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Email: sales-us@genledbrands.com

Report No.: **Test Time: 2019/10/13 10:34**

Luminaire Property

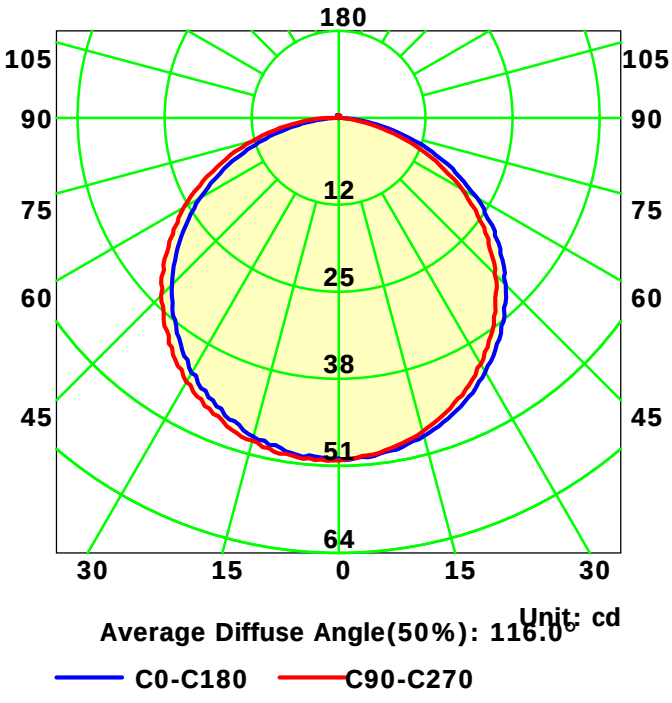
Luminaire Manufacturer:
Luminaire Description: RBS29020240.7524 **Lamp Catalog: RBS29020240.7524**
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 1 **Voltage: 24.0 V**
Current: 0.056 A **Power: 1.34 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 151.7 lm**
Measurement Flux: 151.7 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H162.5,H116.1
Vertical Diffuse Angle(10%,50%): V162.7,V115.9
Luminaire Efficacy Rating (LER): 113 **Central Intensity: 50.67 cd**
Max. Intensity: 51.16 cd **Pos of Max. Intensity: H300 V3**

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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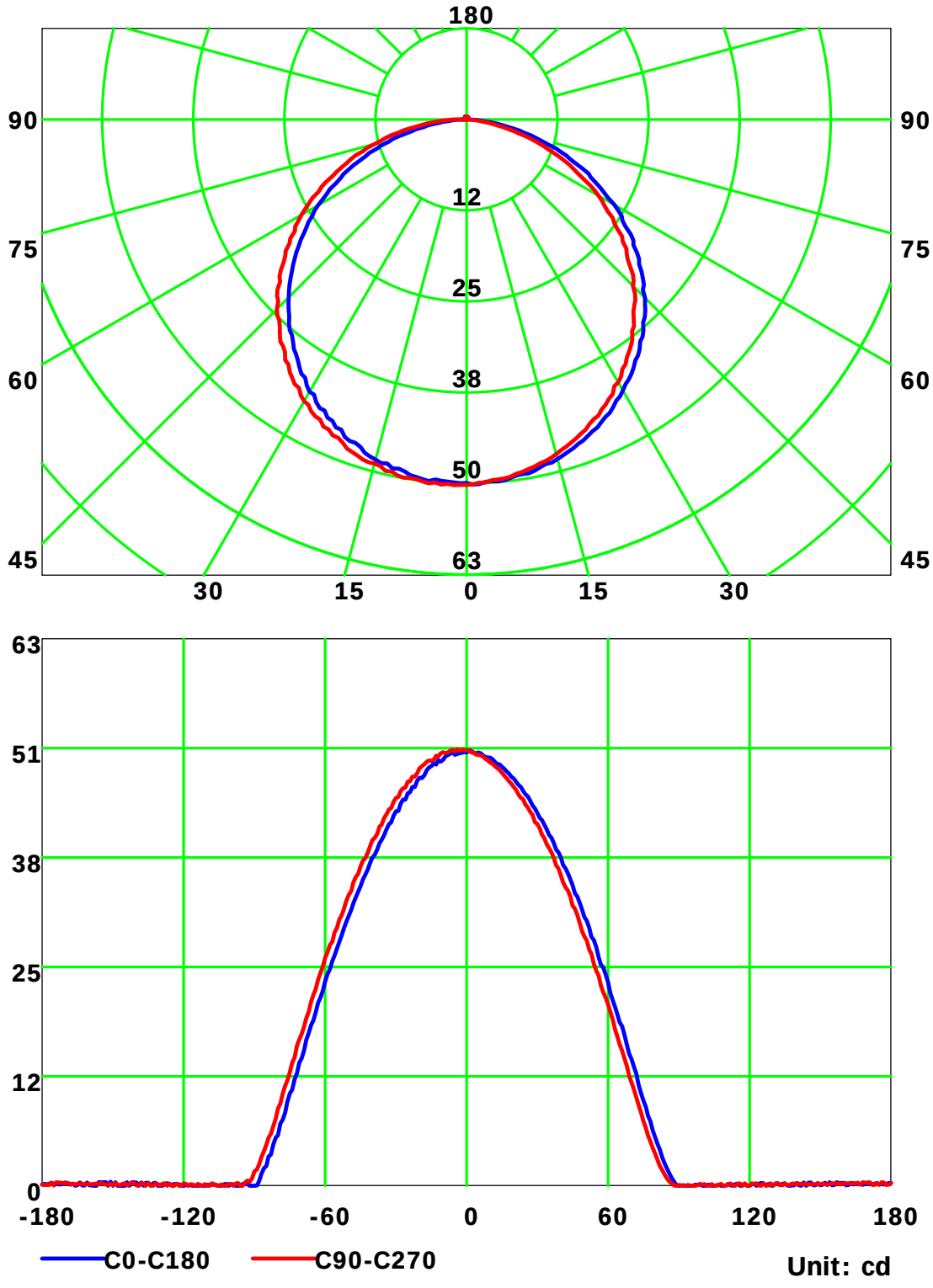
Luminous Intensity Distribution Curve



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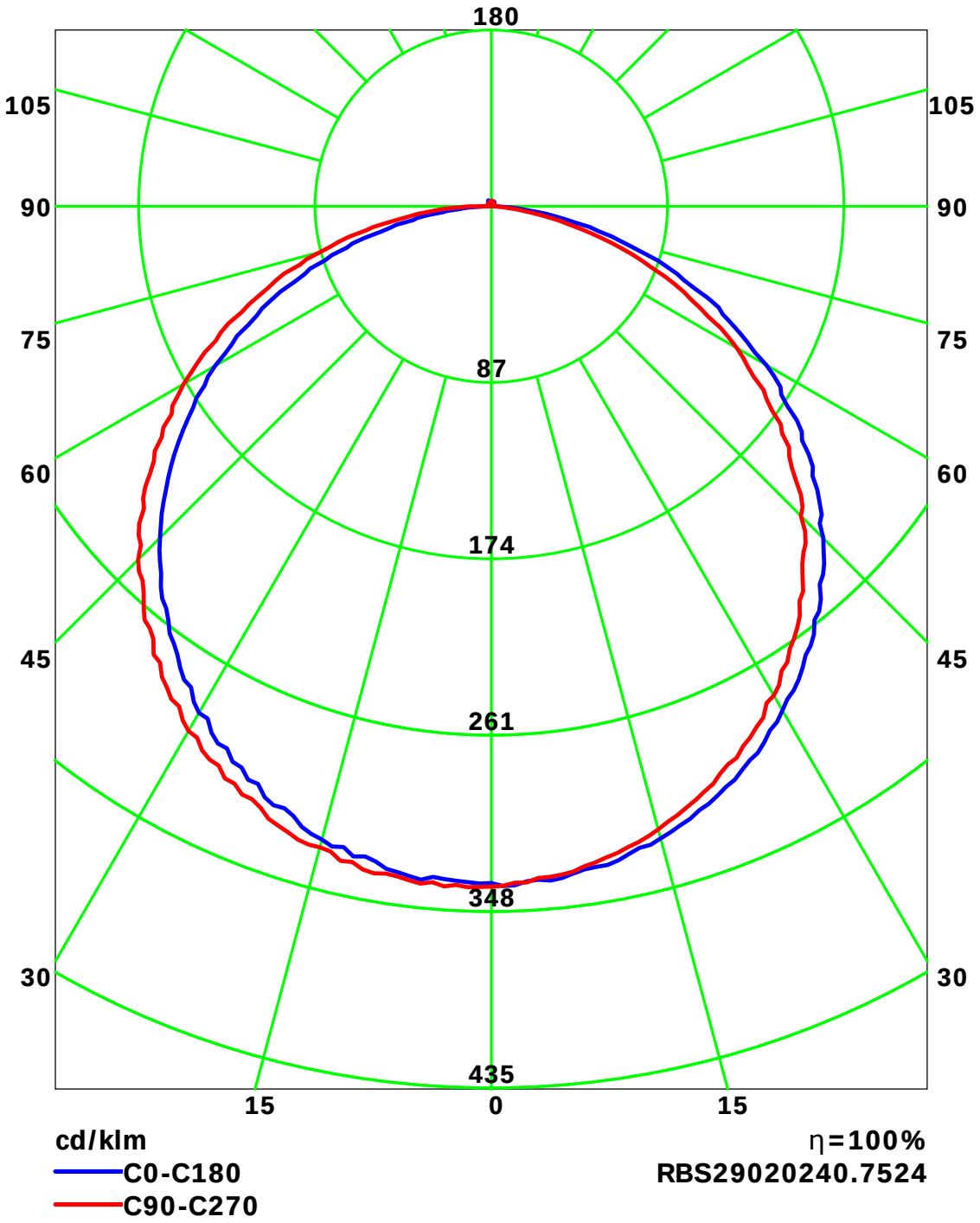
Luminous Intensity Distribution Curve(cd/klm)



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Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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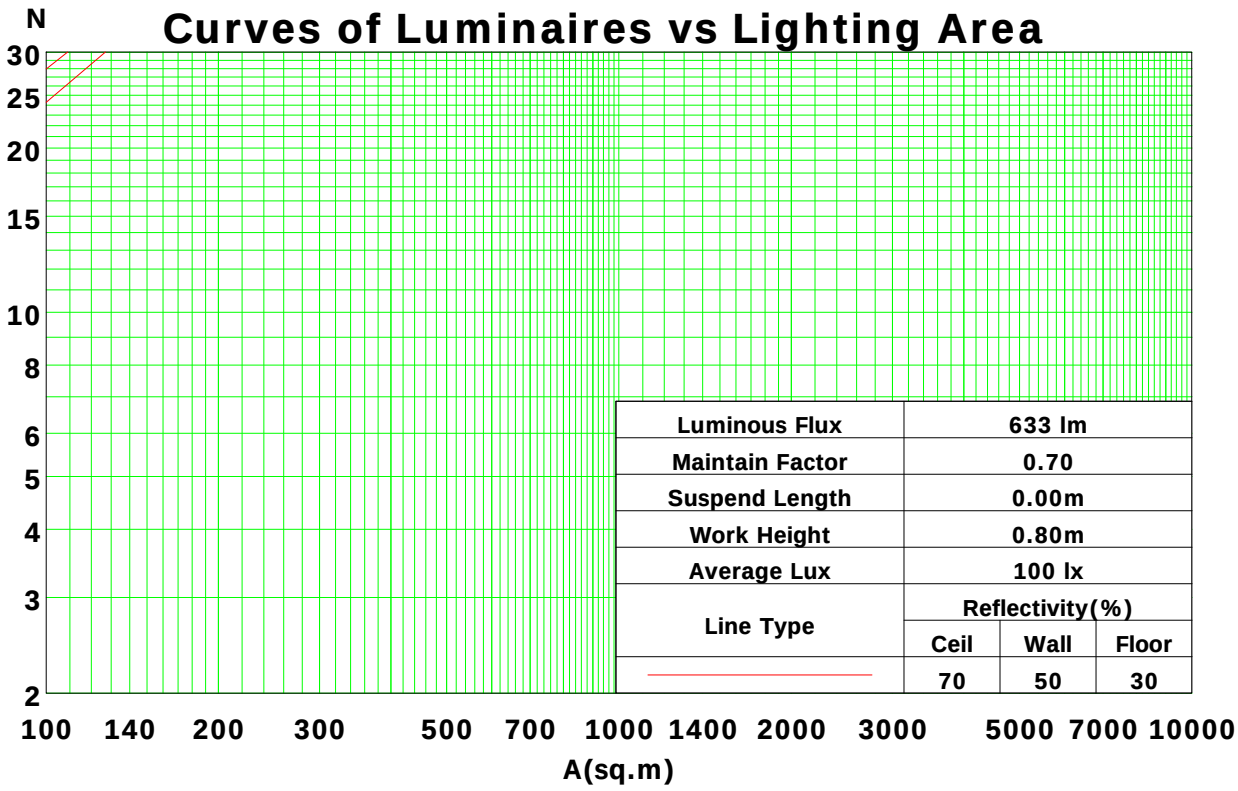
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	108	103	99	95	106	101	97	94	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	68	64	60	57
4	82	70	61	54	79	68	60	53	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	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	32	58	45	37	31	44	37	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	26	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.28
Spacing Criteria (90-270): 1.27
Spacing Criteria (Diagonal): 1.40

Curves of Luminaires vs Lighting Area



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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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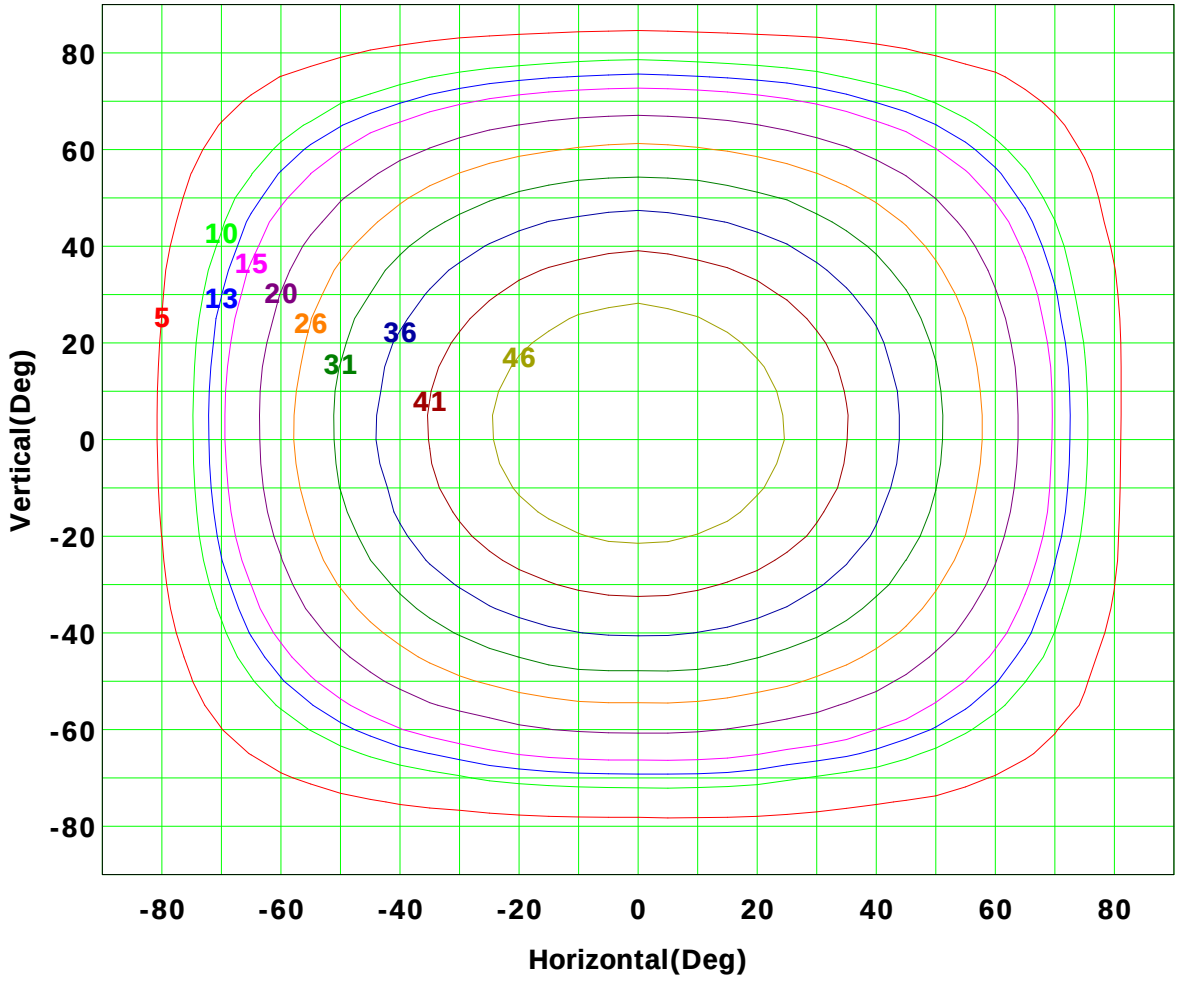
Isocandela (rectangle)



Imax (100%): 51 cd

(10%):	5 cd	(20%):	10 cd
(25%):	13 cd	(30%):	15 cd
(40%):	20 cd	(50%):	26 cd
(60%):	31 cd	(70%):	36 cd
(80%):	41 cd	(90%):	46 cd

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Test Lab: ACOLYTE
Test Type: TYPE C
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Operator: Zk

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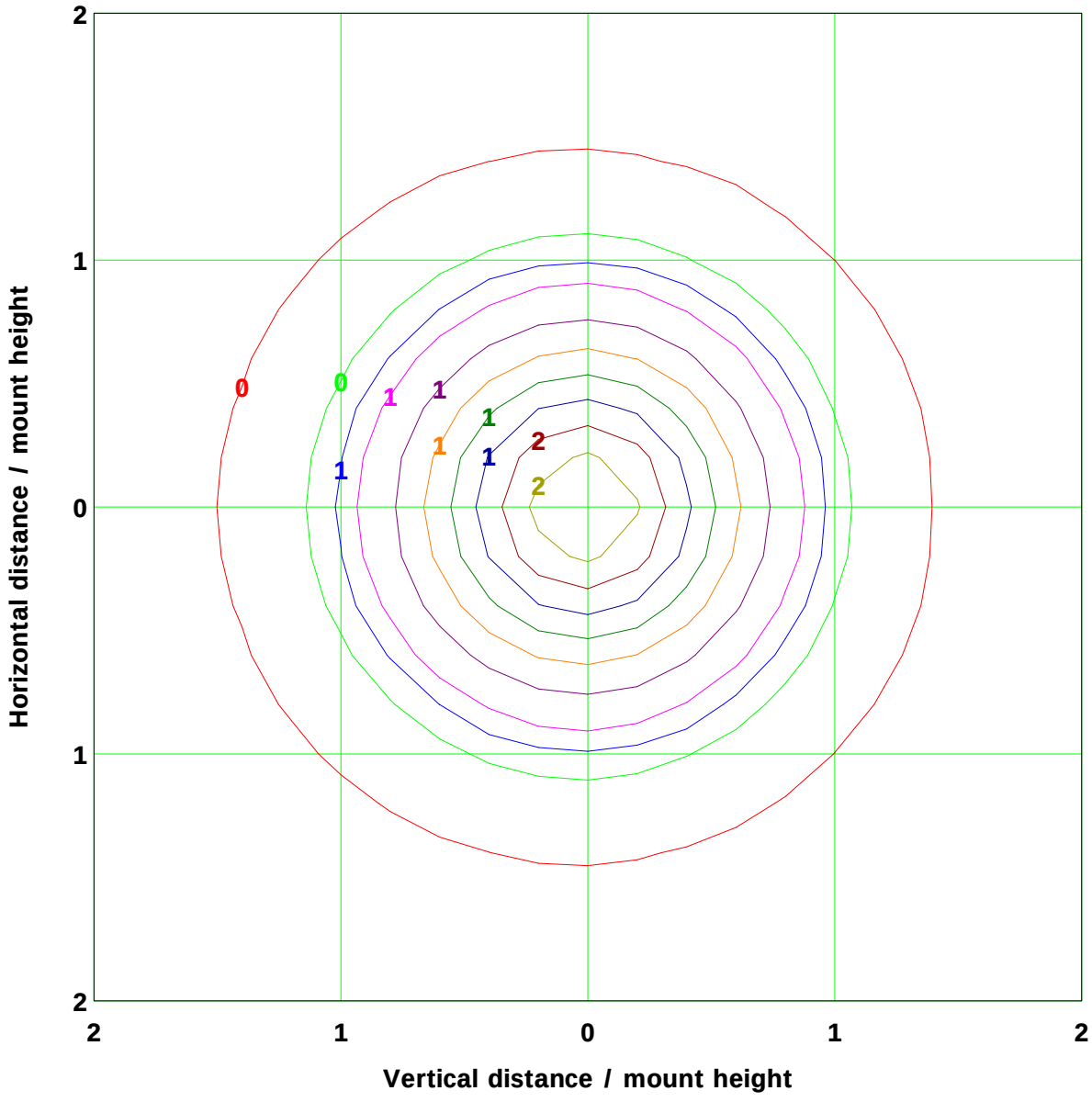
IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 2.0 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%): 1.2 lx	(70%): 1.4 lx
(80%): 1.6 lx	(90%): 1.8 lx

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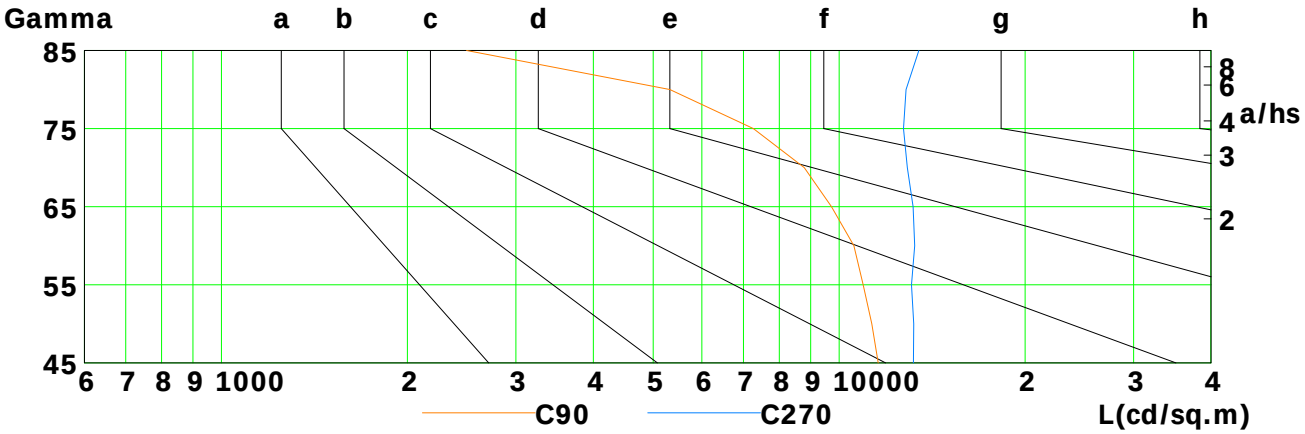
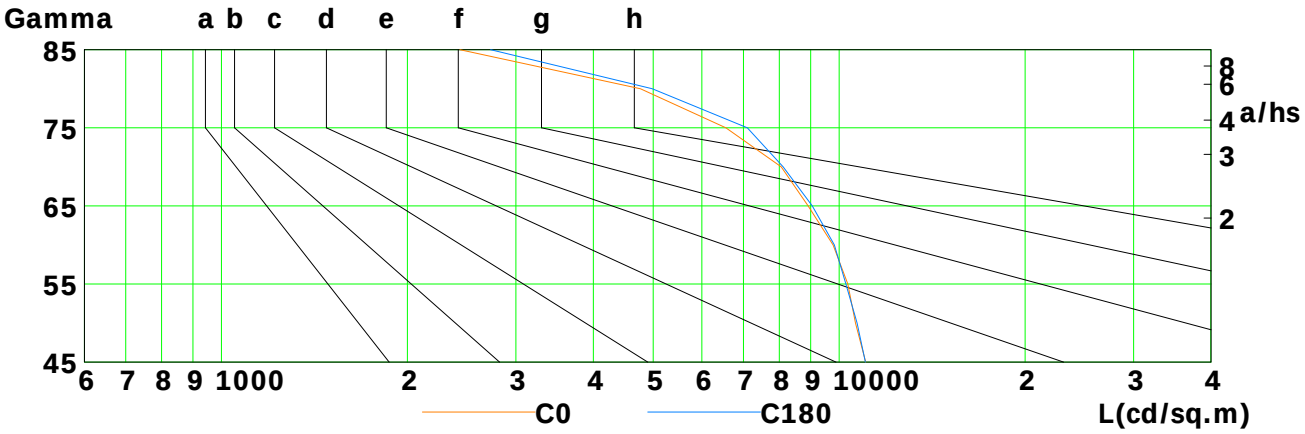
Lum Limit Curve

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	11053	10632	10330	9778	8910	8058	6560	4768	2433
C90	11570	11306	10939	10568	9725	8789	7267	5324	2496
C180	11028	10693	10259	9823	9050	8118	7107	4987	2728
C270	13204	13212	13104	13264	13176	12903	12723	12840	13461

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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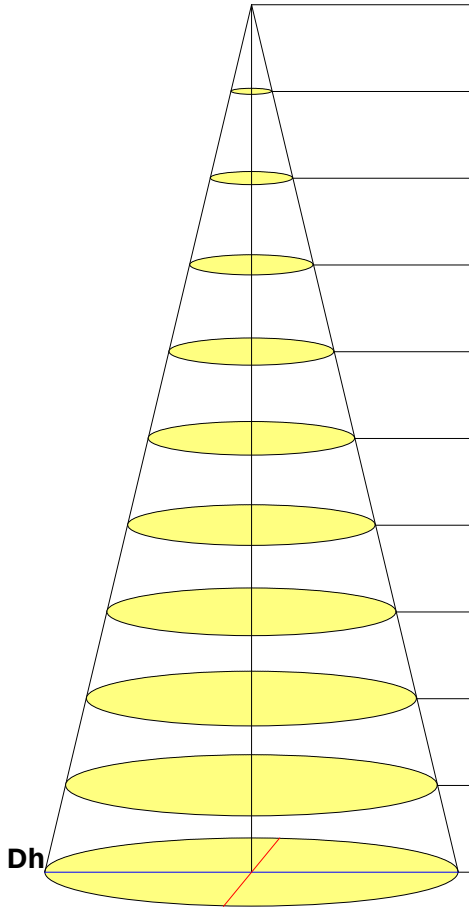
Illuminance at a Distance



Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	50.67	3.20/3.19	8.1	7.60
2.0	12.67	6.41/6.39	32.6	1.90
3.0	5.63	9.61/9.58	73.3	0.84
4.0	3.17	12.82/12.77	130.3	0.48
5.0	2.03	16.02/15.96	203.6	0.30
6.0	1.41	19.23/19.16	293.2	0.21
7.0	1.03	22.43/22.35	399.0	0.16
8.0	0.79	25.63/25.54	521.2	0.12
9.0	0.63	28.84/28.73	659.6	0.09
10.0	0.51	32.04/31.93	814.3	0.08

Beam Angle(B): H116.1 V115.9 Field Angle(F): H162.5 V162.7

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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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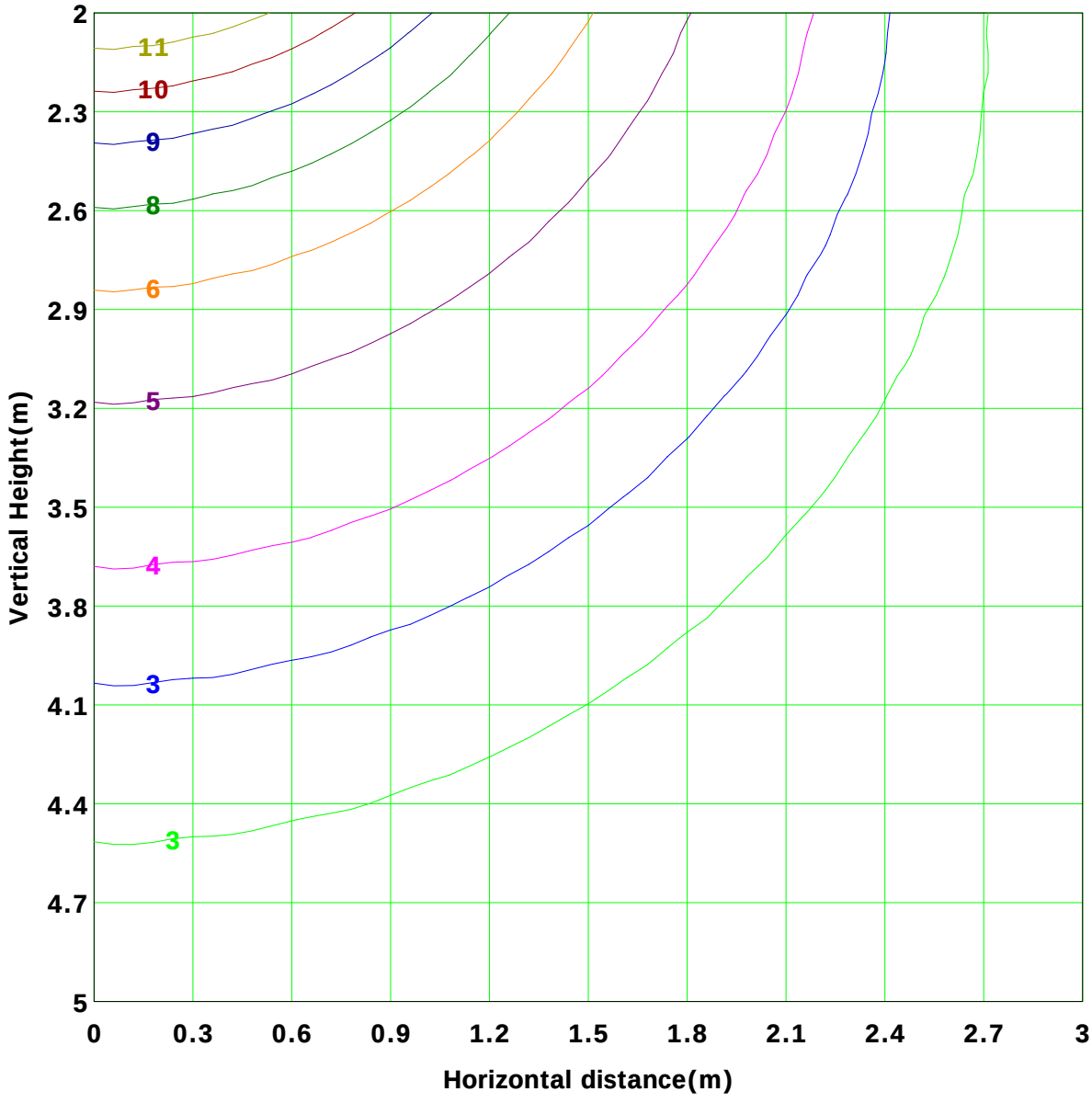
Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 12.7 lx

(10%): 1.3 lx	(20%): 2.5 lx
(25%): 3.2 lx	(30%): 3.8 lx
(40%): 5.1 lx	(50%): 6.4 lx
(60%): 7.6 lx	(70%): 8.9 lx
(80%): 10.2 lx	(90%): 11.4 lx

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Area Flux Table

Unit: lm

Vertical plane \ Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90 Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.2	0.5
-80	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.4	3.3
-70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.8	5.7
-60	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.0	8.0	8.0
-50	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.9	9.9
-40	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	11.4
-30	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
-20	0.0	0.1	0.2	0.5	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0	13.4	13.4
-10	0.0	0.1	0.3	0.5	0.8	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.8	0.5	0.2	0.1	0.0	13.7	13.7
0	0.0	0.1	0.3	0.5	0.7	1.0	1.3	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0	13.6	13.5
10	0.0	0.1	0.2	0.5	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0	13.0	13.0
20	0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.1	0.9	0.7	0.4	0.2	0.1	0.0	12.0	12.0
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	10.6	10.5
40	0.0	0.1	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	0.0	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	6.7	6.6
60	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	4.3	4.2
70	0.0	0.0	0.0	0.1	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	2.0	1.5
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	0.3	0.0
90 Flux(T)	0.1	0.9	2.7	5.3	8.3	11.3	14.0	15.9	17.0	17.0	15.9	13.9	11.3	8.2	5.2	2.6	0.9	0.1	151	
Flux(E)	0.0	0.8	2.6	5.2	8.2	11.2	13.8	15.8	16.9	16.9	15.8	13.8	11.1	8.1	5.1	2.5	0.7	0.0		149

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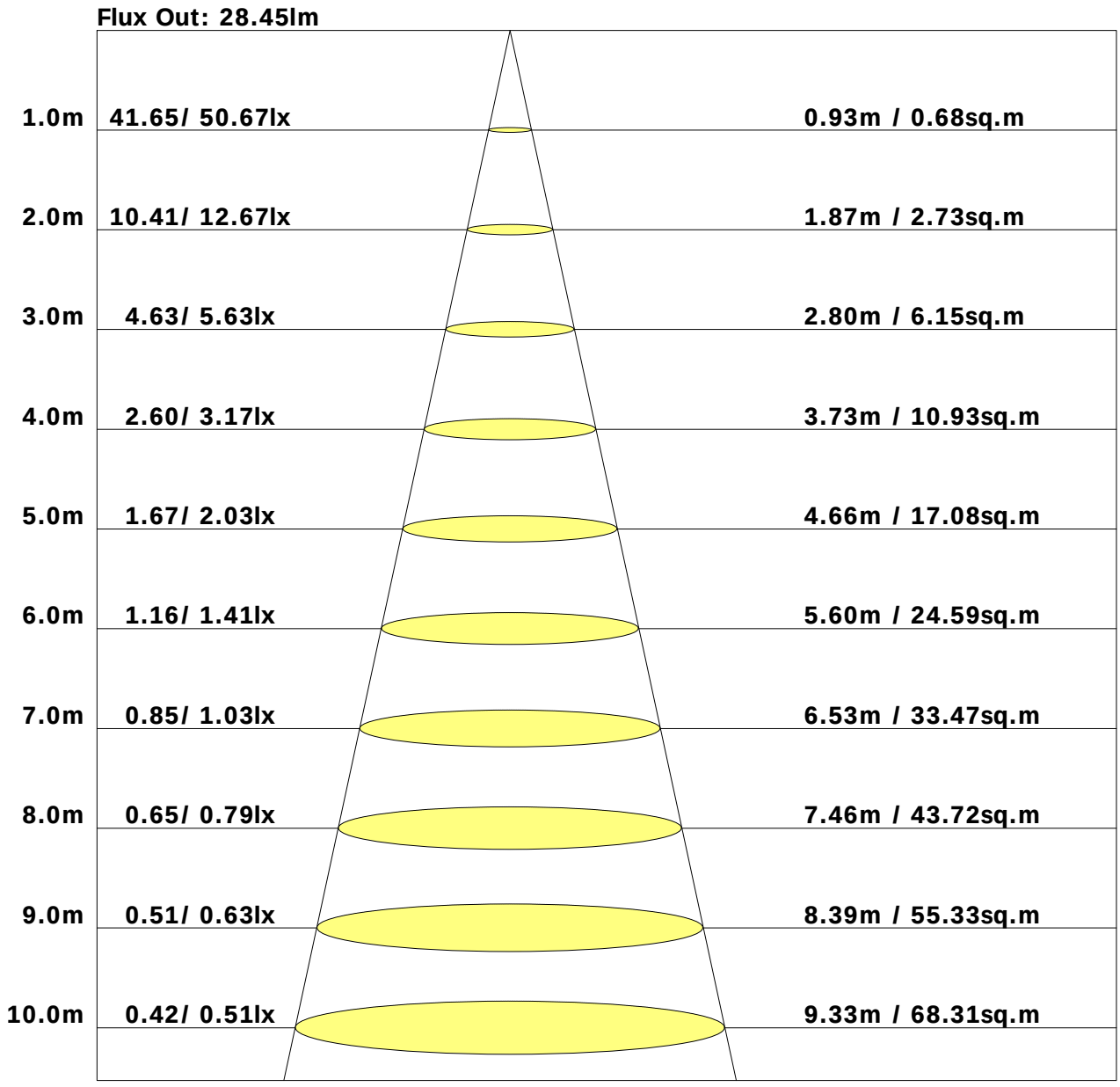
The Average Illuminance Effective Figure



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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	27.2	28.8	27.5	29.1	29.5	26.1	27.8	26.5	28.1	28.4
3H	29.0	30.5	29.4	30.8	31.2	27.6	29.1	28.0	29.4	29.8
4H	29.6	31.0	30.0	31.4	31.8	28.0	29.4	28.5	29.8	30.2
6H	30.1	31.4	30.5	31.8	32.2	28.3	29.6	28.7	29.9	30.3
8H	30.2	31.5	30.6	31.9	32.3	28.3	29.5	28.7	29.9	30.3
12H	30.3	31.5	30.7	31.9	32.3	28.3	29.5	28.7	29.9	30.3
X=4H Y=2H	27.8	29.2	28.2	29.5	29.9	26.8	28.2	27.2	28.5	28.9
3H	29.8	30.9	30.2	31.3	31.8	28.5	29.6	28.9	30.0	30.4
4H	30.5	31.6	31.0	32.0	32.5	29.0	30.0	29.4	30.5	30.9
6H	31.1	32.0	31.6	32.5	32.9	29.3	30.2	29.7	30.6	31.1
8H	31.3	32.1	31.7	32.6	33.1	29.3	30.2	29.8	30.6	31.1
12H	31.4	32.1	31.8	32.6	33.1	29.3	30.1	29.8	30.6	31.1
X=8H Y=4H	30.8	31.7	31.3	32.1	32.6	29.3	30.1	29.7	30.6	31.1
6H	31.4	32.2	31.9	32.7	33.2	29.6	30.3	30.1	30.8	31.3
8H	31.7	32.3	32.2	32.8	33.3	29.7	30.3	30.2	30.8	31.3
12H	31.8	32.4	32.3	32.9	33.5	29.7	30.2	30.2	30.7	31.3
X=12H Y=4H	30.8	31.6	31.3	32.1	32.6	29.3	30.1	29.8	30.5	31.0
6H	31.5	32.2	32.0	32.6	33.2	29.6	30.3	30.2	30.8	31.3
8H	31.8	32.3	32.3	32.8	33.4	29.7	30.3	30.2	30.8	31.4

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	0.55	0.66	0.73	0.79	0.86	0.91	0.95	1.00	1.03
	0.30		0.47	0.58	0.66	0.72	0.80	0.86	0.90	0.95	0.99
	0.20		0.42	0.52	0.60	0.66	0.75	0.81	0.85	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	0.68	0.73	0.80	0.84	0.88	0.92	0.94
	0.30		0.46	0.56	0.63	0.68	0.75	0.80	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: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: 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	0.48	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: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: 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	0.21	0.22	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21
	0.30		0.10	0.11	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	0.12	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: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: 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	50.8	0.0	0.0	0.03	0.03
1.0-2.0	50.8	0.1	0.2	0.10	0.13
2.0-3.0	50.8	0.2	0.4	0.16	0.29
3.0-4.0	50.7	0.3	0.8	0.22	0.51
4.0-5.0	50.7	0.4	1.2	0.29	0.80
5.0-6.0	50.6	0.5	1.7	0.35	1.15
6.0-7.0	50.6	0.6	2.4	0.41	1.56
7.0-8.0	50.4	0.7	3.1	0.48	2.04
8.0-9.0	50.3	0.8	3.9	0.54	2.58
9.0-10.0	50.1	0.9	4.8	0.60	3.18
10.0-11.0	49.9	1.0	5.8	0.66	3.83
11.0-12.0	49.7	1.1	6.9	0.72	4.55
12.0-13.0	49.5	1.2	8.1	0.78	5.33
13.0-14.0	49.3	1.3	9.3	0.83	6.16
14.0-15.0	49.1	1.3	10.7	0.89	7.05
15.0-16.0	48.9	1.4	12.1	0.94	7.99
16.0-17.0	48.6	1.5	13.6	1.00	8.99
17.0-18.0	48.4	1.6	15.2	1.05	10.04
18.0-19.0	48.1	1.7	16.9	1.10	11.14
19.0-20.0	47.8	1.7	18.7	1.15	12.30
20.0-21.0	47.5	1.8	20.5	1.20	13.50
21.0-22.0	47.1	1.9	22.4	1.25	14.75
22.0-23.0	46.7	2.0	24.3	1.29	16.04
23.0-24.0	46.4	2.0	26.4	1.34	17.38
24.0-25.0	46.0	2.1	28.5	1.38	18.76
25.0-26.0	45.6	2.2	30.6	1.42	20.18
26.0-27.0	45.2	2.2	32.8	1.46	21.64
27.0-28.0	44.8	2.3	35.1	1.50	23.13
28.0-29.0	44.3	2.3	37.4	1.53	24.66
29.0-30.0	43.9	2.4	39.8	1.56	26.23
30.0-31.0	43.5	2.4	42.2	1.60	27.82
31.0-32.0	43.0	2.5	44.7	1.62	29.44
32.0-33.0	42.5	2.5	47.2	1.65	31.09
33.0-34.0	42.0	2.5	49.7	1.68	32.77
34.0-35.0	41.5	2.6	52.3	1.70	34.47
35.0-36.0	40.9	2.6	54.9	1.72	36.18

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	40.4	2.6	57.5	1.74	37.92
37.0-38.0	39.8	2.7	60.2	1.75	39.67
38.0-39.0	39.1	2.7	62.8	1.76	41.43
39.0-40.0	38.6	2.7	65.5	1.77	43.20
40.0-41.0	38.0	2.7	68.2	1.78	44.99
41.0-42.0	37.3	2.7	71.0	1.79	46.77
42.0-43.0	36.7	2.7	73.7	1.79	48.57
43.0-44.0	36.1	2.7	76.4	1.80	50.37
44.0-45.0	35.5	2.7	79.1	1.80	52.16
45.0-46.0	34.7	2.7	81.8	1.79	53.95
46.0-47.0	34.1	2.7	84.6	1.79	55.74
47.0-48.0	33.4	2.7	87.3	1.78	57.52
48.0-49.0	32.7	2.7	89.9	1.77	59.29
49.0-50.0	31.9	2.7	92.6	1.76	61.05
50.0-51.0	31.2	2.6	95.2	1.74	62.79
51.0-52.0	30.5	2.6	97.9	1.72	64.52
52.0-53.0	29.7	2.6	100.4	1.70	66.22
53.0-54.0	29.0	2.6	103.0	1.68	67.90
54.0-55.0	28.2	2.5	105.5	1.66	69.56
55.0-56.0	27.4	2.5	108.0	1.63	71.20
56.0-57.0	26.6	2.4	110.4	1.60	72.80
57.0-58.0	25.8	2.4	112.8	1.57	74.37
58.0-59.0	25.0	2.3	115.1	1.54	75.91
59.0-60.0	24.2	2.3	117.4	1.51	77.42
60.0-61.0	23.3	2.2	119.7	1.47	78.89
61.0-62.0	22.5	2.2	121.8	1.43	80.32
62.0-63.0	21.6	2.1	123.9	1.38	81.70
63.0-64.0	20.7	2.0	126.0	1.34	83.04
64.0-65.0	19.8	2.0	127.9	1.29	84.33
65.0-66.0	19.0	1.9	129.8	1.25	85.58
66.0-67.0	18.1	1.8	131.6	1.20	86.78
67.0-68.0	17.2	1.7	133.4	1.15	87.93
68.0-69.0	16.3	1.7	135.0	1.09	89.03
69.0-70.0	15.4	1.6	136.6	1.04	90.07
70.0-71.0	14.5	1.5	138.1	0.99	91.06
71.0-72.0	13.6	1.4	139.5	0.94	91.99

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	12.7	1.3	140.9	0.88	92.87
73.0-74.0	11.8	1.2	142.1	0.82	93.68
74.0-75.0	10.8	1.1	143.3	0.76	94.44
75.0-76.0	10.0	1.1	144.3	0.70	95.14
76.0-77.0	9.1	1.0	145.3	0.64	95.78
77.0-78.0	8.2	0.9	146.2	0.58	96.36
78.0-79.0	7.3	0.8	147.0	0.52	96.88
79.0-80.0	6.5	0.7	147.7	0.46	97.34
80.0-81.0	5.8	0.6	148.3	0.41	97.75
81.0-82.0	5.0	0.5	148.8	0.36	98.11
82.0-83.0	4.2	0.5	149.3	0.30	98.42
83.0-84.0	3.5	0.4	149.7	0.25	98.67
84.0-85.0	2.9	0.3	150.0	0.21	98.87
85.0-86.0	2.3	0.3	150.2	0.17	99.04
86.0-87.0	1.8	0.2	150.4	0.13	99.17
87.0-88.0	1.3	0.1	150.6	0.09	99.26
88.0-89.0	0.9	0.1	150.7	0.06	99.32
89.0-90.0	0.6	0.1	150.7	0.04	99.37
90.0-91.0	0.4	0.0	150.8	0.03	99.40
91.0-92.0	0.3	0.0	150.8	0.02	99.42
92.0-93.0	0.2	0.0	150.8	0.01	99.43
93.0-94.0	0.1	0.0	150.8	0.01	99.44
94.0-95.0	0.1	0.0	150.8	0.01	99.45
95.0-96.0	0.1	0.0	150.9	0.01	99.45
96.0-97.0	0.1	0.0	150.9	0.01	99.46
97.0-98.0	0.1	0.0	150.9	0.01	99.46
98.0-99.0	0.1	0.0	150.9	0.01	99.47
99.0-100.0	0.1	0.0	150.9	0.01	99.48
100.0-101.0	0.1	0.0	150.9	0.01	99.48
101.0-102.0	0.1	0.0	150.9	0.01	99.49
102.0-103.0	0.1	0.0	150.9	0.01	99.50
103.0-104.0	0.1	0.0	150.9	0.01	99.51
104.0-105.0	0.1	0.0	150.9	0.00	99.51
105.0-106.0	0.1	0.0	151.0	0.00	99.52
106.0-107.0	0.1	0.0	151.0	0.01	99.52
107.0-108.0	0.1	0.0	151.0	0.01	99.53

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	151.0	0.01	99.53
109.0-110.0	0.1	0.0	151.0	0.01	99.54
110.0-111.0	0.1	0.0	151.0	0.01	99.55
111.0-112.0	0.1	0.0	151.0	0.01	99.56
112.0-113.0	0.1	0.0	151.0	0.01	99.56
113.0-114.0	0.1	0.0	151.0	0.01	99.57
114.0-115.0	0.1	0.0	151.0	0.01	99.58
115.0-116.0	0.1	0.0	151.1	0.01	99.58
116.0-117.0	0.1	0.0	151.1	0.01	99.59
117.0-118.0	0.1	0.0	151.1	0.01	99.60
118.0-119.0	0.1	0.0	151.1	0.01	99.60
119.0-120.0	0.1	0.0	151.1	0.01	99.61
120.0-121.0	0.1	0.0	151.1	0.01	99.62
121.0-122.0	0.1	0.0	151.1	0.01	99.62
122.0-123.0	0.1	0.0	151.1	0.01	99.63
123.0-124.0	0.2	0.0	151.1	0.01	99.64
124.0-125.0	0.1	0.0	151.2	0.01	99.65
125.0-126.0	0.1	0.0	151.2	0.01	99.66
126.0-127.0	0.1	0.0	151.2	0.01	99.67
127.0-128.0	0.2	0.0	151.2	0.01	99.67
128.0-129.0	0.2	0.0	151.2	0.01	99.69
129.0-130.0	0.1	0.0	151.2	0.01	99.69
130.0-131.0	0.1	0.0	151.2	0.01	99.70
131.0-132.0	0.2	0.0	151.2	0.01	99.71
132.0-133.0	0.2	0.0	151.3	0.01	99.72
133.0-134.0	0.1	0.0	151.3	0.01	99.73
134.0-135.0	0.2	0.0	151.3	0.01	99.74
135.0-136.0	0.2	0.0	151.3	0.01	99.75
136.0-137.0	0.2	0.0	151.3	0.01	99.76
137.0-138.0	0.2	0.0	151.3	0.01	99.77
138.0-139.0	0.2	0.0	151.3	0.01	99.78
139.0-140.0	0.2	0.0	151.4	0.01	99.78
140.0-141.0	0.2	0.0	151.4	0.01	99.79
141.0-142.0	0.2	0.0	151.4	0.01	99.80
142.0-143.0	0.3	0.0	151.4	0.01	99.81
143.0-144.0	0.2	0.0	151.4	0.01	99.82

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	151.4	0.01	99.83
145.0-146.0	0.2	0.0	151.4	0.01	99.84
146.0-147.0	0.2	0.0	151.5	0.01	99.85
147.0-148.0	0.1	0.0	151.5	0.01	99.85
148.0-149.0	0.2	0.0	151.5	0.01	99.86
149.0-150.0	0.2	0.0	151.5	0.01	99.87
150.0-151.0	0.2	0.0	151.5	0.01	99.88
151.0-152.0	0.2	0.0	151.5	0.01	99.88
152.0-153.0	0.2	0.0	151.5	0.01	99.89
153.0-154.0	0.2	0.0	151.5	0.01	99.90
154.0-155.0	0.3	0.0	151.5	0.01	99.90
155.0-156.0	0.2	0.0	151.6	0.01	99.91
156.0-157.0	0.2	0.0	151.6	0.01	99.92
157.0-158.0	0.3	0.0	151.6	0.01	99.93
158.0-159.0	0.2	0.0	151.6	0.01	99.93
159.0-160.0	0.2	0.0	151.6	0.01	99.94
160.0-161.0	0.2	0.0	151.6	0.01	99.94
161.0-162.0	0.2	0.0	151.6	0.01	99.95
162.0-163.0	0.3	0.0	151.6	0.01	99.95
163.0-164.0	0.3	0.0	151.6	0.01	99.96
164.0-165.0	0.2	0.0	151.6	0.00	99.96
165.0-166.0	0.2	0.0	151.6	0.00	99.97
166.0-167.0	0.3	0.0	151.6	0.00	99.97
167.0-168.0	0.3	0.0	151.6	0.00	99.98
168.0-169.0	0.3	0.0	151.7	0.00	99.98
169.0-170.0	0.3	0.0	151.7	0.00	99.98
170.0-171.0	0.3	0.0	151.7	0.00	99.99
171.0-172.0	0.3	0.0	151.7	0.00	99.99
172.0-173.0	0.3	0.0	151.7	0.00	99.99
173.0-174.0	0.3	0.0	151.7	0.00	99.99
174.0-175.0	0.3	0.0	151.7	0.00	100.00
175.0-176.0	0.3	0.0	151.7	0.00	100.00
176.0-177.0	0.3	0.0	151.7	0.00	100.00
177.0-178.0	0.2	0.0	151.7	0.00	100.00
178.0-179.0	0.2	0.0	151.7	0.00	100.00
179.0-180.0	0.2	0.0	151.7	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: