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Email: sales-us@genledbrands.com

Report No.: **Test Time: 2019/11/30 14:53**

Luminaire Property

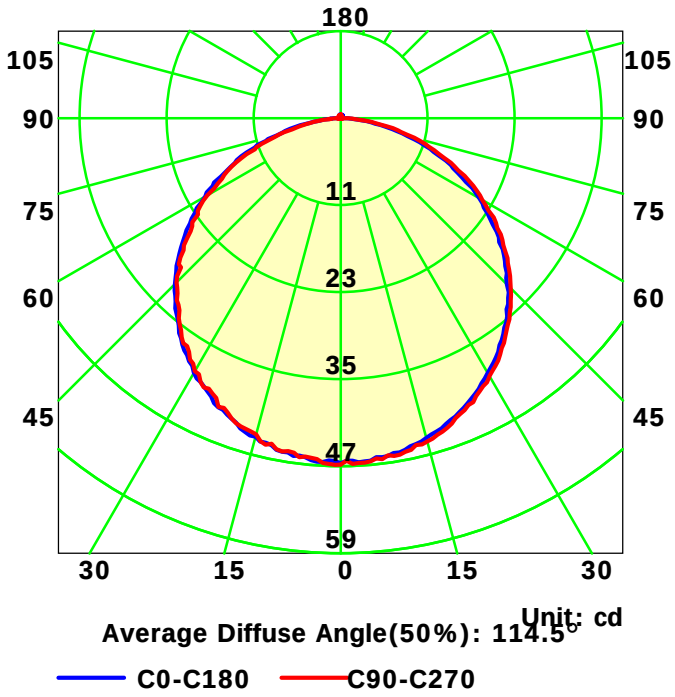
Luminaire Manufacturer:
Luminaire Category: RBMC9020241.020-140
Luminaire Description: RBMC9020241.020-140
Luminous Length (mm): 500 **Luminous Width (mm): 5**
Luminous Height (mm): 1 **Voltage: 24.0 V**
Current: 0.065 A **Power: 1.57 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 140.0 lm**
Measurement Flux: 140 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H161.8,H114.8
Vertical Diffuse Angle(10%,50%): V161.9,V114.2
Luminaire Efficacy Rating (LER): 89 **Central Intensity: 47.43 cd**
Max. Intensity: 47.67 cd **Pos of Max. Intensity: H270 V1**

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: Zk **Inspector:**

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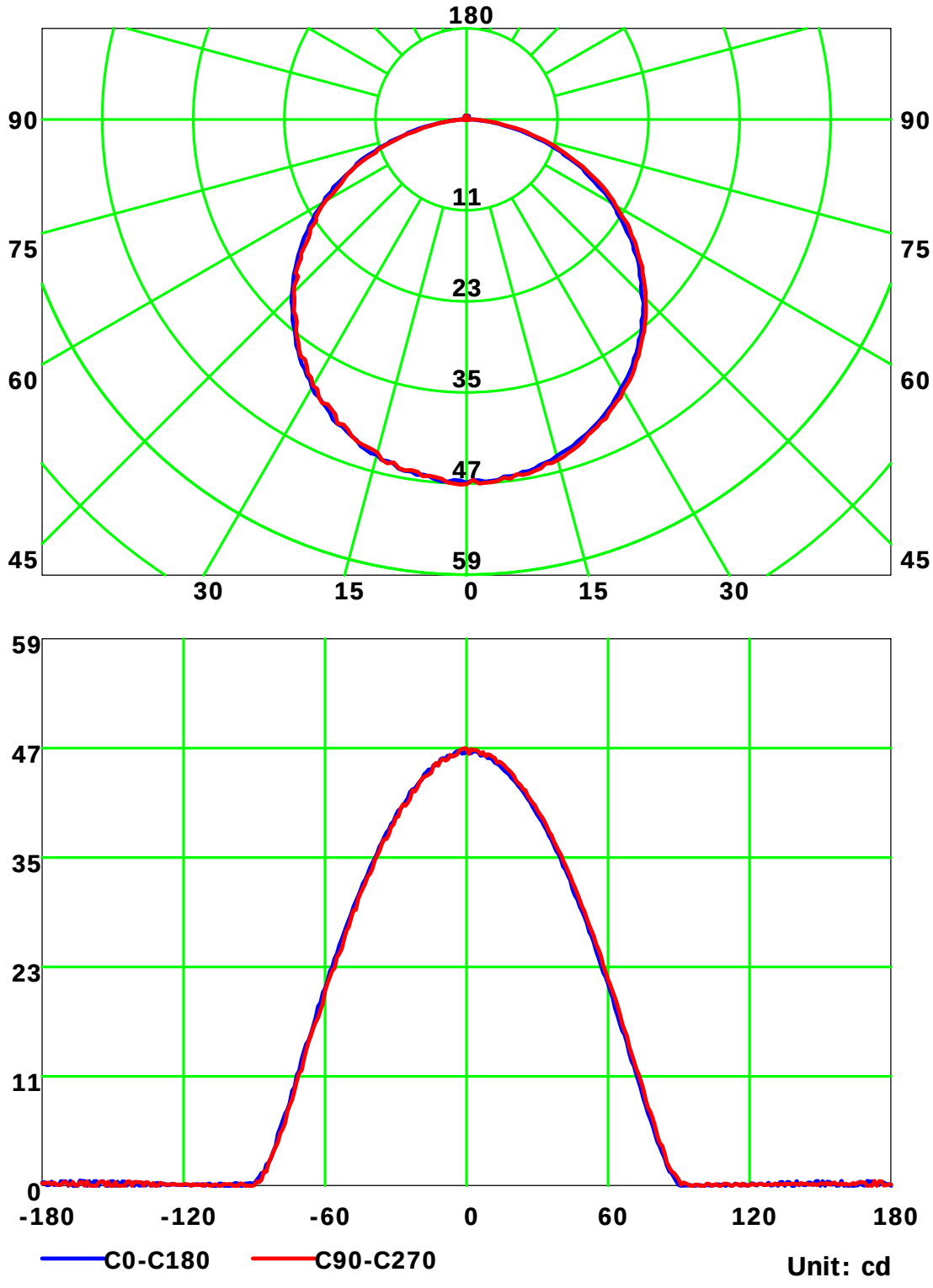
Luminous Intensity Distribution Curve



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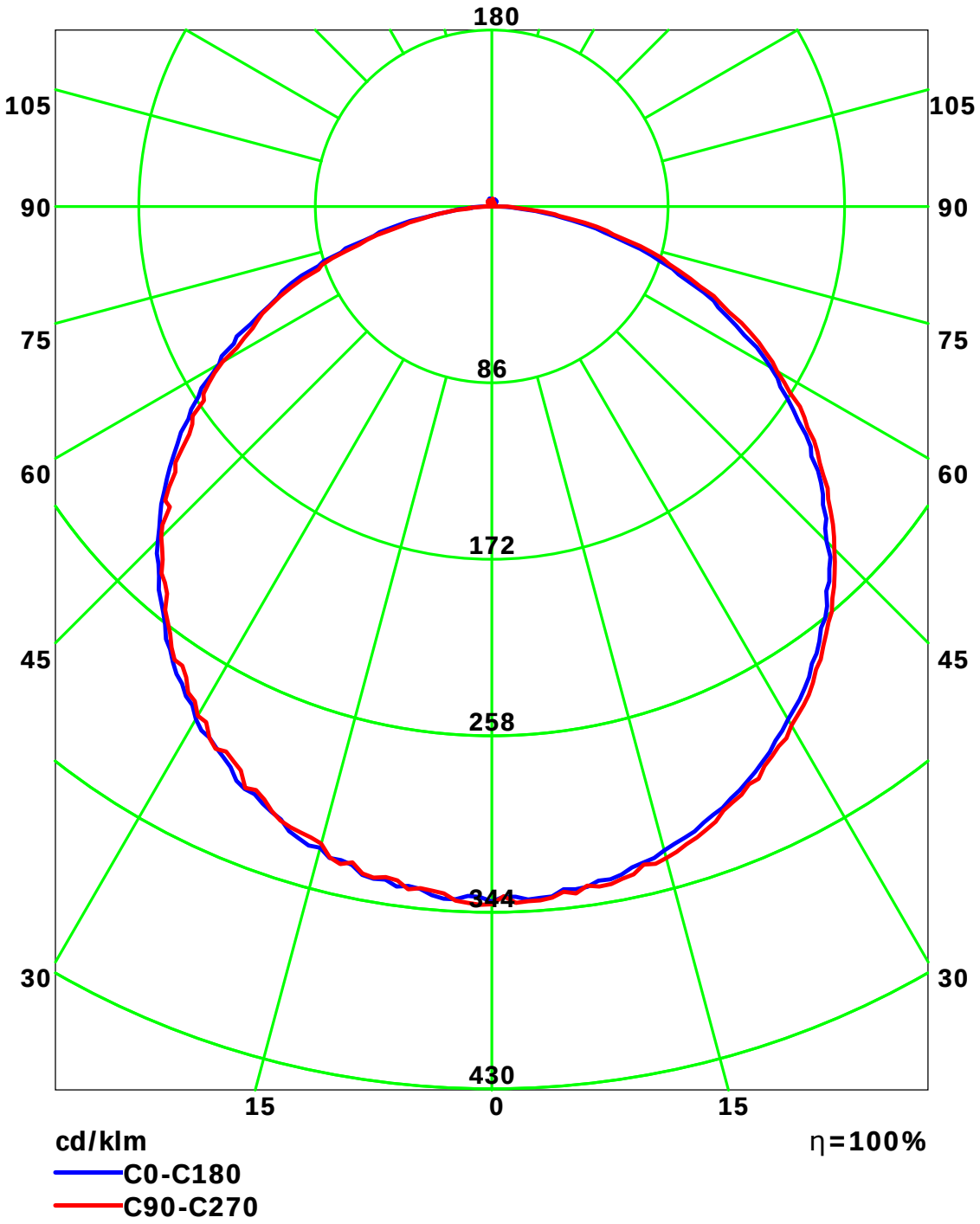
Luminous Intensity Distribution Curve(cd/klm)



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
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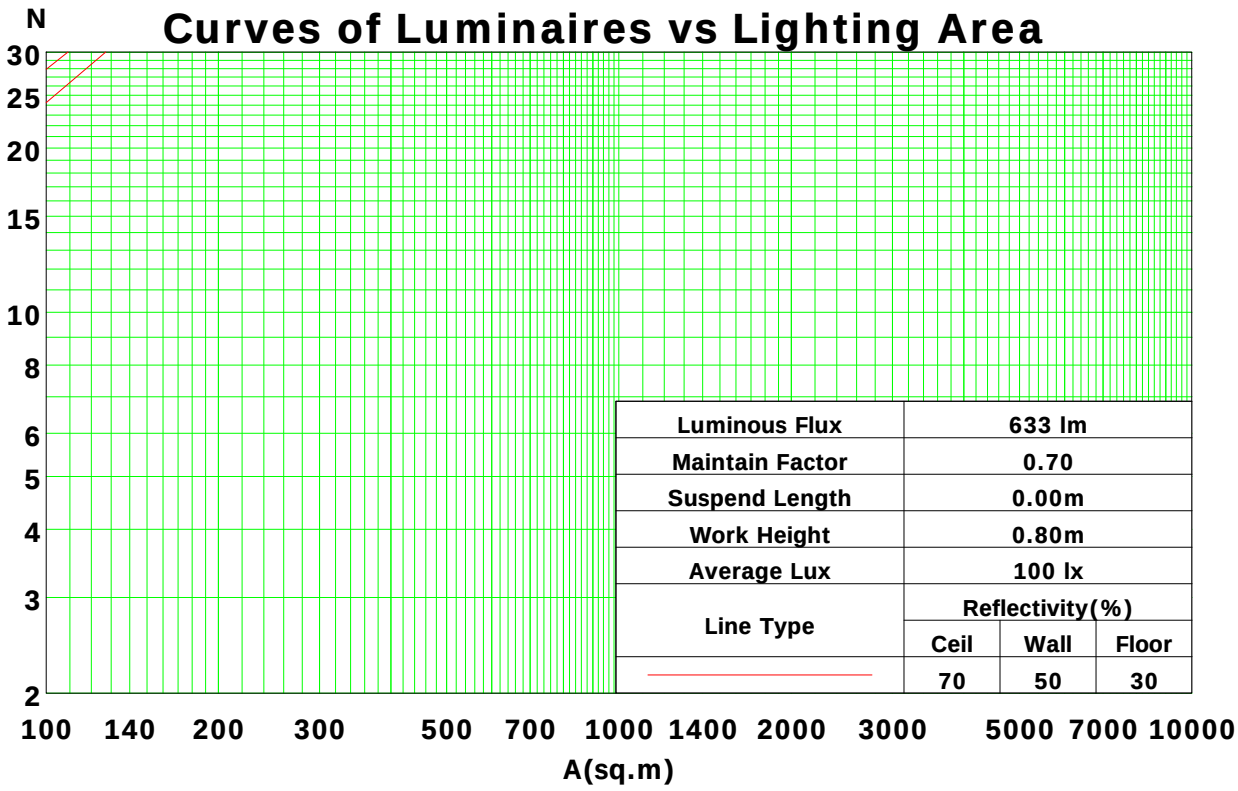
Coefficients Of Utilization - Zonal Cavity Method

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	101	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	26	36	30	25	36	30	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: Zk

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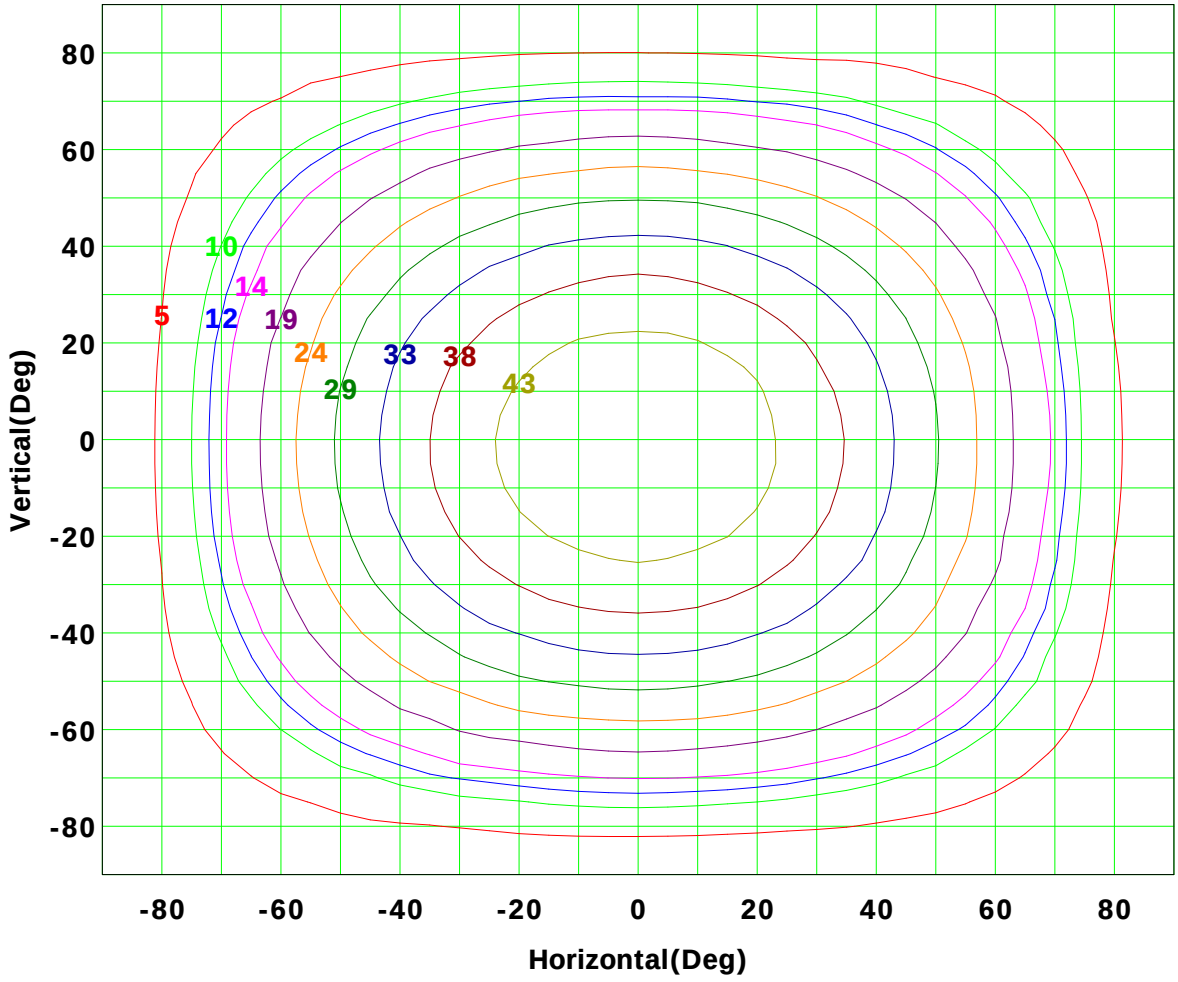
Isocandela (rectangle)



Imax (100%): 48 cd

(10%):	5 cd	(20%):	10 cd
(25%):	12 cd	(30%):	14 cd
(40%):	19 cd	(50%):	24 cd
(60%):	29 cd	(70%):	33 cd
(80%):	38 cd	(90%):	43 cd

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

Gamma Plane (°):0.0-180.0:1.0
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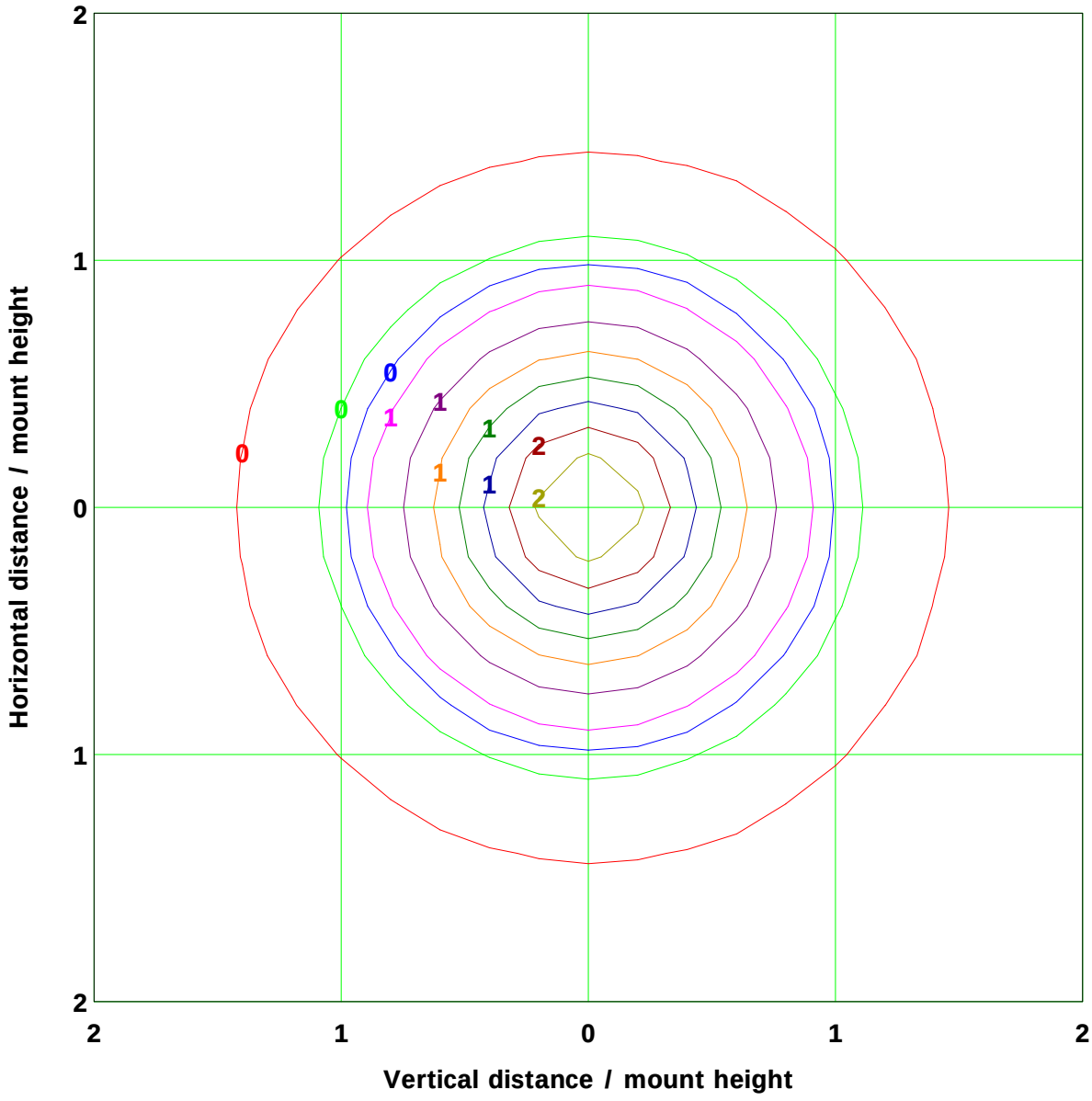
IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 1.9 lx

(10%): 0.2 lx	(20%): 0.4 lx
(25%): 0.5 lx	(30%): 0.6 lx
(40%): 0.8 lx	(50%): 1.0 lx
(60%): 1.1 lx	(70%): 1.3 lx
(80%): 1.5 lx	(90%): 1.7 lx

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

Gamma Plane (°):0.0-180.0:1.0
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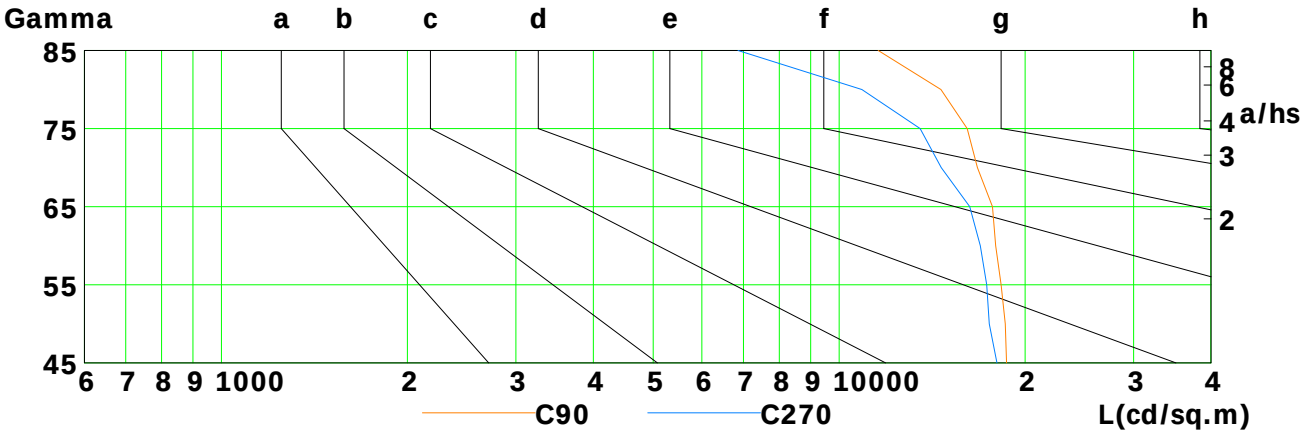
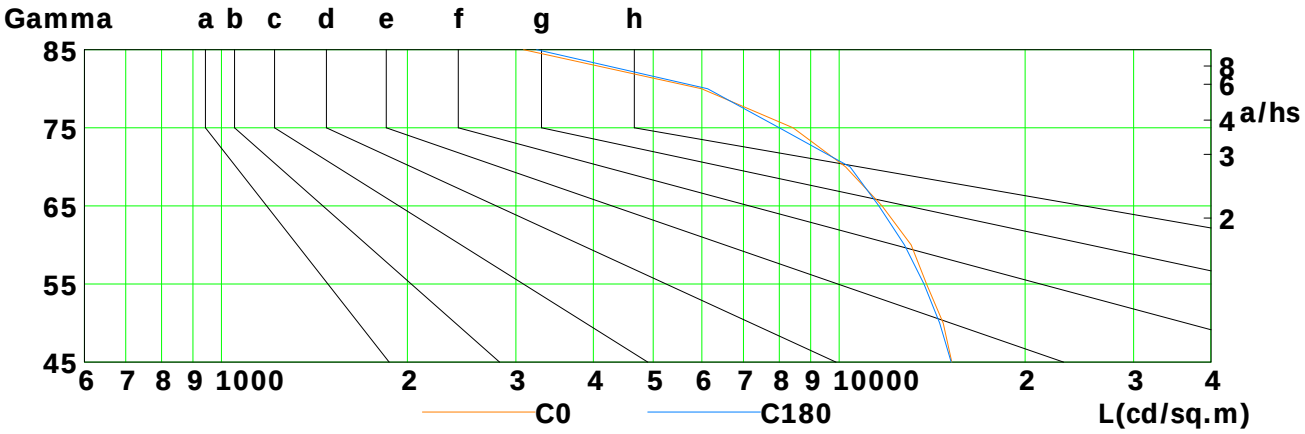
Lum Limit Curve

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	15231	14744	13854	13090	11744	10250	8425	5990	3087
C90	18664	18587	18296	17922	17727	16761	16123	14623	11576
C180	15198	14553	13724	12769	11598	10423	8009	6130	3240
C270	18026	17513	17343	16925	16285	14644	13530	10887	6865

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
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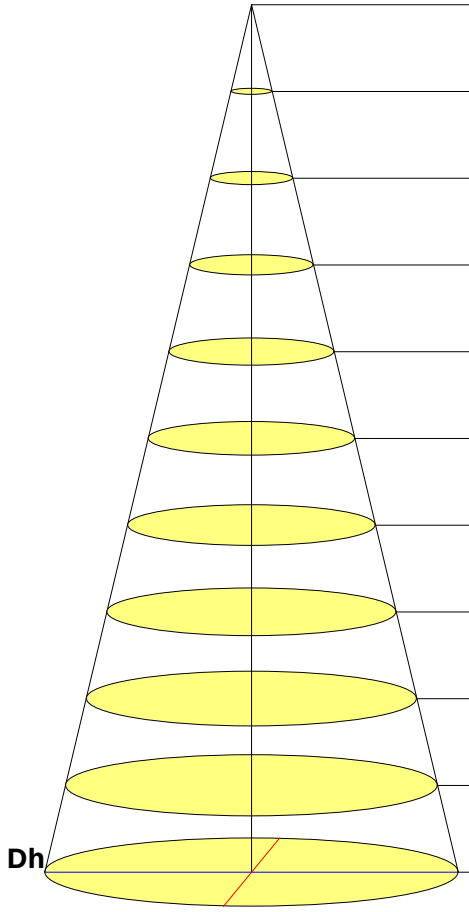
Illuminance at a Distance



Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	47.43	3.12/3.09	7.7	7.36
2.0	11.86	6.25/6.18	30.8	1.84
3.0	5.27	9.37/9.27	69.4	0.82
4.0	2.96	12.50/12.36	123.4	0.46
5.0	1.90	15.62/15.45	192.8	0.29
6.0	1.32	18.75/18.54	277.6	0.20
7.0	0.97	21.87/21.63	377.8	0.15
8.0	0.74	25.00/24.72	493.5	0.12
9.0	0.59	28.12/27.81	624.6	0.09
10.0	0.47	31.25/30.90	771.1	0.07

Beam Angle(B): H114.8 V114.2 Field Angle(F): H161.8 V161.9

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Test Type: TYPE C
Temperature: 25
Operator: Zk

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

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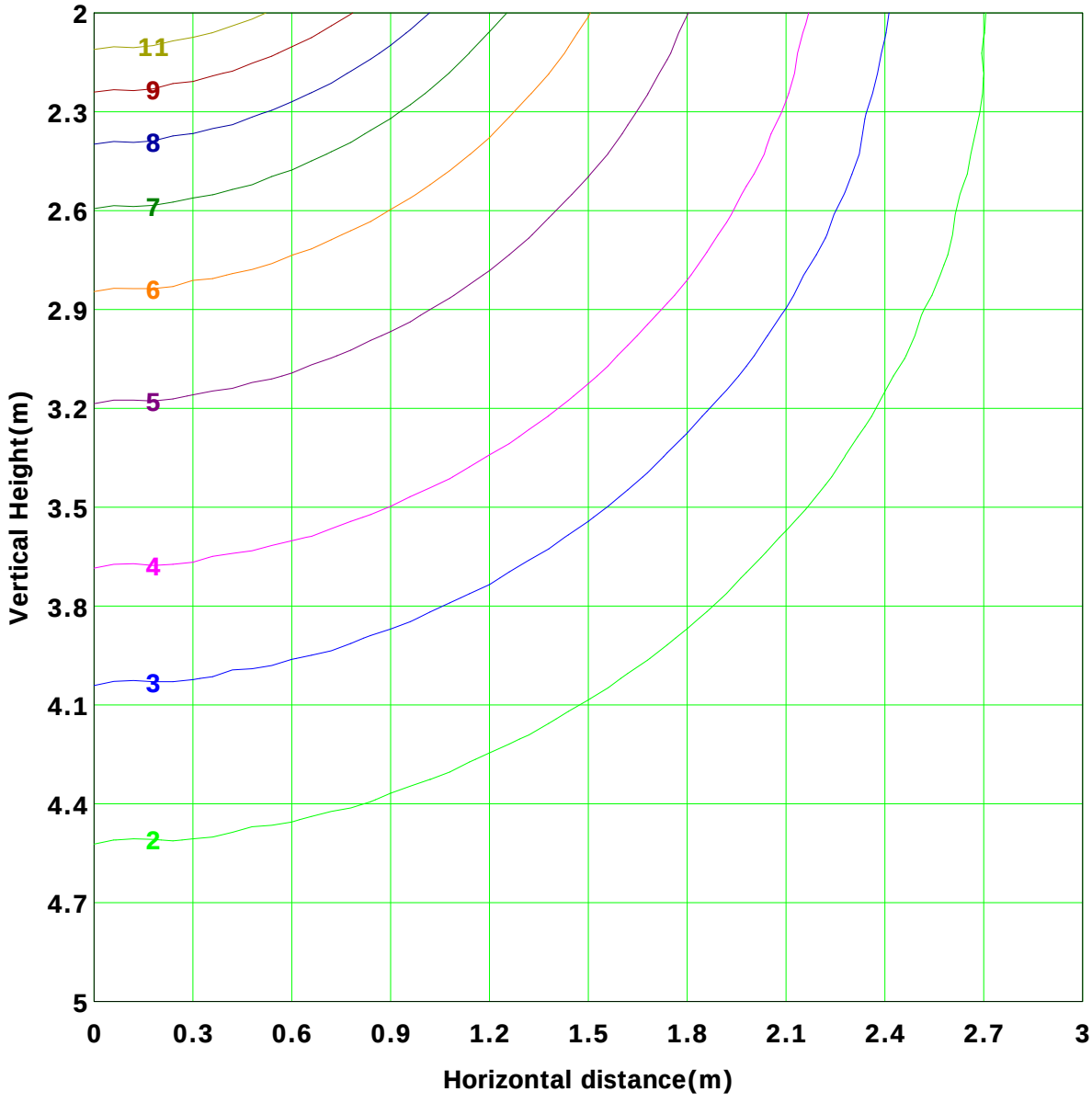
Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 11.9 lx

(10%): 1.2 lx	(20%): 2.4 lx
(25%): 3.0 lx	(30%): 3.6 lx
(40%): 4.7 lx	(50%): 5.9 lx
(60%): 7.1 lx	(70%): 8.3 lx
(80%): 9.5 lx	(90%): 10.7 lx

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Test Type: TYPE C
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Area Flux Table

Unit: lm

Vertical plane (rows) / Horizontal plane (columns)

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
-80	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.3	2.0
-70	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.4	4.4
-60	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	6.5	6.5
-50	0.0	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.1	0.0	0.0	8.4	8.4
-40	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.1	1.1	1.1	0.9	0.7	0.5	0.3	0.2	0.1	0.0	10.0	10.0
-30	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.6	0.4	0.2	0.1	0.0	11.2	11.2
-20	0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.7	0.4	0.2	0.1	0.0	12.1	12.1
-10	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.3	1.4	1.4	1.3	1.2	0.9	0.7	0.4	0.2	0.1	0.0	12.6	12.6
0	0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.3	1.4	1.4	1.3	1.2	0.9	0.7	0.4	0.2	0.1	0.0	12.6	12.6
10	0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.7	0.4	0.2	0.1	0.0	12.3	12.3
20	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.4	0.2	0.1	0.0	11.5	11.5
30	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0	10.3	10.3
40	0.0	0.0	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.1	0.0	8.8	8.8
50	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	7.0	6.9
60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	4.9	4.8
70	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	2.7	2.5
80	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.2
Flux(T)	0.1	0.8	2.4	4.8	7.6	10.4	12.9	14.7	15.7	15.7	14.7	12.9	10.4	7.6	4.8	2.5	0.8	0.1	139	
Flux(E)	0.0	0.7	2.3	4.7	7.4	10.2	12.7	14.6	15.6	15.6	14.6	12.8	10.3	7.5	4.7	2.4	0.7	0.0		137

C Plane (°):0.0-360.0: 30.0
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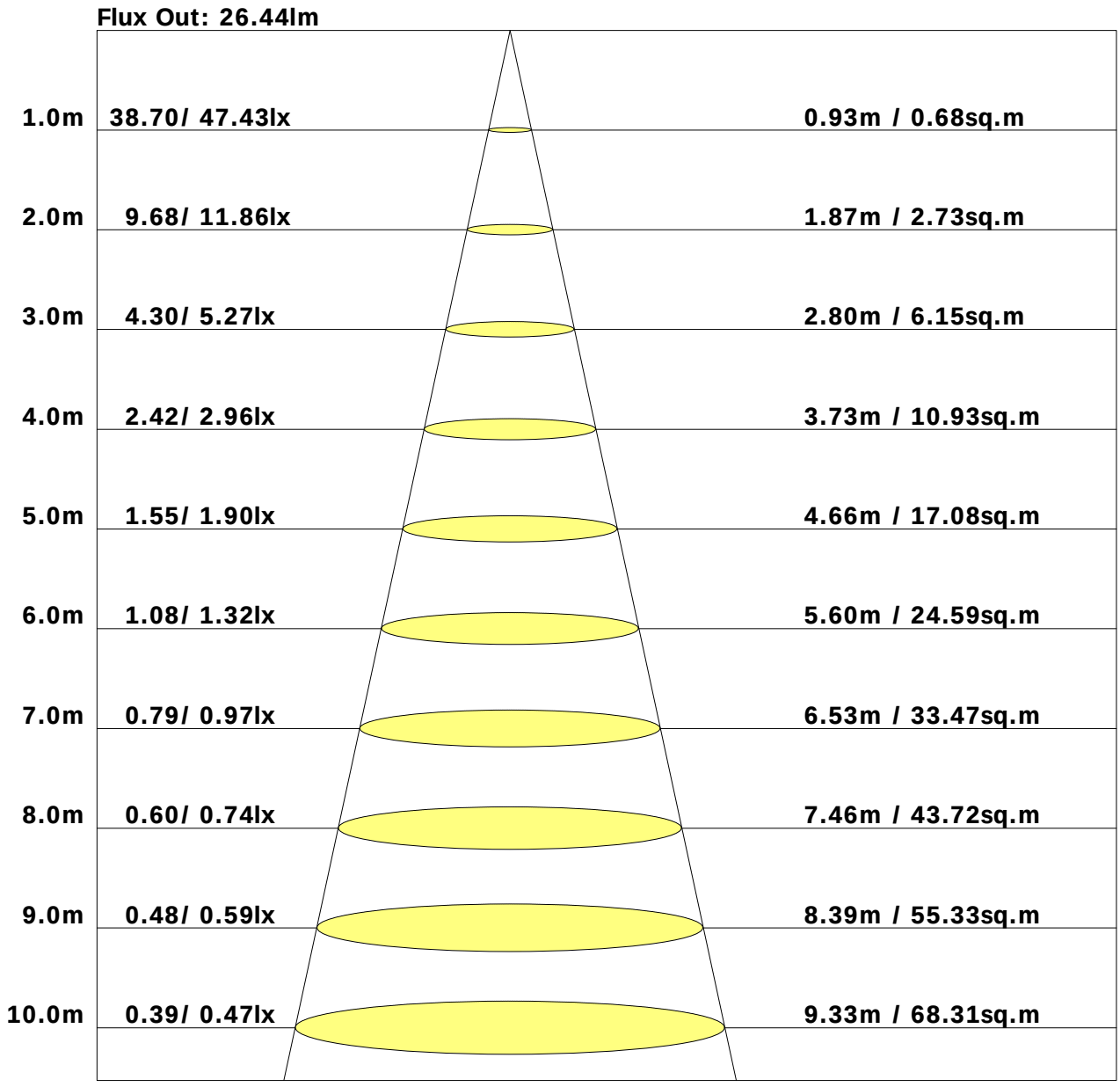
The Average Illuminance Effective Figure



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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	28.7	30.3	29.0	30.6	31.0	28.3	30.0	28.7	30.3	30.6
3H	30.5	32.0	30.9	32.4	32.7	30.0	31.5	30.4	31.9	32.2
4H	31.2	32.6	31.6	33.0	33.4	30.6	32.0	31.0	32.4	32.8
6H	31.7	33.0	32.1	33.4	33.8	31.0	32.3	31.5	32.7	33.1
8H	31.9	33.1	32.3	33.5	33.9	31.1	32.4	31.6	32.8	33.2
12H	31.9	33.1	32.4	33.5	34.0	31.2	32.4	31.6	32.8	33.2
X=4H Y=2H	29.2	30.6	29.6	31.0	31.4	29.0	30.4	29.4	30.8	31.1
3H	31.3	32.4	31.7	32.9	33.3	30.9	32.1	31.3	32.5	32.9
4H	32.1	33.1	32.5	33.6	34.0	31.6	32.7	32.0	33.1	33.5
6H	32.7	33.6	33.1	34.0	34.5	32.1	33.0	32.6	33.5	34.0
8H	32.8	33.7	33.3	34.2	34.6	32.2	33.1	32.7	33.6	34.0
12H	33.0	33.7	33.5	34.2	34.7	32.3	33.1	32.8	33.6	34.1
X=8H Y=4H	32.3	33.2	32.8	33.6	34.1	31.9	32.8	32.4	33.2	33.7
6H	32.9	33.7	33.5	34.2	34.7	32.5	33.2	33.0	33.7	34.2
8H	33.2	33.8	33.7	34.4	34.9	32.7	33.3	33.2	33.9	34.4
12H	33.4	33.9	33.9	34.4	35.0	32.8	33.4	33.3	33.9	34.5
X=12H Y=4H	32.3	33.1	32.8	33.6	34.1	31.9	32.7	32.4	33.2	33.7
6H	33.0	33.6	33.5	34.1	34.7	32.6	33.2	33.1	33.7	34.2
8H	33.3	33.8	33.8	34.3	34.9	32.8	33.4	33.3	33.9	34.4

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
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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	0.56	0.66	0.73	0.79	0.86	0.92	0.95	1.00	1.03
	0.30		0.48	0.58	0.66	0.72	0.80	0.86	0.90	0.96	0.99
	0.20		0.42	0.52	0.60	0.66	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.98
	0.30		0.47	0.57	0.64	0.70	0.78	0.83	0.87	0.92	0.95
	0.20		0.41	0.52	0.59	0.65	0.73	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.52	0.62	0.69	0.73	0.80	0.85	0.88	0.92	0.94
	0.30		0.46	0.56	0.63	0.68	0.76	0.81	0.84	0.89	0.92
	0.20		0.41	0.51	0.58	0.64	0.72	0.77	0.81	0.86	0.90
0.00	0.00	0.00	0.39	0.48	0.55	0.61	0.68	0.73	0.77	0.82	0.85

Rating:2W 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: Zk

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

ACOLYTE
www.GENLEDBrands.com/Acolyte
Tel: +1 212 629 6830 (USA)
Email: sales-us@genledbrands.com

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	1.01	0.84	0.71	0.62	0.50	0.41	0.35	0.27	0.22
	0.30		0.84	0.72	0.62	0.55	0.45	0.38	0.33	0.26	0.21
	0.20		0.72	0.63	0.55	0.49	0.41	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.98	0.80	0.68	0.60	0.47	0.43	0.34	0.26	0.21
	0.30		0.83	0.70	0.60	0.53	0.43	0.36	0.31	0.25	0.20
	0.20		0.72	0.62	0.54	0.48	0.40	0.34	0.30	0.23	0.20
0.30	0.50	0.20	0.95	0.77	0.66	0.57	0.45	0.38	0.32	0.25	0.20
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20
	0.20		0.71	0.61	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.00	0.00	0.00	0.61	0.51	0.44	0.39	0.31	0.26	0.23	0.18	0.15

Rating:2W 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: Zk

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 = 1.25								
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:2W 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: Zk

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	47.3	0.0	0.0	0.03	0.03
1.0-2.0	47.3	0.1	0.2	0.10	0.13
2.0-3.0	47.3	0.2	0.4	0.16	0.29
3.0-4.0	47.3	0.3	0.7	0.23	0.52
4.0-5.0	47.2	0.4	1.1	0.29	0.81
5.0-6.0	47.1	0.5	1.6	0.35	1.16
6.0-7.0	47.0	0.6	2.2	0.42	1.58
7.0-8.0	46.9	0.7	2.9	0.48	2.06
8.0-9.0	46.8	0.8	3.6	0.54	2.60
9.0-10.0	46.6	0.8	4.5	0.60	3.20
10.0-11.0	46.5	0.9	5.4	0.66	3.86
11.0-12.0	46.3	1.0	6.4	0.72	4.59
12.0-13.0	46.1	1.1	7.5	0.78	5.37
13.0-14.0	45.9	1.2	8.7	0.84	6.21
14.0-15.0	45.7	1.3	9.9	0.90	7.10
15.0-16.0	45.4	1.3	11.3	0.95	8.05
16.0-17.0	45.2	1.4	12.7	1.01	9.06
17.0-18.0	45.0	1.5	14.2	1.06	10.12
18.0-19.0	44.7	1.6	15.7	1.11	11.23
19.0-20.0	44.4	1.6	17.3	1.16	12.39
20.0-21.0	44.0	1.7	19.0	1.21	13.60
21.0-22.0	43.7	1.8	20.8	1.25	14.85
22.0-23.0	43.4	1.8	22.6	1.30	16.15
23.0-24.0	43.1	1.9	24.5	1.34	17.50
24.0-25.0	42.7	1.9	26.4	1.39	18.88
25.0-26.0	42.3	2.0	28.4	1.43	20.31
26.0-27.0	41.9	2.0	30.5	1.46	21.77
27.0-28.0	41.5	2.1	32.6	1.50	23.27
28.0-29.0	41.1	2.2	34.7	1.54	24.81
29.0-30.0	40.7	2.2	36.9	1.57	26.37
30.0-31.0	40.2	2.2	39.2	1.60	27.97
31.0-32.0	39.7	2.3	41.4	1.63	29.60
32.0-33.0	39.3	2.3	43.8	1.65	31.25
33.0-34.0	38.8	2.3	46.1	1.68	32.93
34.0-35.0	38.3	2.4	48.5	1.70	34.62
35.0-36.0	37.8	2.4	50.9	1.72	36.34

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

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	37.3	2.4	53.3	1.74	38.08
37.0-38.0	36.8	2.5	55.8	1.75	39.83
38.0-39.0	36.2	2.5	58.2	1.77	41.60
39.0-40.0	35.6	2.5	60.7	1.77	43.37
40.0-41.0	35.1	2.5	63.2	1.78	45.16
41.0-42.0	34.5	2.5	65.7	1.79	46.95
42.0-43.0	33.9	2.5	68.3	1.79	48.74
43.0-44.0	33.3	2.5	70.8	1.79	50.54
44.0-45.0	32.7	2.5	73.3	1.79	52.33
45.0-46.0	32.1	2.5	75.8	1.79	54.12
46.0-47.0	31.4	2.5	78.3	1.79	55.91
47.0-48.0	30.8	2.5	80.8	1.78	57.69
48.0-49.0	30.1	2.5	83.2	1.77	59.45
49.0-50.0	29.5	2.5	85.7	1.75	61.21
50.0-51.0	28.8	2.4	88.1	1.74	62.95
51.0-52.0	28.1	2.4	90.5	1.72	64.67
52.0-53.0	27.4	2.4	92.9	1.70	66.37
53.0-54.0	26.7	2.4	95.3	1.68	68.05
54.0-55.0	25.9	2.3	97.6	1.65	69.70
55.0-56.0	25.1	2.3	99.9	1.62	71.32
56.0-57.0	24.5	2.2	102.1	1.60	72.92
57.0-58.0	23.8	2.2	104.3	1.57	74.49
58.0-59.0	23.0	2.1	106.4	1.53	76.02
59.0-60.0	22.1	2.1	108.5	1.49	77.51
60.0-61.0	21.4	2.0	110.6	1.46	78.97
61.0-62.0	20.6	2.0	112.6	1.42	80.39
62.0-63.0	19.9	1.9	114.5	1.38	81.77
63.0-64.0	19.1	1.9	116.4	1.34	83.10
64.0-65.0	18.3	1.8	118.2	1.29	84.40
65.0-66.0	17.5	1.7	119.9	1.24	85.64
66.0-67.0	16.6	1.7	121.6	1.19	86.83
67.0-68.0	15.8	1.6	123.2	1.14	87.98
68.0-69.0	15.0	1.5	124.7	1.09	89.07
69.0-70.0	14.1	1.5	126.2	1.04	90.11
70.0-71.0	13.2	1.4	127.5	0.98	91.08
71.0-72.0	12.4	1.3	128.8	0.92	92.00

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

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	11.6	1.2	130.0	0.87	92.87
73.0-74.0	10.9	1.1	131.2	0.81	93.69
74.0-75.0	10.0	1.1	132.2	0.76	94.44
75.0-76.0	9.1	1.0	133.2	0.69	95.13
76.0-77.0	8.3	0.9	134.1	0.63	95.76
77.0-78.0	7.5	0.8	134.9	0.57	96.34
78.0-79.0	6.8	0.7	135.6	0.52	96.86
79.0-80.0	6.0	0.6	136.3	0.46	97.32
80.0-81.0	5.2	0.6	136.8	0.40	97.72
81.0-82.0	4.5	0.5	137.3	0.34	98.06
82.0-83.0	3.8	0.4	137.7	0.30	98.36
83.0-84.0	3.2	0.3	138.1	0.25	98.61
84.0-85.0	2.6	0.3	138.4	0.20	98.81
85.0-86.0	2.0	0.2	138.6	0.16	98.97
86.0-87.0	1.5	0.2	138.7	0.12	99.09
87.0-88.0	1.1	0.1	138.9	0.08	99.17
88.0-89.0	0.7	0.1	138.9	0.06	99.23
89.0-90.0	0.5	0.1	139.0	0.04	99.27
90.0-91.0	0.3	0.0	139.0	0.02	99.29
91.0-92.0	0.2	0.0	139.0	0.01	99.30
92.0-93.0	0.2	0.0	139.1	0.01	99.31
93.0-94.0	0.1	0.0	139.1	0.01	99.33
94.0-95.0	0.1	0.0	139.1	0.01	99.33
95.0-96.0	0.1	0.0	139.1	0.01	99.34
96.0-97.0	0.1	0.0	139.1	0.01	99.35
97.0-98.0	0.1	0.0	139.1	0.01	99.35
98.0-99.0	0.1	0.0	139.1	0.01	99.36
99.0-100.0	0.1	0.0	139.1	0.01	99.37
100.0-101.0	0.1	0.0	139.1	0.01	99.37
101.0-102.0	0.1	0.0	139.2	0.01	99.38
102.0-103.0	0.1	0.0	139.2	0.01	99.39
103.0-104.0	0.1	0.0	139.2	0.01	99.40
104.0-105.0	0.1	0.0	139.2	0.01	99.41
105.0-106.0	0.1	0.0	139.2	0.01	99.42
106.0-107.0	0.1	0.0	139.2	0.01	99.43
107.0-108.0	0.1	0.0	139.2	0.01	99.44

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

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	0.1	0.0	139.2	0.01	99.44
109.0-110.0	0.1	0.0	139.3	0.01	99.45
110.0-111.0	0.1	0.0	139.3	0.01	99.46
111.0-112.0	0.1	0.0	139.3	0.01	99.47
112.0-113.0	0.1	0.0	139.3	0.01	99.48
113.0-114.0	0.1	0.0	139.3	0.01	99.49
114.0-115.0	0.1	0.0	139.3	0.01	99.50
115.0-116.0	0.1	0.0	139.3	0.01	99.51
116.0-117.0	0.1	0.0	139.3	0.01	99.51
117.0-118.0	0.1	0.0	139.4	0.01	99.52
118.0-119.0	0.1	0.0	139.4	0.01	99.53
119.0-120.0	0.1	0.0	139.4	0.01	99.54
120.0-121.0	0.2	0.0	139.4	0.01	99.55
121.0-122.0	0.2	0.0	139.4	0.01	99.56
122.0-123.0	0.1	0.0	139.4	0.01	99.57
123.0-124.0	0.2	0.0	139.4	0.01	99.58
124.0-125.0	0.2	0.0	139.5	0.01	99.60
125.0-126.0	0.2	0.0	139.5	0.01	99.61
126.0-127.0	0.2	0.0	139.5	0.01	99.62
127.0-128.0	0.2	0.0	139.5	0.01	99.63
128.0-129.0	0.2	0.0	139.5	0.01	99.64
129.0-130.0	0.2	0.0	139.5	0.01	99.65
130.0-131.0	0.2	0.0	139.5	0.01	99.66
131.0-132.0	0.1	0.0	139.6	0.01	99.67
132.0-133.0	0.2	0.0	139.6	0.01	99.68
133.0-134.0	0.2	0.0	139.6	0.01	99.69
134.0-135.0	0.2	0.0	139.6	0.01	99.70
135.0-136.0	0.2	0.0	139.6	0.01	99.71
136.0-137.0	0.2	0.0	139.6	0.01	99.72
137.0-138.0	0.2	0.0	139.7	0.01	99.74
138.0-139.0	0.2	0.0	139.7	0.01	99.75
139.0-140.0	0.2	0.0	139.7	0.01	99.76
140.0-141.0	0.2	0.0	139.7	0.01	99.77
141.0-142.0	0.2	0.0	139.7	0.01	99.78
142.0-143.0	0.2	0.0	139.7	0.01	99.79
143.0-144.0	0.2	0.0	139.7	0.01	99.80

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

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	0.2	0.0	139.8	0.01	99.81
145.0-146.0	0.2	0.0	139.8	0.01	99.82
146.0-147.0	0.2	0.0	139.8	0.01	99.83
147.0-148.0	0.2	0.0	139.8	0.01	99.84
148.0-149.0	0.2	0.0	139.8	0.01	99.84
149.0-150.0	0.2	0.0	139.8	0.01	99.85
150.0-151.0	0.2	0.0	139.8	0.01	99.86
151.0-152.0	0.2	0.0	139.8	0.01	99.87
152.0-153.0	0.2	0.0	139.9	0.01	99.88
153.0-154.0	0.2	0.0	139.9	0.01	99.89
154.0-155.0	0.3	0.0	139.9	0.01	99.90
155.0-156.0	0.2	0.0	139.9	0.01	99.90
156.0-157.0	0.2	0.0	139.9	0.01	99.91
157.0-158.0	0.2	0.0	139.9	0.01	99.92
158.0-159.0	0.2	0.0	139.9	0.01	99.92
159.0-160.0	0.2	0.0	139.9	0.01	99.93
160.0-161.0	0.3	0.0	139.9	0.01	99.94
161.0-162.0	0.3	0.0	139.9	0.01	99.94
162.0-163.0	0.3	0.0	140.0	0.01	99.95
163.0-164.0	0.3	0.0	140.0	0.01	99.96
164.0-165.0	0.2	0.0	140.0	0.00	99.96
165.0-166.0	0.2	0.0	140.0	0.00	99.97
166.0-167.0	0.2	0.0	140.0	0.00	99.97
167.0-168.0	0.2	0.0	140.0	0.00	99.97
168.0-169.0	0.2	0.0	140.0	0.00	99.98
169.0-170.0	0.3	0.0	140.0	0.00	99.98
170.0-171.0	0.3	0.0	140.0	0.00	99.99
171.0-172.0	0.3	0.0	140.0	0.00	99.99
172.0-173.0	0.3	0.0	140.0	0.00	99.99
173.0-174.0	0.2	0.0	140.0	0.00	99.99
174.0-175.0	0.3	0.0	140.0	0.00	100.00
175.0-176.0	0.3	0.0	140.0	0.00	100.00
176.0-177.0	0.3	0.0	140.0	0.00	100.00
177.0-178.0	0.2	0.0	140.0	0.00	100.00
178.0-179.0	0.2	0.0	140.0	0.00	100.00
179.0-180.0	0.2	0.0	140.0	0.00	100.00

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

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