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Email: sales-us@genledbrands.com

Report No.: **Test Time: 2019/10/13 08:59**

Luminaire Property

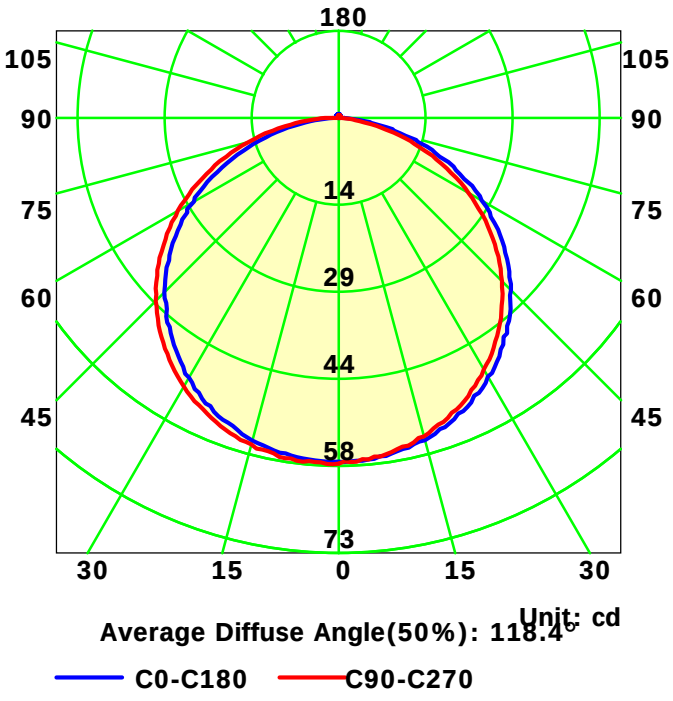
Luminaire Manufacturer:
Luminaire Description: RBS29020240.7540 **Lamp Catalog: RBS29020240.7540**
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 1 **Voltage: 24.0 V**
Current: 0.055 A **Power: 1.33 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 178.7 lm**
Measurement Flux: 178.7 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H162.7,H118.6
Vertical Diffuse Angle(10%,50%): V163.2,V118.2
Luminaire Efficacy Rating (LER): 134 **Central Intensity: 58.1 cd**
Max. Intensity: 58.6 cd **Pos of Max. Intensity: H240 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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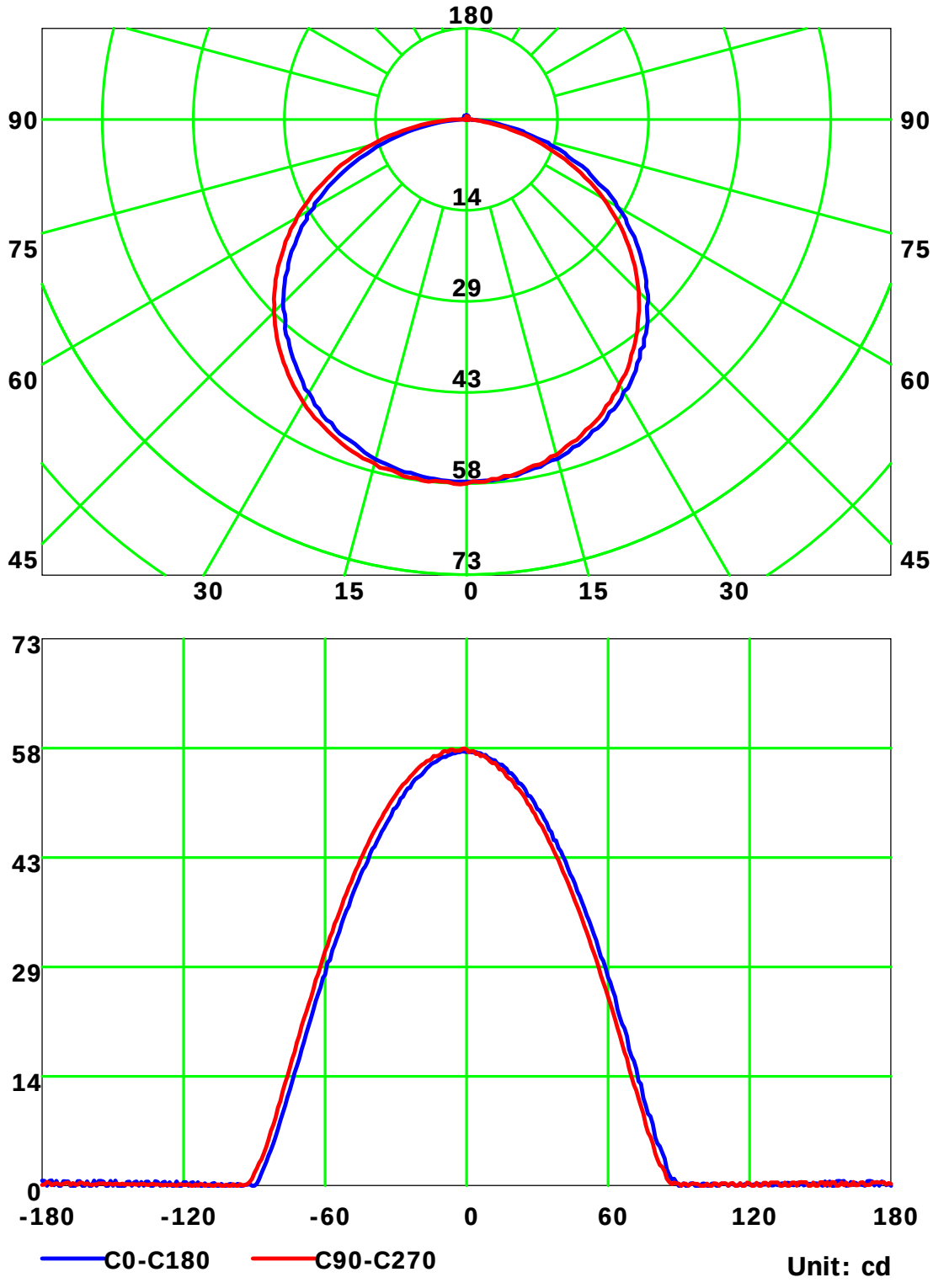
Luminous Intensity Distribution Curve



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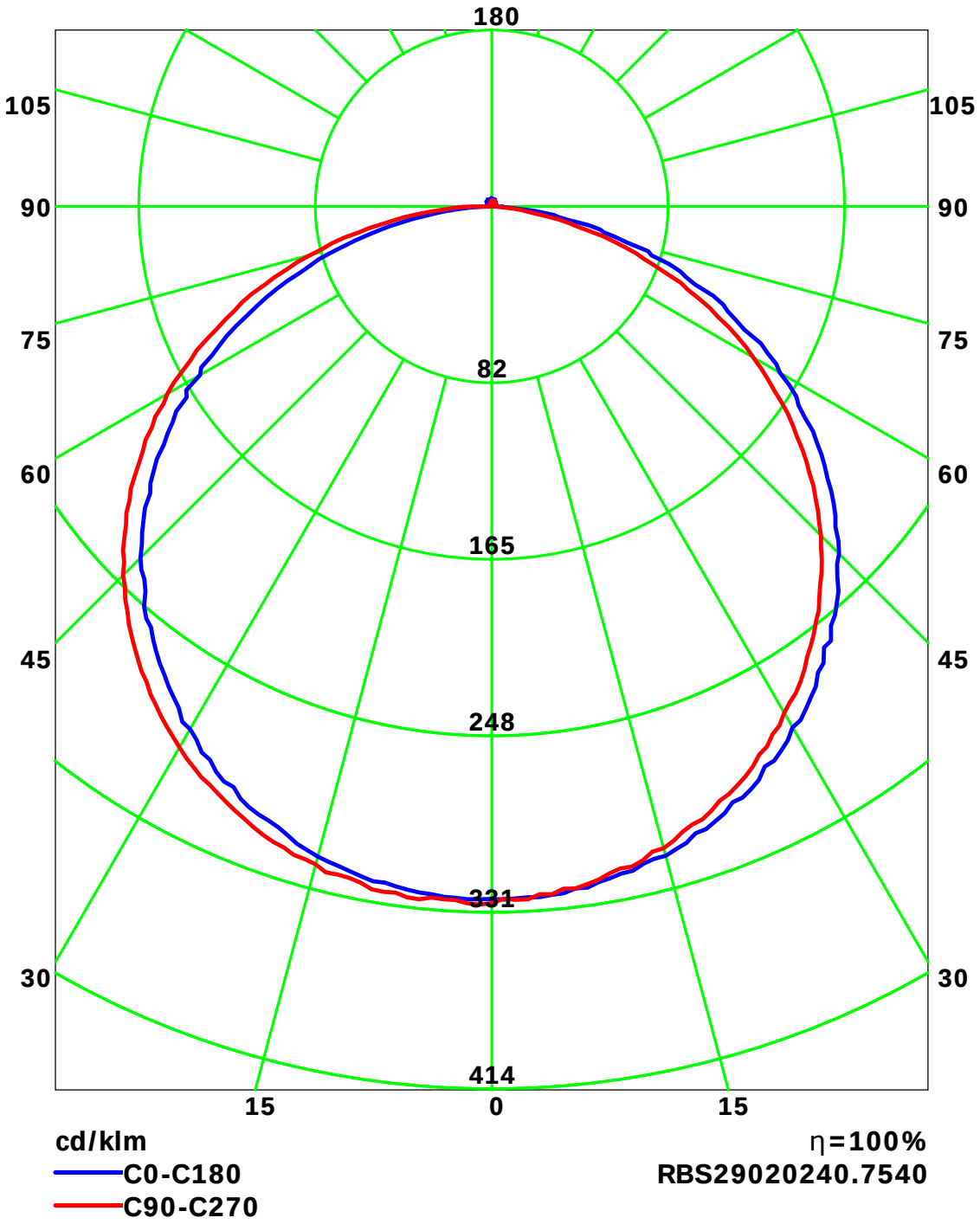
Luminous Intensity Distribution Curve(cd/klm)



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Temperature: 25
Operator: Zk

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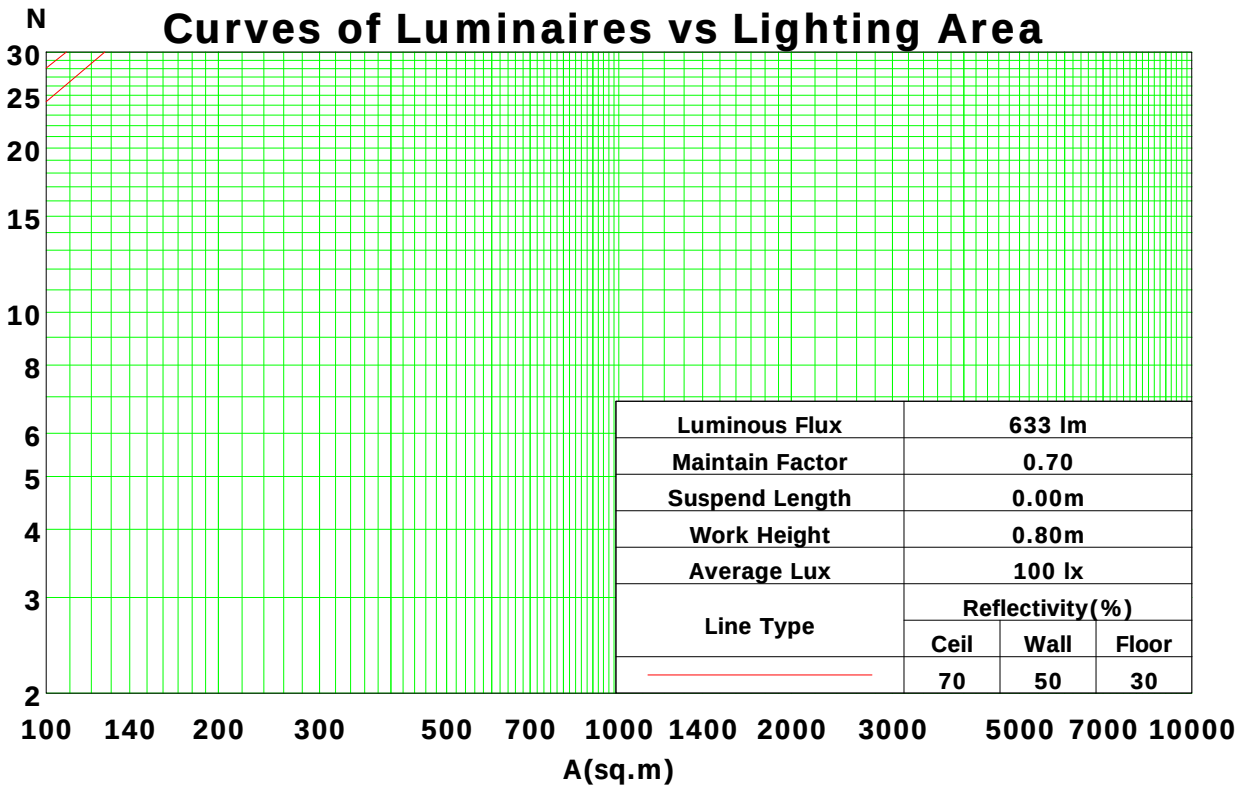
Coefficients Of Utilization - Zonal Cavity Method

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	105	101	97	93	97	93	90	93	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	78	70	63	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	51	61	55	51	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	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	30	25	35	29	25	23

Spacing Criteria (0-180): 1.30
Spacing Criteria (90-270): 1.29
Spacing Criteria (Diagonal): 1.42

Curves of Luminaires vs Lighting Area



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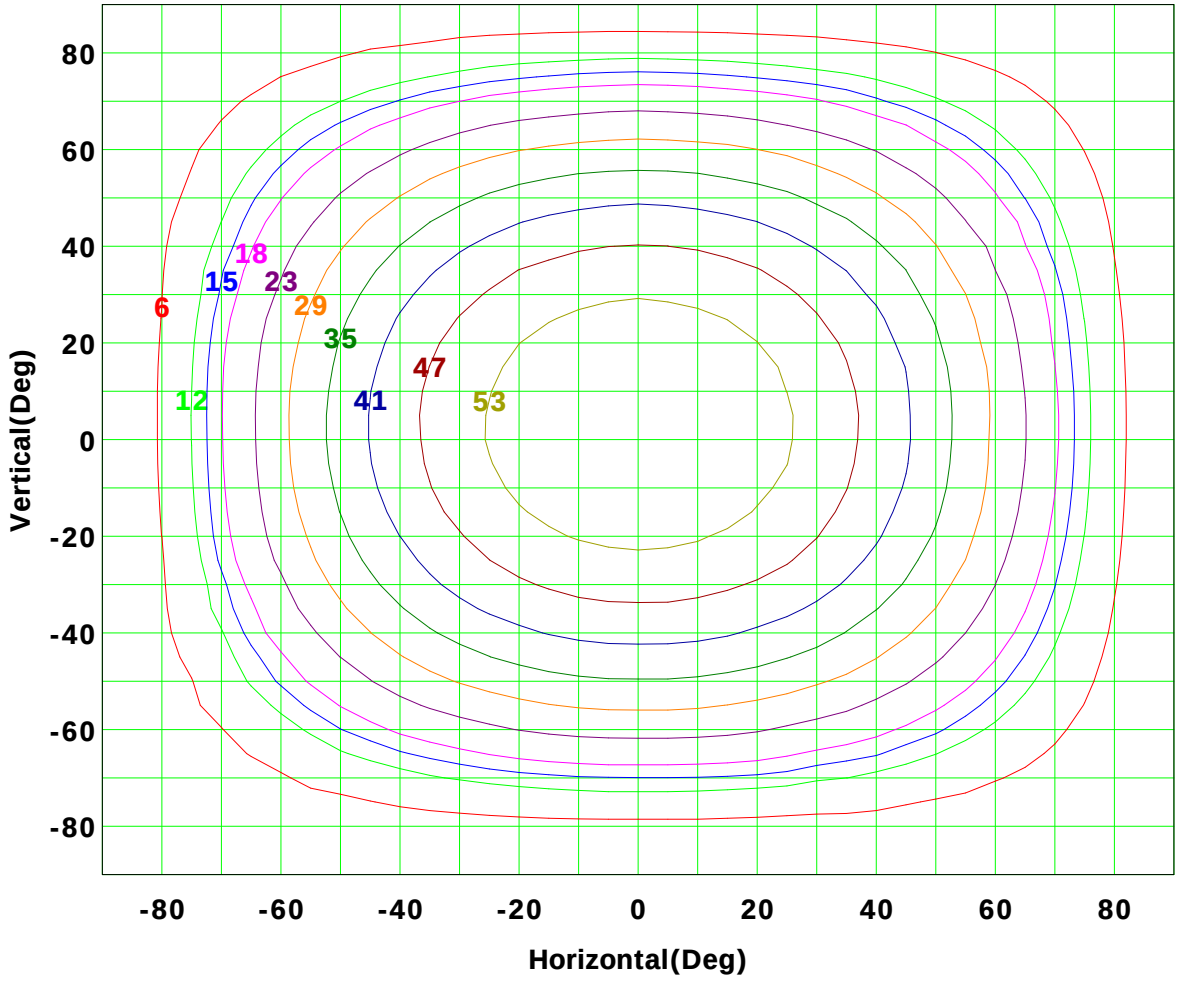
Isocandela (rectangle)



Imax (100%): 59 cd

(10%):	6 cd	(20%):	12 cd
(25%):	15 cd	(30%):	18 cd
(40%):	23 cd	(50%):	29 cd
(60%):	35 cd	(70%):	41 cd
(80%):	47 cd	(90%):	53 cd

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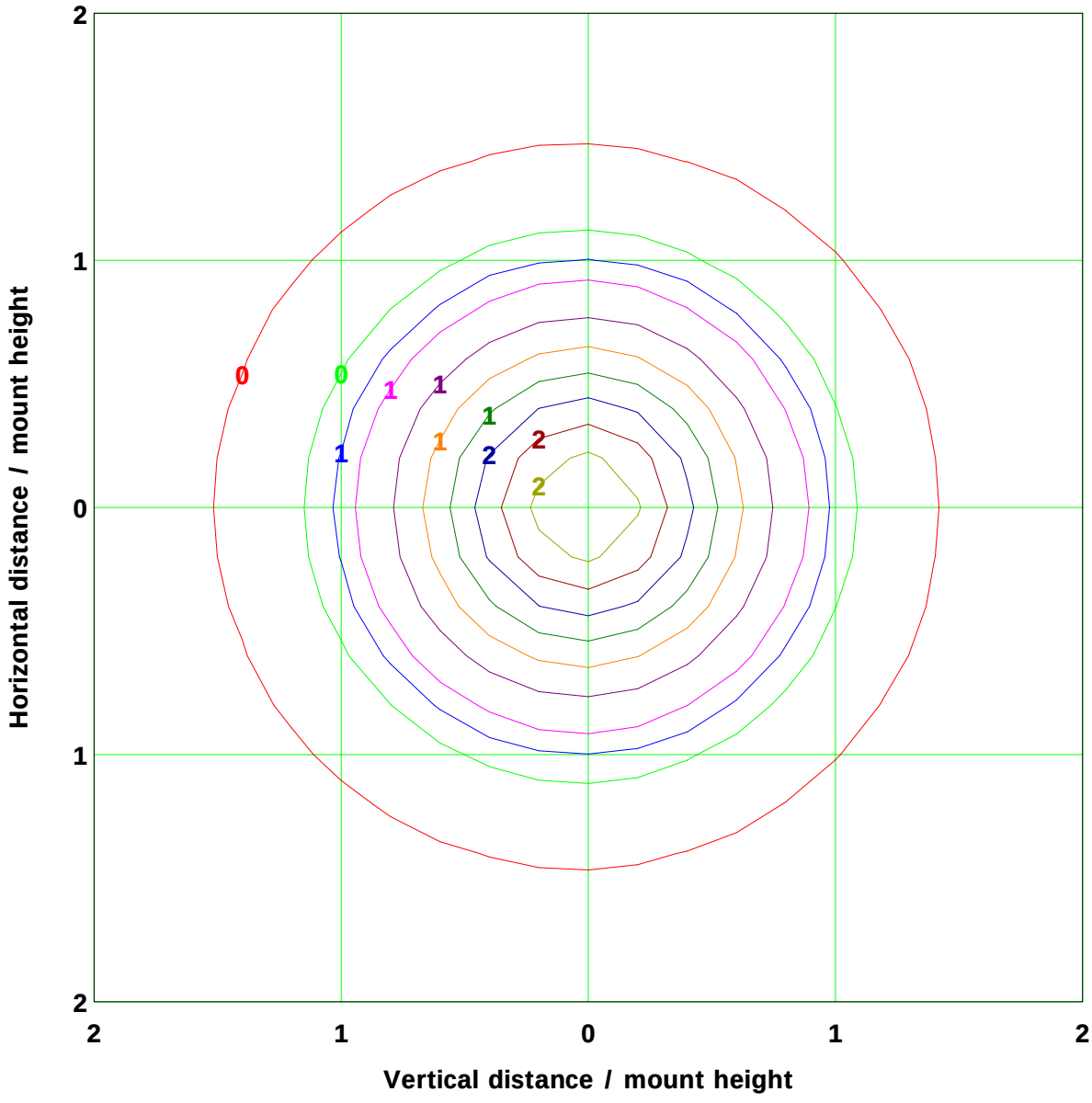
IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 2.3 lx

(10%): 0.2 lx	(20%): 0.5 lx
(25%): 0.6 lx	(30%): 0.7 lx
(40%): 0.9 lx	(50%): 1.2 lx
(60%): 1.4 lx	(70%): 1.6 lx
(80%): 1.9 lx	(90%): 2.1 lx

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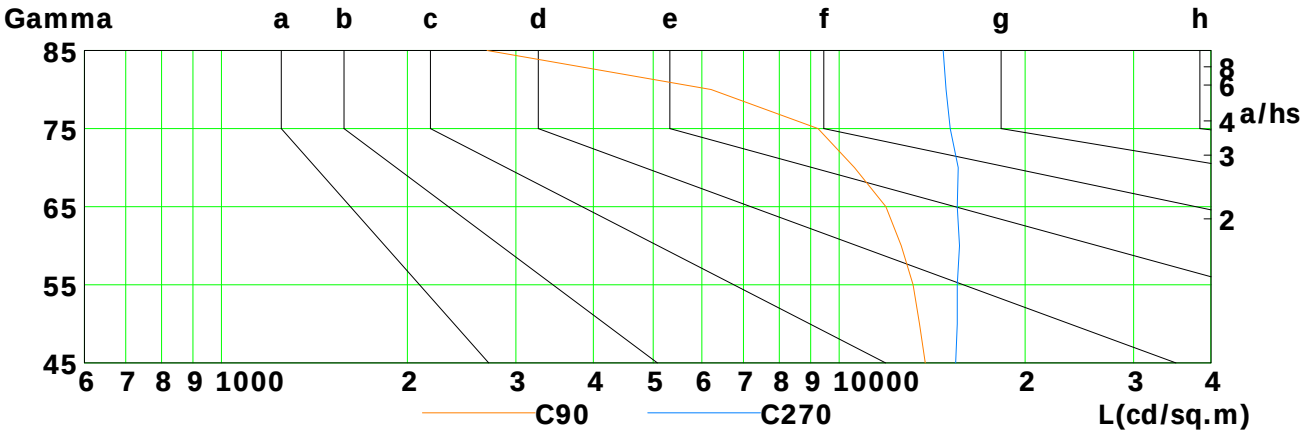
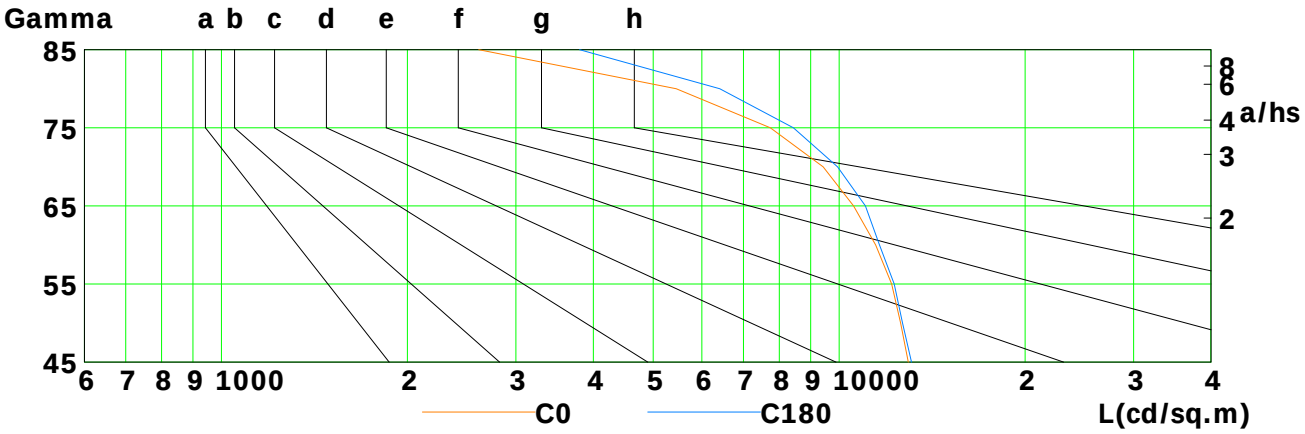
Lum Limit Curve

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	12951	12582	12168	11463	10557	9424	7739	5451	2610
C90	13786	13499	13173	12611	11910	10599	9252	6207	2692
C180	13102	12674	12282	11623	11028	9951	8437	6411	3803
C270	15444	15532	15533	15666	15544	15586	15129	14905	14751

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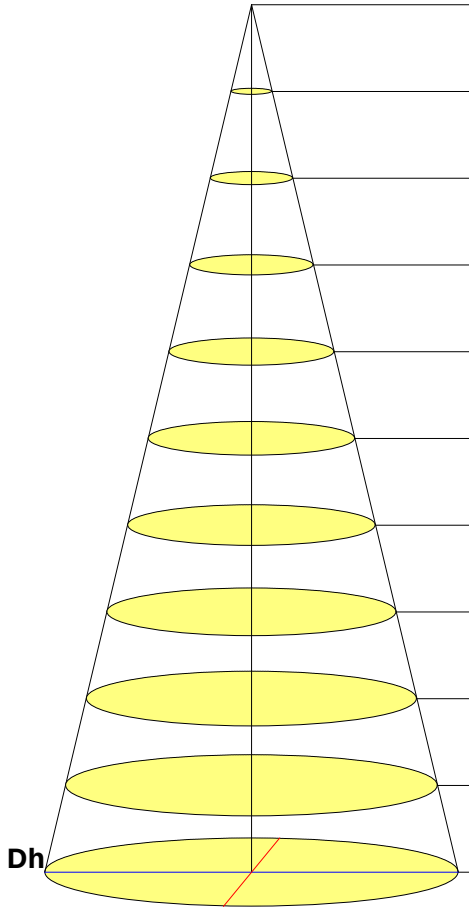
Illuminance at a Distance



Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	58.10	3.37/3.34	9.0	8.19
2.0	14.52	6.73/6.68	35.9	2.05
3.0	6.46	10.10/10.02	80.7	0.91
4.0	3.63	13.46/13.36	143.5	0.51
5.0	2.32	16.83/16.70	224.2	0.33
6.0	1.61	20.20/20.04	322.9	0.23
7.0	1.19	23.56/23.38	439.5	0.17
8.0	0.91	26.93/26.72	574.1	0.13
9.0	0.72	30.30/30.06	726.5	0.10
10.0	0.58	33.66/33.40	897.0	0.08

Beam Angle(B): H118.6 V118.2 Field Angle(F): H162.7 V163.2

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Test Type: TYPE C
Temperature: 25
Operator: Zk

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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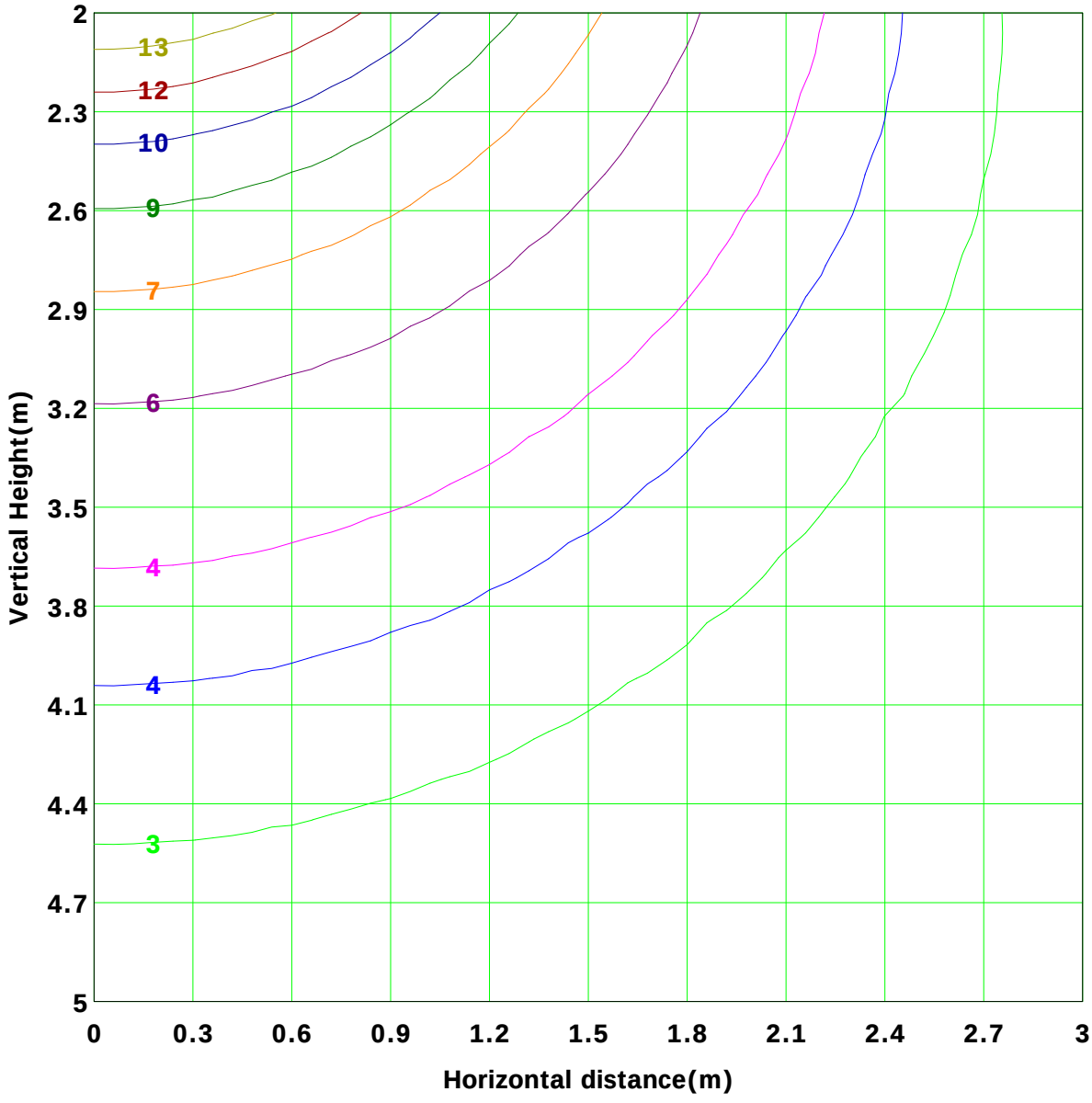
Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 14.5 lx

(10%): 1.5 lx	(20%): 2.9 lx
(25%): 3.6 lx	(30%): 4.4 lx
(40%): 5.8 lx	(50%): 7.3 lx
(60%): 8.7 lx	(70%): 10.2 lx
(80%): 11.6 lx	(90%): 13.1 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	1.0
-70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	3.2
-60	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	3.3
-50	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	4.7
-40	0.0	0.1	0.3	0.5	0.8	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	6.2
-30	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	7.6
-20	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	8.7
-10	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	9.3
0	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	9.5
10	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	9.3
20	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	8.7
30	0.0	0.1	0.3	0.5	0.8	1.1	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	7.6
40	0.0	0.1	0.3	0.5	0.8	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	6.2
50	0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	4.7
60	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	3.2
70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.3
80	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.6
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	1.0
Flux(T)	1.4	3.9	6.8	9.5	11.7	13.5	14.7	15.6	15.9	15.7	15.1	14.0	12.5	10.4	8.0	5.2	2.0	0.0			
Flux(E)	0.6	1.4	3.9	6.8	9.5	11.7	13.5	14.8	15.6	15.9	15.8	15.1	14.0	12.5	10.5	8.0	5.3	2.5	0.5	177	175

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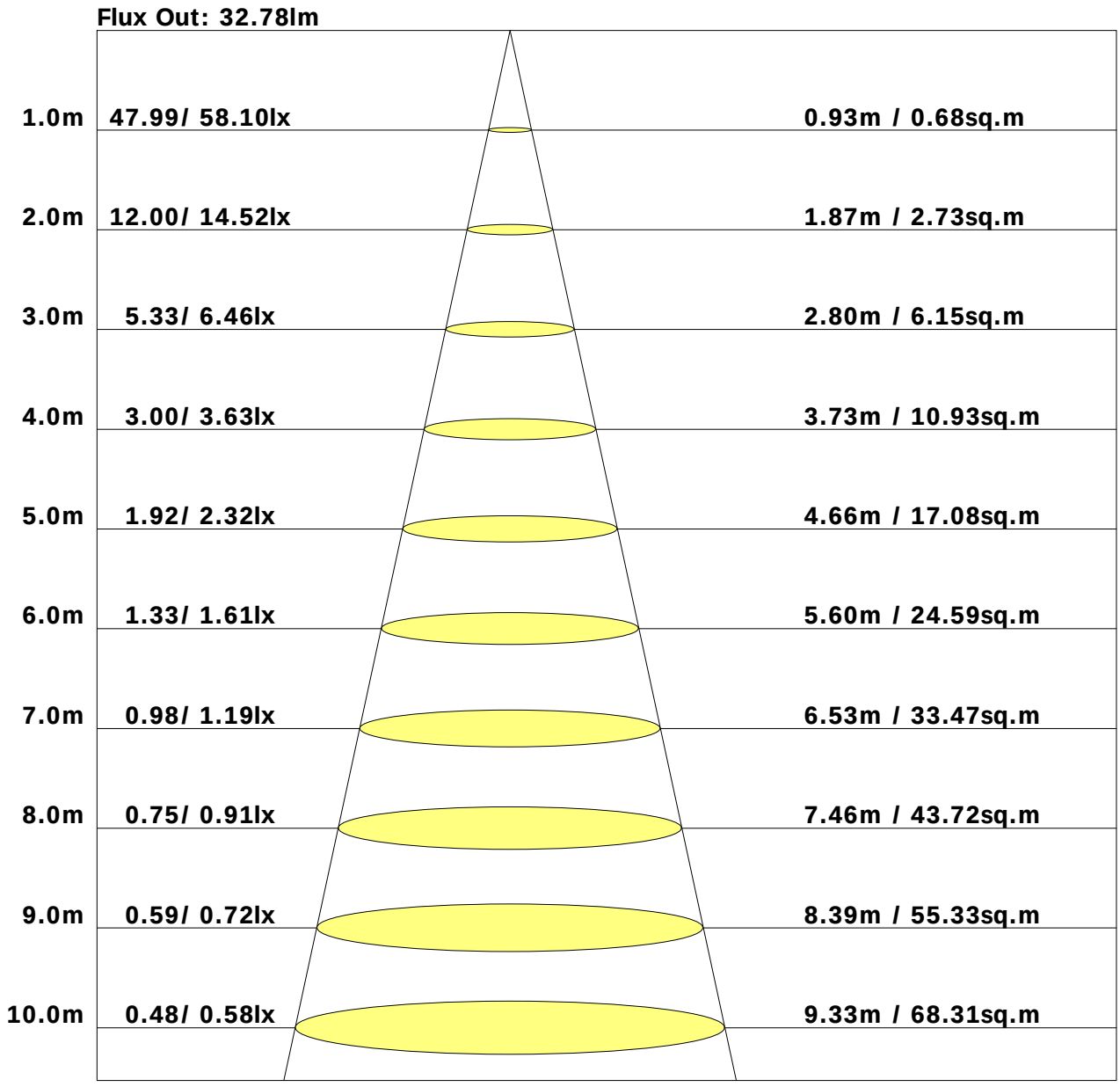
The Average Illuminance Effective Figure



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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	27.6	29.2	29.5	26.2	27.9	26.6	28.2	28.5
3H	29.0	30.5	29.4	30.9	31.2	27.8	29.2	28.1	29.6	30.0
4H	29.7	31.1	30.1	31.5	31.9	28.2	29.6	28.6	30.0	30.4
6H	30.2	31.5	30.6	31.9	32.3	28.4	29.7	28.9	30.1	30.5
8H	30.3	31.6	30.7	32.0	32.4	28.5	29.7	28.9	30.1	30.5
12H	30.4	31.6	30.8	32.0	32.4	28.5	29.7	28.9	30.1	30.5
X=4H Y=2H	27.8	29.2	28.2	29.6	29.9	26.9	28.3	27.3	28.7	29.1
3H	29.8	31.0	30.2	31.4	31.8	28.6	29.8	29.0	30.2	30.6
4H	30.6	31.7	31.1	32.1	32.6	29.2	30.2	29.6	30.7	31.1
6H	31.2	32.1	31.6	32.6	33.0	29.5	30.4	29.9	30.8	31.3
8H	31.3	32.2	31.8	32.7	33.2	29.5	30.4	30.0	30.8	31.3
12H	31.5	32.2	31.9	32.7	33.2	29.5	30.3	30.0	30.8	31.3
X=8H Y=4H	30.9	31.8	31.3	32.2	32.7	29.4	30.3	29.9	30.8	31.2
6H	31.5	32.3	32.0	32.8	33.3	29.8	30.5	30.3	31.0	31.5
8H	31.8	32.4	32.3	32.9	33.4	29.9	30.5	30.4	31.0	31.5
12H	31.9	32.5	32.4	33.0	33.6	29.9	30.5	30.4	31.0	31.5
X=12H Y=4H	30.9	31.7	31.4	32.2	32.7	29.5	30.3	30.0	30.7	31.2
6H	31.6	32.2	32.1	32.7	33.3	29.8	30.5	30.4	31.0	31.5
8H	31.8	32.4	32.4	32.9	33.5	29.9	30.5	30.4	31.0	31.6

Calculate in accordance with CIE 190:2010

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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	0.75	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.51	0.59	0.67	0.73	0.81	0.86	0.90	0.96	1.00
	0.20		0.45	0.53	0.62	0.67	0.76	0.82	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	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.45	0.53	0.61	0.66	0.74	0.80	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	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.42	0.50	0.57	0.62	0.69	0.74	0.78	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
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Email: sales-us@genledbrands.com

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	0.96	0.82	0.69	0.60	0.48	0.40	0.34	0.27	0.22
	0.30		0.80	0.70	0.60	0.53	0.44	0.37	0.32	0.25	0.21
	0.20		0.69	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20
0.50	0.50	0.20	0.93	0.79	0.66	0.58	0.46	0.42	0.33	0.25	0.21
	0.30		0.79	0.68	0.59	0.52	0.42	0.35	0.31	0.24	0.20
	0.20		0.68	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.90	0.76	0.64	0.55	0.44	0.36	0.31	0.24	0.20
	0.30		0.77	0.67	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.67	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.57	0.50	0.42	0.37	0.30	0.25	0.22	0.17	0.14

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 = 1.50								
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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	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	0.10	0.12	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	0.10	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: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	58.3	0.1	0.1	0.03	0.03
1.0-2.0	58.2	0.2	0.2	0.09	0.12
2.0-3.0	58.2	0.3	0.5	0.16	0.28
3.0-4.0	58.1	0.4	0.9	0.22	0.50
4.0-5.0	58.1	0.5	1.4	0.28	0.78
5.0-6.0	58.0	0.6	2.0	0.34	1.12
6.0-7.0	57.9	0.7	2.7	0.40	1.52
7.0-8.0	57.8	0.8	3.5	0.46	1.98
8.0-9.0	57.6	0.9	4.5	0.52	2.51
9.0-10.0	57.5	1.0	5.5	0.58	3.09
10.0-11.0	57.3	1.1	6.7	0.64	3.73
11.0-12.0	57.2	1.2	7.9	0.70	4.43
12.0-13.0	57.0	1.4	9.3	0.76	5.19
13.0-14.0	56.7	1.5	10.7	0.81	6.00
14.0-15.0	56.5	1.6	12.3	0.87	6.87
15.0-16.0	56.3	1.6	13.9	0.92	7.79
16.0-17.0	56.0	1.7	15.7	0.98	8.76
17.0-18.0	55.7	1.8	17.5	1.03	9.79
18.0-19.0	55.5	1.9	19.4	1.08	10.87
19.0-20.0	55.1	2.0	21.5	1.13	12.00
20.0-21.0	54.8	2.1	23.6	1.18	13.18
21.0-22.0	54.4	2.2	25.7	1.22	14.40
22.0-23.0	54.1	2.3	28.0	1.27	15.67
23.0-24.0	53.7	2.3	30.4	1.31	16.98
24.0-25.0	53.3	2.4	32.8	1.36	18.34
25.0-26.0	52.9	2.5	35.3	1.40	19.74
26.0-27.0	52.4	2.6	37.8	1.43	21.17
27.0-28.0	52.0	2.6	40.5	1.47	22.64
28.0-29.0	51.5	2.7	43.2	1.51	24.15
29.0-30.0	51.0	2.8	45.9	1.54	25.69
30.0-31.0	50.5	2.8	48.7	1.57	27.26
31.0-32.0	50.0	2.9	51.6	1.60	28.87
32.0-33.0	49.4	2.9	54.5	1.63	30.49
33.0-34.0	48.9	3.0	57.5	1.65	32.15
34.0-35.0	48.3	3.0	60.5	1.68	33.83
35.0-36.0	47.8	3.0	63.5	1.70	35.53

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 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	47.1	3.1	66.6	1.72	37.25
37.0-38.0	46.5	3.1	69.7	1.74	38.99
38.0-39.0	45.9	3.1	72.8	1.75	40.74
39.0-40.0	45.3	3.2	76.0	1.77	42.51
40.0-41.0	44.7	3.2	79.2	1.78	44.29
41.0-42.0	43.9	3.2	82.4	1.79	46.07
42.0-43.0	43.2	3.2	85.6	1.79	47.86
43.0-44.0	42.4	3.2	88.8	1.79	49.65
44.0-45.0	41.7	3.2	92.0	1.79	51.45
45.0-46.0	41.0	3.2	95.2	1.79	53.24
46.0-47.0	40.2	3.2	98.4	1.79	55.04
47.0-48.0	39.5	3.2	101.6	1.79	56.82
48.0-49.0	38.7	3.2	104.7	1.78	58.60
49.0-50.0	37.8	3.2	107.9	1.76	60.36
50.0-51.0	37.0	3.1	111.0	1.75	62.11
51.0-52.0	36.2	3.1	114.1	1.74	63.85
52.0-53.0	35.3	3.1	117.2	1.72	65.57
53.0-54.0	34.4	3.0	120.2	1.70	67.26
54.0-55.0	33.6	3.0	123.2	1.68	68.94
55.0-56.0	32.6	2.9	126.2	1.65	70.59
56.0-57.0	31.6	2.9	129.1	1.62	72.21
57.0-58.0	30.7	2.8	131.9	1.59	73.80
58.0-59.0	29.8	2.8	134.7	1.56	75.36
59.0-60.0	28.9	2.7	137.4	1.53	76.88
60.0-61.0	27.9	2.7	140.1	1.49	78.37
61.0-62.0	26.9	2.6	142.7	1.45	79.82
62.0-63.0	25.9	2.5	145.2	1.41	81.23
63.0-64.0	24.8	2.4	147.6	1.36	82.59
64.0-65.0	23.8	2.4	150.0	1.32	83.91
65.0-66.0	22.7	2.3	152.2	1.27	85.18
66.0-67.0	21.7	2.2	154.4	1.22	86.40
67.0-68.0	20.7	2.1	156.5	1.17	87.57
68.0-69.0	19.6	2.0	158.5	1.12	88.69
69.0-70.0	18.5	1.9	160.4	1.06	89.75
70.0-71.0	17.4	1.8	162.2	1.01	90.76
71.0-72.0	16.4	1.7	163.9	0.95	91.71

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	15.3	1.6	165.5	0.90	92.61
73.0-74.0	14.2	1.5	167.0	0.84	93.44
74.0-75.0	13.1	1.4	168.4	0.78	94.22
75.0-76.0	11.9	1.3	169.7	0.71	94.93
76.0-77.0	10.9	1.2	170.8	0.65	95.58
77.0-78.0	10.0	1.1	171.9	0.60	96.18
78.0-79.0	9.0	1.0	172.9	0.54	96.72
79.0-80.0	7.9	0.9	173.7	0.48	97.19
80.0-81.0	6.9	0.7	174.5	0.41	97.61
81.0-82.0	6.0	0.6	175.1	0.36	97.97
82.0-83.0	5.1	0.6	175.7	0.31	98.28
83.0-84.0	4.3	0.5	176.1	0.26	98.54
84.0-85.0	3.4	0.4	176.5	0.21	98.75
85.0-86.0	2.7	0.3	176.8	0.16	98.92
86.0-87.0	2.1	0.2	177.0	0.13	99.05
87.0-88.0	1.6	0.2	177.2	0.10	99.15
88.0-89.0	1.2	0.1	177.3	0.07	99.22
89.0-90.0	0.7	0.1	177.4	0.04	99.26
90.0-91.0	0.5	0.1	177.5	0.03	99.29
91.0-92.0	0.4	0.0	177.5	0.02	99.31
92.0-93.0	0.3	0.0	177.5	0.02	99.33
93.0-94.0	0.2	0.0	177.6	0.01	99.34
94.0-95.0	0.2	0.0	177.6	0.01	99.35
95.0-96.0	0.2	0.0	177.6	0.01	99.36
96.0-97.0	0.1	0.0	177.6	0.01	99.37
97.0-98.0	0.1	0.0	177.6	0.01	99.37
98.0-99.0	0.1	0.0	177.6	0.01	99.38
99.0-100.0	0.1	0.0	177.6	0.01	99.39
100.0-101.0	0.1	0.0	177.7	0.01	99.39
101.0-102.0	0.1	0.0	177.7	0.01	99.40
102.0-103.0	0.1	0.0	177.7	0.01	99.41
103.0-104.0	0.1	0.0	177.7	0.01	99.41
104.0-105.0	0.2	0.0	177.7	0.01	99.42
105.0-106.0	0.2	0.0	177.7	0.01	99.43
106.0-107.0	0.1	0.0	177.7	0.01	99.44
107.0-108.0	0.2	0.0	177.8	0.01	99.45

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	0.2	0.0	177.8	0.01	99.46
109.0-110.0	0.1	0.0	177.8	0.01	99.47
110.0-111.0	0.1	0.0	177.8	0.01	99.48
111.0-112.0	0.2	0.0	177.8	0.01	99.49
112.0-113.0	0.2	0.0	177.8	0.01	99.50
113.0-114.0	0.2	0.0	177.9	0.01	99.51
114.0-115.0	0.1	0.0	177.9	0.01	99.52
115.0-116.0	0.2	0.0	177.9	0.01	99.52
116.0-117.0	0.2	0.0	177.9	0.01	99.53
117.0-118.0	0.2	0.0	177.9	0.01	99.54
118.0-119.0	0.2	0.0	177.9	0.01	99.55
119.0-120.0	0.2	0.0	178.0	0.01	99.56
120.0-121.0	0.2	0.0	178.0	0.01	99.58
121.0-122.0	0.2	0.0	178.0	0.01	99.59
122.0-123.0	0.2	0.0	178.0	0.01	99.60
123.0-124.0	0.2	0.0	178.0	0.01	99.61
124.0-125.0	0.1	0.0	178.1	0.01	99.61
125.0-126.0	0.2	0.0	178.1	0.01	99.62
126.0-127.0	0.3	0.0	178.1	0.01	99.64
127.0-128.0	0.2	0.0	178.1	0.01	99.65
128.0-129.0	0.2	0.0	178.1	0.01	99.66
129.0-130.0	0.2	0.0	178.1	0.01	99.67
130.0-131.0	0.2	0.0	178.2	0.01	99.68
131.0-132.0	0.2	0.0	178.2	0.01	99.69
132.0-133.0	0.2	0.0	178.2	0.01	99.70
133.0-134.0	0.2	0.0	178.2	0.01	99.71
134.0-135.0	0.3	0.0	178.2	0.01	99.72
135.0-136.0	0.3	0.0	178.3	0.01	99.73
136.0-137.0	0.3	0.0	178.3	0.01	99.74
137.0-138.0	0.2	0.0	178.3	0.01	99.75
138.0-139.0	0.3	0.0	178.3	0.01	99.77
139.0-140.0	0.3	0.0	178.3	0.01	99.78
140.0-141.0	0.3	0.0	178.4	0.01	99.79
141.0-142.0	0.3	0.0	178.4	0.01	99.80
142.0-143.0	0.3	0.0	178.4	0.01	99.81
143.0-144.0	0.3	0.0	178.4	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	178.4	0.01	99.83
145.0-146.0	0.2	0.0	178.4	0.01	99.83
146.0-147.0	0.2	0.0	178.5	0.01	99.84
147.0-148.0	0.2	0.0	178.5	0.01	99.85
148.0-149.0	0.3	0.0	178.5	0.01	99.86
149.0-150.0	0.3	0.0	178.5	0.01	99.87
150.0-151.0	0.3	0.0	178.5	0.01	99.87
151.0-152.0	0.3	0.0	178.5	0.01	99.88
152.0-153.0	0.2	0.0	178.5	0.01	99.89
153.0-154.0	0.3	0.0	178.6	0.01	99.90
154.0-155.0	0.3	0.0	178.6	0.01	99.90
155.0-156.0	0.3	0.0	178.6	0.01	99.91
156.0-157.0	0.3	0.0	178.6	0.01	99.92
157.0-158.0	0.3	0.0	178.6	0.01	99.93
158.0-159.0	0.3	0.0	178.6	0.01	99.93
159.0-160.0	0.3	0.0	178.6	0.01	99.94
160.0-161.0	0.3	0.0	178.6	0.01	99.94
161.0-162.0	0.3	0.0	178.7	0.01	99.95
162.0-163.0	0.3	0.0	178.7	0.00	99.95
163.0-164.0	0.3	0.0	178.7	0.00	99.96
164.0-165.0	0.3	0.0	178.7	0.00	99.96
165.0-166.0	0.3	0.0	178.7	0.00	99.97
166.0-167.0	0.2	0.0	178.7	0.00	99.97
167.0-168.0	0.2	0.0	178.7	0.00	99.97
168.0-169.0	0.3	0.0	178.7	0.00	99.98
169.0-170.0	0.4	0.0	178.7	0.00	99.98
170.0-171.0	0.4	0.0	178.7	0.00	99.99
171.0-172.0	0.4	0.0	178.7	0.00	99.99
172.0-173.0	0.3	0.0	178.7	0.00	99.99
173.0-174.0	0.3	0.0	178.7	0.00	99.99
174.0-175.0	0.4	0.0	178.7	0.00	100.00
175.0-176.0	0.3	0.0	178.7	0.00	100.00
176.0-177.0	0.3	0.0	178.7	0.00	100.00
177.0-178.0	0.4	0.0	178.7	0.00	100.00
178.0-179.0	0.3	0.0	178.7	0.00	100.00
179.0-180.0	0.3	0.0	178.7	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: