

HALL Table lamp

Designer: Nahtrang Design

10-1940-05H13WU v0



Finish

Black
Black
Tinted
NA

Material

Steel
Textile
Methacrylate

IP20   1

TECHNICAL CHARACTERISTICS

Light source

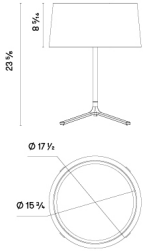
Lampholder: 3 x E26
Output (W): MAX 18W
Total power consumption (W): 54
Lamp maximum dimension: 140/52 mm
Real Lumen: 2669
Quantity: 3
Lm/Real W: 49
UGR: 13.3

Luminaire

Warranty: 5 Years

Logistics

Energy Efficiency: NO BULB
EAN Code: 8435381437183
Net Weight (Lb): 9.78
Weight in Kg (packaged): 6.490
Packing: 475 x 475 x 250
Masterbox: 1



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

Luminaire

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

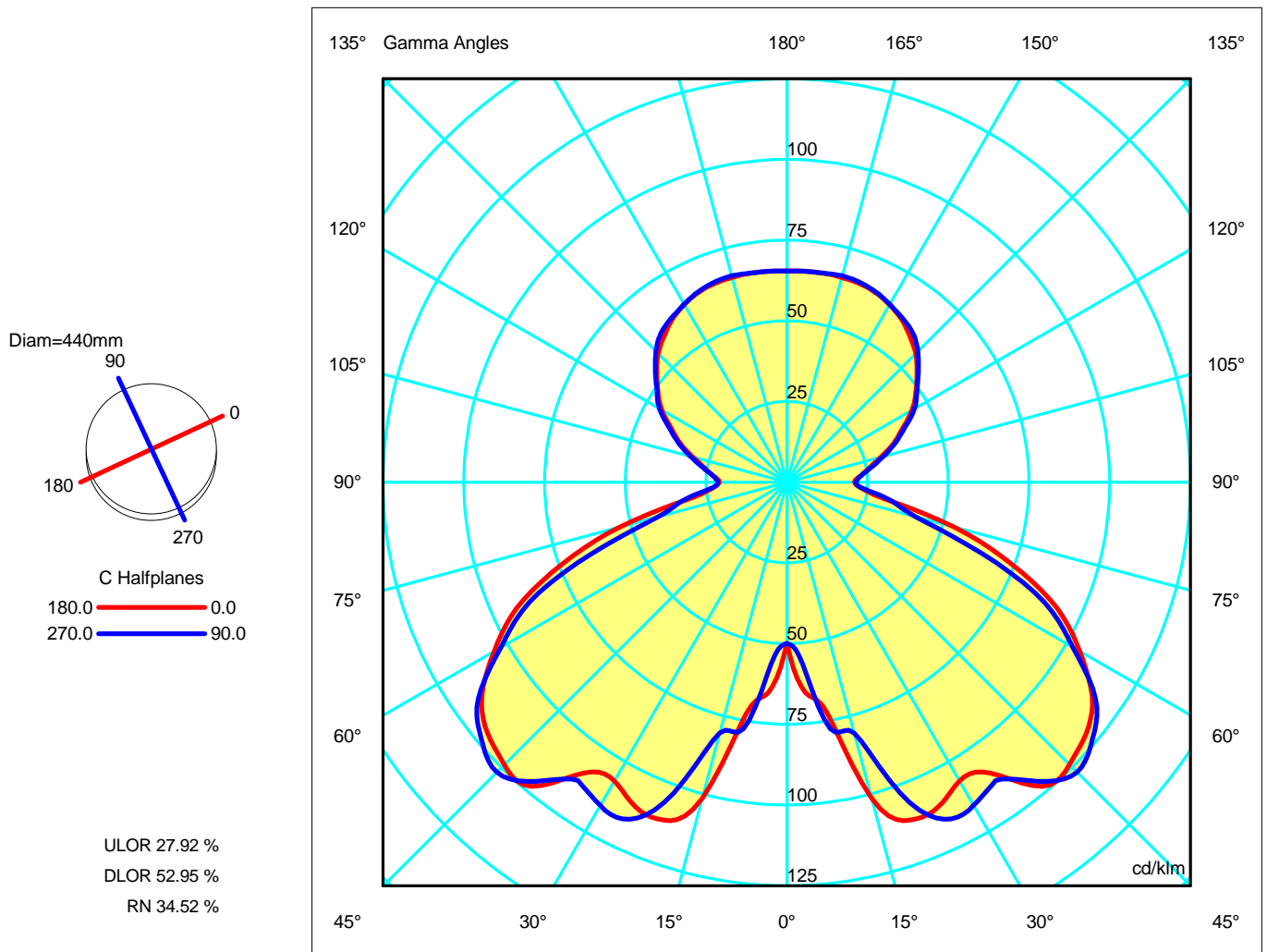
Measur.

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	440 mm 440 mm	Height Height	230 mm 230 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.152053 m2 0.101200 m2 0.101200 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.101200 m2 0.101200 m2 0.134979 m2	
Coordinate system Date Measurement Distance		CG 17-10-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 3300.00 lm	
Operator Temperature Humidity Notes		LEDS 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	GENIE ESAVER 18W/827	GENIE ESAVER 18W/827	1100.00	18.00	3
C.I.E. F UTE	33 68 91 65 81 0.53 I + 0.28 T	D DIN 5040 B NBN	B21 BZ 6		



Luminaire

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Measuram.

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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	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96
G 5.0	65.37	65.79	55.40	53.82	57.06	53.21	56.59	53.21	57.06	53.82	55.40	65.79
G 10.0	72.93	70.61	77.24	71.18	64.96	71.69	77.48	71.69	64.96	71.18	77.24	70.61
G 15.0	101.32	81.44	72.93	93.46	95.87	100.63	80.44	100.63	95.87	93.46	72.93	81.44
G 20.0	111.40	103.59	100.70	103.46	104.64	109.25	102.35	109.25	104.64	103.46	100.70	103.59
G 25.0	110.96	119.57	120.12	107.10	118.30	118.14	115.16	118.14	118.30	107.10	120.12	119.57
G 30.0	106.86	127.36	130.73	113.10	123.55	127.02	115.56	127.02	123.55	113.10	130.73	127.36
G 35.0	109.92	131.94	136.97	125.88	125.30	131.27	112.79	131.27	125.30	125.88	136.97	131.94
G 40.0	122.98	131.63	132.82	130.19	124.90	130.54	120.90	130.54	124.90	130.19	132.82	131.63
G 45.0	123.71	128.28	125.62	128.15	121.45	126.53	127.03	126.53	121.45	128.15	125.62	128.28
G 50.0	120.96	121.45	120.99	124.78	114.77	120.87	123.56	120.87	114.77	124.78	120.99	121.45
G 55.0	115.36	114.17	112.76	115.70	106.93	111.83	116.69	111.83	106.93	115.70	112.76	114.17
G 60.0	104.68	103.70	100.79	104.29	100.43	97.75	102.32	97.75	100.43	104.29	100.79	103.70
G 65.0	92.36	86.24	87.80	90.12	85.55	82.59	88.05	82.59	85.55	90.12	87.80	86.24
G 70.0	74.09	70.65	68.30	73.87	72.49	67.70	63.99	67.70	72.49	73.87	68.30	70.65
G 75.0	53.71	53.45	47.91	53.06	55.16	49.48	41.36	49.48	55.16	53.06	47.91	53.45
G 80.0	31.95	33.81	31.97	32.90	34.95	33.68	32.93	33.68	34.95	32.90	31.97	33.81
G 85.0	23.65	24.12	23.33	23.85	24.52	24.02	24.13	24.02	24.52	23.85	23.33	24.12
G 90.0	20.93	20.41	21.16	20.51	21.12	20.58	21.45	20.58	21.12	20.51	21.16	20.41
G 95.0	22.82	22.54	23.07	22.67	22.95	22.89	23.00	22.89	22.95	22.67	23.07	22.54
G100.0	25.96	25.97	26.34	26.12	26.49	26.35	26.43	26.35	26.49	26.12	26.34	25.97
G105.0	30.02	30.34	30.95	30.50	30.75	30.83	30.88	30.83	30.75	30.50	30.95	30.34
G110.0	35.12	34.56	35.51	35.01	35.11	35.66	35.72	35.66	35.11	35.01	35.51	34.56
G115.0	39.48	40.02	40.18	39.88	40.60	40.64	40.34	40.64	40.60	39.88	40.18	40.02
G120.0	44.72	44.24	45.15	44.50	44.67	45.22	45.59	45.22	44.67	44.50	45.15	44.24
G125.0	48.76	48.71	49.12	49.05	50.02	49.16	49.14	49.16	50.02	49.05	49.12	48.71
G130.0	52.62	52.94	53.62	53.41	53.95	53.81	53.14	53.81	53.95	53.41	53.62	52.94
G135.0	56.39	56.12	57.08	56.97	56.30	57.16	57.35	57.16	56.30	56.97	57.08	56.12
G140.0	59.18	59.54	60.01	60.29	59.68	59.94	60.58	59.94	59.68	60.29	60.01	59.54
G145.0	61.77	61.81	62.30	62.06	61.94	62.26	62.21	62.26	61.94	62.06	62.30	61.81
G150.0	63.58	63.60	63.61	63.60	63.84	63.80	63.71	63.80	63.84	63.60	63.61	63.60
G155.0	64.91	64.78	64.88	64.80	65.14	65.08	65.10	65.08	65.14	64.80	64.88	64.78
G160.0	65.54	65.53	65.67	65.63	65.83	65.94	65.95	65.94	65.83	65.63	65.67	65.53
G165.0	65.69	65.81	65.99	65.97	66.09	66.06	66.23	66.06	66.09	65.97	65.99	65.81
G170.0	65.79	65.86	65.77	65.87	65.97	65.86	65.81	65.86	65.97	65.87	65.77	65.86
G175.0	65.60	65.60	65.54	65.61	65.62	65.65	65.63	65.65	65.62	65.61	65.54	65.60
G180.0	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48

	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	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96	49.96
G 5.0	65.37	65.79	55.40	53.82	57.06	53.21	56.59	53.21	57.06	53.82	55.40	65.79
G 10.0	72.93	70.61	77.24	71.18	64.96	71.69	77.48	71.69	64.96	71.18	77.24	70.61
G 15.0	101.32	81.44	72.93	93.46	95.87	100.63	80.44	100.63	95.87	93.46	72.93	81.44
G 20.0	111.40	103.59	100.70	103.46	104.64	109.25	102.35	109.25	104.64	103.46	100.70	103.59
G 25.0	110.96	119.57	120.12	107.10	118.30	118.14	115.16	118.14	118.30	107.10	120.12	119.57
G 30.0	106.86	127.36	130.73	113.10	123.55	127.02	115.56	127.02	123.55	113.10	130.73	127.36
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G 55.0	115.36	114.17	112.76	115.70	106.93	111.83	116.69	111.83	106.93	115.70	112.76	114.17
G 60.0	104.68	103.70	100.79	104.29	100.43	97.75	102.32	97.75	100.43	104.29	100.79	103.70
G 65.0	92.36	86.24	87.80	90.12	85.55	82.59	88.05	82.59	85.55	90.12	87.80	86.24
G 70.0	74.09	70.65	68.30	73.87	72.49	67.70	63.99	67.70	72.49	73.87	68.30	70.65
G 75.0	53.71	53.45	47.91	53.06	55.16	49.48	41.36	49.48	55.16	53.06	47.91	53.45
G 80.0	31.95	33.81	31.97	32.90	34.95	33.68	32.93	33.68	34.95	32.90	31.97	33.81
G 85.0	23.65	24.12	23.33	23.85	24.52	24.02	24.13	24.02	24.52	23.85	23.33	24.12
G 90.0	20.93	20.41	21.16	20.51	21.12	20.58	21.45	20.58	21.12	20.51	21.16	20.41
G 95.0	22.82	22.54	23.07	22.67	22.95	22.89	23.00	22.89	22.95	22.67	23.07	22.54
G100.0	25.96	25.97	26.34	26.12	26.49	26.35	26.43	26.35	26.49	26.12	26.34	25.97
G105.0	30.02	30.34	30.95	30.50	30.75	30.83	30.88	30.83	30.75	30.50	30.95	30.34
G110.0	35.12	34.56	35.51	35.01	35.11	35.66	35.72	35.66	35.11	35.01	35.51	34.56
G115.0	39.48	40.02	40.18	39.88	40.60	40.64	40.34	40.64	40.60	39.88	40.18	40.02
G120.0	44.72	44.24	45.15	44.50	44.67	45.22	45.59	45.22	44.67	44.50	45.15	44.24
G125.0	48.76	48.71	49.12	49.05	50.02	49.16	49.14	49.16	50.02	49.05	49.12	48.71
G130.0	52.62	52.94	53.62	53.41	53.95	53.81	53.14	53.81	53.95	53.41	53.62	52.94
G135.0	56.39	56.12	57.08	56.97	56.30	57.16	57.35	57.16	56.30	56.97	57.08	56.12
G140.0	59.18	59.54	60.01	60.29	59.68	59.94	60.58	59.94	59.68	60.29	60.01	59.54
G145.0	61.77	61.81	62.30	62.06	61.94	62.26	62.21	62.26	61.94	62.06	62.30	61.81
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G165.0	65.69	65.81	65.99	65.97	66.09	66.06	66.23	66.06	66.09	65.97	65.99	65.81
G170.0	65.79	65.86	65.77	65.87	65.97	65.86	65.81	65.86	65.97	65.87	65.77	65.86
G175.0	65.60	65.60	65.54	65.61	65.62	65.65	65.63	65.65	65.62	65.61	65.54	65.60
G180.0	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48	65.48

Luminaire

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Measur.

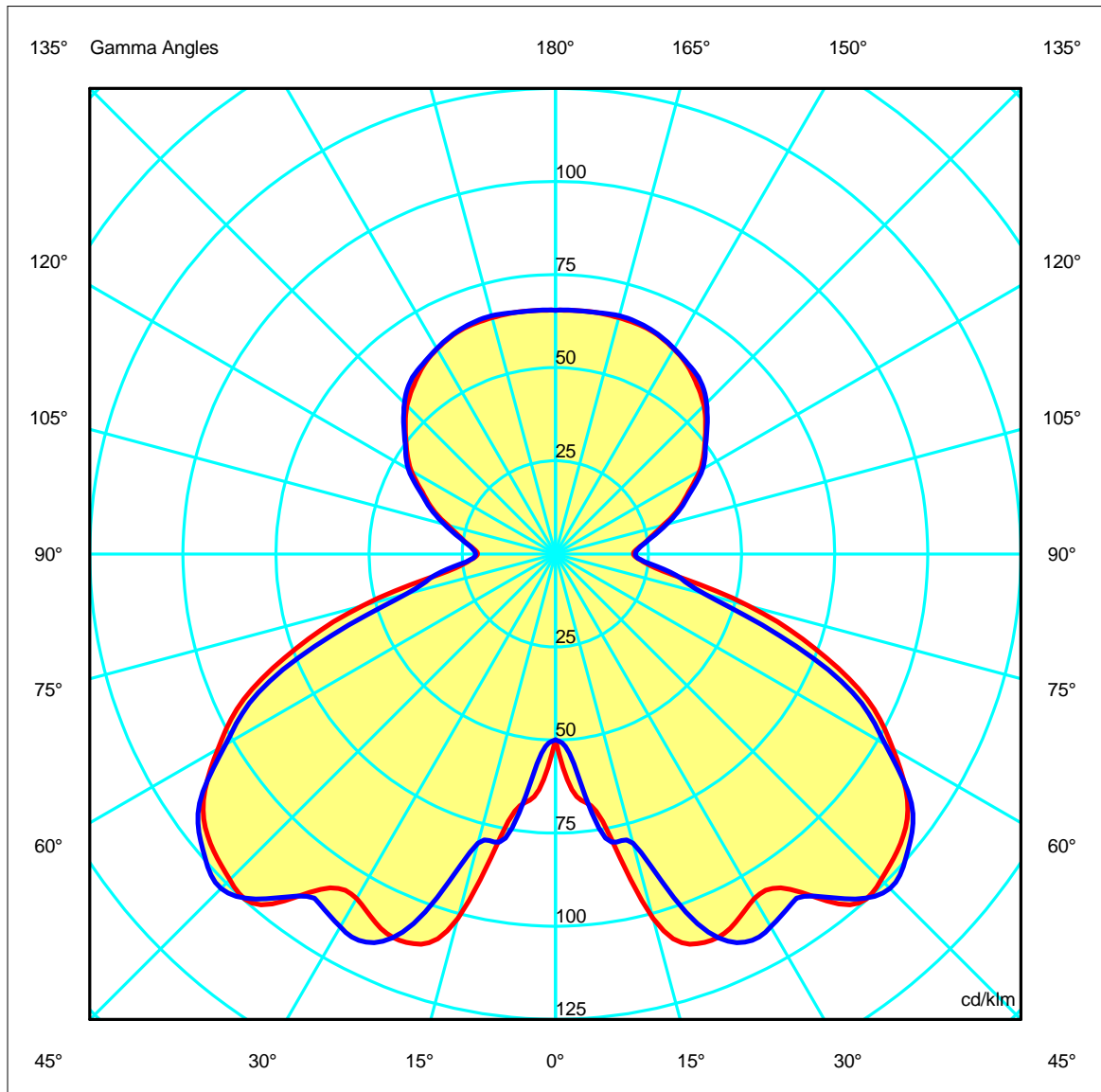
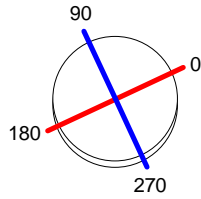
Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical

Diam=440mm

C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire

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Measur.

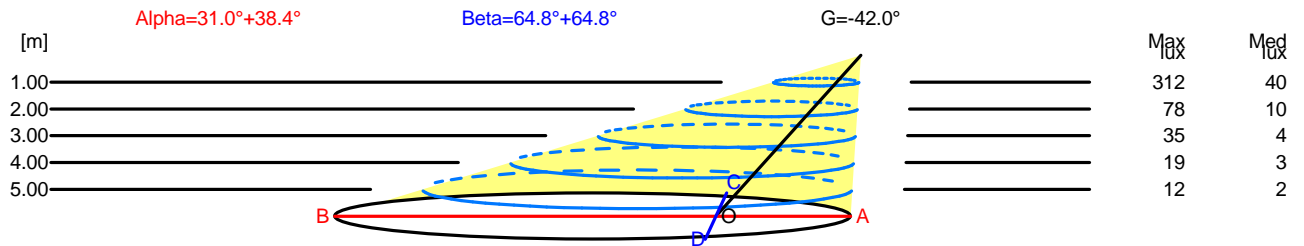
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Width at 50.00 % of Max Intensity

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	0.84	1.67	2.51	3.35	4.19	OC	2.86	5.73	8.59	11.46	14.32
OB	2.37	4.74	7.10	9.47	11.84	OD	2.86	5.73	8.59	11.46	14.32

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	164.86	215.72	334.35	366.16	362.72	408.25	380.67	304.77	177.25	78.03
OB	164.86	215.72	334.35	366.16	362.72	408.25	380.67	304.77	177.25	78.03
OC	164.86	186.76	265.46	380.02	372.19	419.20	385.08	290.56	136.48	79.62
OD	164.86	186.76	265.46	380.02	372.19	419.20	385.08	290.56	136.48	79.62



H[m]	D[m]	Max lux	Med lux	Alpha=31.0°+38.4°	G=-42.0	
1.00	3.21	312	40			
2.00	6.41	78	10			
3.00	9.62	35	4			
4.00	12.82	19	3			
5.00	16.03	12	2			

H[m]	D[m]	Max lux	Med lux	Beta=64.8°+64.8°	G=0.0	
1.00	5.73	312	40			
2.00	11.46	78	10			
3.00	17.19	35	4			
4.00	22.92	19	3			
5.00	28.65	12	2			

Luminaire

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Measurment.

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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	13.5	14.6	14.3	15.3	16.2	13.3	14.4	14.1	15.1	16.0
x=2H y=3H	15.1	16.0	15.9	16.8	17.7	14.8	15.8	15.6	16.5	17.5
x=2H y=4H	15.7	16.6	16.5	17.3	18.3	15.3	16.1	16.0	16.9	17.9
x=2H y=6H	16.0	16.8	16.8	17.6	18.6	15.5	16.4	16.3	17.1	18.1
x=2H y=8H	16.1	16.8	16.9	17.6	18.6	15.7	16.4	16.5	17.2	18.2
x=2H y=12H	16.2	16.9	17.0	17.7	18.7	15.8	16.5	16.6	17.3	18.3
x=4H y=2H	14.2	15.1	15.0	15.9	16.8	14.1	15.0	14.9	15.7	16.7
x=4H y=3H	15.9	16.6	16.7	17.4	18.4	15.7	16.5	16.5	17.3	18.3
x=4H y=4H	16.5	17.2	17.4	18.0	19.0	16.3	17.0	17.1	17.8	18.8
x=4H y=6H	16.9	17.5	17.8	18.3	19.4	16.7	17.3	17.5	18.1	19.2
x=4H y=8H	17.1	17.6	17.9	18.5	19.5	16.9	17.4	17.7	18.2	19.3
x=4H y=12H	17.2	17.6	18.0	18.5	19.6	17.0	17.5	17.9	18.4	19.4
x=8H y=4H	16.7	17.3	17.6	18.1	19.2	16.5	17.1	17.4	17.9	19.0
x=8H y=6H	17.2	17.7	18.1	18.6	19.7	17.1	17.5	18.0	18.4	19.5
x=8H y=8H	17.4	17.8	18.3	18.7	19.8	17.3	17.7	18.2	18.6	19.7
x=8H y=12H	17.6	18.0	18.6	18.9	20.0	17.5	17.9	18.4	18.8	19.9
x=12H y=4H	16.7	17.2	17.6	18.1	19.2	16.5	17.0	17.4	17.9	19.0
x=12H y=6H	17.3	17.7	18.2	18.5	19.7	17.1	17.5	18.0	18.4	19.5
x=12H y=8H	17.5	17.8	18.4	18.7	19.9	17.4	17.7	18.3	18.6	19.7

Luminaire

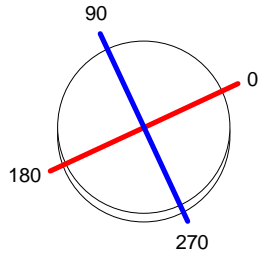
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Measurement

Code 10-1940-05H13WU
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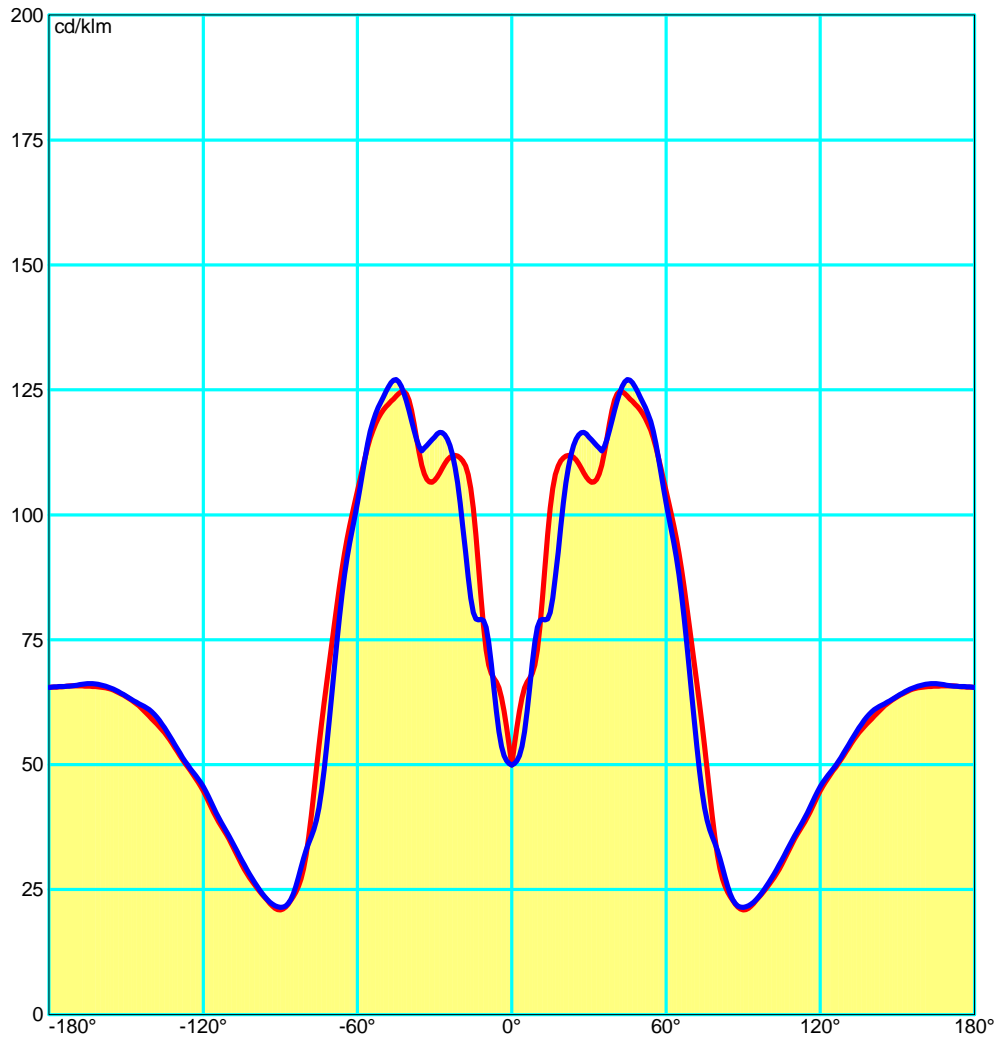
Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical

Diam=440mm



C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



Luminaire

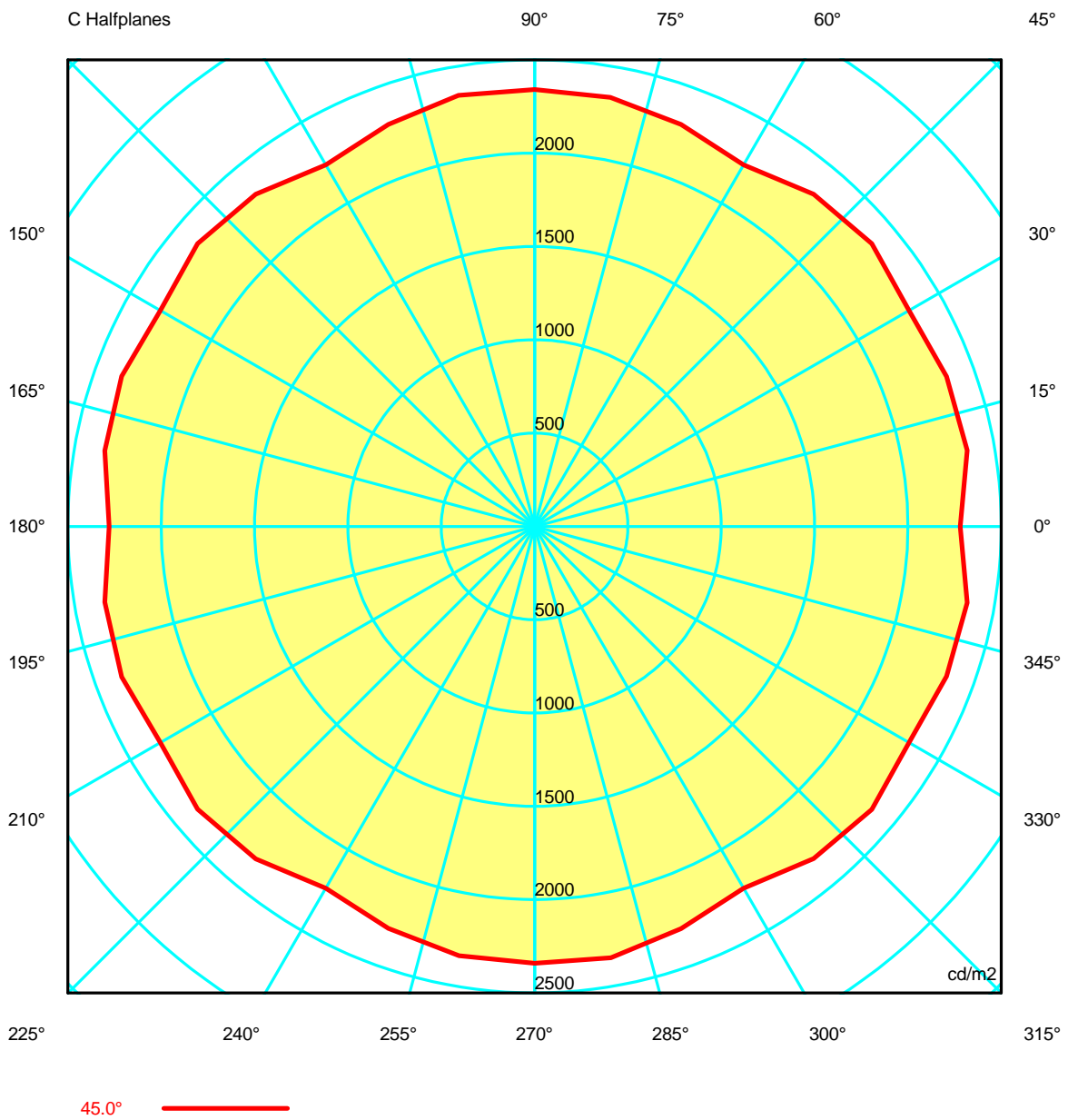
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 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical

Luminance



Luminaire

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Measurment.

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	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	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22
G 5.0	1345.78	1377.37	1292.26	1140.53	1092.62	1138.62	1174.75	1113.88	1113.43	1165.10	1113.45	1113.84	1174.75
G 10.0	1438.50	1384.29	1436.09	1523.45	1466.22	1342.70	1281.18	1353.21	1470.60	1528.10	1470.57	1353.28	1281.18
G 15.0	1931.93	1675.32	1443.05	1390.63	1657.76	1824.16	1828.14	1939.16	1782.61	1533.89	1782.50	1888.58	1828.14
G 20.0	2071.11	1968.48	1893.61	1872.17	1907.55	1927.00	1945.40	2023.30	1989.98	1902.94	1989.94	2023.40	1945.40
G 25.0	2027.72	2137.13	2222.11	2195.12	2007.14	1994.25	2161.85	2159.89	2131.82	2104.47	2131.86	2185.72	2161.85
G 30.0	1934.64	2199.02	2380.51	2366.72	2127.88	2062.36	2236.80	2328.05	2220.16	2092.13	2220.28	2327.80	2236.80
G 35.0	1986.44	2273.64	2457.41	2475.35	2344.58	2234.05	2264.48	2336.41	2254.33	2038.29	2254.46	2336.41	2264.48
G 40.0	2235.56	2353.05	2412.77	2414.55	2395.55	2320.49	2270.47	2360.28	2317.76	2197.90	2317.81	2360.16	2270.47
G 45.0	2279.76	2353.32	2348.68	2314.82	2358.33	2323.78	2238.10	2292.66	2334.76	2340.90	2346.65	2292.59	2238.10
G 50.0	2277.53	2290.07	2283.90	2278.12	2325.71	2292.38	2161.00	2220.14	2309.93	2326.54	2309.93	2220.12	2161.00
G 55.0	2237.77	2227.21	2196.43	2187.44	2225.45	2194.30	2074.30	2115.15	2217.70	2263.85	2217.70	2115.16	2074.30
G 60.0	2110.64	2097.50	2064.61	2032.14	2083.13	2094.13	2024.86	1967.53	2003.41	2063.02	2003.41	1967.52	2024.86
G 65.0	1953.95	1852.97	1819.82	1857.57	1903.17	1888.02	1810.00	1743.00	1788.00	1862.82	1787.96	1743.10	1810.00
G 70.0	1662.06	1613.87	1552.92	1532.28	1617.34	1667.88	1626.29	1557.48	1479.56	1435.61	1479.54	1557.52	1626.29
G 75.0	1292.83	1288.61	1236.34	1153.13	1222.31	1314.69	1327.69	1258.76	1104.87	995.43	1104.88	1258.73	1327.69
G 80.0	836.27	879.84	873.08	836.95	843.15	883.80	914.98	897.37	870.33	861.93	870.35	897.32	914.98
G 85.0	684.09	697.72	691.02	674.95	681.04	699.32	709.31	699.77	695.95	697.97	695.95	699.75	709.31
G 90.0	682.54	665.43	673.93	689.91	674.23	673.84	688.77	674.35	679.56	699.52	679.55	674.37	688.77

Luminaire

Code 10-1940-05H13WU
Name Sobremesa HALL 3x18W E27 P196

Measurerm.

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Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	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	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22
G 5.0	1138.88	1091.98	1140.53	1295.79	1351.54	1345.78	1351.54	1295.79	1140.53	1091.98	1138.88	1174.75	1113.84
G 10.0	1342.35	1467.12	1523.45	1431.15	1396.78	1438.50	1396.78	1431.15	1523.45	1467.12	1342.35	1281.18	1353.28
G 15.0	1822.90	1660.94	1390.63	1425.52	1719.64	1931.93	1719.64	1425.52	1390.63	1660.94	1822.90	1828.14	1939.40
G 20.0	1926.47	1908.86	1872.17	1886.37	1986.78	2071.11	1986.78	1886.37	1872.17	1908.86	1926.47	1945.40	2023.40
G 25.0	1994.79	2005.75	2195.12	2229.74	2117.84	2027.72	2117.84	2229.74	2195.12	2005.75	1994.79	2161.85	2159.89
G 30.0	2063.71	2124.47	2366.72	2399.28	2151.58	1934.64	2151.58	2399.28	2366.72	2124.47	2063.71	2236.80	2327.80
G 35.0	2235.53	2340.85	2475.35	2477.99	2221.64	1986.44	2221.64	2477.99	2475.35	2340.85	2235.53	2264.48	2336.41
G 40.0	2321.11	2393.99	2414.55	2421.38	2331.28	2235.56	2331.28	2421.38	2414.55	2393.99	2321.11	2270.47	2360.16
G 45.0	2324.20	2357.26	2314.82	2354.58	2338.39	2279.76	2338.39	2354.58	2314.82	2357.26	2324.20	2238.10	2292.59
G 50.0	2292.46	2325.71	2278.12	2283.90	2287.06	2277.53	2287.06	2283.90	2278.12	2325.71	2292.46	2161.00	2220.12
G 55.0	2194.26	2225.45	2187.44	2195.98	2228.36	2237.77	2228.36	2195.98	2187.44	2225.45	2194.26	2074.30	2115.16
G 60.0	2094.14	2083.11	2032.14	2064.73	2105.51	2110.64	2105.51	2064.73	2032.14	2083.11	2094.14	2024.86	1967.52
G 65.0	1887.48	1904.55	1857.57	1812.20	1872.21	1953.95	1872.21	1812.20	1857.57	1904.55	1887.48	1810.00	1743.10
G 70.0	1667.66	1617.90	1532.28	1549.84	1621.65	1662.06	1621.65	1549.84	1532.28	1617.90	1667.66	1626.29	1557.52
G 75.0	1314.84	1221.93	1153.13	1238.45	1288.61	1292.83	1302.97	1238.45	1153.13	1221.93	1314.84	1327.69	1258.73
G 80.0	884.05	842.50	836.95	876.63	870.88	836.27	870.88	876.63	836.95	842.50	884.05	914.98	897.32
G 85.0	699.41	680.83	674.95	692.18	694.78	684.09	694.78	692.18	674.95	680.83	699.41	709.31	699.75
G 90.0	673.74	674.49	689.91	672.46	669.13	682.54	669.13	672.46	689.91	674.49	673.74	688.77	674.37

Luminaire

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

Measur.

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 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	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	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22	1084.22
G 5.0	1113.45	1165.10	1113.43	1113.88	1174.75	1138.62	1092.62	1140.53	1292.26	1377.37
G 10.0	1470.57	1528.10	1470.60	1353.21	1281.18	1342.70	1466.22	1523.45	1436.09	1384.29
G 15.0	1782.50	1533.89	1782.61	1888.58	1828.14	1824.16	1657.76	1390.63	1443.05	1675.32
G 20.0	1989.94	1902.94	1989.98	2023.30	1945.40	1927.00	1907.55	1872.17	1893.61	1968.48
G 25.0	2131.86	2104.47	2131.82	2185.82	2161.85	1994.25	2007.14	2195.12	2222.11	2137.13
G 30.0	2220.28	2092.13	2220.16	2328.05	2236.80	2062.36	2127.88	2366.72	2380.51	2199.02
G 35.0	2254.46	2038.29	2254.33	2336.41	2264.48	2234.05	2344.58	2475.35	2457.41	2273.64
G 40.0	2317.81	2197.90	2317.76	2360.28	2270.47	2320.49	2395.55	2414.55	2412.77	2353.05
G 45.0	2334.76	2340.90	2346.61	2292.66	2238.10	2323.78	2358.33	2314.82	2348.68	2353.32
G 50.0	2309.93	2326.54	2309.93	2220.14	2161.00	2292.38	2325.71	2278.12	2283.90	2290.07
G 55.0	2217.70	2263.65	2217.70	2115.15	2074.30	2194.30	2225.45	2187.44	2196.43	2227.21
G 60.0	2003.41	2063.02	2003.41	1967.53	2024.86	2094.13	2083.13	2032.14	2064.61	2097.50
G 65.0	1787.96	1862.82	1788.00	1743.00	1810.00	1888.02	1903.17	1857.57	1819.82	1852.97
G 70.0	1479.54	1435.61	1479.56	1557.48	1626.29	1667.88	1617.34	1532.28	1552.92	1613.87
G 75.0	1104.88	995.43	1104.87	1258.76	1327.69	1314.69	1222.31	1153.13	1236.34	1288.61
G 80.0	870.35	861.93	870.33	897.37	914.98	883.80	843.15	836.95	873.08	879.84
G 85.0	695.95	697.97	695.95	699.77	709.31	699.32	681.04	674.95	691.02	697.72
G 90.0	679.55	699.52	679.56	674.35	688.77	673.84	674.23	689.91	673.93	665.43

Luminaire

Code 10-1940-05H13WU
 Name Sobremesa HALL 3x18W E27 P196

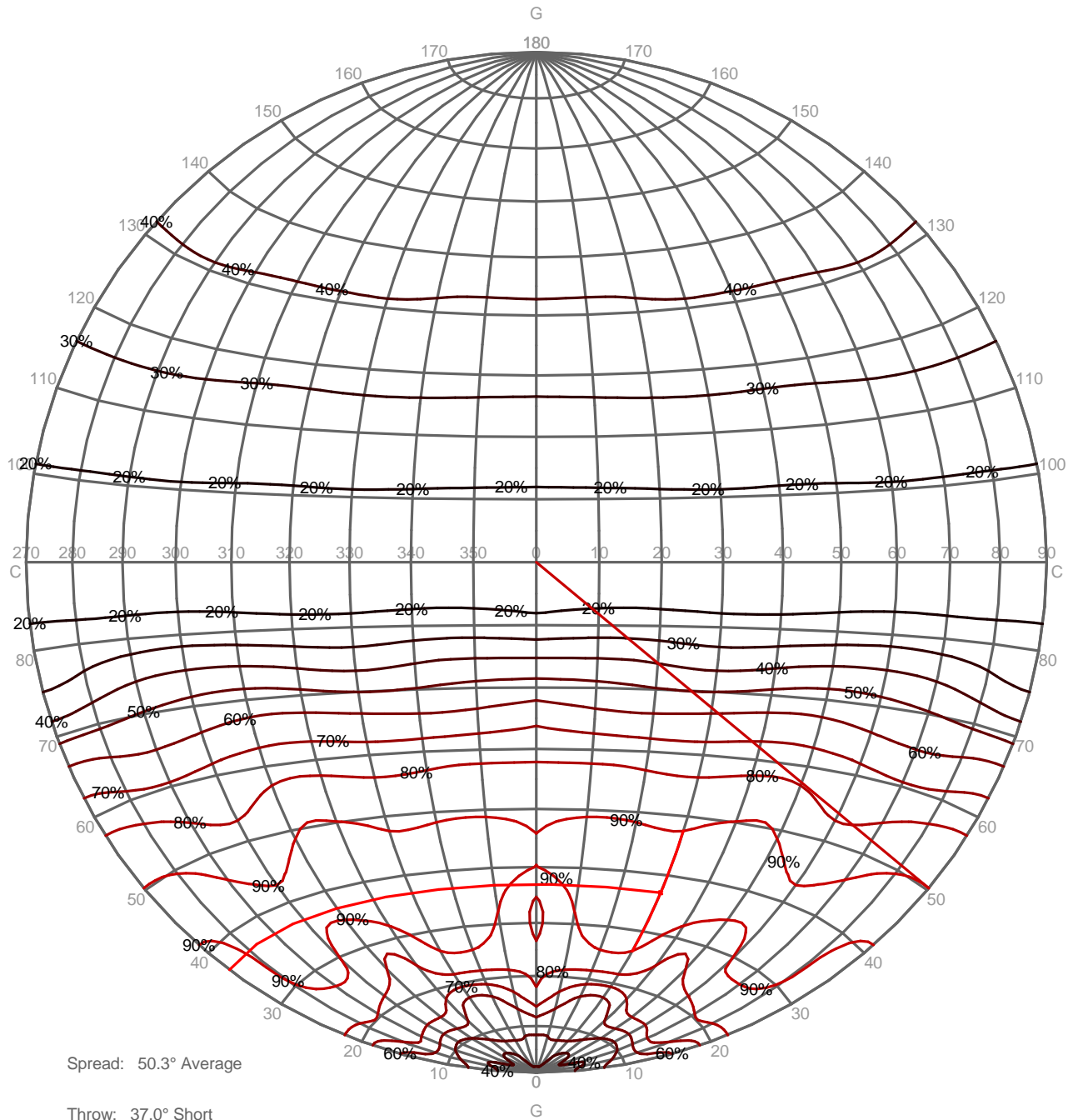
Measur.

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 Name Sobremesa HALL 3x18W E27 P196

Luminaire Flux	2668.59 lm	Luminaire Power	54.00 W	Efficacy	49.42 lm/W	Efficiency	80.87%
Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical

PERCENTAGE ISOCANDLES

Projection: SLI 6.5 Tight Tilting Angle:0°



10%

Luminaire

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 Name Sobremesa HALL 3x18W E27 P196

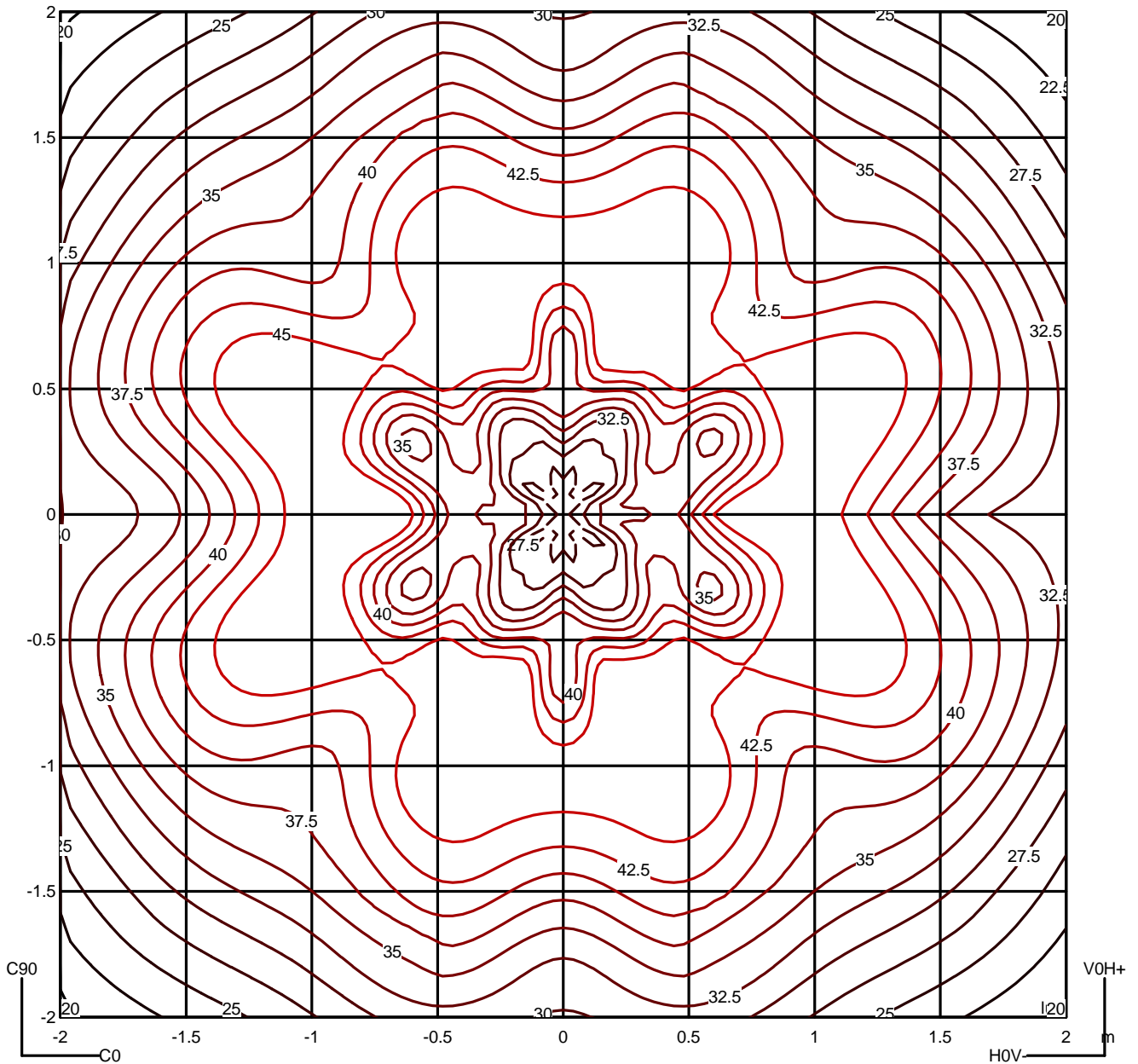
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Isolux (Floor)

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



Luminaire

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Lamps Flux	3300.00 lm	Maximum value	136.97 cd/klm	Position	C=30.00 G=35.00	CG	Asymmetrical

Average Luminance [cd/m ²]										
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	2280	2278	2238	2111	1954	1662	1293	836	684	---
90.0°	2341	2327	2264	2063	1863	1436	995	862	698	---

Flush mounted or transversal 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

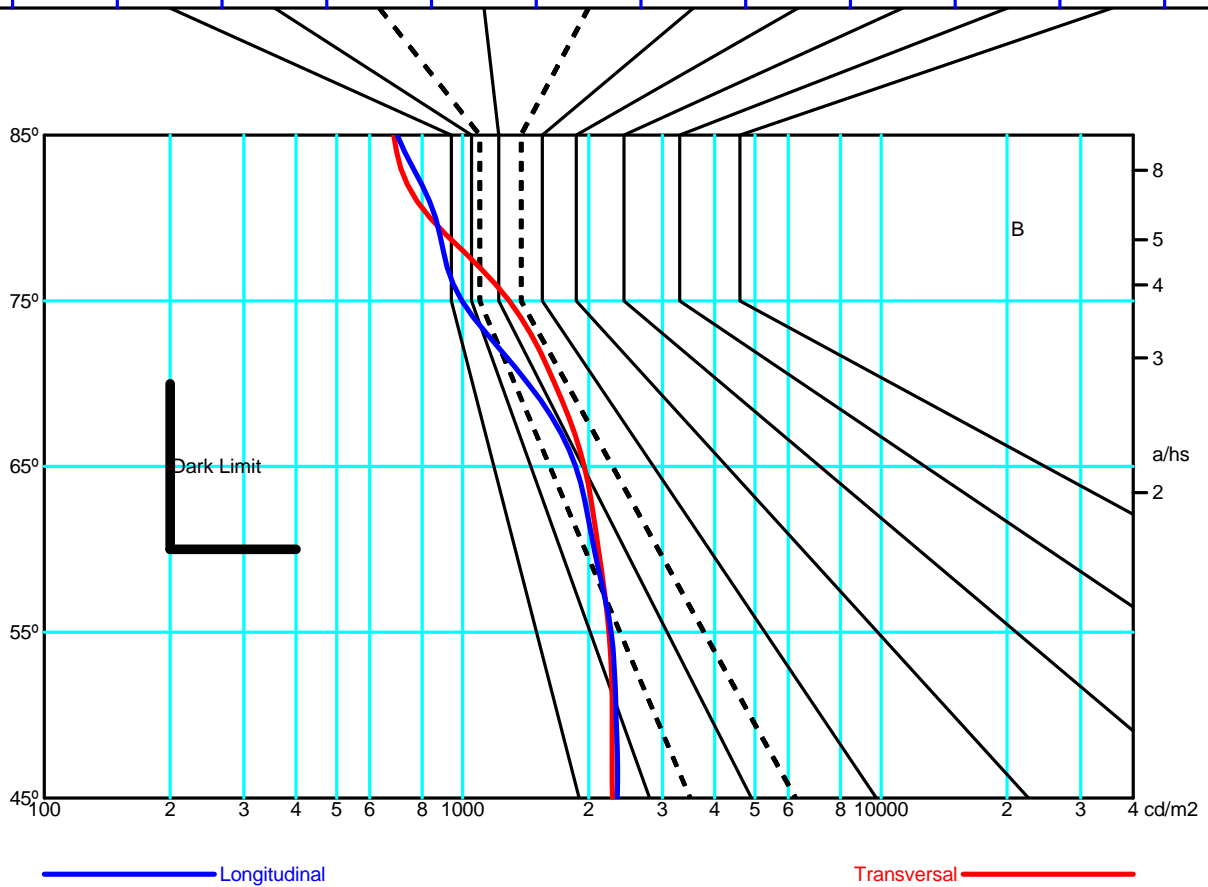
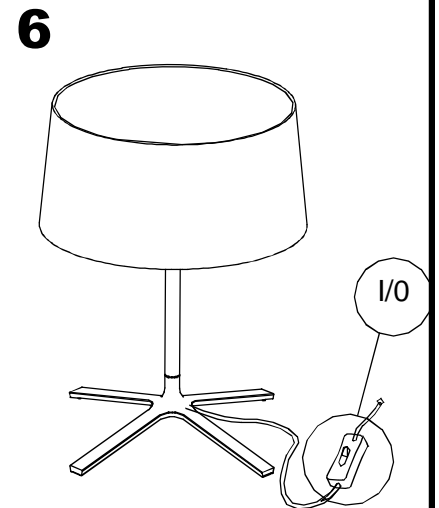
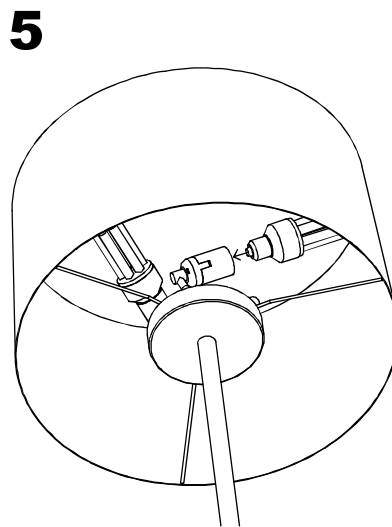
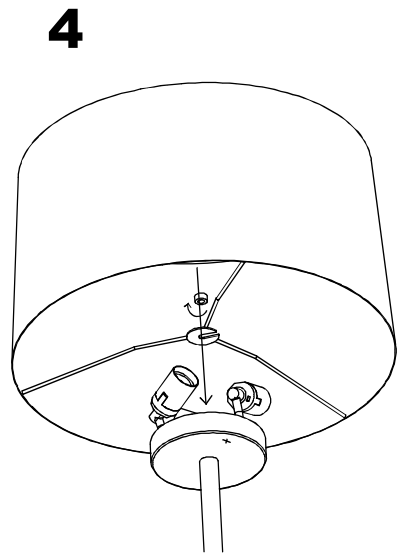
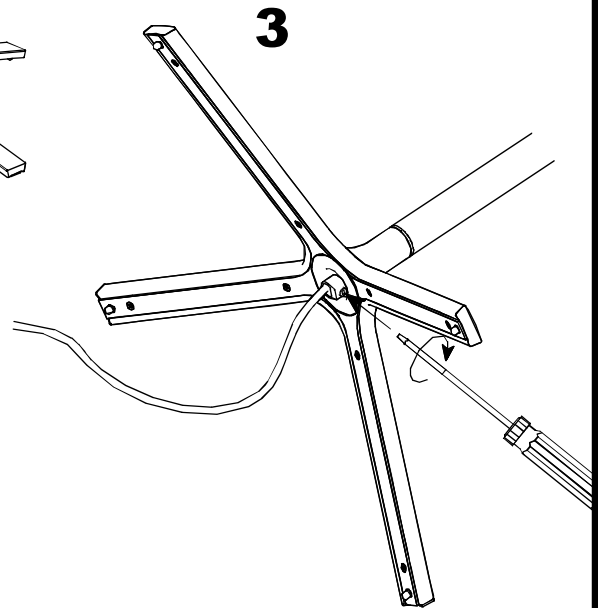
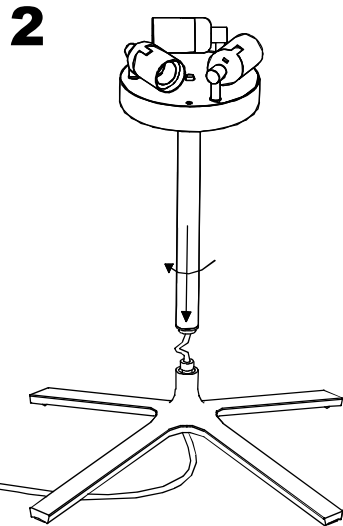
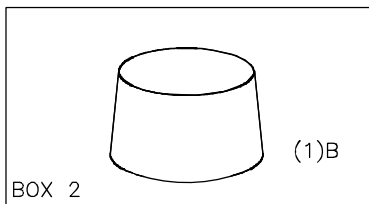
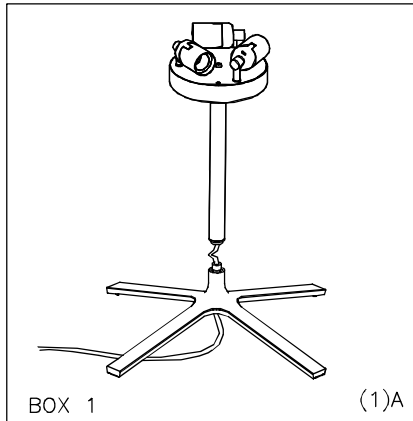


FIGURE N° 1. UNPACK THE FIXTURE: CHECK THE CONTENTS OF THE BOX. YOU SHOULD RECEIVE:

FIGURE N° 1. DÉBALLER LE PLAFONIER: VÉRIFIER LE CONTENU DU CARTON, VOUS DEVEZ RECEVOIR:



CAUTION:
 "Warning", "This product is to be installed by a qualified electrician only."

"Suitable for dry locations only"

ATTENTION:
 "Attention", le raccordement électrique sera effectué par un technicien électricien qualifié"
 "Adéquat seulement en lieux secs."

CAUTION:
 1.- Wrong lighting installation can be dangerous for your safety.
 2.- Before starting, disconnect the power by turning off the general switch of the electric installation.
 3.- Install light bulbs (not provided) that must not exceed markings on the fixture.
 4.- To change the bulbs, disconnect the power by turning off the general switch and wait for the bulbs cool down.

INSTALLATION:
 1.- Assembly according to the attached instructions.
ELECTRICAL CONNECTIONS:

ATTENTION:
 1. Une mauvaise installation peut compromettre votre sécurité.
 2. Déconnecter la tension du réseau d'alimentation avant de réaliser toute opération.
 3. Installer les ampoules (non fournies), ne pas utiliser d'ampoules d'un autre type ou d'une puissance supérieure à celle indiquée sur l'étiquette de la lampe.
 4. Pour changer les ampoules, déconnecter la tension du réseau d'alimentation et laisser refroidir les ampoules.
INSTALLATION:
 1. Suivre le mode d'emploi quand vous faites le montage.
RACCORDEMENTS ÉLECTRIQUES: