

Basic Ceiling Aluminium Ceiling fixture

Designer: Josep Patsí

**Description**

Wall light for outdoor use.

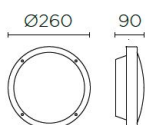
For frontal lighting. Structure material: Aluminium, Polycarbonate + ABS. Structure finish: Urban grey. Diffuser material: Polycarbonate. Diffuser finish: Opal. UV protection. Warranty: 5 Years.

Finish

Urban grey
Opal

Material

Aluminium
Polycarbonate + ABS
Polycarbonate



IP65 IK10



ULTRA HORIZONTAL



12

TECHNICAL CHARACTERISTICS**Light source**

Light source: LED SUNPU
Output (W): 14.5W
Total power consumption (W): 17.3
Color temperature: LED warm-white
3000K
CRI: 80
Photobiological risk: RG0
Real Lumen: 1182
Qty Leds: 39
Lm/Real W: 68
Life Time: 50.000h L80B20
Bin / Grup: Wi9 o Wi10
MacAdam steps: 3
UGR: 19.5

GEAR

Brand: EAGLERISE
Gear included: Yes, electronic
Voltage / Frequency: 100-240 VAC
Power Factor: 0.90

Luminaire

Double cable exit: No
Drainage: No
Uv Protection: Yes
Warranty: 5 Years

Logistics

Energy Efficiency: LED A++
EAN Code: 8435381463366
Net Weight (Kg): 0.900
Weight in Kg (packaged): 1.120
Packing: 270 x 110 x 275
Masterbox: 12

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire

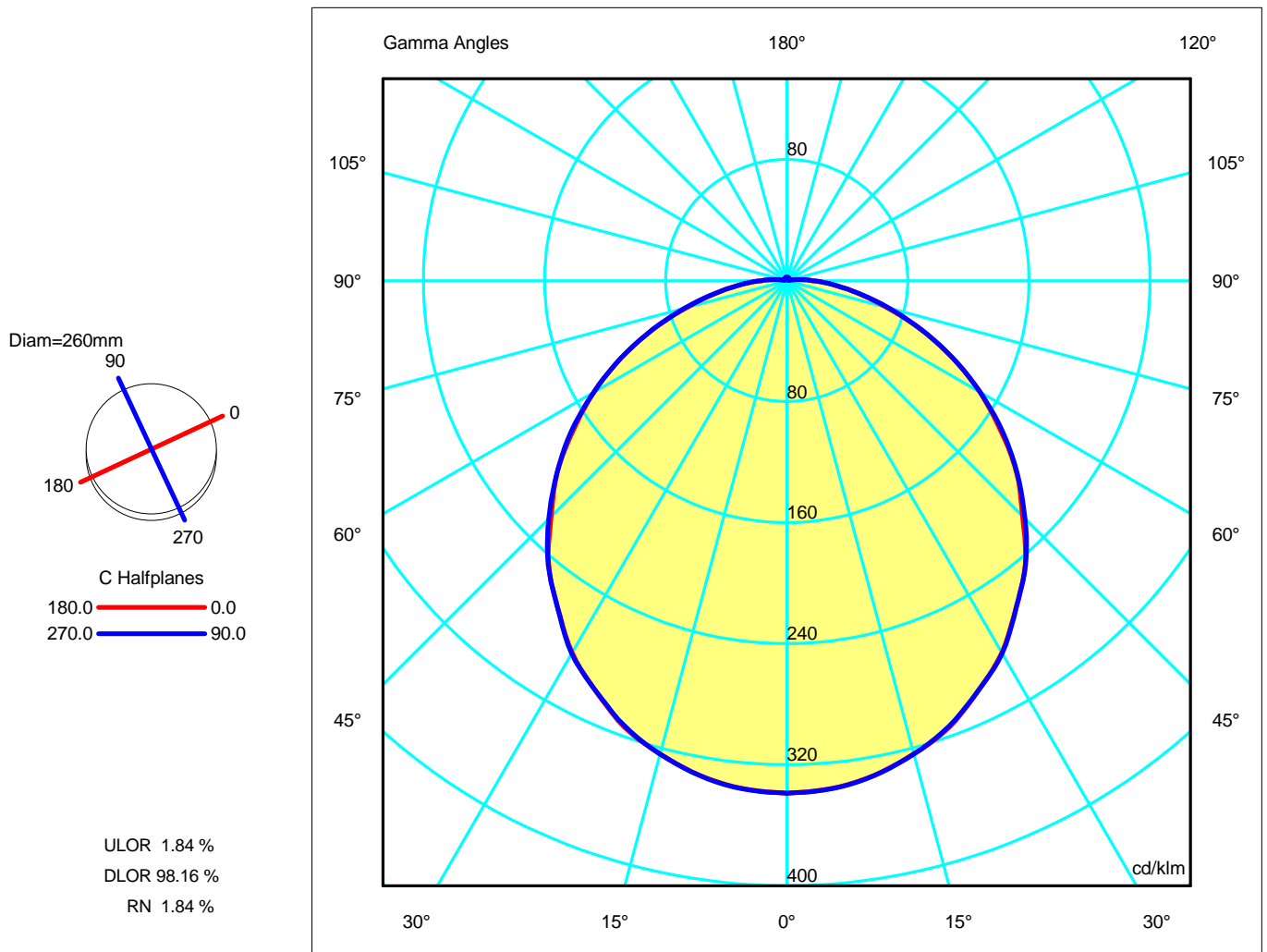
Code 15-9835-Z5-CL
 Name Plafon leds BASIC 14.5W

Measur.

Code CL116A17F223G
 Name Plafon leds BASIC 14.5W

Luminaire Flux	1182.42 lm	Luminaire Power	14.35 W	Efficacy	82.40 lm/W	Efficiency	100.00%
Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	
Round Luminaire Round Luminous Area		Diam. Diam.	260 mm 220 mm	Height Height	90 mm 20 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.038013 m2 0.004400 m2 0.004400 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.004400 m2 0.004400 m2 0.013466 m2	
Coordinate system Date Measurement Distance		CG 10-04-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 1182.42 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		15-9835-Z5-CL	Name	15-9835-Z5-CL	1182.42	14.35	1
C.I.E.	46 77 94 98 100		D DIN 5040		A31		
F UTE	0.98 E + 0.02 T		B NBN		BZ 5		



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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
G 0.0	338.71	338.71	338.71	338.71	338.71	338.71	338.71
G 5.0	336.90	337.07	337.00	337.18	337.05	337.05	337.10
G 10.0	332.07	332.37	332.16	332.22	332.57	332.12	332.13
G 15.0	323.86	324.45	324.03	324.19	324.15	324.75	323.93
G 20.0	313.99	313.64	313.28	313.06	313.57	313.11	313.34
G 25.0	299.04	299.84	299.22	299.23	299.41	300.48	299.00
G 30.0	283.92	283.27	283.87	283.56	283.69	282.80	284.41
G 35.0	263.92	264.84	264.22	264.81	264.98	265.58	264.09
G 40.0	244.92	244.06	245.08	244.94	244.01	243.05	245.26
G 45.0	220.28	221.45	221.61	222.06	221.70	222.32	222.47
G 50.0	198.31	197.73	198.78	198.90	198.82	196.69	198.58
G 55.0	172.23	172.82	173.57	173.68	172.31	173.18	173.86
G 60.0	147.24	147.18	147.21	147.51	147.66	146.83	147.46
G 65.0	120.70	119.70	120.94	120.96	120.12	121.05	120.76
G 70.0	93.94	94.18	94.22	94.46	94.37	94.10	94.32
G 75.0	68.14	70.30	69.39	69.78	70.68	69.72	69.76
G 80.0	47.63	48.39	47.79	47.80	48.06	48.36	47.83
G 85.0	30.75	30.80	30.72	30.15	30.91	30.10	30.60
G 90.0	16.83	17.35	16.85	16.89	17.04	18.05	17.18
G 95.0	7.99	7.65	7.63	7.83	7.85	7.59	8.32
G100.0	2.09	2.26	2.28	2.26	2.39	2.58	2.22
G105.0	1.17	1.16	1.15	1.14	1.15	1.17	1.17
G110.0	1.28	1.27	1.27	1.24	1.25	1.26	1.28
G115.0	1.40	1.37	1.39	1.33	1.37	1.39	1.38
G120.0	1.59	1.50	1.50	1.46	1.50	1.51	1.52
G125.0	1.73	1.61	1.59	1.59	1.59	1.62	1.73
G130.0	1.83	1.70	1.72	1.69	1.73	1.69	1.87
G135.0	1.86	1.78	1.82	1.81	1.78	1.78	1.88
G140.0	1.93	1.89	1.85	1.83	1.84	1.89	1.94
G145.0	2.00	1.96	1.95	1.88	1.94	1.97	2.01
G150.0	2.02	2.03	2.03	2.03	2.03	2.03	2.05
G155.0	2.08	2.07	2.12	2.14	2.12	2.09	2.10
G160.0	2.15	2.15	2.20	2.21	2.19	2.17	2.16
G165.0	2.22	2.22	2.23	2.24	2.23	2.23	2.25
G170.0	2.30	2.29	2.28	2.27	2.28	2.29	2.32
G175.0	2.35	2.34	2.33	2.31	2.32	2.34	2.34
G180.0	2.43	2.43	2.43	2.43	2.43	2.43	2.43

Luminaire

Code 15-9835-Z5-CL
 Name Plafon leds BASIC 14.5W

Measur.

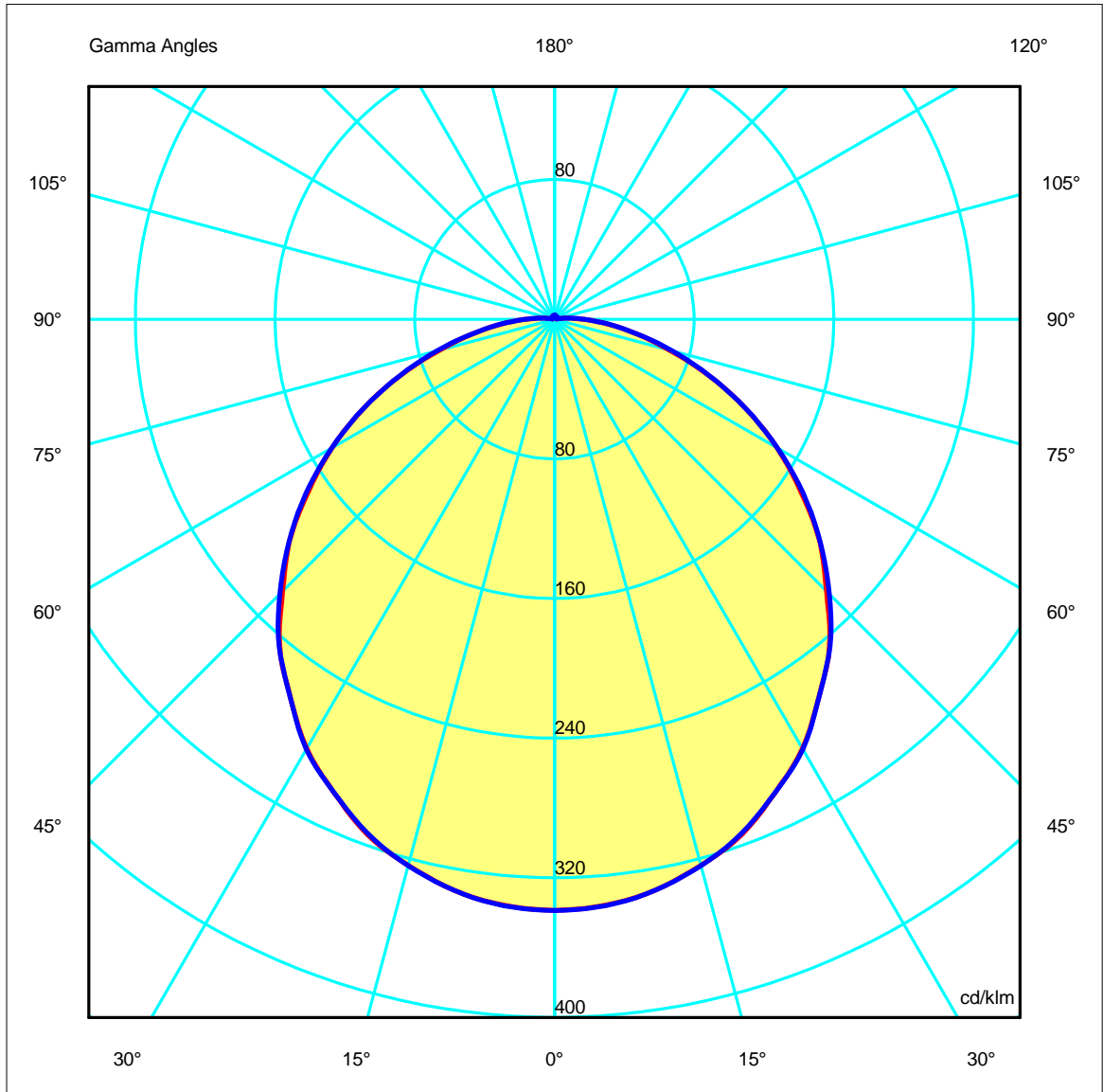
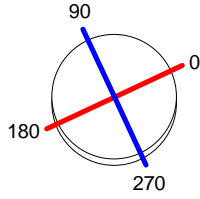
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Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=260mm

C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



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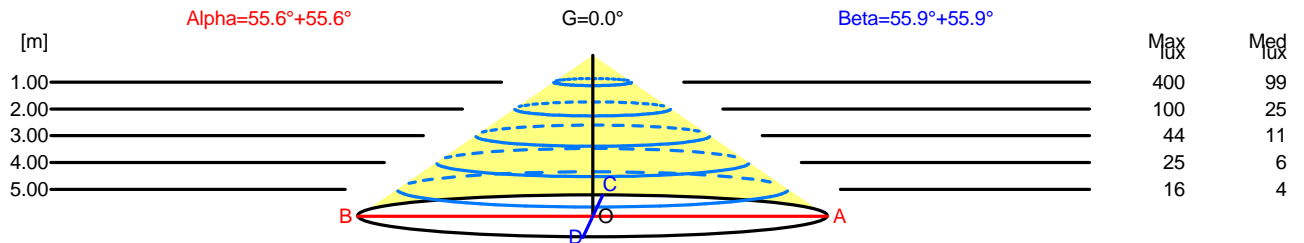
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.46	2.92	4.38	5.83	7.29	OC	1.48	2.95	4.43	5.90	7.38
OB	1.46	2.92	4.38	5.83	7.29	OD	1.48	2.95	4.43	5.90	7.38

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	400.49	398.36	382.94	353.60	312.07	260.46	203.65	142.71	80.57	36.37
OB	400.49	398.36	382.94	353.60	312.07	260.46	203.65	142.71	80.57	36.37
OC	400.49	398.60	383.03	353.55	312.26	263.05	205.57	142.78	82.48	36.18
OD	400.49	398.60	383.03	353.55	312.26	263.05	205.57	142.78	82.48	36.18



H[m]	D[m]	Max lux	Med lux	Alpha=55.6°+55.6°	G=0.0	
1.00	2.92	400	99			
2.00	5.83	100	25			
3.00	8.75	44	11			
4.00	11.67	25	6			
5.00	14.58	16	4			

H[m]	D[m]	Max lux	Med lux	Beta=55.9°+55.9°	G=0.0	
1.00	2.95	400	99			
2.00	5.90	100	25			
3.00	8.85	44	11			
4.00	11.80	25	6			
5.00	14.75	16	4			

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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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	19.5	20.8	19.8	21.1	21.4	19.5	20.8	19.8	21.1	21.4
x=2H y=3H	21.1	22.3	21.4	22.6	22.9	21.1	22.3	21.4	22.6	22.9
x=2H y=4H	21.7	22.8	22.1	23.1	23.5	21.7	22.8	22.1	23.2	23.5
x=2H y=6H	22.2	23.3	22.6	23.6	24.0	22.2	23.3	22.6	23.6	24.0
x=2H y=8H	22.4	23.4	22.8	23.8	24.2	22.4	23.4	22.8	23.8	24.2
x=2H y=12H	22.6	23.6	23.0	23.9	24.3	22.6	23.6	23.0	23.9	24.3
x=4H y=2H	20.2	21.4	20.6	21.7	22.0	20.2	21.4	20.6	21.7	22.0
x=4H y=3H	22.0	22.9	22.4	23.3	23.7	22.0	23.0	22.4	23.3	23.7
x=4H y=4H	22.7	23.6	23.2	24.0	24.4	22.7	23.6	23.2	24.0	24.4
x=4H y=6H	23.4	24.2	23.8	24.6	25.0	23.4	24.2	23.9	24.6	25.0
x=4H y=8H	23.6	24.3	24.1	24.8	25.3	23.7	24.4	24.1	24.8	25.3
x=4H y=12H	23.9	24.5	24.4	25.0	25.5	23.9	24.5	24.4	25.0	25.5
x=8H y=4H	23.1	23.8	23.5	24.2	24.7	23.1	23.8	23.6	24.2	24.7
x=8H y=6H	23.9	24.5	24.4	24.9	25.4	23.9	24.5	24.4	25.0	25.4
x=8H y=8H	24.3	24.8	24.8	25.2	25.8	24.3	24.8	24.8	25.3	25.8
x=8H y=12H	24.6	25.0	25.1	25.5	26.1	24.6	25.0	25.1	25.5	26.1
x=12H y=4H	23.1	23.8	23.6	24.2	24.7	23.1	23.8	23.6	24.2	24.7
x=12H y=6H	24.0	24.5	24.5	25.0	25.5	24.0	24.5	24.5	25.0	25.5
x=12H y=8H	24.4	24.8	24.9	25.3	25.9	24.4	24.8	24.9	25.3	25.9

Luminaire

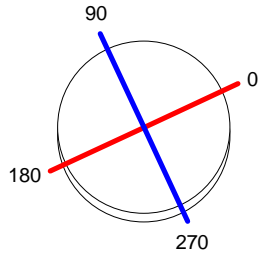
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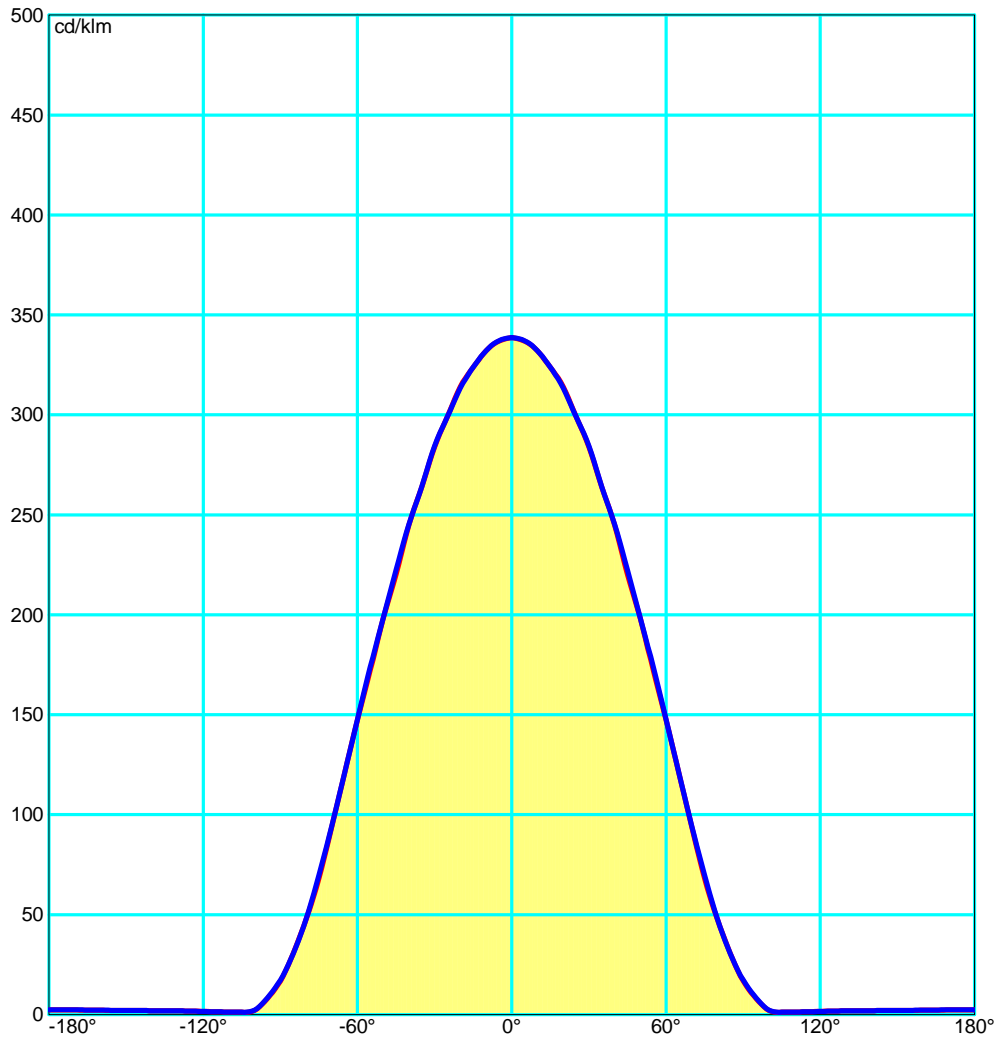
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Diam=260mm



C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



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Luminance



Luminaire

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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	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66
G 5.0	10414.22	10418.60	10418.51	10417.11	10421.15	10421.40	10418.83	10418.25	10419.33	10420.40	10419.33	10418.25	10418.83
G 10.0	10278.79	10286.76	10287.02	10281.61	10280.73	10288.25	10294.41	10285.44	10278.29	10280.67	10278.29	10285.44	10294.41
G 15.0	10115.53	10131.48	10130.78	10120.94	10124.14	10125.33	10124.51	10139.03	10139.74	10117.83	10139.74	10139.03	10124.51
G 20.0	9973.42	9965.93	9958.73	9950.81	9943.30	9949.65	9960.17	9950.95	9944.91	9952.73	9944.91	9950.95	9960.17
G 25.0	9737.99	9760.31	9759.31	9743.63	9742.67	9745.87	9749.77	9777.74	9777.68	9736.66	9777.68	9777.74	9749.77
G 30.0	9558.79	9539.20	9542.88	9557.32	9550.15	9548.33	9551.30	9527.04	9529.74	9575.39	9529.74	9527.04	9551.30
G 35.0	9270.60	9298.77	9296.96	9281.10	9293.74	9304.34	9307.64	9326.16	9319.27	9276.32	9319.27	9326.16	9307.64
G 40.0	9064.54	9035.52	9042.11	9070.45	9072.32	9056.86	9031.04	8998.01	9011.13	9077.26	9011.13	8998.01	9031.04
G 45.0	8684.77	8720.14	8734.88	8737.33	8751.45	8750.85	8740.75	8755.64	8767.13	8771.06	8767.13	8755.64	8740.75
G 50.0	8433.12	8408.77	8420.95	8453.40	8457.86	8464.02	8454.75	8386.44	8371.93	8444.60	8371.93	8386.44	8454.75
G 55.0	8015.40	8032.76	8053.91	8077.48	8090.90	8060.62	8019.18	8039.67	8074.00	8090.99	8074.00	8039.67	8019.18
G 60.0	7630.27	7627.90	7626.48	7628.61	7637.54	7651.88	7652.07	7620.29	7611.23	7641.86	7611.23	7620.29	7652.07
G 65.0	7116.84	7063.27	7075.26	7131.58	7145.20	7110.95	7082.84	7118.41	7141.88	7120.46	7141.88	7118.41	7082.84
G 70.0	6481.95	6494.75	6499.44	6501.47	6512.94	6519.17	6511.45	6497.03	6494.93	6508.39	6494.93	6497.03	6511.45
G 75.0	5718.69	5867.41	5889.80	5823.92	5828.31	5891.80	5931.65	5880.82	5840.22	5854.52	5840.22	5880.82	5931.65
G 80.0	5150.41	5221.68	5219.09	5167.72	5161.16	5177.29	5197.67	5225.71	5219.59	5172.68	5219.59	5225.71	5197.67
G 85.0	4725.00	4727.92	4738.59	4719.95	4642.09	4669.10	4748.52	4667.13	4621.48	4701.08	4621.48	4667.13	4748.52
G 90.0	4521.92	4648.27	4629.98	4526.86	4527.22	4551.43	4578.93	4785.26	4828.90	4617.04	4828.90	4785.26	4578.93

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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	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66
G 5.0	10421.40	10421.15	10417.11	10418.51	10418.60	10414.22	10418.60	10418.51	10417.11	10421.15	10421.40	10418.83	10418.25
G 10.0	10288.25	10280.73	10281.61	10287.02	10286.76	10278.79	10286.76	10287.02	10281.61	10280.73	10288.25	10294.41	10285.44
G 15.0	10125.33	10124.14	10120.94	10130.78	10131.48	10115.53	10131.48	10130.78	10120.94	10124.14	10125.33	10124.51	10139.03
G 20.0	9949.65	9943.30	9950.81	9958.73	9965.93	9973.42	9965.93	9958.73	9950.81	9943.30	9949.65	9960.17	9950.95
G 25.0	9745.87	9742.67	9743.63	9759.31	9760.31	9737.99	9760.31	9759.31	9743.63	9742.67	9745.87	9749.77	9777.74
G 30.0	9548.33	9550.15	9557.32	9542.88	9539.20	9558.79	9539.20	9542.88	9557.32	9550.15	9548.33	9551.30	9527.04
G 35.0	9304.34	9293.74	9281.10	9296.96	9298.77	9270.60	9298.77	9296.96	9281.10	9293.74	9304.34	9307.64	9326.16
G 40.0	9056.86	9072.32	9070.45	9042.11	9035.52	9064.54	9035.52	9042.11	9070.45	9072.32	9056.86	9031.04	8998.01
G 45.0	8750.85	8751.45	8737.33	8734.88	8720.14	8684.77	8720.14	8734.88	8737.33	8751.45	8750.85	8740.75	8755.64
G 50.0	8464.02	8457.86	8453.40	8420.95	8408.77	8433.12	8408.77	8420.95	8453.40	8457.86	8464.02	8454.75	8386.44
G 55.0	8060.62	8090.90	8077.48	8053.91	8032.76	8015.40	8032.76	8053.91	8077.48	8090.90	8060.62	8019.18	8039.67
G 60.0	7651.88	7637.54	7628.61	7626.48	7627.90	7630.27	7627.90	7626.48	7628.61	7637.54	7651.88	7652.07	7620.29
G 65.0	7110.95	7145.20	7131.58	7075.26	7063.27	7116.84	7063.27	7075.26	7131.58	7145.20	7110.95	7082.84	7118.41
G 70.0	6519.17	6512.94	6501.47	6499.44	6494.75	6481.95	6494.75	6499.44	6501.47	6512.94	6519.17	6511.45	6497.03
G 75.0	5891.80	5828.31	5823.92	5889.80	5867.41	5718.69	5867.41	5889.80	5823.92	5828.31	5891.80	5931.65	5880.82
G 80.0	5177.29	5161.16	5167.72	5219.09	5221.68	5150.41	5221.68	5219.09	5167.72	5161.16	5177.29	5197.67	5225.71
G 85.0	4669.10	4642.09	4719.95	4738.59	4727.92	4725.00	4727.92	4738.59	4719.95	4642.09	4669.10	4748.52	4667.13
G 90.0	4551.43	4527.22	4526.86	4629.98	4648.27	4521.92	4648.27	4629.98	4526.86	4527.22	4551.43	4578.93	4785.26

Luminaire

Code 15-9835-Z5-CL
Name Plafon leds BASIC 14.5W

Measur.

Code CL116A17F223G
Name Plafon leds BASIC 14.5W

Luminaire Flux	1182.42 lm	Luminaire Power	14.35 W	Efficacy	82.40 lm/W	Efficiency	100.00%
Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66	10535.66
G 5.0	10419.33	10420.40	10419.33	10418.25	10418.83	10421.40	10421.15	10417.11	10418.51	10418.60
G 10.0	10278.29	10280.67	10278.29	10285.44	10294.41	10288.25	10280.73	10281.61	10287.02	10286.76
G 15.0	10139.74	10117.83	10139.74	10139.03	10124.51	10125.33	10124.14	10120.94	10130.78	10131.48
G 20.0	9944.91	9952.73	9944.91	9950.95	9960.17	9949.65	9943.30	9950.81	9958.73	9965.93
G 25.0	9777.68	9736.66	9777.68	9777.74	9749.77	9745.87	9742.67	9743.63	9759.31	9760.31
G 30.0	9529.74	9575.39	9529.74	9527.04	9551.30	9548.33	9550.15	9557.32	9542.88	9539.20
G 35.0	9319.27	9276.32	9319.27	9326.16	9307.64	9304.34	9293.74	9281.10	9296.96	9298.77
G 40.0	9011.13	9077.26	9011.13	8998.01	9031.04	9056.86	9072.32	9070.45	9042.11	9035.52
G 45.0	8767.13	8771.06	8767.13	8755.64	8740.75	8750.85	8751.45	8737.33	8734.88	8720.14
G 50.0	8371.93	8444.60	8371.93	8386.44	8454.75	8464.02	8457.86	8453.40	8420.95	8408.77
G 55.0	8074.00	8090.99	8074.00	8039.67	8019.18	8060.62	8090.90	8077.48	8053.91	8032.76
G 60.0	7611.23	7641.86	7611.23	7620.29	7652.07	7651.88	7637.54	7628.61	7626.48	7627.90
G 65.0	7141.88	7120.46	7141.88	7118.41	7082.84	7110.95	7145.20	7131.58	7075.26	7063.27
G 70.0	6494.93	6508.39	6494.93	6497.03	6511.45	6519.17	6512.94	6501.47	6499.44	6494.75
G 75.0	5840.22	5854.52	5840.22	5880.82	5931.65	5891.80	5828.31	5823.92	5889.80	5867.41
G 80.0	5219.59	5172.68	5219.59	5225.71	5197.67	5177.29	5161.16	5167.72	5219.09	5221.68
G 85.0	4621.48	4701.08	4621.48	4667.13	4748.52	4669.10	4642.09	4719.95	4738.59	4727.92
G 90.0	4828.90	4617.04	4828.90	4785.26	4578.93	4551.43	4527.22	4526.86	4629.98	4648.27

Luminaire

Code 15-9835-Z5-CL
 Name Plafon leds BASIC 14.5W

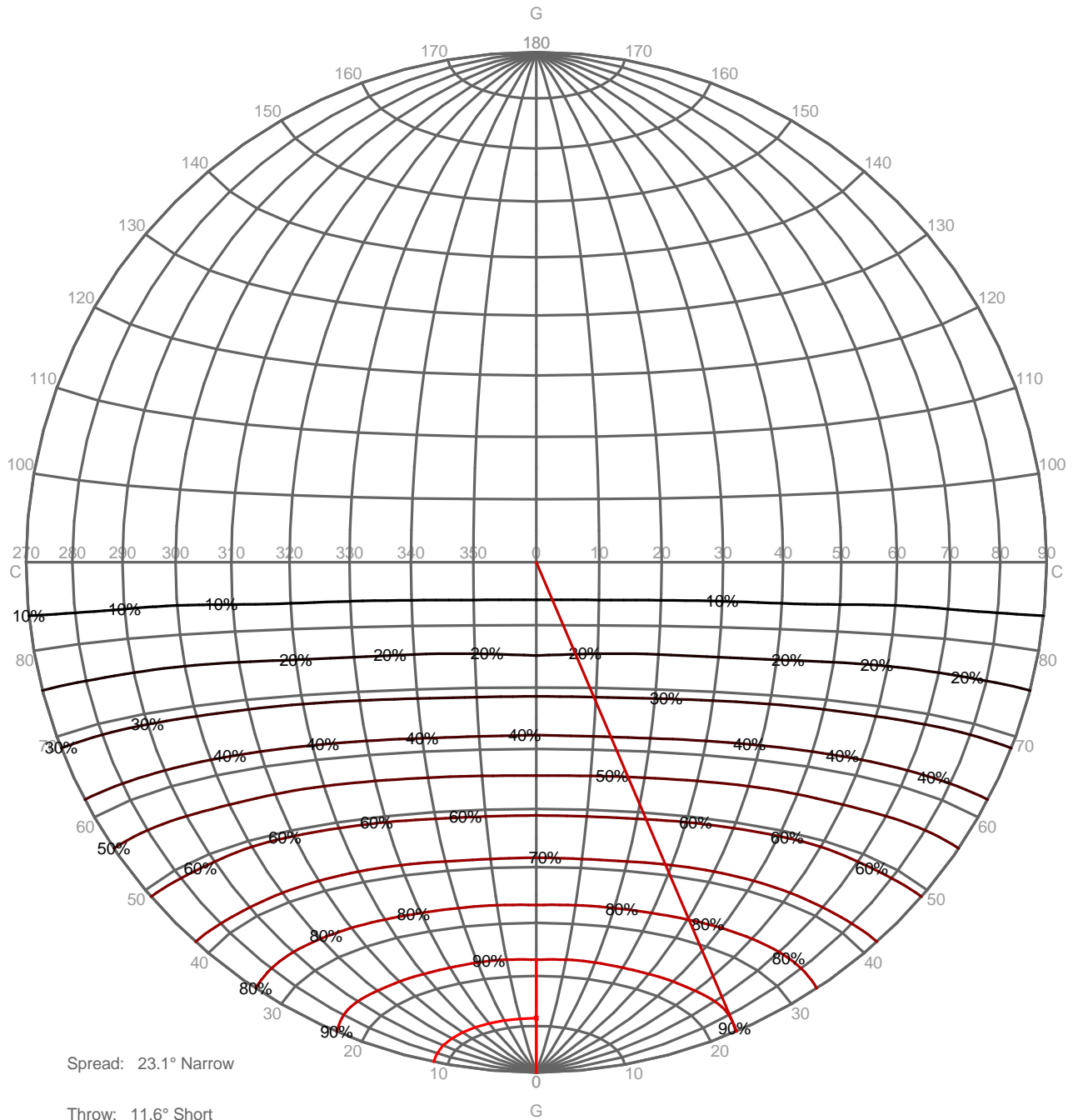
Measur.

Code CL116A17F223G
 Name Plafon leds BASIC 14.5W

Luminaire Flux	1182.42 lm	Luminaire Power	14.35 W	Efficacy	82.40 lm/W	Efficiency	100.00%
Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 6.4 Tight Tilting Angle:0°

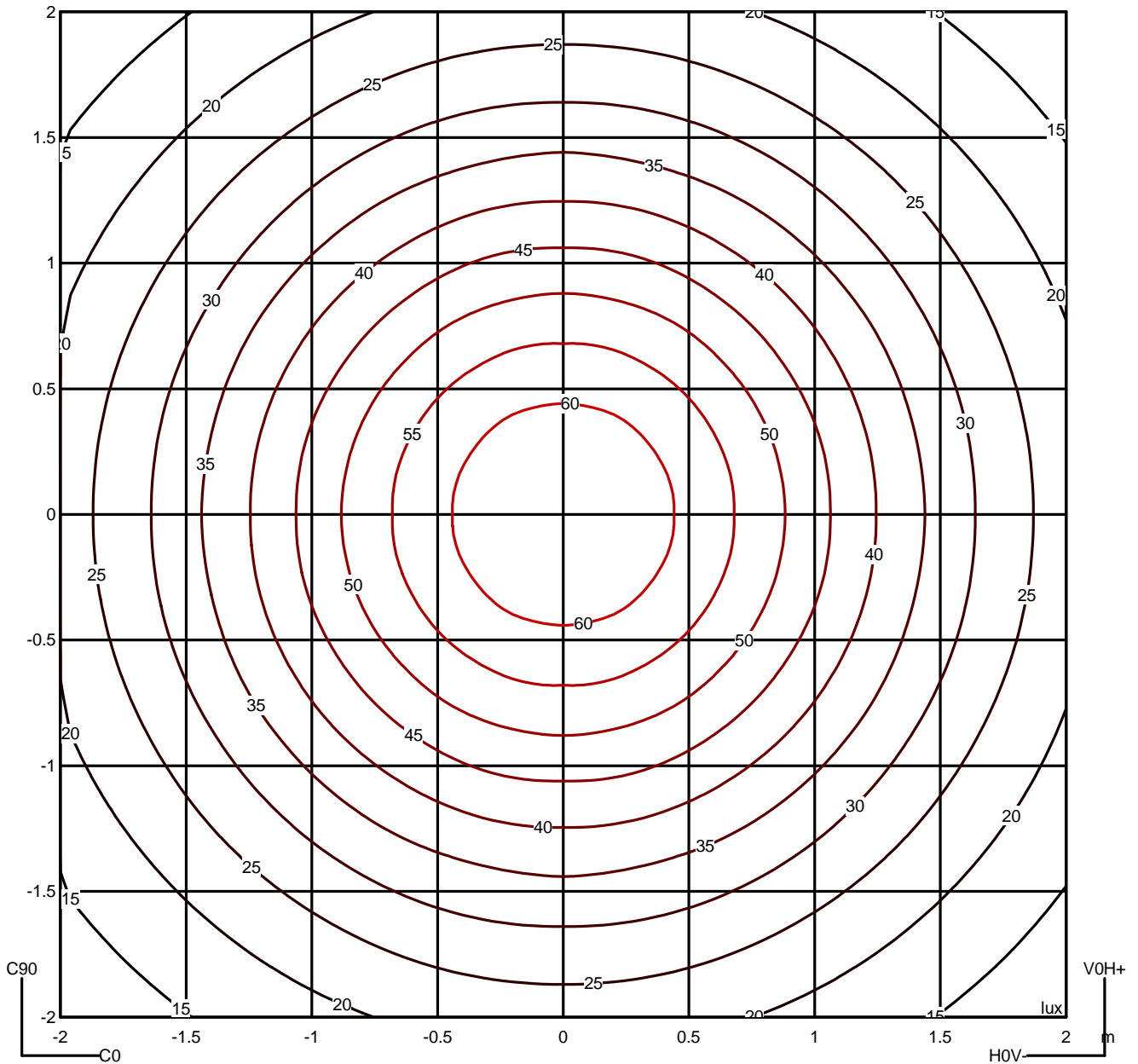


Luminaire
 Code 15-9835-Z5-CL
 Name Plafon leds BASIC 14.5W
Measurment.
 Code CL116A17F223G
 Name Plafon leds BASIC 14.5W

Luminaire Flux	1182.42 lm	Luminaire Power	14.35 W	Efficacy	82.40 lm/W	Efficiency	100.00%
Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



Luminaire

Code 15-9835-Z5-CL
 Name Plafon leds BASIC 14.5W

Measurment.

Code CL116A17F223G
 Name Plafon leds BASIC 14.5W

Luminaire Flux	1182.42 lm	Luminaire Power	14.35 W	Efficacy	82.40 lm/W	Efficiency	100.00%
Lamps Flux	1182.42 lm	Maximum value	338.71 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Average Luminance [cd/m ²]										
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	8685	8433	8015	7630	7117	6482	5719	5150	4725	---
90.0°	8771	8445	8091	7642	7120	6508	5855	5173	4701	---

Flush mounted or longitudinal view												
		Illumination(Ix)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55

