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Email: sales-us@genledbrands.com

Report No.: **Test Time: 2019/7/31 19:14**

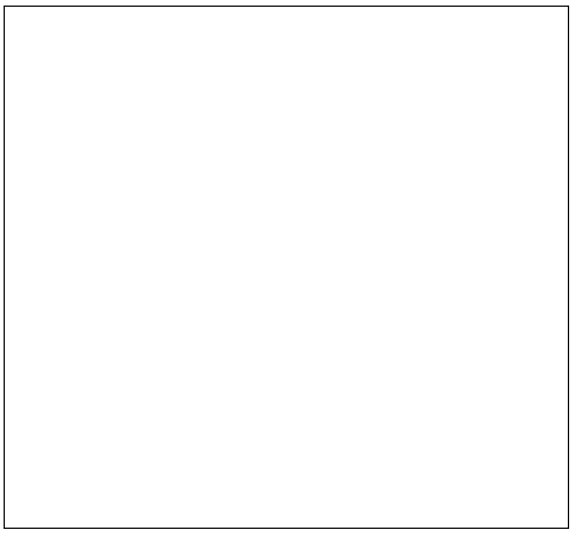
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: 3527 140LED 1.0W 6500K
Luminaire Description: 3527 140LED 1.0W 6500K
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 2 **Voltage: 24.0 V**
Current: 0.035 A **Power: 0.83 W**
Power Factor: 1.000

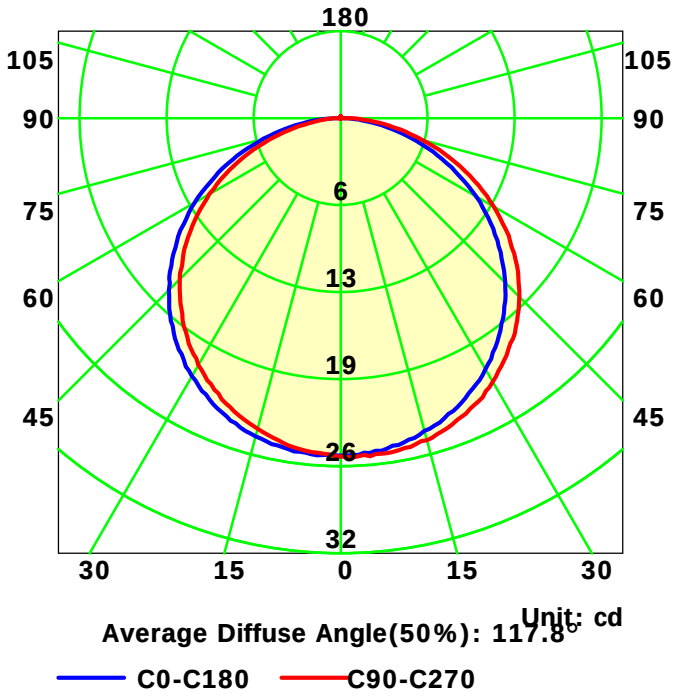
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 78.0 lm**
Measurement Flux: 78 lm **Efficiency: 100%**
Downward Ratio: 100% **Upward Ratio: 0%**
Horizontal Diffuse Angle(10%,50%): H164.8,H117.7
Vertical Diffuse Angle(10%,50%): V164.7,V117.8
Luminaire Efficacy Rating (LER): 94 **Central Intensity: 25.34 cd**
Max. Intensity: 25.54 cd **Pos of Max. Intensity: H120 V6**

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:**

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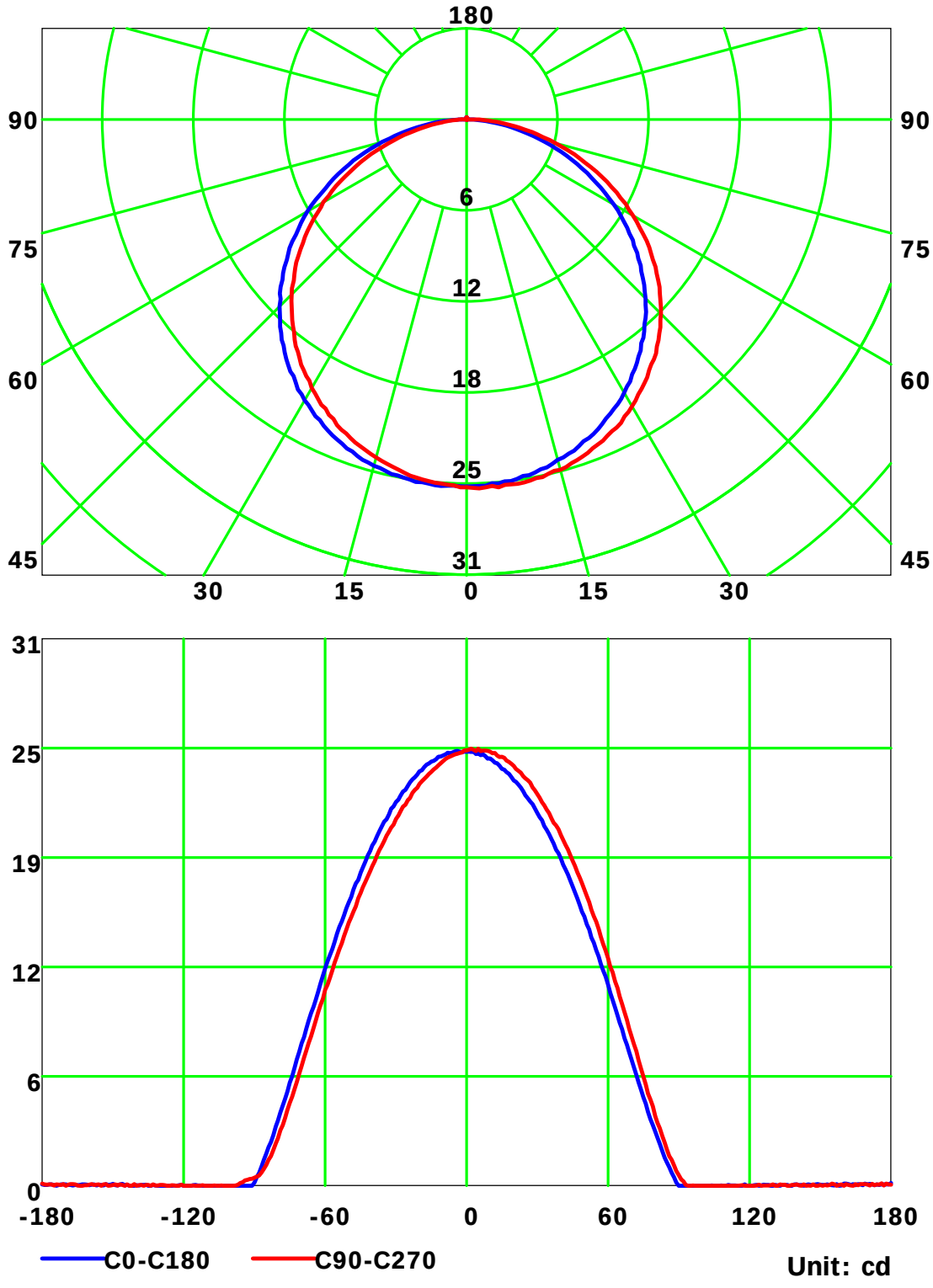
Luminous Intensity Distribution Curve



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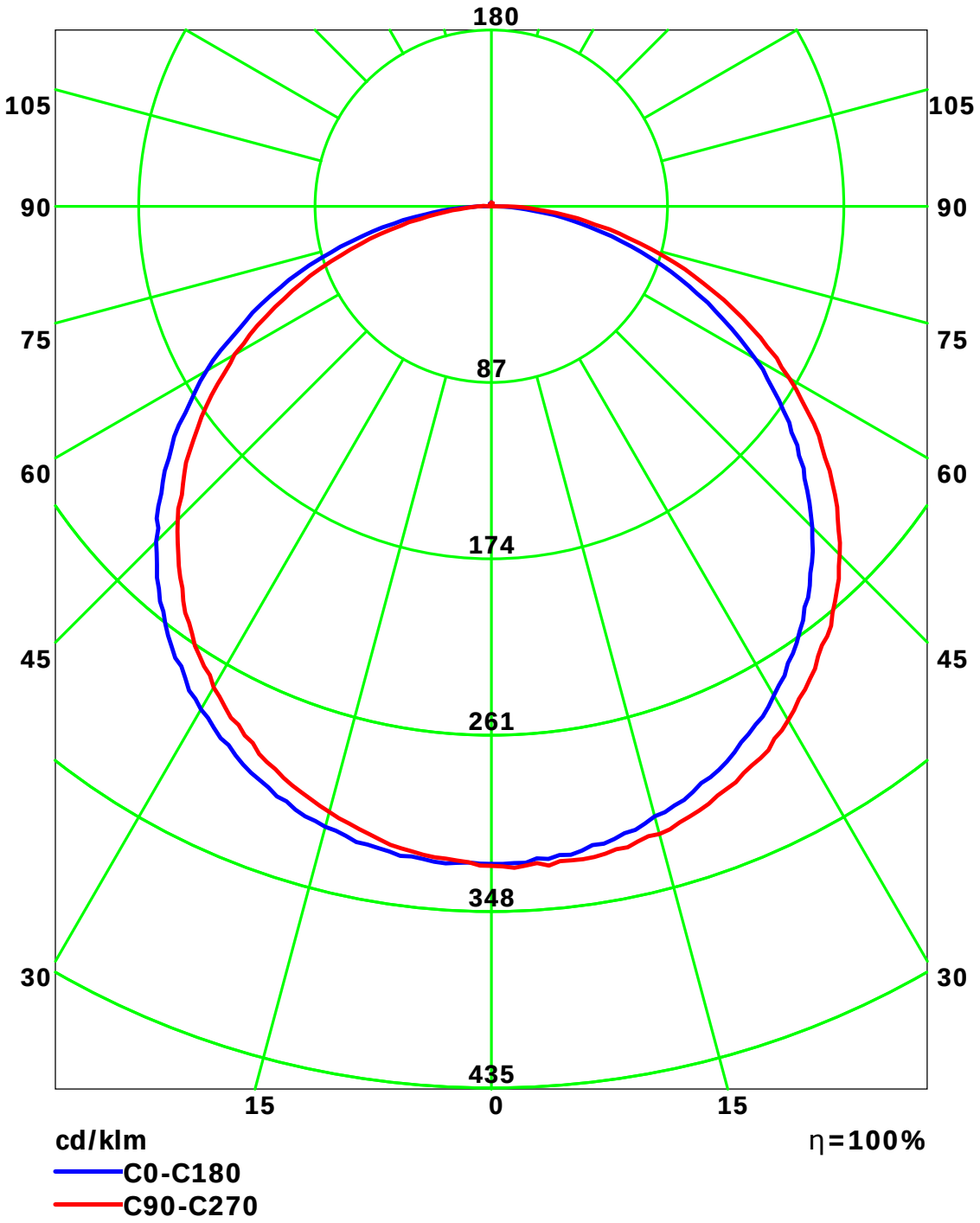
Luminous Intensity Distribution Curve(cd/klm)



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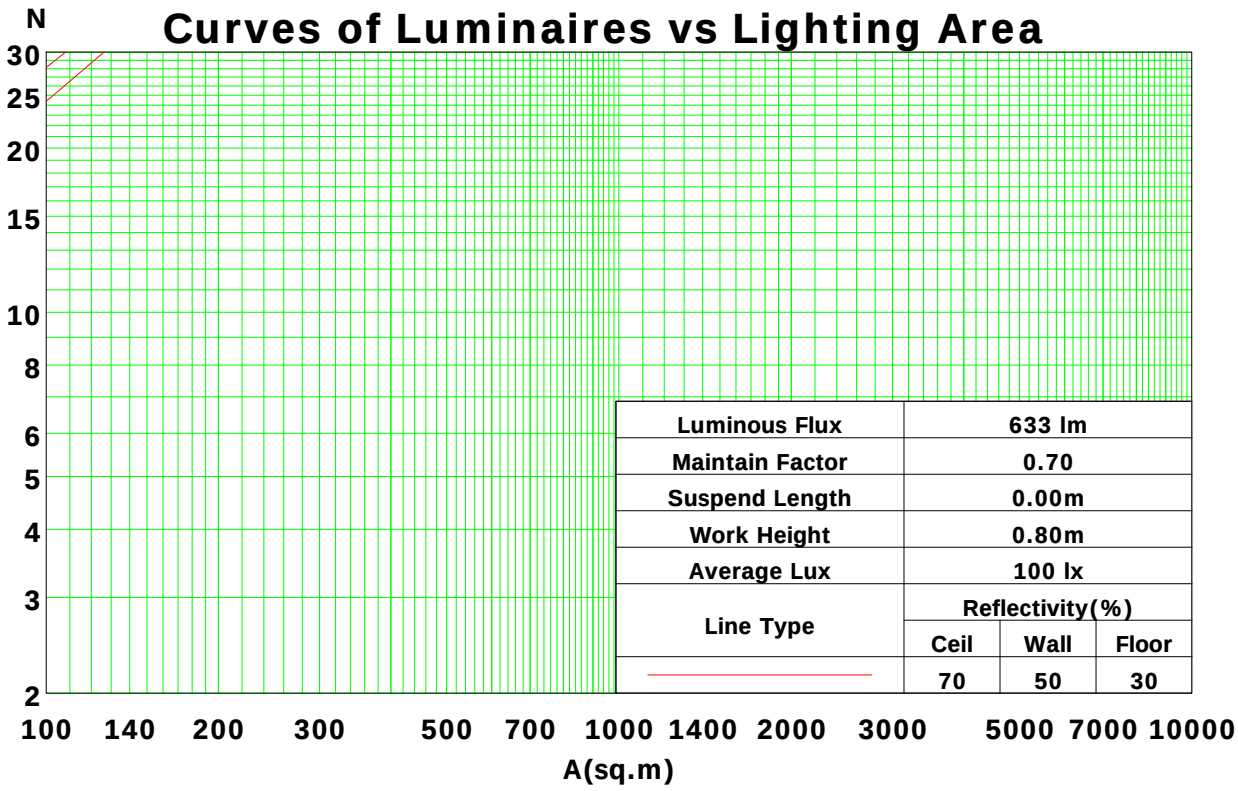
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	87	84	82
2	98	89	82	76	95	88	81	75	84	78	74	80	76	72	77	74	70	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	61	55	50	48
5	75	62	52	46	73	60	52	45	58	51	45	56	49	44	54	48	44	42
6	69	55	46	40	67	54	46	39	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.29
Spacing Criteria (90-270): 1.29
Spacing Criteria (Diagonal): 1.42

Curves of Luminaires vs Lighting Area



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Test Type: TYPE C
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Gamma Plane (°):0.0-180.0:1.0
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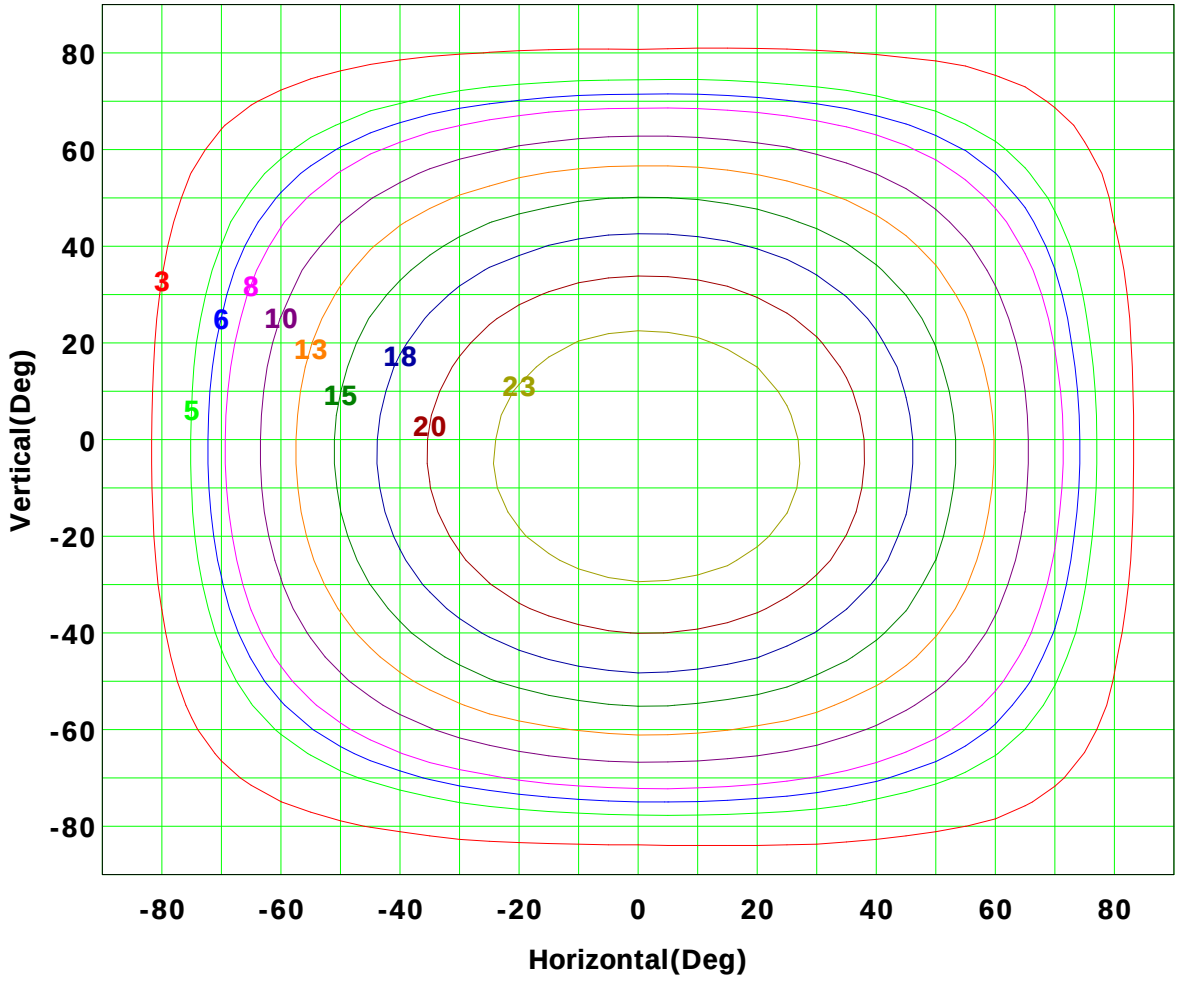
Isocandela (rectangle)



Imax (100%): 26 cd

(10%):	3 cd	(20%):	5 cd
(25%):	6 cd	(30%):	8 cd
(40%):	10 cd	(50%):	13 cd
(60%):	15 cd	(70%):	18 cd
(80%):	20 cd	(90%):	23 cd

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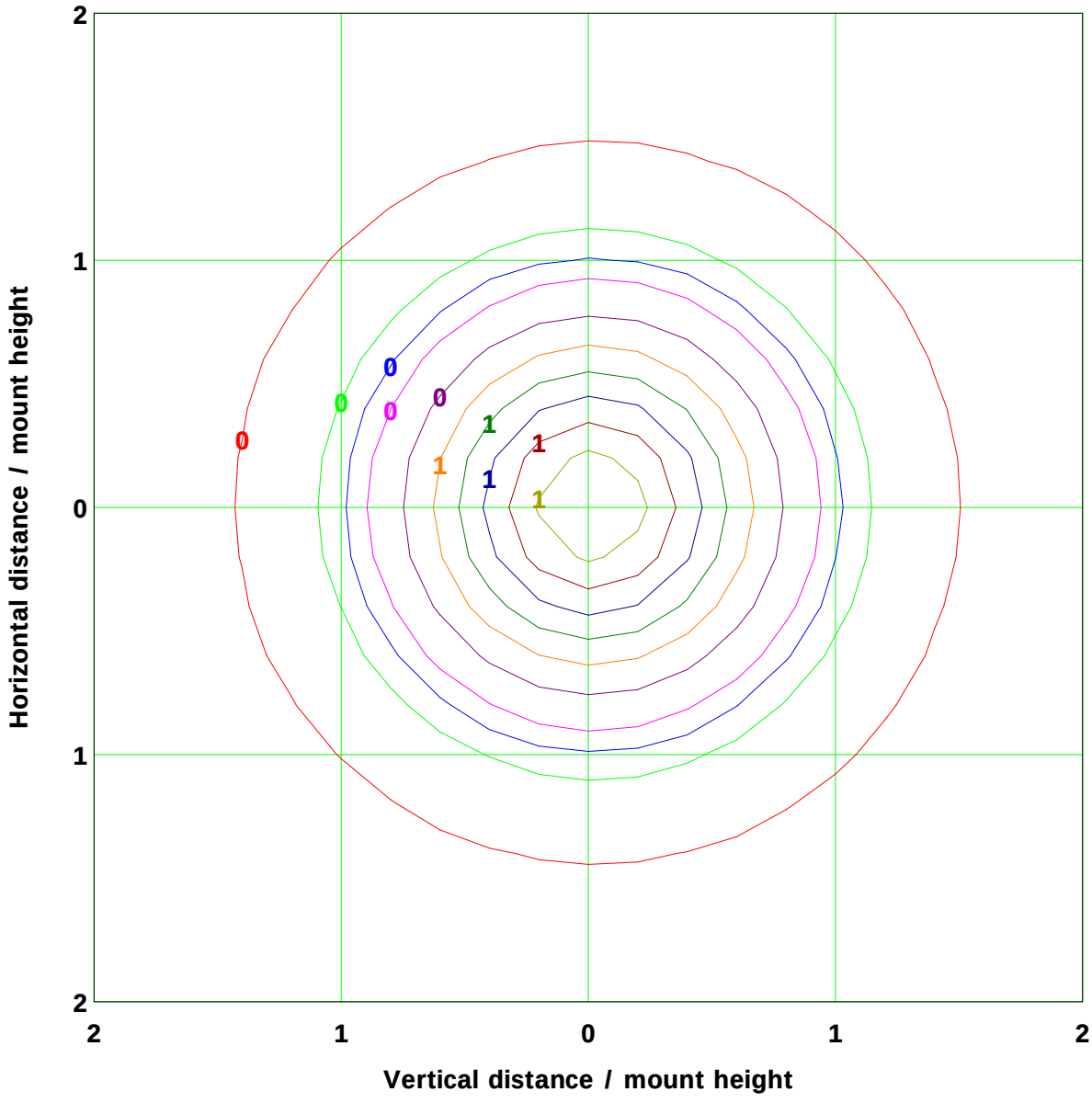
IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 1.0 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.3 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.6 lx	(70%): 0.7 lx
(80%): 0.8 lx	(90%): 0.9 lx

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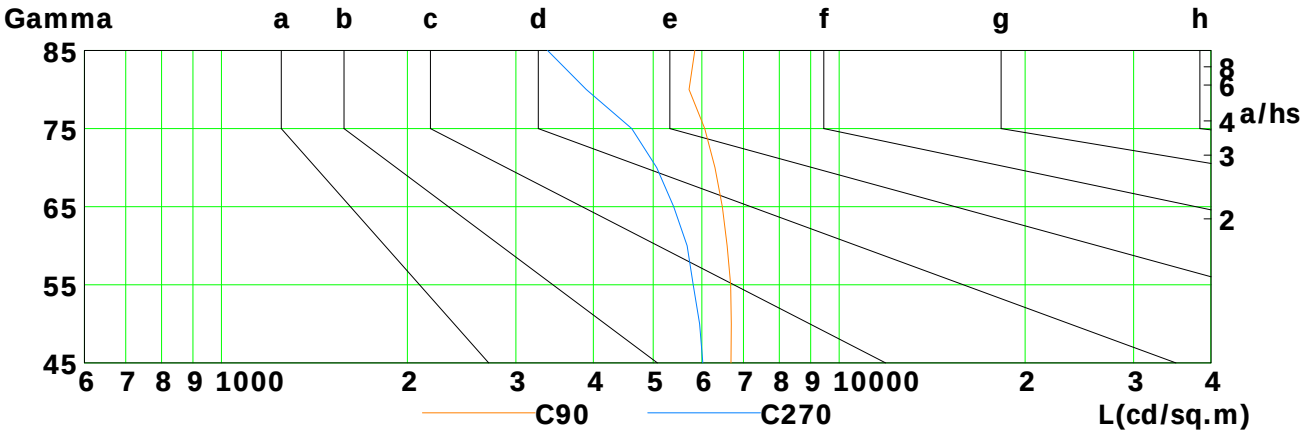
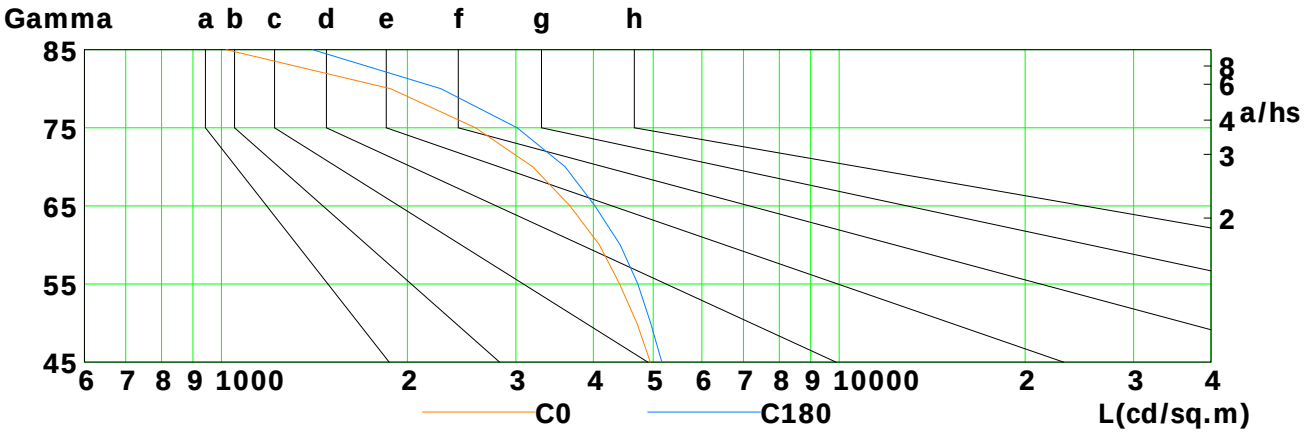
Lum Limit Curve

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	4947	4708	4413	4093	3666	3194	2578	1882	1019
C90	6684	6693	6678	6589	6475	6297	6062	5715	5843
C180	5168	4956	4725	4424	4024	3605	3013	2269	1405
C270	6022	5946	5807	5676	5402	5068	4616	3899	3374

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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
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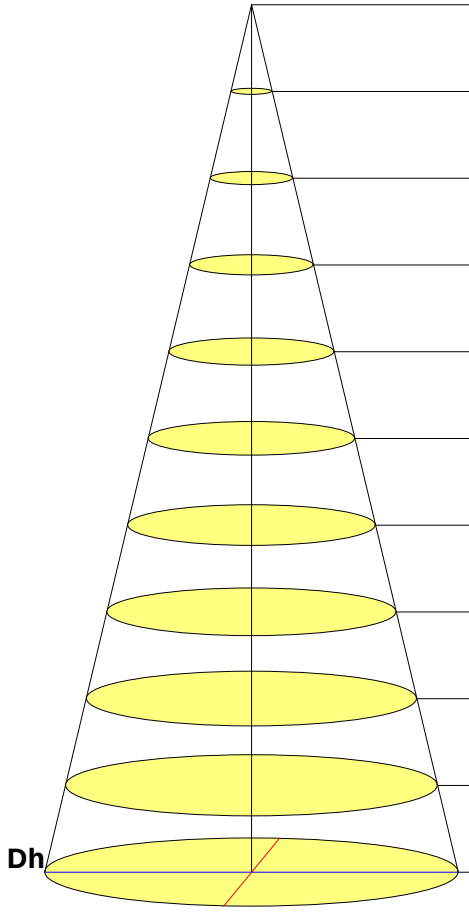
Illuminance at a Distance



Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	25.34	3.31/3.32	8.7	3.64
2.0	6.34	6.61/6.64	34.9	0.91
3.0	2.82	9.92/9.96	78.6	0.40
4.0	1.58	13.23/13.27	139.7	0.23
5.0	1.01	16.53/16.59	218.2	0.15
6.0	0.70	19.84/19.91	314.3	0.10
7.0	0.52	23.15/23.23	427.8	0.07
8.0	0.40	26.45/26.55	558.7	0.06
9.0	0.31	29.76/29.87	707.1	0.04
10.0	0.25	33.07/33.19	873.0	0.04

Beam Angle(B): H117.7 V117.8 Field Angle(F): H164.8 V164.7

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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:

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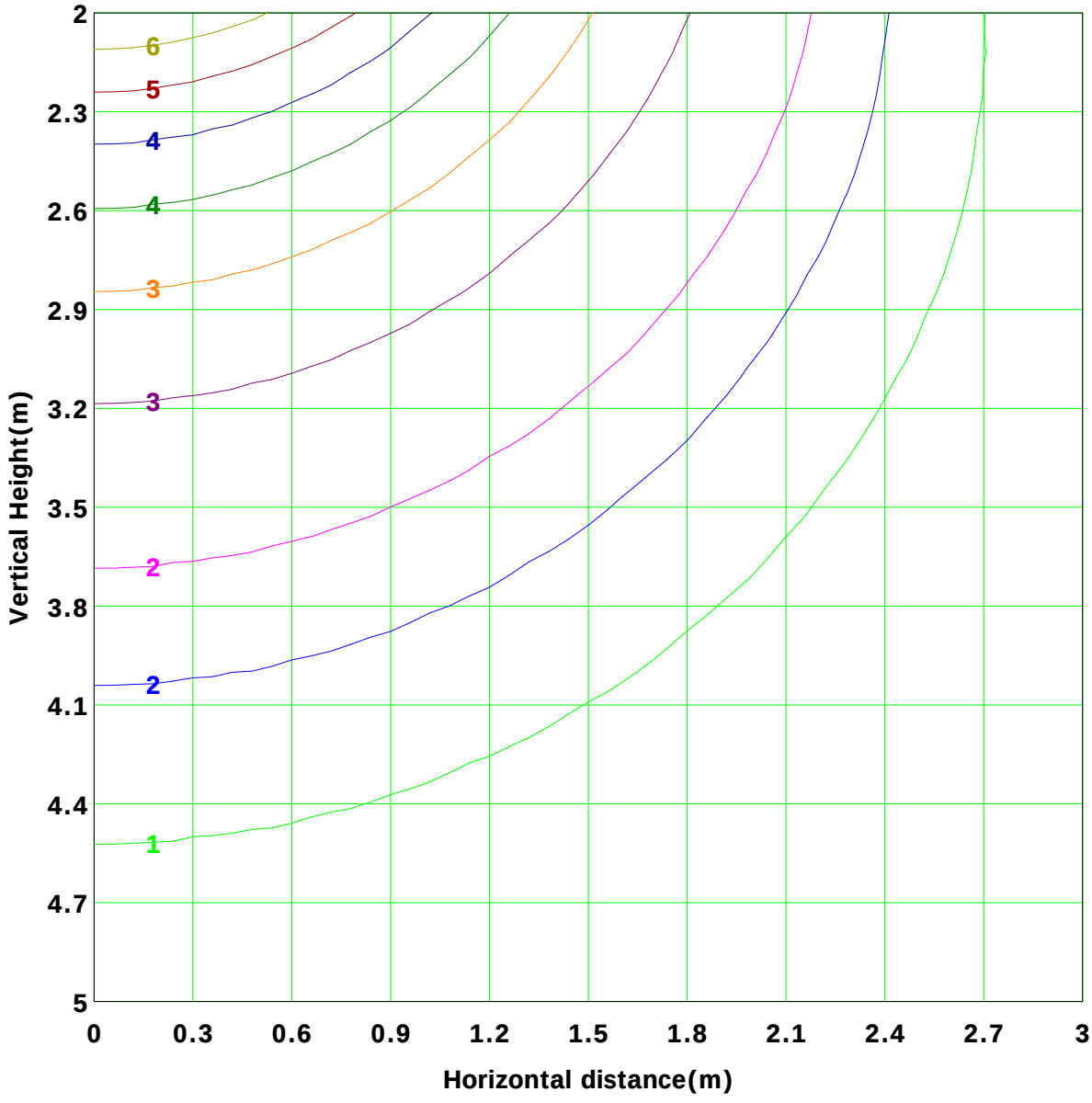
Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 6.3 lx

(10%): 0.6 lx	(20%): 1.3 lx
(25%): 1.6 lx	(30%): 1.9 lx
(40%): 2.5 lx	(50%): 3.2 lx
(60%): 3.8 lx	(70%): 4.4 lx
(80%): 5.1 lx	(90%): 5.7 lx

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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	0.1	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	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
-70	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	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
-60	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	2.8	2.9	0.0	0.0	0.0	0.1	0.1	0.0
-50	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.0	4.3	4.4	0.0	0.0	0.1	0.1	0.1	0.0
-40	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	5.9	5.9	0.1	0.1	0.1	0.1	0.1	0.0
-30	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	7.2	7.3	0.1	0.2	0.2	0.2	0.1	0.0
-20	0.0	0.0	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.1	0.0	8.2	8.2	0.1	0.2	0.2	0.2	0.1	0.0
-10	0.0	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.1	0.0	8.6	8.7	0.1	0.2	0.2	0.3	0.1	0.0
0	0.0	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.1	0.0	8.6	8.6	0.1	0.2	0.2	0.3	0.1	0.0
10	0.0	0.0	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.0	8.0	8.1	0.1	0.2	0.2	0.3	0.1	0.0
20	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	7.0	7.1	0.1	0.2	0.2	0.3	0.1	0.0
30	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.0	5.6	5.7	0.0	0.1	0.2	0.2	0.1	0.0
40	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	4.1	4.1	0.0	0.1	0.1	0.1	0.1	0.0
50	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	0.2	0.2	0.1	0.1	0.0	0.0	2.6	2.6	0.0	0.0	0.1	0.1	0.0	0.0
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	1.3	1.3	0.0	0.0	0.0	0.1	0.0	0.0
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	0.4	0.5	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0
90																				0.4	0.6	1.3	1.7	2.5	3.6	4.6	5.4
Flux(T)	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	0.4	0.6	1.3	1.7	2.5	3.6	4.6	5.4
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	0.4	0.6	1.3	1.6	2.4	3.6	4.6	5.4

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**
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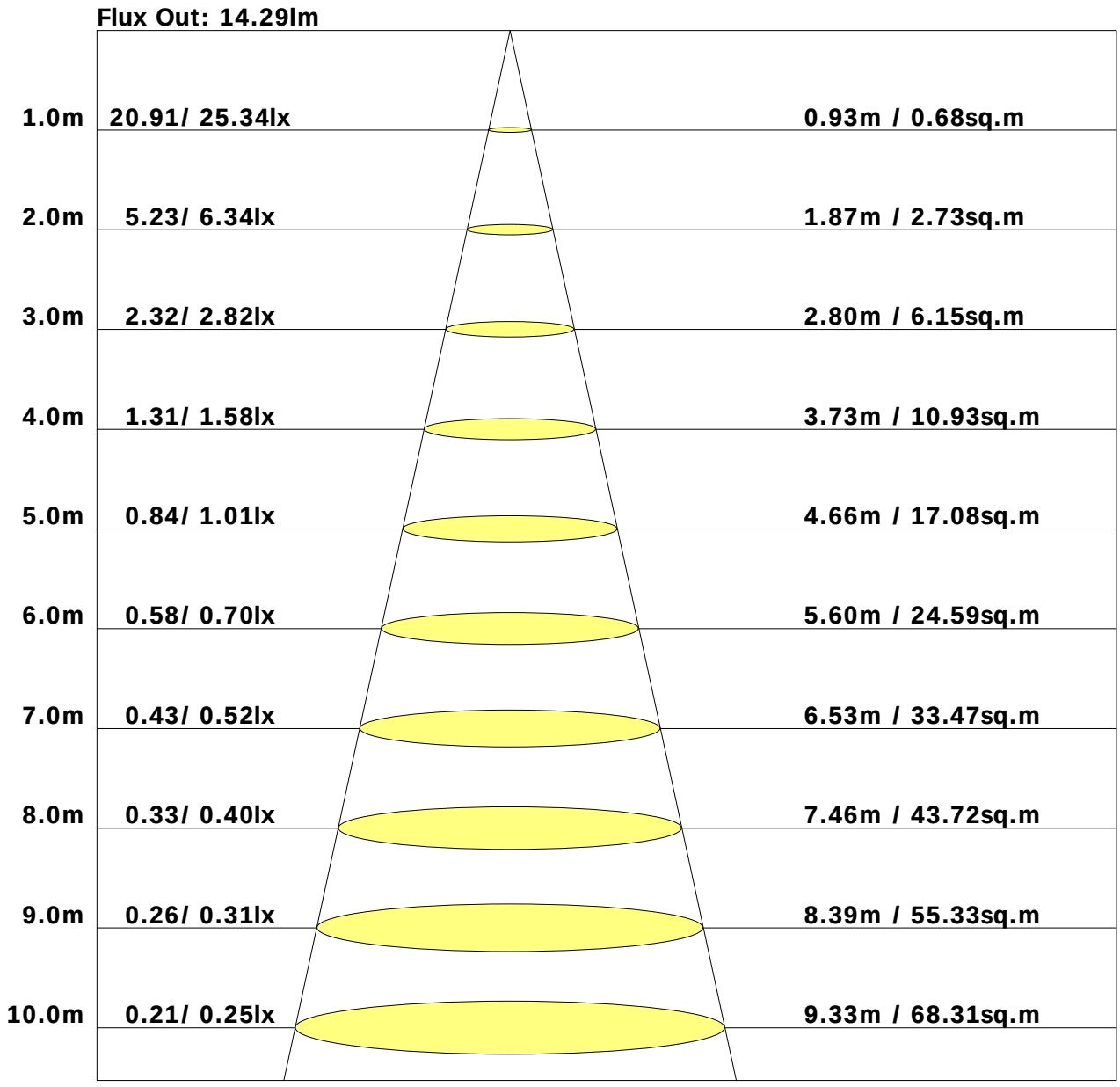
The Average Illuminance Effective Figure



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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	26.7	28.4	27.1	28.7	29.1	26.8	28.5	27.2	28.8	29.1
3H	28.6	30.1	29.0	30.4	30.8	28.5	30.0	28.9	30.4	30.7
4H	29.3	30.7	29.7	31.0	31.4	29.1	30.6	29.5	30.9	31.3
6H	29.8	31.1	30.2	31.5	31.9	29.6	30.9	30.0	31.3	31.7
8H	29.9	31.2	30.4	31.6	32.0	29.7	31.0	30.1	31.4	31.8
12H	30.0	31.3	30.5	31.6	32.1	29.8	31.0	30.2	31.4	31.8
X=4H Y=2H	27.3	28.7	27.7	29.1	29.4	27.4	28.9	27.9	29.2	29.6
3H	29.3	30.5	29.7	30.9	31.3	29.4	30.6	29.8	31.0	31.4
4H	30.1	31.2	30.5	31.6	32.0	30.1	31.2	30.6	31.6	32.1
6H	30.7	31.7	31.2	32.1	32.6	30.7	31.6	31.1	32.1	32.5
8H	30.9	31.8	31.4	32.3	32.7	30.9	31.8	31.3	32.2	32.7
12H	31.1	31.9	31.6	32.4	32.8	31.0	31.8	31.5	32.3	32.7
X=8H Y=4H	30.3	31.2	30.8	31.7	32.1	30.5	31.3	30.9	31.8	32.3
6H	31.0	31.8	31.5	32.3	32.7	31.1	31.9	31.6	32.4	32.8
8H	31.3	32.0	31.8	32.5	33.0	31.4	32.0	31.9	32.5	33.0
12H	31.5	32.1	32.0	32.6	33.2	31.6	32.1	32.1	32.6	33.2
X=12H Y=4H	30.3	31.1	30.8	31.6	32.1	30.5	31.3	31.0	31.8	32.3
6H	31.1	31.7	31.6	32.2	32.7	31.2	31.9	31.7	32.3	32.9
8H	31.4	32.0	31.9	32.5	33.0	31.5	32.1	32.0	32.6	33.1

Calculate in accordance with CIE 190:2010

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:

ACOLYTE
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Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50								
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	0.67	0.74	0.80	0.87	0.92	0.95	1.00	1.03
	0.30		0.51	0.59	0.67	0.73	0.81	0.86	0.90	0.96	0.99
	0.20		0.45	0.53	0.61	0.67	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.88	0.92	0.96	0.99
	0.30		0.50	0.58	0.65	0.71	0.78	0.84	0.87	0.92	0.96
	0.20		0.45	0.53	0.60	0.66	0.74	0.79	0.84	0.89	0.93
0.30	0.50	0.20	0.55	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.49	0.57	0.64	0.69	0.76	0.81	0.85	0.89	0.92
	0.20		0.45	0.52	0.60	0.65	0.72	0.78	0.81	0.87	0.90
0.00	0.00	0.00	0.42	0.50	0.57	0.62	0.69	0.74	0.77	0.82	0.85

Rating:1W 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:

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Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50								
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	0.83	0.70	0.61	0.49	0.41	0.35	0.27	0.22
	0.30		0.81	0.71	0.61	0.54	0.44	0.38	0.32	0.26	0.21
	0.20		0.69	0.62	0.54	0.49	0.40	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.94	0.79	0.67	0.59	0.47	0.42	0.33	0.26	0.21
	0.30		0.79	0.69	0.59	0.52	0.43	0.36	0.31	0.25	0.20
	0.20		0.69	0.61	0.53	0.48	0.39	0.34	0.29	0.23	0.20
0.30	0.50	0.20	0.91	0.76	0.65	0.56	0.45	0.37	0.32	0.25	0.20
	0.30		0.77	0.67	0.58	0.51	0.41	0.35	0.30	0.24	0.20
	0.20		0.68	0.60	0.52	0.47	0.38	0.33	0.28	0.23	0.19
0.00	0.00	0.00	0.58	0.50	0.43	0.38	0.31	0.26	0.22	0.18	0.15

Rating:1W 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:

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Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.50								
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	0.21	0.22	0.22
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.16	0.16	0.17	0.18
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Rating:1W 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:

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Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	25.4	0.0	0.0	0.03	0.03
1.0-2.0	25.4	0.1	0.1	0.09	0.12
2.0-3.0	25.4	0.1	0.2	0.16	0.28
3.0-4.0	25.3	0.2	0.4	0.22	0.50
4.0-5.0	25.3	0.2	0.6	0.28	0.78
5.0-6.0	25.3	0.3	0.9	0.34	1.12
6.0-7.0	25.2	0.3	1.2	0.40	1.52
7.0-8.0	25.2	0.4	1.5	0.46	1.98
8.0-9.0	25.1	0.4	2.0	0.52	2.51
9.0-10.0	25.1	0.5	2.4	0.58	3.09
10.0-11.0	25.0	0.5	2.9	0.64	3.73
11.0-12.0	24.9	0.5	3.5	0.70	4.43
12.0-13.0	24.8	0.6	4.0	0.76	5.18
13.0-14.0	24.7	0.6	4.7	0.81	5.99
14.0-15.0	24.6	0.7	5.3	0.87	6.86
15.0-16.0	24.5	0.7	6.1	0.92	7.78
16.0-17.0	24.4	0.8	6.8	0.98	8.76
17.0-18.0	24.3	0.8	7.6	1.03	9.79
18.0-19.0	24.2	0.8	8.5	1.08	10.86
19.0-20.0	24.0	0.9	9.3	1.13	11.99
20.0-21.0	23.9	0.9	10.3	1.18	13.17
21.0-22.0	23.7	1.0	11.2	1.22	14.39
22.0-23.0	23.6	1.0	12.2	1.27	15.66
23.0-24.0	23.4	1.0	13.2	1.31	16.97
24.0-25.0	23.2	1.1	14.3	1.35	18.33
25.0-26.0	23.0	1.1	15.4	1.39	19.72
26.0-27.0	22.9	1.1	16.5	1.43	21.15
27.0-28.0	22.7	1.1	17.6	1.47	22.63
28.0-29.0	22.5	1.2	18.8	1.51	24.13
29.0-30.0	22.2	1.2	20.0	1.54	25.67
30.0-31.0	22.0	1.2	21.2	1.57	27.24
31.0-32.0	21.8	1.2	22.5	1.60	28.84
32.0-33.0	21.5	1.3	23.8	1.63	30.47
33.0-34.0	21.3	1.3	25.0	1.65	32.12
34.0-35.0	21.0	1.3	26.4	1.68	33.80
35.0-36.0	20.8	1.3	27.7	1.70	35.50

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:

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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	20.5	1.3	29.0	1.72	37.21
37.0-38.0	20.3	1.4	30.4	1.73	38.95
38.0-39.0	20.0	1.4	31.7	1.75	40.70
39.0-40.0	19.7	1.4	33.1	1.76	42.46
40.0-41.0	19.4	1.4	34.5	1.77	44.23
41.0-42.0	19.1	1.4	35.9	1.78	46.01
42.0-43.0	18.8	1.4	37.3	1.78	47.79
43.0-44.0	18.5	1.4	38.7	1.79	49.58
44.0-45.0	18.1	1.4	40.0	1.79	51.37
45.0-46.0	17.8	1.4	41.4	1.79	53.15
46.0-47.0	17.5	1.4	42.8	1.78	54.93
47.0-48.0	17.1	1.4	44.2	1.77	56.71
48.0-49.0	16.8	1.4	45.6	1.76	58.47
49.0-50.0	16.4	1.4	47.0	1.75	60.23
50.0-51.0	16.0	1.4	48.3	1.74	61.97
51.0-52.0	15.7	1.3	49.7	1.72	63.69
52.0-53.0	15.3	1.3	51.0	1.71	65.40
53.0-54.0	14.9	1.3	52.3	1.69	67.08
54.0-55.0	14.5	1.3	53.6	1.66	68.75
55.0-56.0	14.1	1.3	54.9	1.64	70.38
56.0-57.0	13.7	1.3	56.1	1.61	71.99
57.0-58.0	13.3	1.2	57.4	1.58	73.57
58.0-59.0	12.9	1.2	58.6	1.55	75.12
59.0-60.0	12.5	1.2	59.7	1.51	76.63
60.0-61.0	12.1	1.2	60.9	1.48	78.11
61.0-62.0	11.6	1.1	62.0	1.44	79.54
62.0-63.0	11.2	1.1	63.1	1.40	80.94
63.0-64.0	10.8	1.1	64.2	1.35	82.29
64.0-65.0	10.3	1.0	65.2	1.31	83.60
65.0-66.0	9.9	1.0	66.2	1.26	84.86
66.0-67.0	9.4	0.9	67.1	1.21	86.08
67.0-68.0	9.0	0.9	68.0	1.17	87.24
68.0-69.0	8.5	0.9	68.9	1.11	88.36
69.0-70.0	8.1	0.8	69.7	1.06	89.42
70.0-71.0	7.6	0.8	70.5	1.01	90.43
71.0-72.0	7.2	0.7	71.3	0.96	91.39

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:

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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	6.7	0.7	72.0	0.90	92.29
73.0-74.0	6.3	0.7	72.6	0.85	93.14
74.0-75.0	5.9	0.6	73.2	0.79	93.94
75.0-76.0	5.4	0.6	73.8	0.74	94.67
76.0-77.0	5.0	0.5	74.3	0.68	95.36
77.0-78.0	4.6	0.5	74.8	0.63	95.98
78.0-79.0	4.2	0.4	75.3	0.57	96.56
79.0-80.0	3.8	0.4	75.7	0.52	97.08
80.0-81.0	3.4	0.4	76.0	0.47	97.54
81.0-82.0	3.0	0.3	76.4	0.41	97.96
82.0-83.0	2.6	0.3	76.7	0.36	98.32
83.0-84.0	2.2	0.2	76.9	0.31	98.63
84.0-85.0	1.9	0.2	77.1	0.27	98.90
85.0-86.0	1.6	0.2	77.3	0.22	99.12
86.0-87.0	1.3	0.1	77.4	0.18	99.31
87.0-88.0	1.0	0.1	77.5	0.15	99.45
88.0-89.0	0.8	0.1	77.6	0.11	99.56
89.0-90.0	0.6	0.1	77.7	0.08	99.64
90.0-91.0	0.4	0.0	77.7	0.06	99.70
91.0-92.0	0.3	0.0	77.8	0.04	99.74
92.0-93.0	0.2	0.0	77.8	0.03	99.77
93.0-94.0	0.1	0.0	77.8	0.02	99.79
94.0-95.0	0.1	0.0	77.8	0.01	99.80
95.0-96.0	0.1	0.0	77.8	0.01	99.81
96.0-97.0	0.0	0.0	77.8	0.00	99.81
97.0-98.0	0.0	0.0	77.8	0.00	99.82
98.0-99.0	0.0	0.0	77.8	0.00	99.82
99.0-100.0	0.0	0.0	77.8	0.00	99.82
100.0-101.0	0.0	0.0	77.8	0.00	99.82
101.0-102.0	0.0	0.0	77.8	0.00	99.82
102.0-103.0	0.0	0.0	77.8	0.00	99.82
103.0-104.0	0.0	0.0	77.8	0.00	99.82
104.0-105.0	0.0	0.0	77.8	0.00	99.82
105.0-106.0	0.0	0.0	77.8	0.00	99.82
106.0-107.0	0.0	0.0	77.8	0.00	99.82
107.0-108.0	0.0	0.0	77.8	0.00	99.82

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:

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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	0.0	0.0	77.8	0.00	99.82
109.0-110.0	0.0	0.0	77.8	0.00	99.82
110.0-111.0	0.0	0.0	77.8	0.00	99.82
111.0-112.0	0.0	0.0	77.8	0.00	99.82
112.0-113.0	0.0	0.0	77.8	0.00	99.82
113.0-114.0	0.0	0.0	77.8	0.00	99.82
114.0-115.0	0.0	0.0	77.8	0.00	99.83
115.0-116.0	0.0	0.0	77.8	0.00	99.83
116.0-117.0	0.0	0.0	77.8	0.00	99.83
117.0-118.0	0.0	0.0	77.8	0.00	99.83
118.0-119.0	0.0	0.0	77.8	0.00	99.83
119.0-120.0	0.0	0.0	77.8	0.00	99.83
120.0-121.0	0.0	0.0	77.8	0.00	99.84
121.0-122.0	0.0	0.0	77.8	0.00	99.84
122.0-123.0	0.0	0.0	77.8	0.00	99.84
123.0-124.0	0.0	0.0	77.8	0.00	99.84
124.0-125.0	0.0	0.0	77.8	0.00	99.85
125.0-126.0	0.0	0.0	77.8	0.00	99.85
126.0-127.0	0.0	0.0	77.8	0.00	99.85
127.0-128.0	0.0	0.0	77.9	0.00	99.85
128.0-129.0	0.0	0.0	77.9	0.00	99.86
129.0-130.0	0.0	0.0	77.9	0.00	99.86
130.0-131.0	0.0	0.0	77.9	0.00	99.86
131.0-132.0	0.0	0.0	77.9	0.00	99.87
132.0-133.0	0.0	0.0	77.9	0.00	99.87
133.0-134.0	0.0	0.0	77.9	0.00	99.87
134.0-135.0	0.0	0.0	77.9	0.00	99.88
135.0-136.0	0.0	0.0	77.9	0.00	99.88
136.0-137.0	0.0	0.0	77.9	0.00	99.88
137.0-138.0	0.0	0.0	77.9	0.00	99.89
138.0-139.0	0.0	0.0	77.9	0.00	99.89
139.0-140.0	0.0	0.0	77.9	0.00	99.89
140.0-141.0	0.0	0.0	77.9	0.00	99.90
141.0-142.0	0.0	0.0	77.9	0.00	99.90
142.0-143.0	0.0	0.0	77.9	0.00	99.90
143.0-144.0	0.0	0.0	77.9	0.00	99.91

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:

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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	0.0	0.0	77.9	0.00	99.91
145.0-146.0	0.0	0.0	77.9	0.00	99.92
146.0-147.0	0.0	0.0	77.9	0.00	99.92
147.0-148.0	0.1	0.0	77.9	0.00	99.92
148.0-149.0	0.1	0.0	77.9	0.00	99.93
149.0-150.0	0.1	0.0	77.9	0.00	99.93
150.0-151.0	0.1	0.0	77.9	0.00	99.94
151.0-152.0	0.1	0.0	77.9	0.00	99.94
152.0-153.0	0.1	0.0	77.9	0.00	99.94
153.0-154.0	0.1	0.0	77.9	0.00	99.95
154.0-155.0	0.1	0.0	77.9	0.00	99.95
155.0-156.0	0.1	0.0	77.9	0.00	99.95
156.0-157.0	0.1	0.0	77.9	0.00	99.96
157.0-158.0	0.1	0.0	77.9	0.00	99.96
158.0-159.0	0.1	0.0	77.9	0.00	99.96
159.0-160.0	0.1	0.0	77.9	0.00	99.97
160.0-161.0	0.1	0.0	77.9	0.00	99.97
161.0-162.0	0.1	0.0	77.9	0.00	99.97
162.0-163.0	0.1	0.0	77.9	0.00	99.98
163.0-164.0	0.1	0.0	77.9	0.00	99.98
164.0-165.0	0.1	0.0	78.0	0.00	99.98
165.0-166.0	0.1	0.0	78.0	0.00	99.98
166.0-167.0	0.1	0.0	78.0	0.00	99.99
167.0-168.0	0.1	0.0	78.0	0.00	99.99
168.0-169.0	0.1	0.0	78.0	0.00	99.99
169.0-170.0	0.1	0.0	78.0	0.00	99.99
170.0-171.0	0.1	0.0	78.0	0.00	99.99
171.0-172.0	0.1	0.0	78.0	0.00	99.99
172.0-173.0	0.1	0.0	78.0	0.00	100.00
173.0-174.0	0.1	0.0	78.0	0.00	100.00
174.0-175.0	0.1	0.0	78.0	0.00	100.00
175.0-176.0	0.1	0.0	78.0	0.00	100.00
176.0-177.0	0.1	0.0	78.0	0.00	100.00
177.0-178.0	0.1	0.0	78.0	0.00	100.00
178.0-179.0	0.1	0.0	78.0	0.00	100.00
179.0-180.0	0.1	0.0	78.0	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: