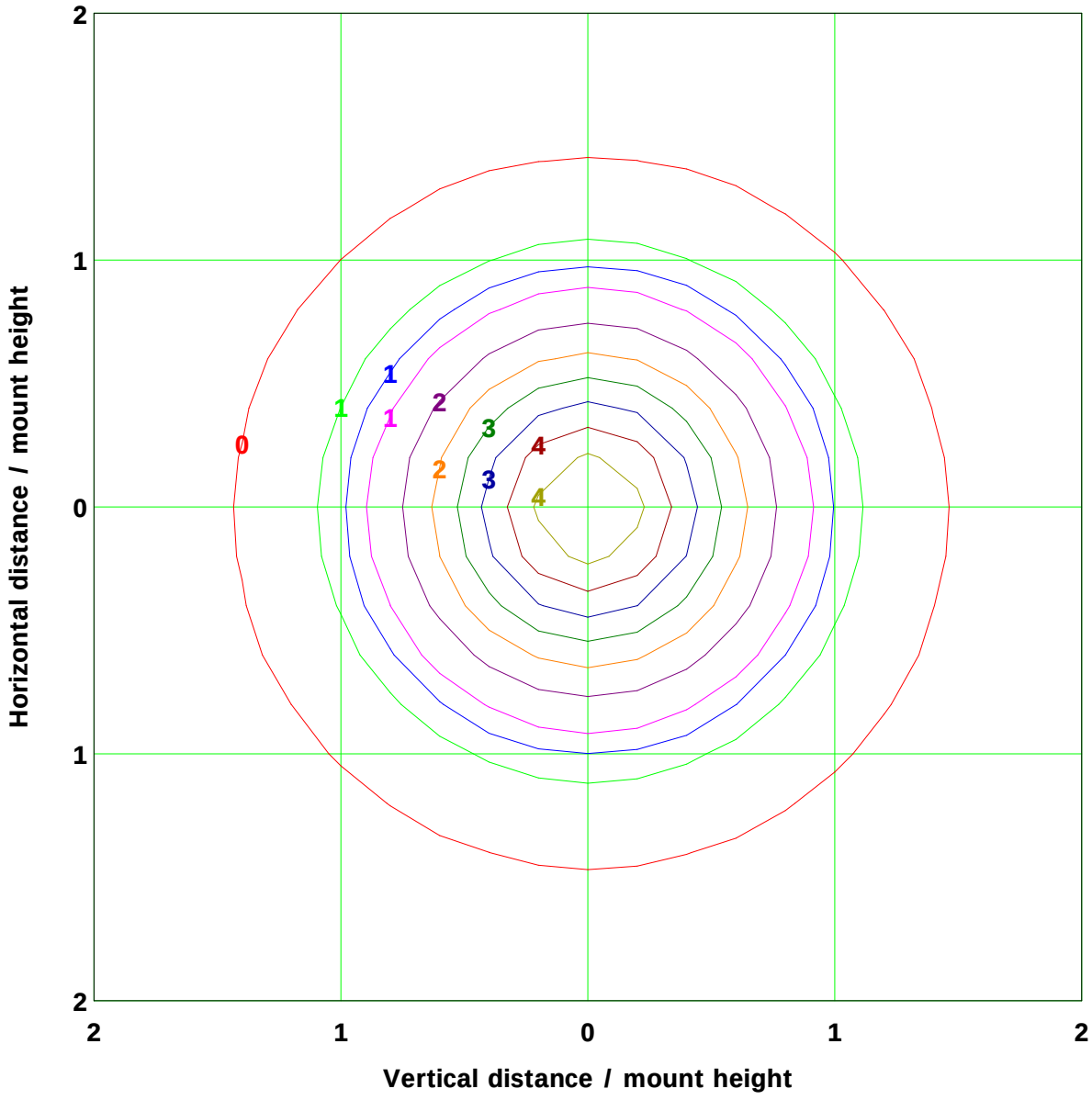
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 4.6 lx

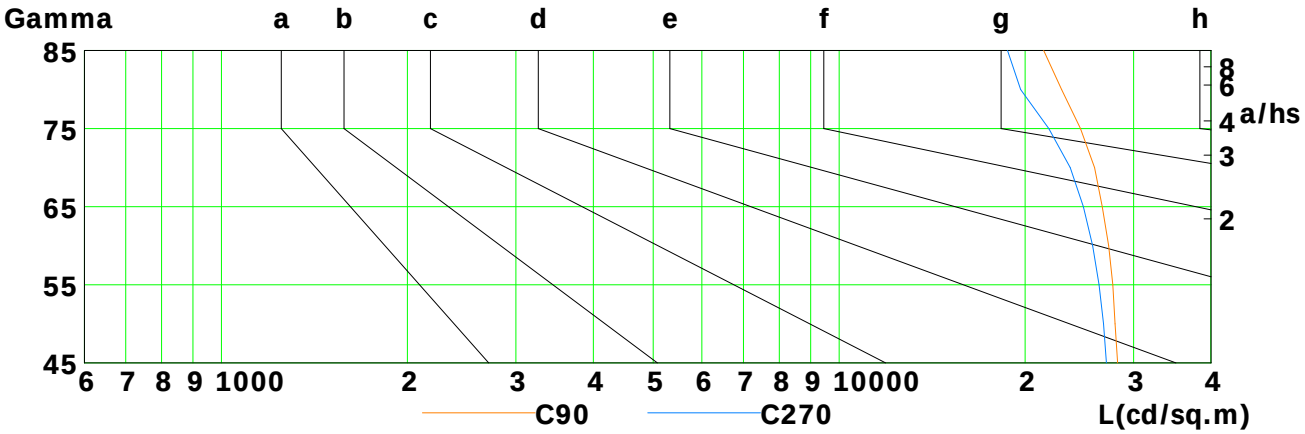
(10%): 0.5 lx	(20%): 0.9 lx
(25%): 1.1 lx	(30%): 1.4 lx
(40%): 1.8 lx	(50%): 2.3 lx
(60%): 2.7 lx	(70%): 3.2 lx
(80%): 3.7 lx	(90%): 4.1 lx

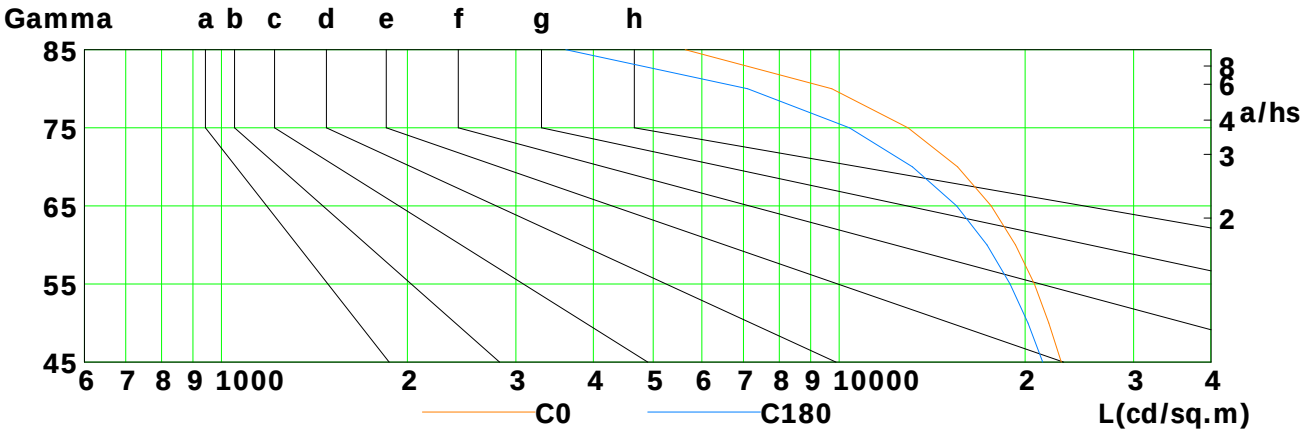
C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



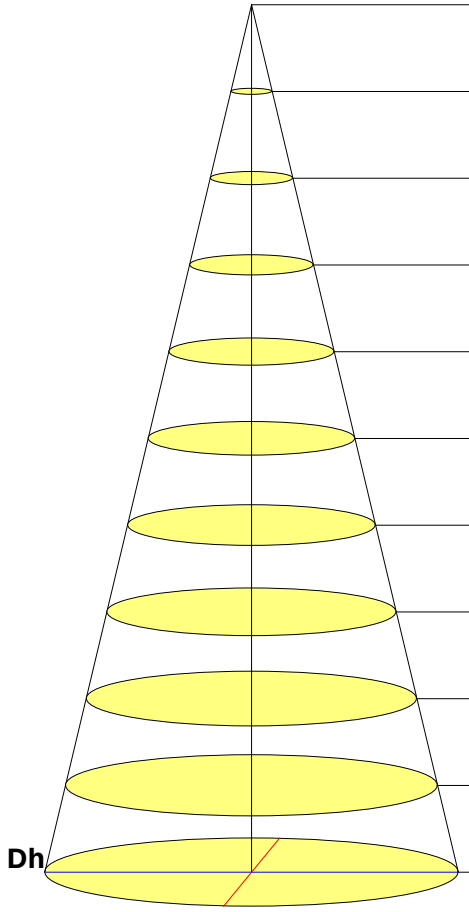


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	22888	21863	20726	19316	17641	15565	12927	9730	5636
C90	28249	27982	27732	27316	26692	25920	24592	22932	21450
C180	21380	20236	18918	17359	15496	13147	10399	7116	3614
C270	27105	26817	26350	25752	24874	23678	21861	19680	18735

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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	114.29	3.14/3.19	7.9	17.44
2.0	28.57	6.28/6.37	31.7	4.36
3.0	12.70	9.42/9.56	71.3	1.94
4.0	7.14	12.56/12.74	126.7	1.09
5.0	4.57	15.70/15.93	198.0	0.70
6.0	3.17	18.84/19.11	285.1	0.48
7.0	2.33	21.98/22.30	388.1	0.36
8.0	1.79	25.12/25.49	506.9	0.27
9.0	1.41	28.26/28.67	641.6	0.22
10.0	1.14	31.40/31.86	792.1	0.17

Beam Angle(B): H115.0 V115.8 Field Angle(F): H163.1 V164.3

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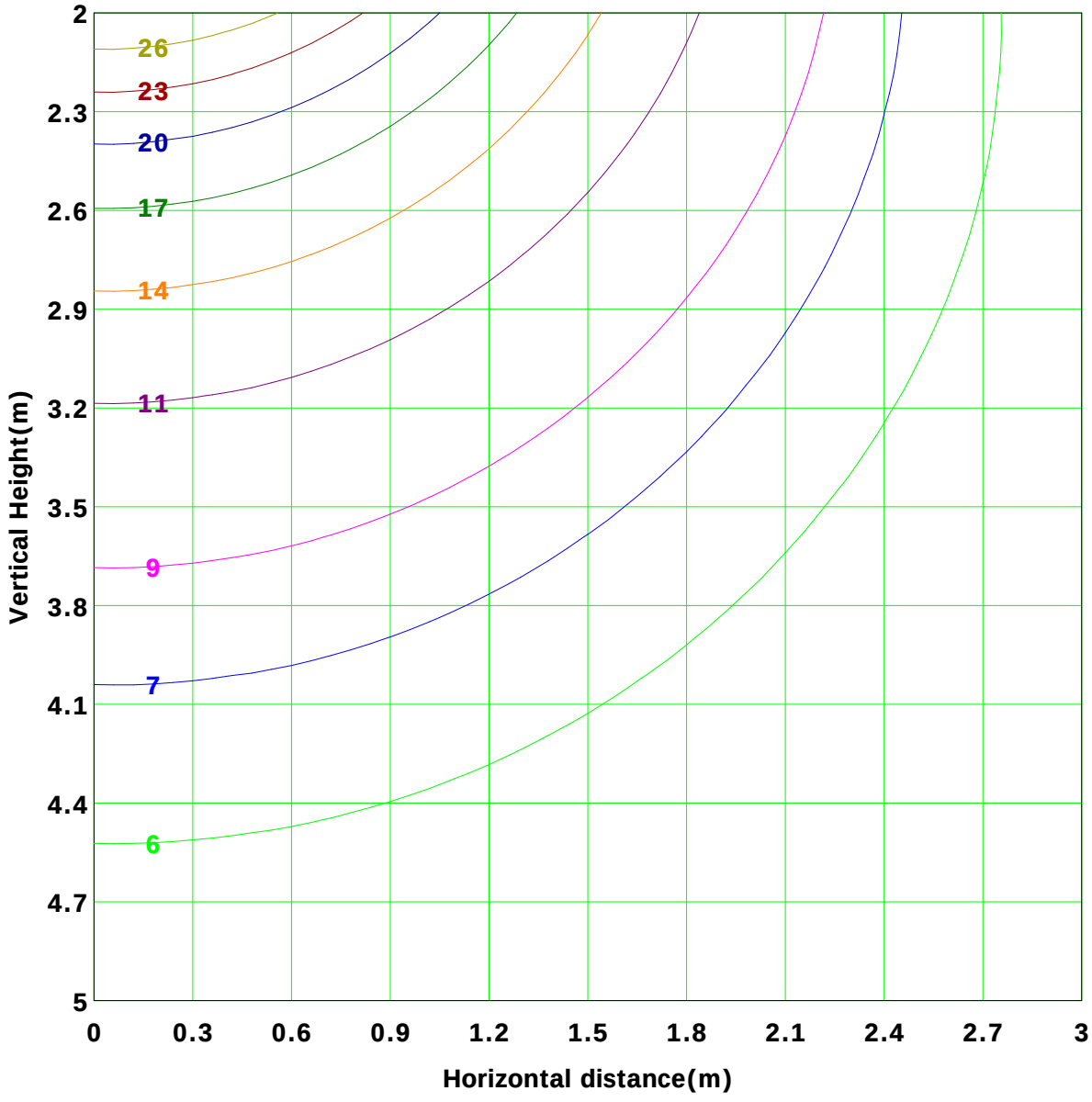
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 28.6 lx

(10%): 2.9 lx	(20%): 5.7 lx
(25%): 7.1 lx	(30%): 8.6 lx
(40%): 11.4 lx	(50%): 14.3 lx
(60%): 17.1 lx	(70%): 20.0 lx
(80%): 22.9 lx	(90%): 25.7 lx

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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:

Area Flux Table

Unit: lm

Vertical plane

-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	1.8	1.5
0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.6	5.2
0.1	0.1	0.2	0.3	0.5	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.5	0.4	0.2	0.1	0.0	11.1	10.8
0.1	0.1	0.3	0.6	0.8	1.3	1.5	1.6	1.6	1.6	1.6	1.4	1.3	1.1	0.8	0.6	0.3	0.1	0.0	17.7	17.4
0.1	0.2	0.4	0.8	1.2	1.8	2.0	2.2	2.2	2.2	2.1	2.0	1.8	1.5	1.2	0.8	0.5	0.1	0.0	24.6	24.3
0.2	0.2	0.5	1.0	1.5	2.2	2.5	2.8	2.8	2.8	2.7	2.5	2.2	1.9	1.5	1.0	0.6	0.2	0.0	30.8	30.5
0.2	0.2	0.6	1.2	1.7	2.5	2.8	3.2	3.2	3.2	3.1	2.8	2.5	2.2	1.7	1.2	0.7	0.2	0.0	35.5	35.2
0.2	0.2	0.7	1.3	1.8	2.7	3.1	3.4	3.4	3.4	3.3	3.1	2.7	2.3	1.8	1.3	0.8	0.2	0.0	38.2	37.9
0.2	0.2	0.7	1.3	1.8	2.7	3.1	3.4	3.4	3.4	3.3	3.1	2.7	2.3	1.8	1.3	0.8	0.3	0.0	38.5	38.2
0.2	0.2	0.7	1.2	1.7	2.6	3.1	3.2	3.3	3.3	3.1	2.9	2.6	2.2	1.7	1.2	0.7	0.3	0.0	36.3	36.1
0.2	0.2	0.6	1.1	1.5	2.3	2.8	2.9	2.9	2.9	2.8	2.6	2.3	1.9	1.5	1.1	0.7	0.2	0.0	32.1	31.8
0.1	0.1	0.5	0.9	1.2	1.9	2.1	2.3	2.3	2.3	2.2	2.1	1.9	1.6	1.2	0.9	0.5	0.2	0.0	26.1	25.9
0.1	0.1	0.4	0.6	0.9	1.4	1.6	1.7	1.7	1.7	1.7	1.5	1.4	1.2	0.9	0.7	0.4	0.2	0.0	19.3	19.1
0.1	0.1	0.2	0.4	0.6	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.6	0.4	0.3	0.1	0.0	12.5	12.3
0.0	0.1	0.2	0.3	0.4	0.6	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	6.6	6.4
0.0	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	2.4	2.1
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	0.3	0.1
2.0	6.2	11.2	16.1	20.6	24.3	27.3	29.4	30.5	29.7	30.6	27.8	25.0	21.3	16.9	11.9	6.8	2.3	340		
0.3	5.7	11.0	16.0	20.5	24.3	27.2	29.3	30.4	29.7	30.6	27.8	24.9	21.2	16.8	11.8	6.4	0.7		335	

Horizontal plane

Flux(E) Flux(T)

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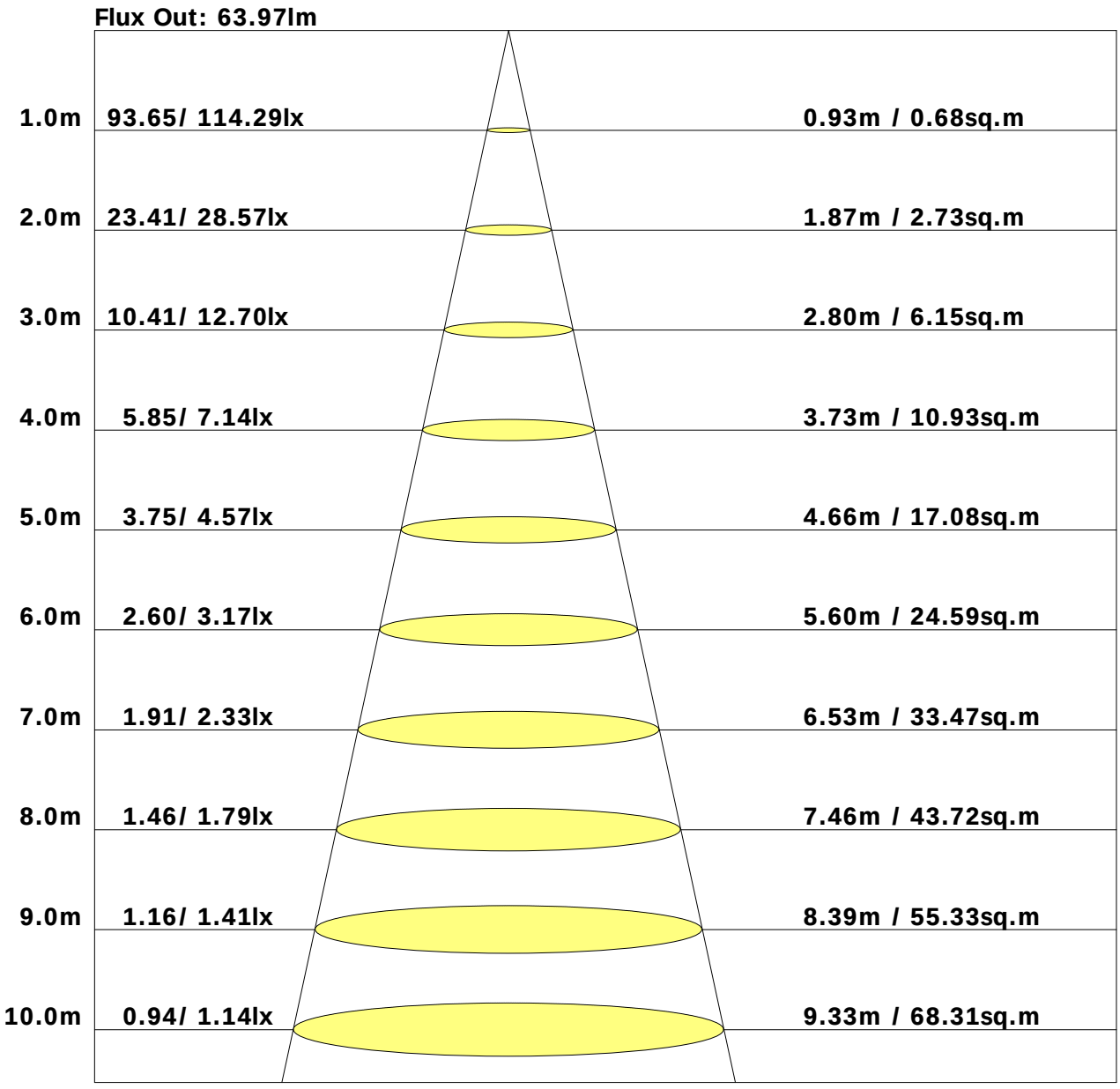
Temperature: 25
Operator: Nick

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

The Average Illuminance Effective Figure



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Temperature: 25
Operator: Nick

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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	27.2	28.8	27.6	29.2	29.5	26.4	28.1	26.8	28.4	28.7
3H	29.1	30.6	29.5	30.9	31.3	28.1	29.6	28.5	30.0	30.3
4H	29.9	31.3	30.3	31.6	32.0	28.7	30.1	29.1	30.5	30.9
6H	30.5	31.8	30.9	32.1	32.5	29.1	30.4	29.5	30.8	31.2
8H	30.7	31.9	31.1	32.3	32.7	29.2	30.5	29.7	30.9	31.3
12H	30.8	32.0	31.2	32.4	32.8	29.3	30.5	29.7	30.9	31.3
X=4H Y=2H	27.7	29.1	28.1	29.5	29.9	27.1	28.5	27.5	28.8	29.2
3H	29.8	31.0	30.3	31.4	31.9	29.0	30.2	29.4	30.6	31.0
4H	30.7	31.8	31.2	32.2	32.7	29.7	30.8	30.1	31.2	31.6
6H	31.4	32.4	31.9	32.8	33.3	30.2	31.1	30.7	31.6	32.1
8H	31.7	32.6	32.2	33.0	33.5	30.4	31.2	30.8	31.7	32.2
12H	31.9	32.7	32.4	33.2	33.6	30.5	31.2	30.9	31.7	32.2
X=8H Y=4H	30.9	31.8	31.4	32.3	32.8	30.0	30.9	30.5	31.3	31.8
6H	31.7	32.5	32.3	33.0	33.5	30.6	31.4	31.1	31.9	32.3
8H	32.1	32.8	32.6	33.3	33.8	30.8	31.5	31.3	32.0	32.5
12H	32.4	33.0	32.9	33.5	34.0	31.0	31.6	31.5	32.1	32.6
X=12H Y=4H	31.0	31.8	31.5	32.2	32.7	30.0	30.8	30.5	31.3	31.8
6H	31.8	32.5	32.3	32.9	33.5	30.7	31.3	31.2	31.8	32.4
8H	32.2	32.8	32.7	33.3	33.8	30.9	31.5	31.4	32.0	32.6

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
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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	0.55	0.66	0.73	0.79	0.86	0.91	0.95	1.00	1.03
	0.30		0.47	0.58	0.66	0.71	0.80	0.85	0.90	0.95	0.99
	0.20		0.41	0.52	0.60	0.66	0.74	0.80	0.85	0.91	0.95
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.95	0.98
	0.30		0.46	0.57	0.64	0.69	0.77	0.83	0.87	0.92	0.95
	0.20		0.41	0.51	0.59	0.64	0.73	0.79	0.83	0.89	0.92
0.30	0.50	0.20	0.52	0.62	0.68	0.73	0.80	0.84	0.87	0.92	0.94
	0.30		0.46	0.55	0.63	0.68	0.75	0.80	0.84	0.89	0.92
	0.20		0.41	0.51	0.58	0.63	0.71	0.77	0.81	0.86	0.89
0.00	0.00	0.00	0.38	0.48	0.55	0.60	0.68	0.73	0.76	0.81	0.85

Rating:5W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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	1.02	0.84	0.72	0.63	0.50	0.42	0.36	0.28	0.23
	0.30		0.85	0.72	0.63	0.56	0.45	0.38	0.33	0.26	0.22
	0.20		0.73	0.63	0.56	0.50	0.41	0.35	0.31	0.25	0.21
0.50	0.50	0.20	0.98	0.81	0.69	0.60	0.48	0.43	0.34	0.27	0.22
	0.30		0.83	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.21
	0.20		0.72	0.62	0.55	0.49	0.40	0.34	0.30	0.24	0.20
0.30	0.50	0.20	0.95	0.78	0.66	0.58	0.46	0.38	0.33	0.25	0.21
	0.30		0.81	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.54	0.48	0.39	0.33	0.29	0.23	0.19
0.00	0.00	0.00	0.61	0.52	0.45	0.39	0.32	0.27	0.23	0.18	0.15

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: ACOLYTE
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		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	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	0.12	0.13	0.15	0.16	0.17	0.18	0.18
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
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: ACOLYTE
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	114.4	0.1	0.1	0.03	0.03
1.0-2.0	114.3	0.3	0.4	0.10	0.13
2.0-3.0	114.3	0.5	1.0	0.16	0.29
3.0-4.0	114.2	0.8	1.7	0.22	0.51
4.0-5.0	114.0	1.0	2.7	0.29	0.80
5.0-6.0	113.8	1.2	3.9	0.35	1.15
6.0-7.0	113.6	1.4	5.3	0.41	1.56
7.0-8.0	113.4	1.6	7.0	0.47	2.03
8.0-9.0	113.1	1.8	8.8	0.54	2.57
9.0-10.0	112.7	2.0	10.8	0.60	3.17
10.0-11.0	112.4	2.2	13.1	0.66	3.82
11.0-12.0	112.0	2.4	15.5	0.72	4.54
12.0-13.0	111.5	2.6	18.2	0.77	5.31
13.0-14.0	111.0	2.8	21.0	0.83	6.14
14.0-15.0	110.5	3.0	24.0	0.89	7.03
15.0-16.0	110.0	3.2	27.3	0.94	7.97
16.0-17.0	109.4	3.4	30.7	1.00	8.97
17.0-18.0	108.7	3.6	34.3	1.05	10.02
18.0-19.0	108.1	3.8	38.0	1.10	11.12
19.0-20.0	107.4	3.9	42.0	1.15	12.26
20.0-21.0	106.6	4.1	46.1	1.20	13.46
21.0-22.0	105.9	4.3	50.3	1.24	14.71
22.0-23.0	105.1	4.4	54.7	1.29	16.00
23.0-24.0	104.2	4.6	59.3	1.33	17.33
24.0-25.0	103.3	4.7	64.0	1.37	18.70
25.0-26.0	102.4	4.8	68.8	1.41	20.11
26.0-27.0	101.5	5.0	73.8	1.45	21.57
27.0-28.0	100.5	5.1	78.9	1.49	23.05
28.0-29.0	99.5	5.2	84.1	1.52	24.58
29.0-30.0	98.5	5.3	89.4	1.55	26.13
30.0-31.0	97.4	5.4	94.8	1.58	27.72
31.0-32.0	96.3	5.5	100.3	1.61	29.33
32.0-33.0	95.2	5.6	105.9	1.64	30.97
33.0-34.0	94.0	5.7	111.6	1.66	32.63
34.0-35.0	92.8	5.8	117.4	1.69	34.32
35.0-36.0	91.6	5.8	123.2	1.70	36.02

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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	90.3	5.9	129.1	1.72	37.74
37.0-38.0	89.0	5.9	135.1	1.74	39.48
38.0-39.0	87.7	6.0	141.0	1.75	41.23
39.0-40.0	86.4	6.0	147.1	1.76	42.99
40.0-41.0	85.0	6.1	153.1	1.77	44.76
41.0-42.0	83.6	6.1	159.2	1.78	46.54
42.0-43.0	82.2	6.1	165.3	1.78	48.32
43.0-44.0	80.7	6.1	171.4	1.78	50.10
44.0-45.0	79.2	6.1	177.5	1.78	51.88
45.0-46.0	77.7	6.1	183.5	1.78	53.65
46.0-47.0	76.2	6.1	189.6	1.77	55.43
47.0-48.0	74.6	6.0	195.6	1.76	57.19
48.0-49.0	73.0	6.0	201.6	1.75	58.94
49.0-50.0	71.4	6.0	207.6	1.74	60.68
50.0-51.0	69.8	5.9	213.5	1.73	62.41
51.0-52.0	68.1	5.8	219.3	1.71	64.12
52.0-53.0	66.4	5.8	225.1	1.69	65.81
53.0-54.0	64.7	5.7	230.8	1.67	67.47
54.0-55.0	63.0	5.6	236.4	1.64	69.12
55.0-56.0	61.2	5.5	242.0	1.62	70.73
56.0-57.0	59.4	5.4	247.4	1.59	72.32
57.0-58.0	57.6	5.3	252.7	1.56	73.88
58.0-59.0	55.8	5.2	258.0	1.53	75.41
59.0-60.0	54.0	5.1	263.1	1.49	76.90
60.0-61.0	52.1	5.0	268.0	1.45	78.35
61.0-62.0	50.3	4.8	272.9	1.42	79.77
62.0-63.0	48.4	4.7	277.6	1.38	81.15
63.0-64.0	46.5	4.6	282.2	1.33	82.48
64.0-65.0	44.6	4.4	286.6	1.29	83.77
65.0-66.0	42.6	4.3	290.8	1.24	85.01
66.0-67.0	40.7	4.1	294.9	1.20	86.21
67.0-68.0	38.7	3.9	298.8	1.15	87.36
68.0-69.0	36.8	3.8	302.6	1.10	88.45
69.0-70.0	34.8	3.6	306.2	1.05	89.50
70.0-71.0	32.8	3.4	309.6	0.99	90.49
71.0-72.0	30.9	3.2	312.8	0.94	91.43

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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	28.9	3.0	315.8	0.88	92.32
73.0-74.0	27.0	2.8	318.6	0.83	93.14
74.0-75.0	25.0	2.6	321.3	0.77	93.92
75.0-76.0	23.1	2.5	323.7	0.72	94.64
76.0-77.0	21.2	2.3	326.0	0.66	95.30
77.0-78.0	19.4	2.1	328.1	0.61	95.90
78.0-79.0	17.6	1.9	330.0	0.55	96.45
79.0-80.0	15.8	1.7	331.7	0.50	96.95
80.0-81.0	14.0	1.5	333.2	0.44	97.40
81.0-82.0	12.4	1.3	334.5	0.39	97.79
82.0-83.0	10.8	1.2	335.7	0.34	98.13
83.0-84.0	9.3	1.0	336.7	0.29	98.42
84.0-85.0	7.8	0.9	337.6	0.25	98.67
85.0-86.0	6.4	0.7	338.3	0.21	98.88
86.0-87.0	5.0	0.6	338.8	0.16	99.04
87.0-88.0	3.8	0.4	339.2	0.12	99.16
88.0-89.0	2.9	0.3	339.5	0.09	99.25
89.0-90.0	2.2	0.2	339.8	0.07	99.32
90.0-91.0	1.7	0.2	340.0	0.05	99.38
91.0-92.0	1.3	0.1	340.1	0.04	99.42
92.0-93.0	1.1	0.1	340.2	0.03	99.45
93.0-94.0	0.9	0.1	340.3	0.03	99.48
94.0-95.0	0.7	0.1	340.4	0.02	99.50
95.0-96.0	0.5	0.1	340.5	0.02	99.52
96.0-97.0	0.4	0.0	340.5	0.01	99.54
97.0-98.0	0.4	0.0	340.5	0.01	99.55
98.0-99.0	0.3	0.0	340.6	0.01	99.56
99.0-100.0	0.2	0.0	340.6	0.01	99.56
100.0-101.0	0.1	0.0	340.6	0.00	99.56
101.0-102.0	0.1	0.0	340.6	0.00	99.57
102.0-103.0	0.1	0.0	340.6	0.00	99.57
103.0-104.0	0.1	0.0	340.6	0.00	99.57
104.0-105.0	0.1	0.0	340.6	0.00	99.58
105.0-106.0	0.1	0.0	340.6	0.00	99.58
106.0-107.0	0.1	0.0	340.7	0.00	99.58
107.0-108.0	0.1	0.0	340.7	0.00	99.59

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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	340.7	0.00	99.59
109.0-110.0	0.1	0.0	340.7	0.00	99.59
110.0-111.0	0.1	0.0	340.7	0.00	99.60
111.0-112.0	0.1	0.0	340.7	0.00	99.60
112.0-113.0	0.2	0.0	340.7	0.00	99.61
113.0-114.0	0.2	0.0	340.8	0.01	99.61
114.0-115.0	0.2	0.0	340.8	0.01	99.62
115.0-116.0	0.2	0.0	340.8	0.01	99.62
116.0-117.0	0.2	0.0	340.8	0.01	99.63
117.0-118.0	0.2	0.0	340.8	0.01	99.63
118.0-119.0	0.2	0.0	340.9	0.01	99.64
119.0-120.0	0.2	0.0	340.9	0.01	99.65
120.0-121.0	0.2	0.0	340.9	0.01	99.65
121.0-122.0	0.2	0.0	340.9	0.01	99.66
122.0-123.0	0.2	0.0	340.9	0.01	99.66
123.0-124.0	0.3	0.0	341.0	0.01	99.67
124.0-125.0	0.3	0.0	341.0	0.01	99.68
125.0-126.0	0.3	0.0	341.0	0.01	99.69
126.0-127.0	0.3	0.0	341.0	0.01	99.69
127.0-128.0	0.3	0.0	341.1	0.01	99.70
128.0-129.0	0.3	0.0	341.1	0.01	99.71
129.0-130.0	0.3	0.0	341.1	0.01	99.72
130.0-131.0	0.3	0.0	341.1	0.01	99.72
131.0-132.0	0.3	0.0	341.2	0.01	99.73
132.0-133.0	0.3	0.0	341.2	0.01	99.74
133.0-134.0	0.3	0.0	341.2	0.01	99.75
134.0-135.0	0.4	0.0	341.3	0.01	99.76
135.0-136.0	0.4	0.0	341.3	0.01	99.76
136.0-137.0	0.4	0.0	341.3	0.01	99.77
137.0-138.0	0.4	0.0	341.3	0.01	99.78
138.0-139.0	0.4	0.0	341.4	0.01	99.79
139.0-140.0	0.4	0.0	341.4	0.01	99.80
140.0-141.0	0.4	0.0	341.4	0.01	99.81
141.0-142.0	0.4	0.0	341.5	0.01	99.81
142.0-143.0	0.4	0.0	341.5	0.01	99.82
143.0-144.0	0.4	0.0	341.5	0.01	99.83

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

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

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.4	0.0	341.5	0.01	99.84
145.0-146.0	0.4	0.0	341.6	0.01	99.85
146.0-147.0	0.4	0.0	341.6	0.01	99.85
147.0-148.0	0.4	0.0	341.6	0.01	99.86
148.0-149.0	0.4	0.0	341.6	0.01	99.87
149.0-150.0	0.5	0.0	341.7	0.01	99.88
150.0-151.0	0.5	0.0	341.7	0.01	99.88
151.0-152.0	0.5	0.0	341.7	0.01	99.89
152.0-153.0	0.5	0.0	341.7	0.01	99.90
153.0-154.0	0.5	0.0	341.8	0.01	99.90
154.0-155.0	0.5	0.0	341.8	0.01	99.91
155.0-156.0	0.5	0.0	341.8	0.01	99.92
156.0-157.0	0.5	0.0	341.8	0.01	99.92
157.0-158.0	0.5	0.0	341.8	0.01	99.93
158.0-159.0	0.5	0.0	341.9	0.01	99.93
159.0-160.0	0.5	0.0	341.9	0.01	99.94
160.0-161.0	0.5	0.0	341.9	0.01	99.95
161.0-162.0	0.5	0.0	341.9	0.01	99.95
162.0-163.0	0.5	0.0	341.9	0.01	99.96
163.0-164.0	0.5	0.0	342.0	0.00	99.96
164.0-165.0	0.5	0.0	342.0	0.00	99.97
165.0-166.0	0.5	0.0	342.0	0.00	99.97
166.0-167.0	0.5	0.0	342.0	0.00	99.97
167.0-168.0	0.5	0.0	342.0	0.00	99.98
168.0-169.0	0.5	0.0	342.0	0.00	99.98
169.0-170.0	0.5	0.0	342.0	0.00	99.98
170.0-171.0	0.6	0.0	342.0	0.00	99.99
171.0-172.0	0.6	0.0	342.1	0.00	99.99
172.0-173.0	0.6	0.0	342.1	0.00	99.99
173.0-174.0	0.5	0.0	342.1	0.00	99.99
174.0-175.0	0.6	0.0	342.1	0.00	100.00
175.0-176.0	0.6	0.0	342.1	0.00	100.00
176.0-177.0	0.6	0.0	342.1	0.00	100.00
177.0-178.0	0.6	0.0	342.1	0.00	100.00
178.0-179.0	0.6	0.0	342.1	0.00	100.00
179.0-180.0	0.6	0.0	342.1	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
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: