

# LEDS C4<sup>®</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

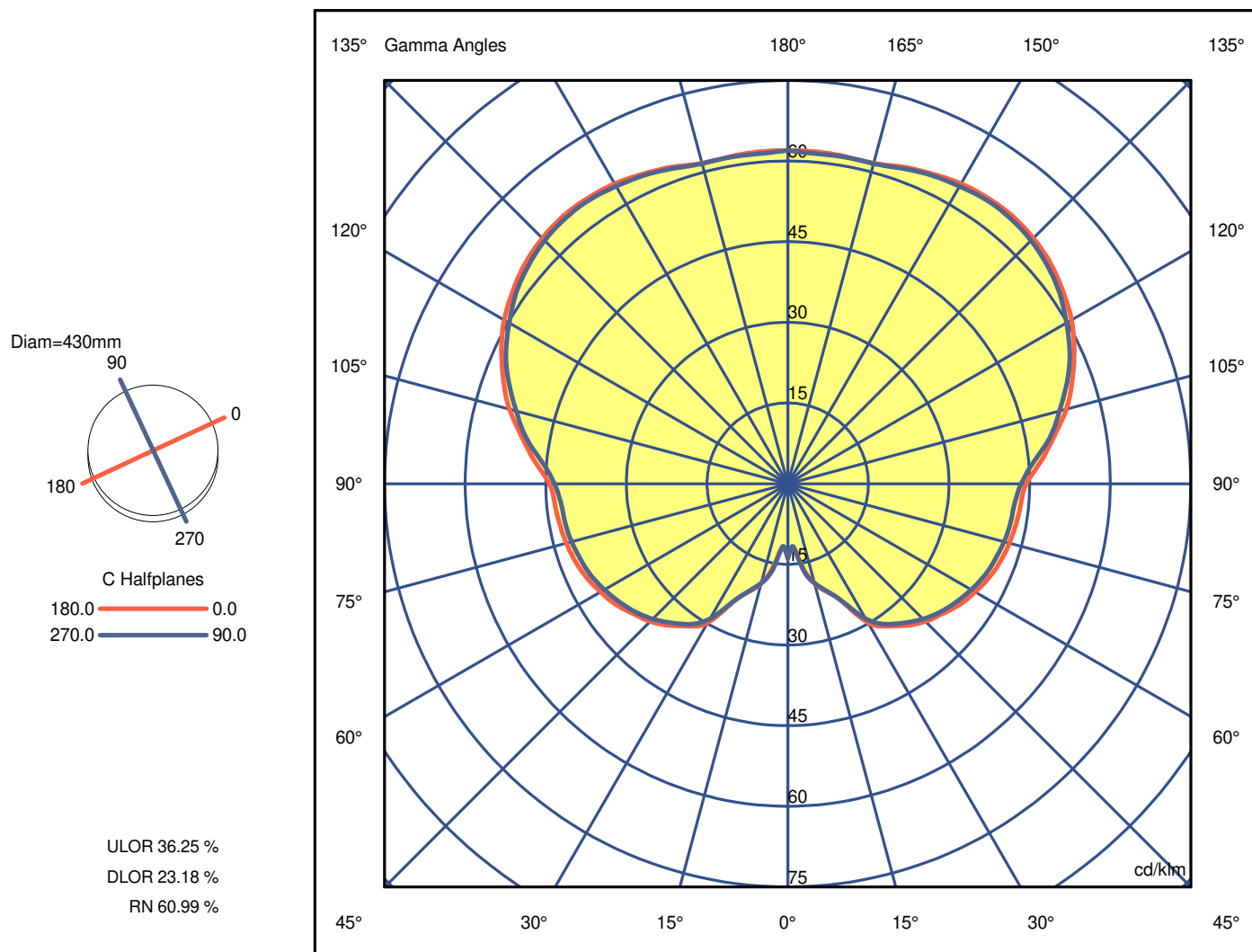
## Measurement

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical
Round Luminaire		Diam.	430 mm	Height	260 mm		
Round Luminous Area		Diam.	430 mm	Height	260 mm		
Horizontal Luminous Area			0.145220 m2	Emitting area on Plane 180°			0.111800 m2
Emitting area on Plane 0°			0.111800 m2	Emitting area on Plane 270°			0.111800 m2
Emitting area on Plane 90°			0.111800 m2	Glare area at 76°			0.143611 m2
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		14-09-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1340.00 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

## Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	25-9503-Z5-M1	STANDAR GOC 100W O	1340.00	100.00	1
C.I.E.	18 43 71 39 59	D DIN 5040	D12		
F UTE	0.23 J + 0.36 T	B NBN	BZ 9		



# LEDS C4

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measurement

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85
G 5.0	11.96	12.82	13.49	14.00	13.19	12.70	11.74	12.70	13.19	14.00	13.49	12.82
G 10.0	15.72	16.51	17.76	17.94	17.22	16.13	16.20	16.13	17.22	17.94	17.76	16.51
G 15.0	19.20	19.89	21.25	21.92	21.07	19.51	19.12	19.51	21.07	21.92	21.25	19.89
G 20.0	21.42	22.10	23.96	24.40	23.75	21.83	21.27	21.83	23.75	24.40	23.96	22.10
G 25.0	24.32	24.78	25.87	26.35	25.32	24.28	24.19	24.28	25.32	26.35	25.87	24.78
G 30.0	29.84	27.42	27.35	28.64	27.07	26.89	28.97	26.89	27.07	28.64	27.35	27.42
G 35.0	32.33	31.39	29.53	30.76	28.92	30.32	31.87	30.32	28.92	30.76	29.53	31.39
G 40.0	34.37	34.49	31.92	32.50	31.43	33.43	33.76	33.43	31.43	32.50	31.92	34.49
G 45.0	36.21	36.25	34.49	34.01	33.93	35.48	35.55	35.48	33.93	34.01	34.49	36.25
G 50.0	37.59	37.83	37.25	36.00	35.91	37.00	37.04	37.00	35.91	36.00	37.25	37.83
G 55.0	39.12	39.32	39.04	38.35	38.21	38.19	38.30	38.19	38.21	38.35	39.04	39.32
G 60.0	40.25	40.50	40.37	39.76	39.58	39.19	39.37	39.19	39.58	39.76	40.37	40.50
G 65.0	41.29	41.43	41.39	40.87	40.53	40.23	40.39	40.23	40.53	40.87	41.39	41.43
G 70.0	42.10	42.22	42.13	41.70	41.25	40.89	41.04	40.89	41.25	41.70	42.13	42.22
G 75.0	42.66	42.78	42.55	42.24	41.76	41.41	41.64	41.41	41.76	42.24	42.55	42.78
G 80.0	43.11	43.27	42.86	42.68	42.24	41.86	42.04	41.86	42.24	42.68	42.86	43.27
G 85.0	43.49	43.57	43.29	43.04	42.62	42.11	42.34	42.11	42.62	43.04	43.29	43.57
G 90.0	44.36	44.42	44.27	43.69	43.52	42.93	43.41	42.93	43.52	43.69	44.27	44.42
G 95.0	47.21	47.12	46.68	46.59	46.23	45.59	45.87	45.59	46.23	46.59	46.68	47.12
G100.0	50.24	50.56	50.22	49.66	49.35	48.54	49.48	48.54	49.35	49.66	50.22	50.56
G105.0	53.62	53.71	53.16	52.91	52.74	51.71	52.31	51.71	52.74	52.91	53.16	53.71
G110.0	56.31	56.46	55.98	55.71	55.45	54.46	55.26	54.46	55.45	55.71	55.98	56.46
G115.0	58.79	58.93	58.54	58.22	57.78	56.96	57.84	56.96	57.78	58.22	58.54	58.93
G120.0	60.92	60.86	60.47	60.55	60.09	59.16	59.84	59.16	60.09	60.55	60.47	60.86
G125.0	62.46	62.86	62.36	62.11	61.65	60.75	61.71	60.75	61.65	62.11	62.36	62.86
G130.0	63.79	64.16	63.45	63.38	63.15	62.07	63.05	62.07	63.15	63.38	63.45	64.16
G135.0	64.58	65.09	64.23	64.30	63.93	63.00	63.97	63.00	63.93	64.30	64.23	65.09
G140.0	64.99	65.52	64.82	64.69	64.28	63.24	64.41	63.24	64.28	64.69	64.82	65.52
G145.0	64.89	65.18	64.75	64.87	64.28	63.36	64.42	63.36	64.28	64.87	64.75	65.18
G150.0	64.45	64.77	64.33	64.43	63.85	62.98	63.87	62.98	63.85	64.43	64.33	64.77
G155.0	63.80	64.05	63.58	63.68	63.19	62.34	63.29	62.34	63.19	63.68	63.58	64.05
G160.0	62.70	63.00	62.63	62.55	62.22	61.27	62.40	61.27	62.22	62.55	62.63	63.00
G165.0	61.70	61.98	61.75	61.72	61.37	60.48	61.62	60.48	61.37	61.72	61.75	61.98
G170.0	61.79	62.15	61.75	61.80	61.27	60.56	61.68	60.56	61.27	61.80	61.75	62.15
G175.0	61.97	62.36	61.98	61.92	61.65	60.72	61.58	60.72	61.65	61.92	61.98	62.36
G180.0	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85	13.85
G 5.0	11.96	12.82	13.49	14.00	13.19	12.70	11.74	12.70	13.19	14.00	13.49	12.82
G 10.0	15.72	16.51	17.76	17.94	17.22	16.13	16.20	16.13	17.22	17.94	17.76	16.51
G 15.0	19.20	19.89	21.25	21.92	21.07	19.51	19.12	19.51	21.07	21.92	21.25	19.89
G 20.0	21.42	22.10	23.96	24.40	23.75	21.83	21.27	21.83	23.75	24.40	23.96	22.10
G 25.0	24.32	24.78	25.87	26.35	25.32	24.28	24.19	24.28	25.32	26.35	25.87	24.78
G 30.0	29.84	27.42	27.35	28.64	27.07	26.89	28.97	26.89	27.07	28.64	27.35	27.42
G 35.0	32.33	31.39	29.53	30.76	28.92	30.32	31.87	30.32	28.92	30.76	29.53	31.39
G 40.0	34.37	34.49	31.92	32.50	31.43	33.43	33.76	33.43	31.43	32.50	31.92	34.49
G 45.0	36.21	36.25	34.49	34.01	33.93	35.48	35.55	35.48	33.93	34.01	34.49	36.25
G 50.0	37.59	37.83	37.25	36.00	35.91	37.00	37.04	37.00	35.91	36.00	37.25	37.83
G 55.0	39.12	39.32	39.04	38.35	38.21	38.19	38.30	38.19	38.21	38.35	39.04	39.32
G 60.0	40.25	40.50	40.37	39.76	39.58	39.19	39.37	39.19	39.58	39.76	40.37	40.50
G 65.0	41.29	41.43	41.39	40.87	40.53	40.23	40.39	40.23	40.53	40.87	41.39	41.43
G 70.0	42.10	42.22	42.13	41.70	41.25	40.89	41.04	40.89	41.25	41.70	42.13	42.22
G 75.0	42.66	42.78	42.55	42.24	41.76	41.41	41.64	41.41	41.76	42.24	42.55	42.78
G 80.0	43.11	43.27	42.86	42.68	42.24	41.86	42.04	41.86	42.24	42.68	42.86	43.27
G 85.0	43.49	43.57	43.29	43.04	42.62	42.11	42.34	42.11	42.62	43.04	43.29	43.57
G 90.0	44.36	44.42	44.27	43.69	43.52	42.93	43.41	42.93	43.52	43.69	44.27	44.42
G 95.0	47.21	47.12	46.68	46.59	46.23	45.59	45.87	45.59	46.23	46.59	46.68	47.12
G100.0	50.24	50.56	50.22	49.66	49.35	48.54	49.48	48.54	49.35	49.66	50.22	50.56
G105.0	53.62	53.71	53.16	52.91	52.74	51.71	52.31	51.71	52.74	52.91	53.16	53.71
G110.0	56.31	56.46	55.98	55.71	55.45	54.46	55.26	54.46	55.45	55.71	55.98	56.46
G115.0	58.79	58.93	58.54	58.22	57.78	56.96	57.84	56.96	57.78	58.22	58.54	58.93
G120.0	60.92	60.86	60.47	60.55	60.09	59.16	59.84	59.16	60.09	60.55	60.47	60.86
G125.0	62.46	62.86	62.36	62.11	61.65	60.75	61.71	60.75	61.65	62.11	62.36	62.86
G130.0	63.79	64.16	63.45	63.38	63.15	62.07	63.05	62.07	63.15	63.38	63.45	64.16
G135.0	64.58	65.09	64.23	64.30	63.93	63.00	63.97	63.00	63.93	64.30	64.23	65.09
G140.0	64.99	65.52	64.82	64.69	64.28	63.24	64.41	63.24	64.28	64.69	64.82	65.52
G145.0	64.89	65.18	64.75	64.87	64.28	63.36	64.42	63.36	64.28	64.87	64.75	65.18
G150.0	64.45	64.77	64.33	64.43	63.85	62.98	63.87	62.98	63.85	64.43	64.33	64.77
G155.0	63.80	64.05	63.58	63.68	63.19	62.34	63.29	62.34	63.19	63.68	63.58	64.05
G160.0	62.70	63.00	62.63	62.55	62.22	61.27	62.40	61.27	62.22	62.55	62.63	63.00
G165.0	61.70	61.98	61.75	61.72	61.37	60.48	61.62	60.48	61.37	61.72	61.75	61.98
G170.0	61.79	62.15	61.75	61.80	61.27	60.56	61.68	60.56	61.27	61.80	61.75	62.15
G175.0	61.97	62.36	61.98	61.92	61.65	60.72	61.58	60.72	61.65	61.92	61.98	62.36
G180.0	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99

# LEDS C4<sup>®</sup>

## Luminaire

Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

## Measurem.

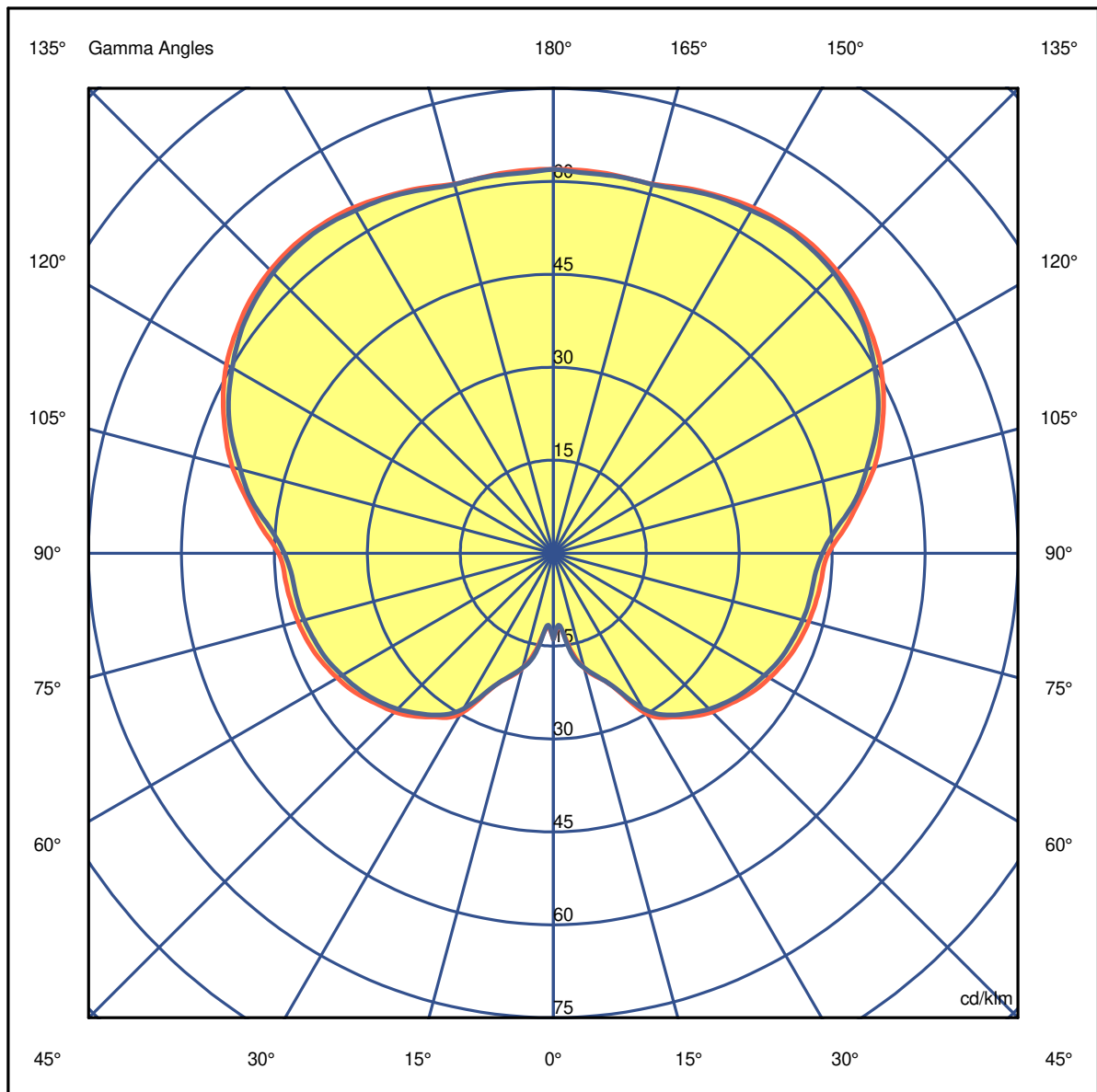
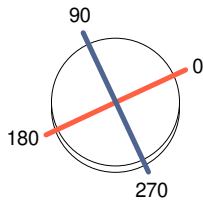
Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Diam=430mm

C Halfplanes

180.0 ———— 0.0  
 270.0 ———— 90.0



# LEDS C4<sup>®</sup>

## Luminaire

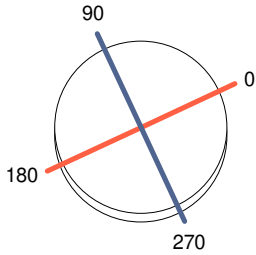
Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

## Measurerm.

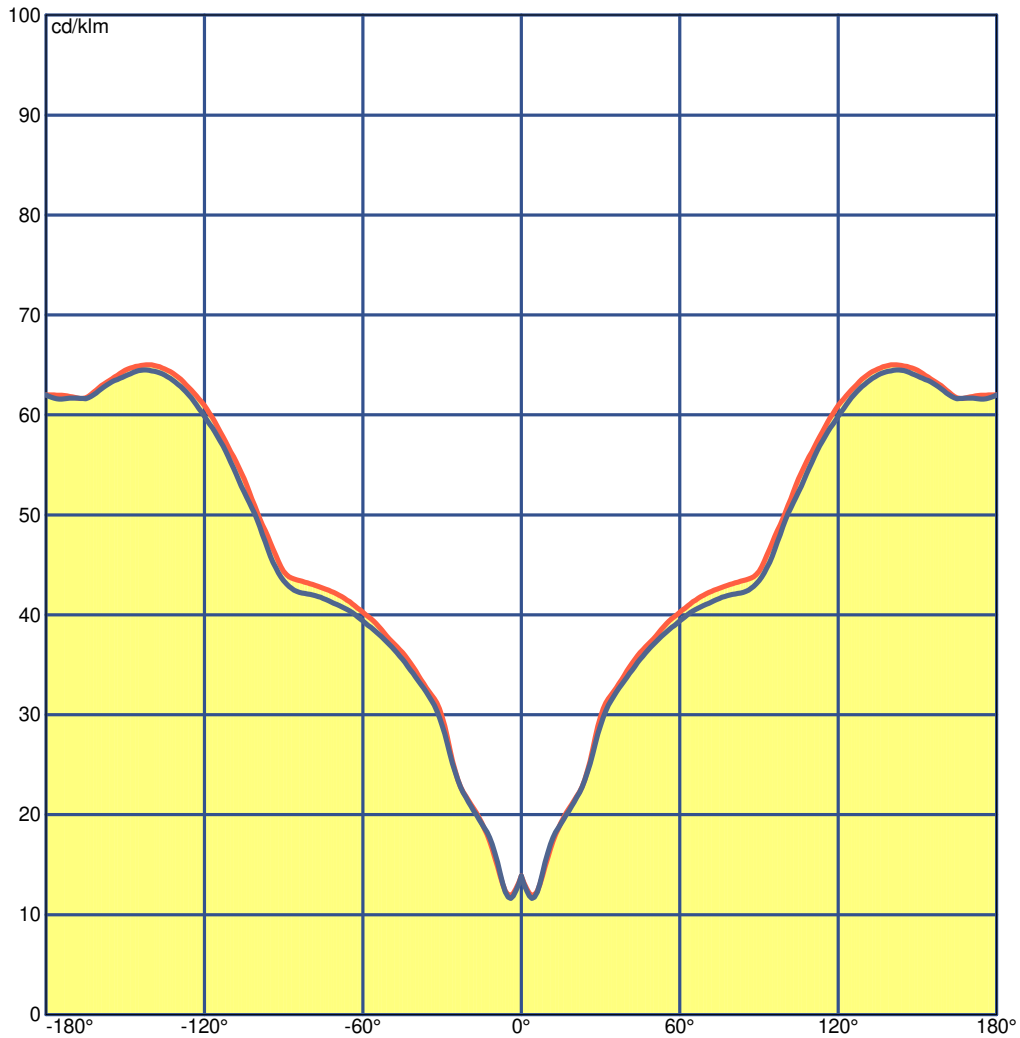
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Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Diam=430mm



C Halfplanes



# LEDS C4<sup>2</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measurem.

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	3.9	4.7	4.9	5.7	7.1	3.7	4.6	4.7	5.6	7.0
x=2H y=3H	6.8	7.6	7.8	8.6	10.0	6.6	7.4	7.6	8.4	9.8
x=2H y=4H	8.3	9.0	9.3	10.1	11.5	8.1	8.9	9.1	9.9	11.3
x=2H y=6H	9.8	10.5	10.8	11.5	12.9	9.6	10.3	10.6	11.3	12.7
x=2H y=8H	10.6	11.2	11.6	12.3	13.7	10.4	11.0	11.4	12.1	13.5
x=2H y=12H	11.3	11.9	12.3	13.0	14.4	11.1	11.7	12.1	12.8	14.2
x=4H y=2H	4.9	5.6	5.9	6.7	8.1	4.8	5.5	5.8	6.5	7.9
x=4H y=3H	7.9	8.5	9.0	9.6	11.0	7.8	8.4	8.8	9.5	10.9
x=4H y=4H	9.5	10.1	10.6	11.2	12.6	9.4	9.9	10.4	11.0	12.4
x=4H y=6H	11.2	11.7	12.3	12.8	14.2	11.0	11.5	12.1	12.6	14.0
x=4H y=8H	12.0	12.5	13.1	13.6	15.0	11.8	12.3	12.9	13.4	14.8
x=4H y=12H	12.8	13.3	13.9	14.4	15.8	12.6	13.1	13.7	14.2	15.7
x=8H y=4H	10.2	10.6	11.2	11.7	13.2	10.0	10.5	11.1	11.6	13.1
x=8H y=6H	12.0	12.4	13.1	13.5	15.0	11.9	12.3	13.0	13.4	14.9
x=8H y=8H	13.0	13.4	14.1	14.5	16.0	12.9	13.2	14.0	14.3	15.8
x=8H y=12H	14.0	14.3	15.1	15.4	16.9	13.8	14.1	14.9	15.3	16.8
x=12H y=4H	10.3	10.7	11.4	11.8	13.3	10.2	10.6	11.3	11.7	13.2
x=12H y=6H	12.3	12.6	13.4	13.7	15.2	12.1	12.5	13.2	13.6	15.1
x=12H y=8H	13.3	13.6	14.4	14.7	16.2	13.2	13.5	14.3	14.6	16.1

# LEDS C4<sup>+</sup>

## Luminaire

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## Measurum.

Code 25-9503-Z5-M1  
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Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Total Flux=1340.00 Luminaire Flux=796.38

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.11	0.16	0.21	0.27	0.32	0.40	0.47	0.52	0.59	0.64	0.77	0.86
RC	10	10	10	10	10	10	10	10	10	10	10	10

Zonal Flux per 1000 Lumen

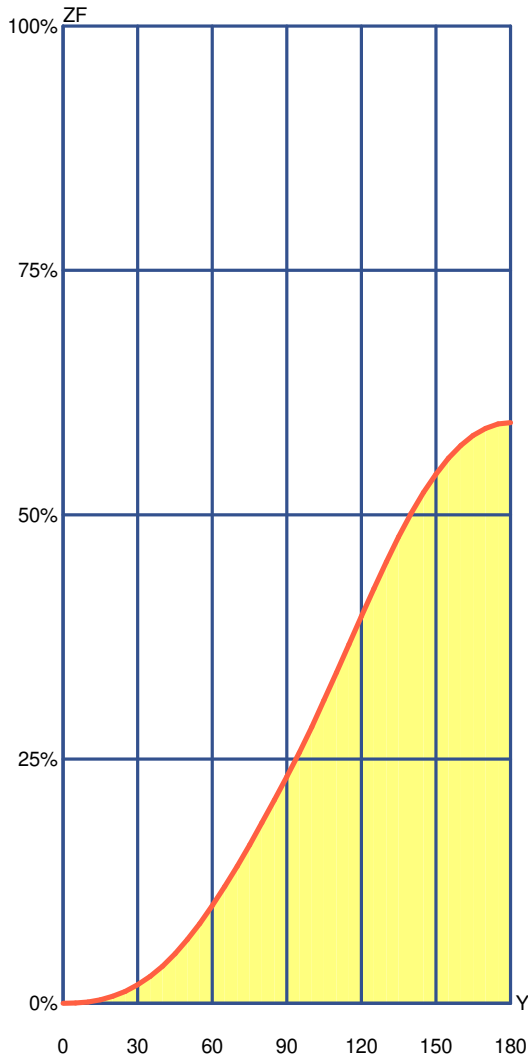
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	1	7	19	38	65	100	140	185	232	283	338	396	452	501	542	571	588	594

CIE Flux Codes

18 43 71 39 59

C.I.E. 10  
D DIN 5040 D12  
F UTE 0.23 J + 0.36 T  
B NBN BZ 9  
RN 60.98978 %  
BLF 1.0

LOR 59.43113 %  
ULOR 36.24692 %  
DLOR 23.18421 %  
UFF 60.98978 %  
DFF 39.01022 %  
FFR 156.34310 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.32	0.32	0.05 %	0.05 %
10°	1.07	1.39	0.18 %	0.23 %
15°	2.22	3.61	0.37 %	0.61 %
20°	3.57	7.18	0.60 %	1.21 %
25°	5.04	12.22	0.85 %	2.06 %
30°	6.70	18.92	1.13 %	3.18 %
35°	8.59	27.51	1.44 %	4.63 %
40°	10.59	38.10	1.78 %	6.41 %
45°	12.59	50.68	2.12 %	8.53 %
50°	14.53	65.21	2.44 %	10.97 %
55°	16.42	81.63	2.76 %	13.74 %
60°	18.15	99.78	3.05 %	16.79 %
65°	19.63	119.41	3.30 %	20.09 %
70°	20.89	140.30	3.52 %	23.61 %
75°	21.90	162.19	3.68 %	27.29 %
80°	22.67	184.87	3.81 %	31.11 %
85°	23.23	208.10	3.91 %	35.02 %
90°	23.74	231.84	3.99 %	39.01 %
95°	24.71	256.55	4.16 %	43.17 %
100°	26.13	282.68	4.40 %	47.56 %
105°	27.44	310.12	4.62 %	52.18 %
110°	28.36	338.49	4.77 %	56.95 %
115°	28.81	367.29	4.85 %	61.80 %
120°	28.78	396.07	4.84 %	66.64 %
125°	28.25	424.32	4.75 %	71.40 %
130°	27.23	451.55	4.58 %	75.98 %
135°	25.74	477.30	4.33 %	80.31 %
140°	23.83	501.12	4.01 %	84.32 %
145°	21.53	522.66	3.62 %	87.94 %
150°	18.94	541.60	3.19 %	91.13 %
155°	16.13	557.73	2.71 %	93.84 %
160°	13.19	570.92	2.22 %	96.06 %
165°	10.21	581.12	1.72 %	97.78 %
170°	7.30	588.42	1.23 %	99.01 %
175°	4.41	592.83	0.74 %	99.75 %
180°	1.48	594.31	0.25 %	100.00 %

# LEDS C4<sup>+</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measurem.

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

## Utilizations CIE

Mounting	Direct	Normalization										Normalised										Suspension Ratid/3										Standard CIE Settings									
Ceiling																																									
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000																		
0.60	377	339	360	325	322	310	289	245	281	240	262	198	248	169	224	212	187	202	161	177	171	147	136																		
0.80	416	382	389	359	363	343	325	284	312	274	290	230	273	200	256	241	218	230	190	207	198	174	161																		
1.00	443	412	406	380	392	364	352	314	332	298	309	255	291	223	280	263	241	250	213	229	219	195	181																		
1.25	467	439	419	397	418	381	377	342	350	320	326	278	307	246	301	284	264	269	235	251	240	217	201																		
1.50	483	459	426	407	437	392	396	365	362	336	339	295	319	264	317	299	281	284	253	268	256	234	217																		
2.00	505	485	433	419	463	405	424	397	378	357	356	319	337	290	338	321	305	306	279	292	281	259	242																		
2.50	518	502	436	425	479	412	443	419	387	369	367	336	349	308	352	335	322	321	297	309	298	277	259																		
3.00	528	513	437	428	490	416	457	436	393	378	374	347	357	321	361	346	334	332	311	321	310	291	272																		
4.00	539	528	437	430	505	419	476	459	401	389	384	363	369	340	373	359	350	347	330	338	328	310	290																		
5.00	546	537	436	431	514	421	488	474	405	395	390	373	377	352	380	368	360	357	342	349	339	323	302																		
10.00	559	554	432	429	532	422	516	508	412	407	403	393	394	381	395	387	382	379	371	372	365	353	330																		
20.00	565	562	428	426	540	420	531	527	415	412	409	404	404	397	401	396	394	392	387	385	381	370	345																		

## Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	236	215	214	196	204	187	161	141	151	133	126	102	109	81	123	105	96	91	77	90	79	70	62
0.80	281	260	249	232	244	219	199	177	183	164	157	130	137	107	150	131	120	116	100	112	100	88	78
1.00	315	295	275	259	276	244	230	208	209	190	182	154	162	129	172	152	142	137	120	130	118	103	91
1.25	349	330	299	285	307	268	262	240	234	216	208	180	187	154	195	175	164	159	142	150	137	119	106
1.50	375	357	318	305	332	286	288	267	254	238	229	203	208	176	213	194	184	178	161	166	153	134	118
2.00	414	399	344	334	369	314	329	309	285	270	261	237	241	211	241	223	214	208	191	192	180	156	138
2.50	442	429	364	355	396	333	359	341	308	295	285	264	266	239	263	246	237	231	216	212	201	174	155
3.00	464	452	379	371	418	349	383	367	326	314	305	285	287	261	280	264	256	250	236	229	218	190	168
4.00	497	487	402	396	450	373	420	406	353	344	335	319	319	297	307	293	286	280	268	255	245	214	191
5.00	521	513	420	415	474	392	448	436	375	367	358	344	344	324	327	315	309	303	292	276	267	234	209
10.00	591	586	475	473	544	449	526	519	437	433	427	418	417	404	390	381	377	373	366	339	332	295	266
20.00	653	650	529	527	606	503	595	591	496	494	489	484	483	476	448	443	440	437	433	399	394	354	323

## Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	225	203	210	190	189	177	136	116	131	112	100	75	77	50	99	75	66	57	44	59	44	34	25
0.80	281	257	259	238	237	221	181	157	172	151	138	107	112	78	131	105	93	85	67	81	65	49	38
1.00	326	302	297	277	276	255	219	193	207	184	171	137	143	104	158	131	118	109	90	101	84	64	50
1.25	370	347	333	314	316	289	259	232	242	219	206	171	177	135	186	159	145	137	115	123	105	79	63
1.50	405	382	361	344	347	315	291	265	271	248	235	199	206	162	209	182	169	160	137	141	123	93	74
2.00	455	436	401	386	393	353	341	316	313	292	279	245	251	208	245	219	206	198	175	170	153	116	93
2.50	490	473	428	415	426	379	378	354	343	324	312	280	285	244	270	247	234	226	204	192	176	133	108
3.00	516	500	447	435	449	398	405	384	365	348	336	307	310	272	289	267	256	248	227	209	194	146	120
4.00	550	537	472	463	482	423	444	425	395	381	370	345	347	313	316	297	287	279	261	233	219	166	137
5.00	573	562	488	481	503	440	470	454	415	403	393	371	372	343	334	317	308	301	285	249	237	179	148
10.00	623	617	523	519	552	476	531	521	461	454	446	434	433	415	376	365	359	354	344	289	281	213	179
20.00	652	648	543	541	580	496	568	562	488	484	479	472	471	461	401	395	392	388	382	315	310	236	200

LM53 SHR C0-C180: 2.937 SHR C90-C270: 2.910 SHR Square: 2.740

# LEDS C4<sup>2</sup>

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**Luminaire**

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

**Measurem.**

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

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Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

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Right beam angle not found, gamma = -39

Right beam angle not found, gamma = -39

Right beam angle not found, gamma = -39



# LEDS C4<sup>®</sup>

## Luminaire

Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

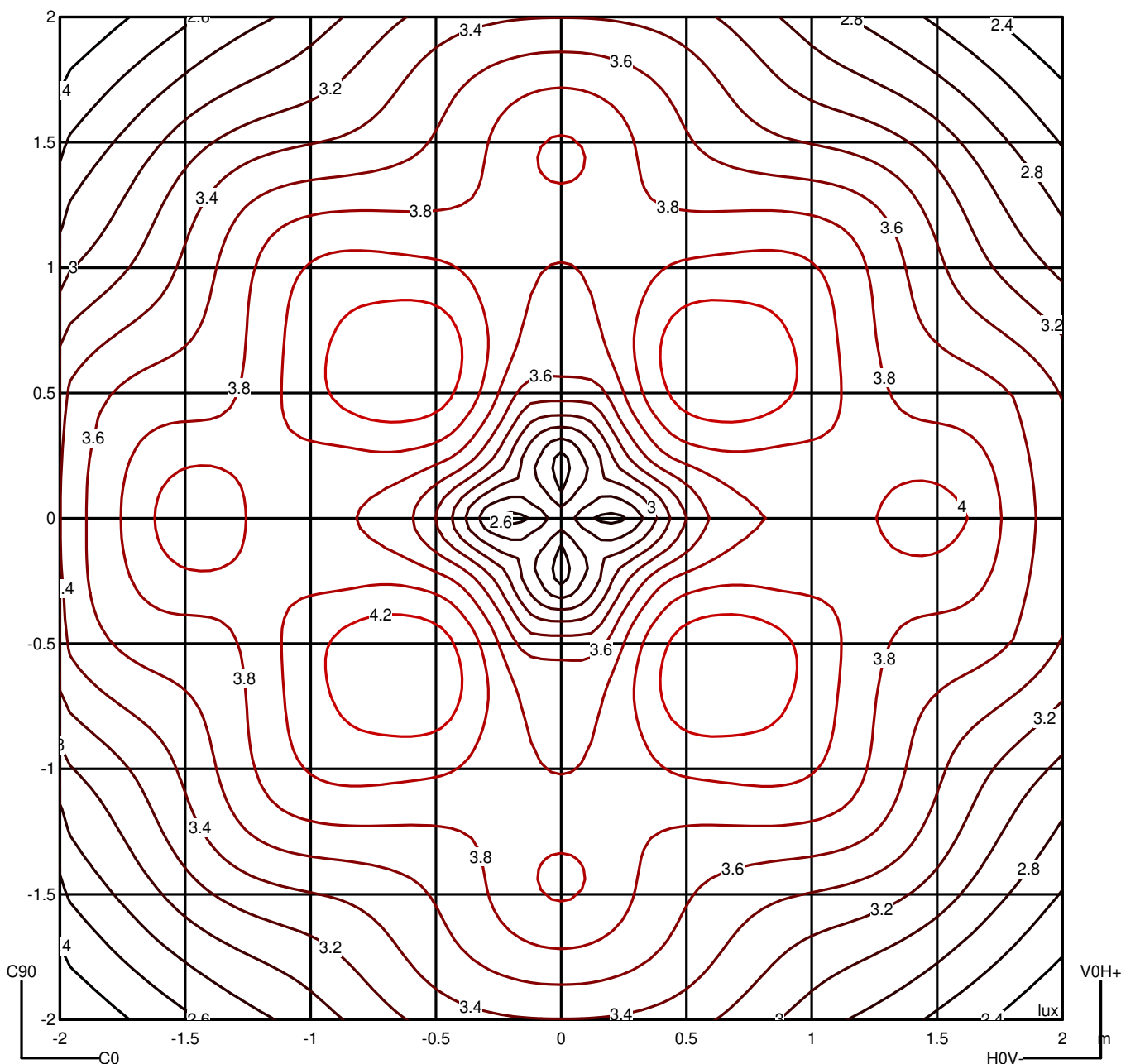
## Measurum.

Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



# LEDS C4<sup>®</sup>

## Luminaire

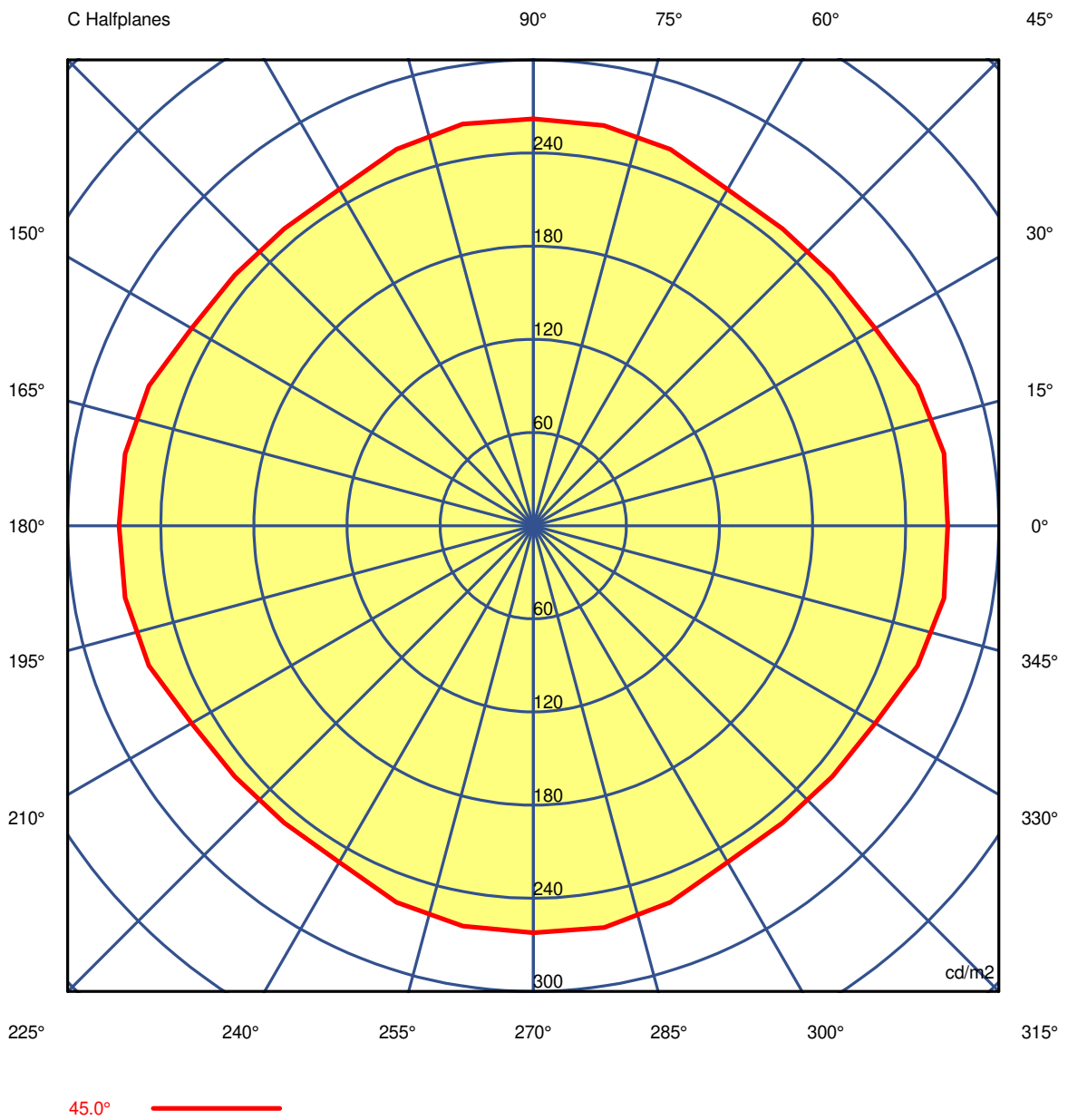
Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

## Measurem.

Code 25-9503-Z5-M1  
 Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Luminance



# LEDS C4<sup>+</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measurement

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Luminance cd/m2 Table 1/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80
G 5.0	103.83	109.01	113.21	117.07	121.17	119.80	114.43	112.02	106.86	101.89	106.87	112.01	114.43
G 10.0	129.73	133.44	139.76	146.54	148.53	146.73	142.09	135.31	133.28	133.67	133.28	135.30	142.09
G 15.0	152.03	155.07	160.82	168.25	173.05	172.69	166.89	158.10	152.44	151.42	152.44	158.10	166.89
G 20.0	164.27	166.61	174.12	183.78	187.21	186.59	182.13	172.03	164.63	163.16	164.63	172.03	182.13
G 25.0	182.18	183.96	188.09	193.82	197.46	195.80	189.72	183.76	181.15	181.21	181.15	183.76	189.72
G 30.0	220.13	206.94	199.80	201.72	209.62	209.14	199.71	195.71	204.36	213.70	204.36	195.72	199.71
G 35.0	236.60	233.47	223.95	216.15	223.14	221.84	211.70	216.14	227.48	233.28	227.48	216.14	211.70
G 40.0	251.55	254.80	246.00	233.58	236.41	235.39	230.02	239.22	247.05	247.02	247.05	239.22	230.02
G 45.0	267.01	268.74	263.41	254.31	251.29	249.73	250.20	258.08	261.76	262.10	262.78	258.08	250.20
G 50.0	281.40	283.06	282.63	278.84	272.32	267.84	268.85	274.65	277.11	277.30	277.80	274.65	268.85
G 55.0	299.75	301.03	301.09	299.12	295.42	293.10	292.80	292.59	292.95	293.49	292.95	292.59	292.80
G 60.0	318.31	319.81	320.47	319.26	315.89	313.83	313.05	310.68	310.23	311.36	310.23	310.68	313.05
G 65.0	340.08	340.84	341.45	340.87	338.07	335.51	333.81	331.76	331.63	332.64	331.63	331.76	333.81
G 70.0	364.59	365.40	365.68	364.83	362.51	359.86	357.27	354.67	354.39	355.40	354.39	354.67	357.27
G 75.0	392.66	393.75	393.36	391.63	389.86	387.48	384.35	381.58	381.78	383.25	381.78	381.58	384.35
G 80.0	426.94	428.62	427.43	424.45	423.23	421.58	418.32	415.09	414.93	416.30	414.93	415.09	418.32
G 85.0	469.87	470.86	469.98	467.66	465.89	463.91	460.50	455.99	455.51	457.45	455.51	455.99	460.50
G 90.0	531.70	532.27	532.44	530.57	525.58	523.00	521.58	515.83	516.11	520.32	516.11	515.83	521.58

# LEDS C4<sup>®</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measurement

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Luminance cd/m2 Table 2/3

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80
G 5.0	119.83	121.11	117.07	113.57	108.10	103.83	108.10	113.57	117.07	121.11	119.83	114.43	112.01
G 10.0	146.75	148.49	146.54	139.98	132.89	129.73	132.89	139.98	146.54	148.49	146.75	142.09	135.30
G 15.0	172.70	173.02	168.25	160.99	154.63	152.03	154.63	160.99	168.25	173.02	172.70	166.89	158.10
G 20.0	186.60	187.20	183.78	174.21	166.37	164.27	166.37	174.21	183.78	187.20	186.60	182.13	172.03
G 25.0	195.80	197.44	193.82	188.18	183.73	182.18	183.73	188.18	193.82	197.44	195.80	189.72	183.76
G 30.0	209.07	209.79	201.72	198.84	209.36	220.13	209.36	198.84	201.72	209.79	209.07	199.71	195.72
G 35.0	221.83	223.17	216.15	223.82	233.81	236.60	233.81	223.82	216.15	223.17	221.83	211.70	216.14
G 40.0	235.42	236.35	233.58	246.36	252.10	251.55	252.10	246.36	233.58	236.35	235.42	230.02	239.22
G 45.0	249.74	251.25	254.31	263.61	267.18	267.01	267.18	263.61	254.31	251.25	249.74	250.20	258.08
G 50.0	267.85	272.29	278.84	282.77	282.72	281.40	282.72	282.77	278.84	272.29	267.85	268.85	274.65
G 55.0	293.11	295.40	299.12	301.19	300.78	299.75	300.78	301.19	299.12	295.40	293.11	292.80	292.59
G 60.0	313.84	315.87	319.26	320.58	319.53	318.31	319.53	320.58	319.26	315.87	313.84	313.05	310.68
G 65.0	335.52	338.06	340.87	341.50	340.70	340.08	340.70	341.50	340.87	338.06	335.52	333.81	331.76
G 70.0	359.86	362.50	364.83	365.75	365.25	364.59	365.25	365.75	364.83	362.50	359.86	357.27	354.67
G 75.0	387.49	389.84	391.63	393.45	393.52	392.66	393.52	393.45	391.63	389.84	387.49	384.35	381.58
G 80.0	421.59	423.20	424.45	427.57	428.24	426.94	428.24	427.57	424.45	423.20	421.59	418.32	415.09
G 85.0	463.91	465.87	467.66	470.07	470.63	469.87	470.63	470.07	467.66	465.87	463.91	460.50	455.99
G 90.0	523.00	525.57	530.57	532.48	532.17	531.70	532.17	532.48	530.57	525.57	523.00	521.58	515.83

# LEDS C4<sup>®</sup>

## Luminaire

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

## Measur.

Code 25-9503-Z5-M1  
Name Pie salón MOONLIGHT 100W E27

Luminaire Flux	796.38 lm	Luminaire Power	100.00 W	Efficacy	7.96 lm/W	Efficiency	59.43%
Sources Flux	1340.00 lm	Maximum value	65.52 cd/klm	Position	C=15.00 G=140.00	CG	Asymmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80	127.80
G 5.0	106.87	101.89	106.86	112.02	114.43	119.80	121.17	117.07	113.21	109.01
G 10.0	133.28	133.67	133.28	135.31	142.09	146.73	148.53	146.54	139.76	133.44
G 15.0	152.44	151.42	152.44	158.10	166.89	172.69	173.05	168.25	160.82	155.07
G 20.0	164.63	163.16	164.63	172.03	182.13	186.59	187.21	183.78	174.12	166.61
G 25.0	181.15	181.21	181.15	183.76	189.72	195.80	197.46	193.82	188.09	183.96
G 30.0	204.36	213.70	204.36	195.71	199.71	209.14	209.62	201.72	199.80	206.94
G 35.0	227.48	233.28	227.48	216.14	211.70	221.84	223.14	216.15	223.95	233.47
G 40.0	247.05	247.02	247.05	239.22	230.02	235.39	236.41	233.58	246.00	254.80
G 45.0	261.76	262.10	262.78	258.08	250.20	249.73	251.29	254.31	263.41	268.74
G 50.0	277.11	277.30	277.80	274.65	268.85	267.84	272.32	278.84	282.63	283.06
G 55.0	292.95	293.49	292.95	292.59	292.80	293.10	295.42	299.12	301.09	301.03
G 60.0	310.23	311.36	310.23	310.68	313.05	313.83	315.89	319.26	320.47	319.81
G 65.0	331.63	332.64	331.63	331.76	333.81	335.51	338.07	340.87	341.45	340.84
G 70.0	354.39	355.40	354.39	354.67	357.27	359.86	362.51	364.83	365.68	365.40
G 75.0	381.78	383.25	381.78	381.58	384.35	387.48	389.86	391.63	393.36	393.75
G 80.0	414.93	416.30	414.93	415.09	418.32	421.58	423.23	424.45	427.43	428.62
G 85.0	455.51	457.45	455.51	455.99	460.50	463.91	465.89	467.66	469.98	470.86
G 90.0	516.11	520.32	516.11	515.83	521.58	523.00	525.58	530.57	532.44	532.27