



TC-0170-BLA

V0

SQUARE Downlight recessed



Description

Downlight for indoor use.

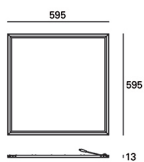
For downlighting. PAR-30 LED spotlight. Structure material: Aluminium. Structure finish: Matt white. Diffuser material: Acrylic. Diffuser finish: Opal white. Warranty: 5 Years.

Finish

Matt white
Opal white

Material

Aluminium
Acrylic



Substitución directa placas tipo armstrong
Directly replacing armstrong ceiling units



TECHNICAL CHARACTERISTICS

Light source

Light source: LED MLS
Output (W): 37.5W
Total power consumption (W): 39.4W
Color temperature: Neutral white - 4000K
Real Lumen: 3506
Qty Leds: 200
Lm/Real W: 89
Life Time: 36.000h L70B30
Bin / Grup: 40-0A o 40-0B
UGR: 16.9

GEAR

Brand: XHF-40
Gear included: Yes, electronic
Voltage / Frequency: 100-240 VAC
Flickering: 67.8%

Luminaire

Warranty: 5 Years

Logistics

Energy Efficiency: LED A++
EAN Code: 8435381449407
Net Weight (Kg): 2.625
Weight in Kg (packaged): 3.100
Packing: 650 x 40 x 635
Masterbox: 5

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

Luminaire

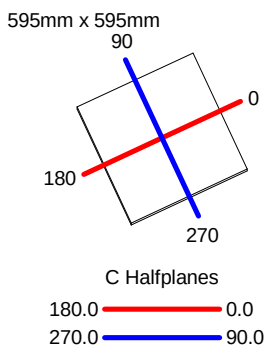
Code TC-0170-BLA
Name PLAFON LEDS

Measurem.

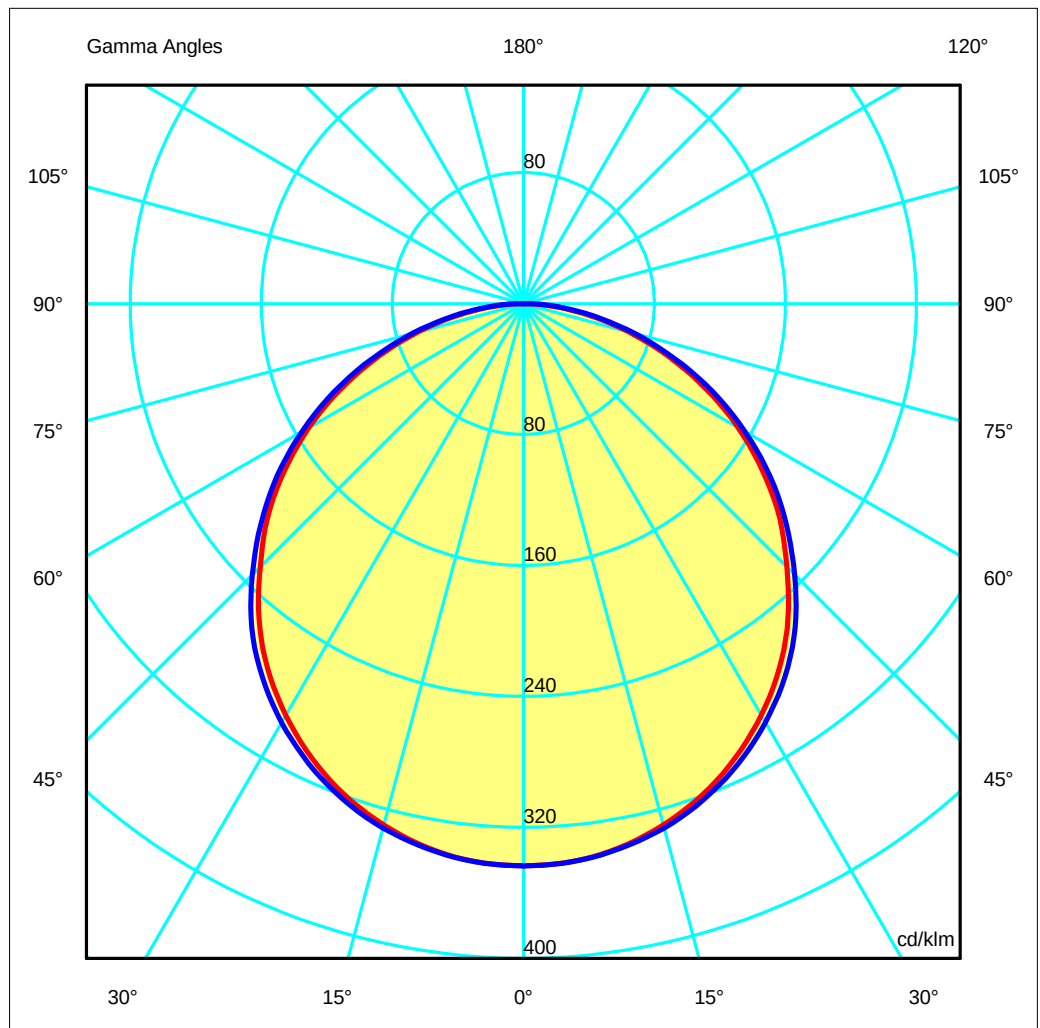
Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	595 mm	Width	595 mm	Height	10 mm
Rectangular Luminous Area		Length	550 mm	Width	550 mm	Height	0 mm
Horizontal Luminous Area		0.302500 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.073181 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		25-08-2017		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		3506.39 lm	
Operator		Asselum T2		Source Voltage [V]			
Temperature		25.00 °C		Source current [A]			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		TC-0170		Name TC-0170		3506.39	39.91	1
C.I.E.	46 78 95 100 100			D DIN 5040	A30			
F UTE	1.00 E			B NBN	BZ 5			



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measurem.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	343.48	343.48	343.48	343.48	343.48	343.48	343.48
G 5.0	342.07	341.89	342.06	342.10	342.17	342.18	342.21
G 10.0	337.44	337.37	337.53	337.92	337.90	338.38	338.05
G 15.0	329.68	329.82	330.32	330.65	331.11	331.44	331.60
G 20.0	319.33	319.40	319.94	320.78	321.44	322.27	322.25
G 25.0	306.09	306.16	307.11	308.04	309.15	309.72	310.11
G 30.0	290.32	290.44	291.61	292.79	294.13	295.66	295.41
G 35.0	272.20	272.35	273.33	274.86	276.32	277.53	278.23
G 40.0	251.21	251.76	252.67	256.04	255.93	258.32	258.07
G 45.0	227.30	228.26	229.88	230.75	232.50	235.13	234.10
G 50.0	204.21	204.23	205.00	207.36	207.40	209.65	209.35
G 55.0	178.28	179.29	180.69	181.18	184.17	185.54	183.69
G 60.0	151.12	151.07	151.51	153.81	154.12	155.67	155.98
G 65.0	122.73	123.89	125.08	125.35	127.82	129.32	127.58
G 70.0	94.18	94.07	94.71	96.79	96.76	98.23	98.38
G 75.0	66.23	67.44	68.66	68.66	70.83	72.11	70.10
G 80.0	40.53	40.40	40.85	42.41	42.20	43.31	43.48
G 85.0	17.94	18.53	19.12	18.90	20.20	20.87	20.62
G 90.0	0.99	1.36	1.47	1.60	1.66	1.72	1.73

Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measur.

Code CL116A17F317G
Name PLAFON LEDS

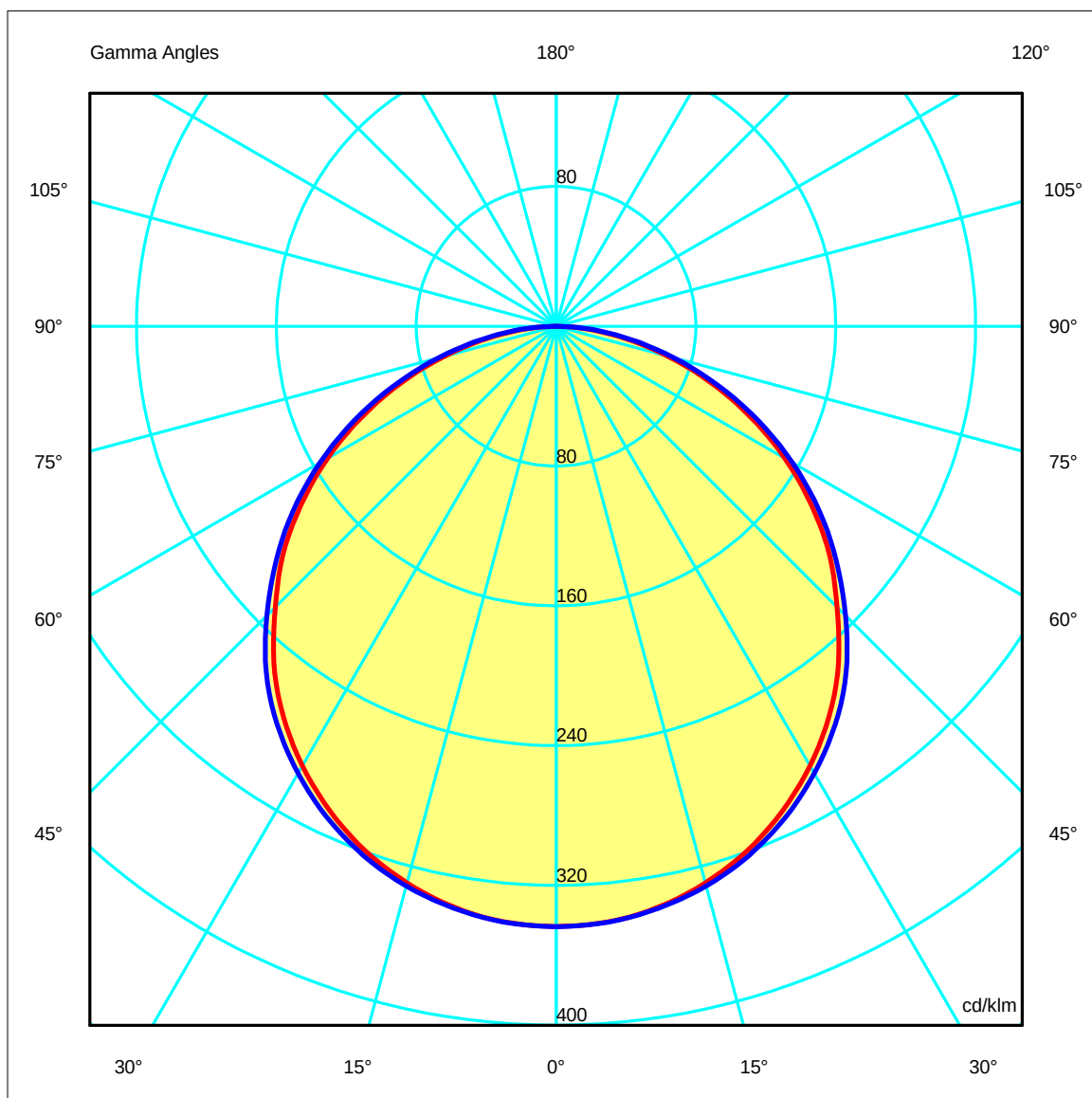
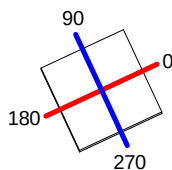
Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

595mm x 595mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measurem.

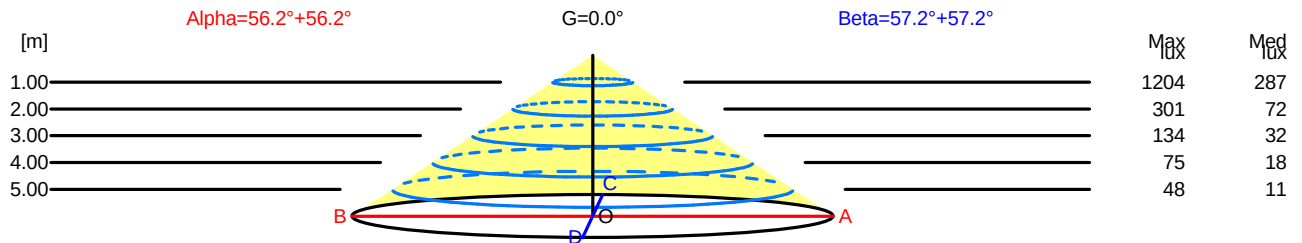
Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.49	2.99	4.48	5.98	7.47	OC	1.55	3.10	4.65	6.20	7.76
OB	1.49	2.99	4.48	5.98	7.47	OD	1.55	3.10	4.65	6.20	7.76

	0	5	15	25	35	45	55	65	75	85
OA	1204.37	1199.43	1155.99	1073.28	954.43	796.99	625.11	430.33	232.23	62.90
OB	1204.37	1199.43	1155.99	1073.28	954.43	796.99	625.11	430.33	232.23	62.90
OC	1204.37	1199.93	1162.71	1087.38	975.59	820.84	644.09	447.35	245.80	72.31
OD	1204.37	1199.93	1162.71	1087.38	975.59	820.84	644.09	447.35	245.80	72.31



H[m]	D[m]	Max lux	Med lux	Alpha=56.2°+56.2°	G=0.0
1.00	2.99	1204	287		
2.00	5.98	301	72		
3.00	8.97	134	32		
4.00	11.96	75	18		
5.00	14.95	48	11		

H[m]	D[m]	Max lux	Med lux	Beta=57.2°+57.2°	G=0.0
1.00	3.10	1204	287		
2.00	6.20	301	72		
3.00	9.31	134	32		
4.00	12.41	75	18		
5.00	15.51	48	11		

Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measurem.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	16.9	18.2	17.2	18.5	18.9	17.1	18.4	17.4	18.6	18.9
x=2H y=3H	18.5	19.8	18.9	20.0	20.5	18.8	20.0	19.1	20.2	20.5
x=2H y=4H	19.2	20.3	19.5	20.6	21.2	19.5	20.6	19.8	20.9	21.2
x=2H y=6H	19.7	20.8	20.0	21.1	21.7	20.0	21.1	20.3	21.4	21.7
x=2H y=8H	19.9	20.9	20.2	21.2	21.8	20.2	21.2	20.5	21.5	21.8
x=2H y=12H	20.0	21.0	20.4	21.3	22.0	20.3	21.3	20.7	21.6	22.0
x=4H y=2H	17.7	18.8	18.0	19.1	19.5	17.8	19.0	18.2	19.3	19.5
x=4H y=3H	19.5	20.5	19.9	20.8	21.3	19.7	20.7	20.1	21.0	21.3
x=4H y=4H	20.3	21.2	20.7	21.5	22.1	20.5	21.4	20.9	21.8	22.1
x=4H y=6H	20.9	21.7	21.3	22.1	22.7	21.2	22.0	21.6	22.3	22.7
x=4H y=8H	21.1	21.8	21.6	22.2	22.9	21.4	22.1	21.9	22.5	22.9
x=4H y=12H	21.3	21.9	21.7	22.4	23.1	21.6	22.3	22.1	22.7	23.1
x=8H y=4H	20.7	21.4	21.1	21.8	22.4	20.9	21.6	21.3	22.0	22.4
x=8H y=6H	21.5	22.0	21.9	22.5	23.2	21.7	22.3	22.2	22.7	23.2
x=8H y=8H	21.8	22.3	22.2	22.7	23.4	22.0	22.5	22.5	23.0	23.4
x=8H y=12H	22.0	22.4	22.5	22.9	23.7	22.3	22.7	22.8	23.2	23.7
x=12H y=4H	20.7	21.4	21.2	21.8	22.4	20.9	21.6	21.4	22.0	22.4
x=12H y=6H	21.5	22.0	22.0	22.5	23.2	21.8	22.3	22.2	22.7	23.2
x=12H y=8H	21.9	22.3	22.4	22.8	23.5	22.1	22.6	22.6	23.0	23.5

Luminaire

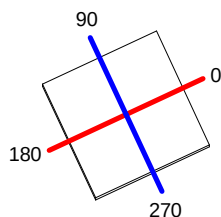
Code TC-0170-BLA
Name PLAFON LEDS

Measur.

Code CL116A17F317G
Name PLAFON LEDS

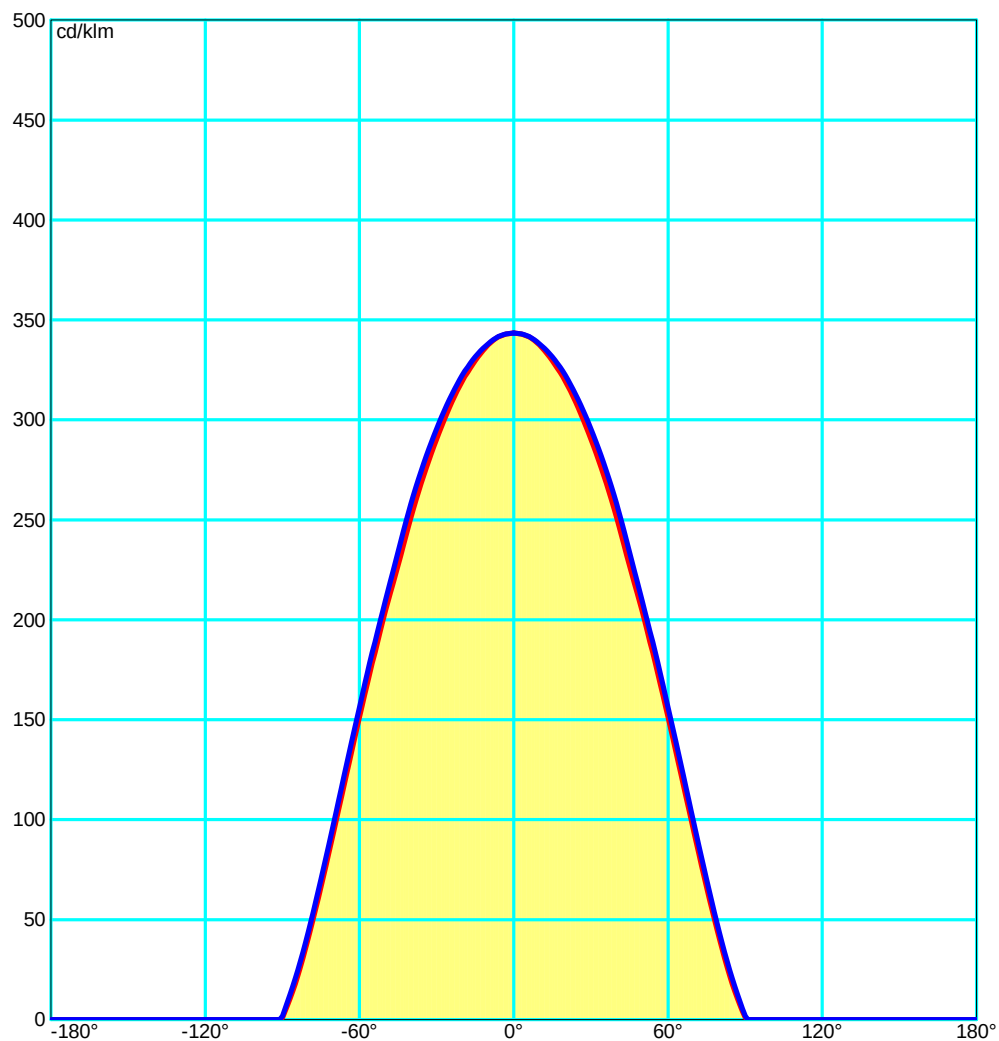
Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

595mm x 595mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

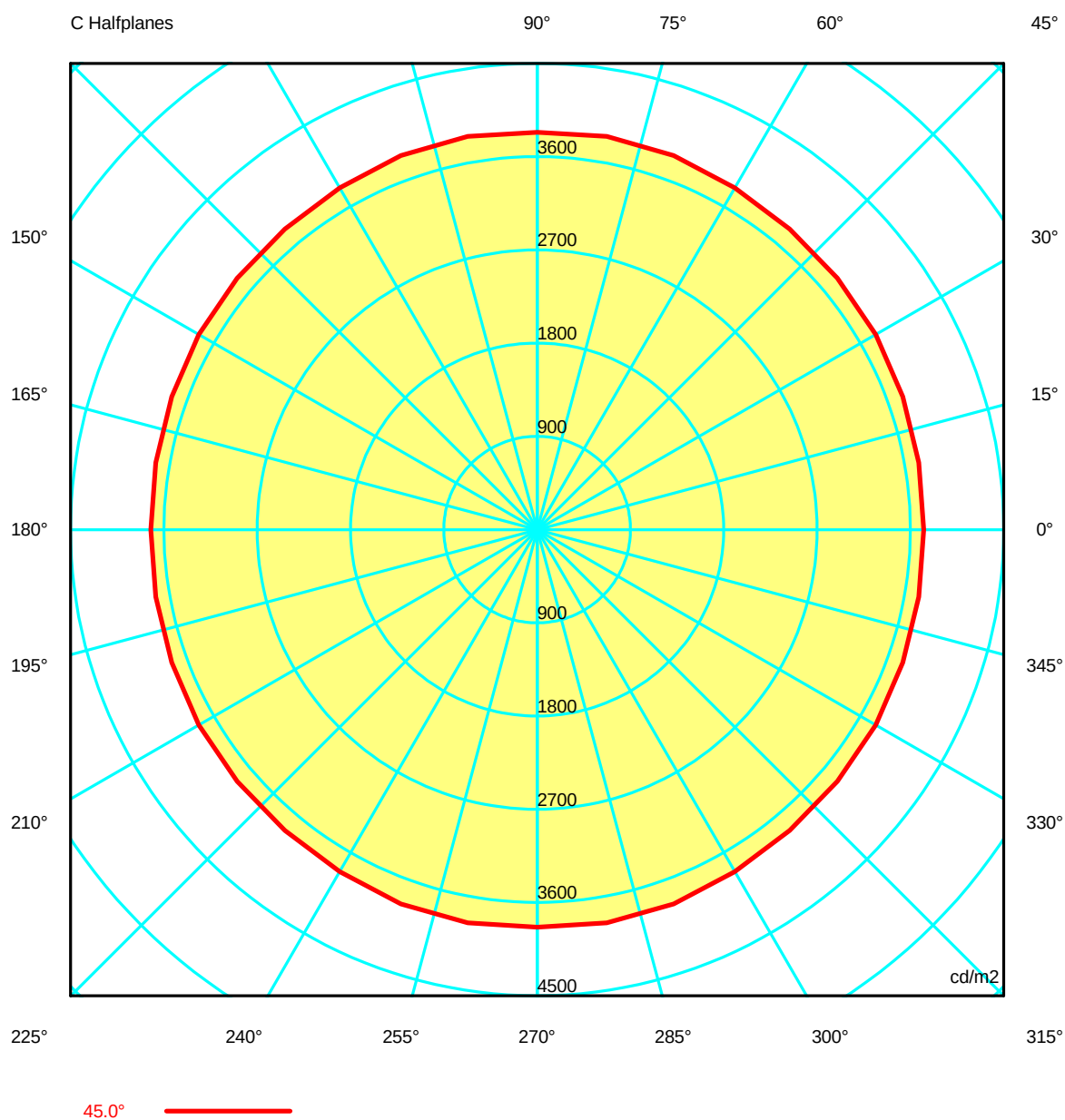
Code TC-0170-BLA
Name PLAFON LEDS

Measurem.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measurment

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux		3506.39 lm		Luminaire Power		39.91 W		Efficacy		87.86 lm/W		Efficiency		100.00%												
Lamps Flux		3506.39 lm		Maximum value		343.48 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical												
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	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38
G 5.0	3980.21	3978.40	3978.57	3980.07	3980.50	3980.82	3981.40	3981.45	3981.55	3981.87	3981.55	3981.45	3981.40	3981.24	3982.63	3978.94	3982.63	3981.24	3977.20	3973.38	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15
G 10.0	3971.78	3971.09	3971.08	3972.75	3976.27	3977.28	3977.20	3981.24	3982.63	3978.94	3982.63	3981.24	3977.20	3973.38	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15	3979.25
G 15.0	3956.25	3956.92	3959.75	3963.87	3966.54	3969.55	3973.38	3976.33	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15	3979.25	3978.15	3976.33	3973.38	3978.15	3979.25	3978.15
G 20.0	3939.06	3939.61	3941.36	3946.50	3953.63	3959.65	3965.11	3972.55	3976.34	3975.07	3976.34	3972.55	3976.34	3975.07	3976.34	3975.07	3976.34	3972.55	3976.34	3975.07	3976.34	3975.07	3976.34	3972.55	3976.34	3975.07
G 25.0	3914.82	3915.39	3918.92	3927.83	3935.63	3944.59	3953.93	3959.39	3962.89	3966.26	3962.89	3959.39	3953.93	3944.59	3935.63	3927.83	3918.92	3915.39	3914.82	3915.39	3918.92	3927.83	3935.63	3944.59	3953.93	3959.39
G 30.0	3885.75	3886.86	3891.56	3903.14	3913.83	3924.10	3936.83	3952.27	3958.61	3953.89	3958.61	3952.27	3936.83	3924.10	3913.83	3903.14	3891.56	3886.86	3885.75	3891.56	3903.14	3913.83	3924.10	3936.83	3952.27	3958.61
G 35.0	3851.71	3853.16	3857.15	3867.78	3881.92	3896.49	3909.99	3922.22	3931.18	3937.11	3931.18	3922.22	3909.99	3896.49	3881.92	3867.78	3857.15	3853.16	3851.71	3857.15	3867.78	3881.92	3896.49	3909.99	3922.22	3931.18
G 40.0	3801.20	3807.62	3810.47	3823.31	3860.69	3876.17	3872.59	3896.62	3912.87	3904.93	3912.87	3896.62	3876.17	3860.69	3823.31	3810.47	3807.62	3801.20	3807.62	3810.47	3823.31	3860.69	3876.17	3872.59	3896.62	3912.87
G 45.0	3725.99	3735.10	3750.60	3768.27	3778.15	3789.00	3811.30	3844.16	3854.99	3837.51	3854.99	3844.16	3789.00	3778.15	3750.60	3735.10	3725.99	3735.10	3750.60	3768.27	3778.15	3789.00	3811.30	3844.16	3854.99	3837.51
G 50.0	3682.44	3682.75	3683.96	3696.81	3728.35	3739.52	3740.00	3767.51	3784.70	3775.16	3784.70	3767.51	3739.52	3728.35	3696.81	3683.96	3682.75	3682.44	3683.96	3696.81	3728.35	3739.52	3740.00	3767.51	3784.70	3775.16
G 55.0	3602.82	3614.73	3633.96	3651.54	3654.72	3677.88	3721.93	3748.21	3742.29	3712.21	3742.29	3748.21	3721.93	3677.88	3654.72	3633.96	3614.73	3602.82	3633.96	3651.54	3654.72	3677.88	3721.93	3748.21	3742.29	3712.21
G 60.0	3503.34	3502.99	3501.33	3512.47	3550.45	3570.88	3572.85	3596.60	3611.31	3616.02	3611.31	3596.60	3570.88	3550.45	3512.47	3501.33	3502.99	3503.34	3502.99	3501.33	3512.47	3550.45	3570.88	3572.85	3596.60	3611.31
G 65.0	3366.07	3386.17	3411.23	3430.59	3431.86	3455.23	3505.70	3542.66	3538.62	3499.25	3538.62	3542.66	3505.70	3455.23	3431.86	3430.59	3411.23	3386.17	3366.07	3411.23	3430.59	3431.86	3455.23	3505.70	3542.66	3538.62
G 70.0	3191.92	3188.72	3189.07	3209.84	3261.95	3283.53	3279.25	3311.65	3330.73	3334.10	3330.73	3311.65	3283.53	3261.95	3209.84	3189.07	3188.72	3191.92	3189.07	3209.84	3261.95	3283.53	3279.25	3311.65	3330.73	3334.10
G 75.0	2966.12	3000.20	3043.22	3074.76	3075.02	3098.31	3172.17	3226.06	3212.43	3139.55	3212.43	3226.06	3098.31	3075.02	3074.76	3043.22	3000.20	2966.12	3043.22	3074.76	3075.02	3098.31	3172.17	3226.06	3212.43	3139.55
G 80.0	2705.25	2698.95	2697.48	2727.11	2804.80	2831.54	2816.71	2863.65	2894.70	2902.61	2894.70	2863.65	2831.54	2804.80	2727.11	2697.48	2698.95	2705.25	2697.48	2727.11	2804.80	2831.54	2816.71	2863.65	2894.70	2902.61
G 85.0	2385.63	2433.95	2500.07	2542.34	2511.57	2555.56	2686.87	2764.36	2773.32	2742.86	2773.32	2764.36	2686.87	2555.56	2511.57	2500.07	2433.95	2385.63	2500.07	2542.34	2511.57	2555.56	2686.87	2764.36	2773.32	2742.86
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measurerm.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux		3506.39 lm		Luminaire Power		39.91 W		Efficacy		87.86 lm/W		Efficiency		100.00%	
Lamps Flux		3506.39 lm		Maximum value		343.48 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
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	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	
G 5.0	3980.82	3980.50	3980.07	3978.57	3978.40	3980.21	3978.40	3978.57	3980.07	3980.50	3980.82	3981.40	3981.45		
G 10.0	3977.28	3976.27	3972.75	3971.08	3971.09	3971.78	3971.09	3971.08	3972.75	3976.27	3977.28	3977.20	3981.24		
G 15.0	3969.55	3966.54	3963.87	3959.75	3956.92	3956.25	3956.92	3959.75	3963.87	3966.54	3969.55	3973.38	3976.33		
G 20.0	3959.65	3953.63	3946.50	3941.36	3939.61	3939.06	3939.61	3941.36	3946.50	3953.63	3959.65	3965.11	3972.55		
G 25.0	3944.59	3935.63	3927.83	3918.92	3915.39	3914.82	3915.39	3918.92	3927.83	3935.63	3944.59	3953.93	3959.39		
G 30.0	3924.10	3913.83	3903.14	3891.56	3886.86	3885.75	3886.86	3891.56	3903.14	3913.83	3924.10	3936.83	3952.27		
G 35.0	3896.49	3881.92	3867.78	3857.15	3853.16	3851.71	3853.16	3857.15	3867.78	3881.92	3896.49	3909.99	3922.22		
G 40.0	3876.17	3860.69	3823.31	3810.47	3807.62	3801.20	3807.62	3810.47	3823.31	3860.69	3876.17	3872.59	3896.62		
G 45.0	3789.00	3778.15	3768.27	3750.60	3735.10	3725.99	3735.10	3750.60	3768.27	3778.15	3789.00	3811.30	3844.16		
G 50.0	3739.52	3728.35	3696.81	3683.96	3682.75	3682.44	3682.75	3683.96	3696.81	3728.35	3739.52	3740.00	3767.51		
G 55.0	3677.88	3654.72	3651.54	3633.96	3614.73	3602.82	3614.73	3633.96	3651.54	3654.72	3677.88	3721.93	3748.21		
G 60.0	3570.88	3550.45	3512.47	3501.33	3502.99	3503.34	3502.99	3501.33	3512.47	3550.45	3570.88	3572.85	3596.60		
G 65.0	3455.23	3431.86	3430.59	3411.23	3386.17	3366.07	3386.17	3411.23	3430.59	3431.86	3455.23	3505.70	3542.66		
G 70.0	3283.53	3261.95	3209.84	3189.07	3188.72	3191.92	3188.72	3189.07	3209.84	3261.95	3283.53	3279.25	3311.65		
G 75.0	3098.31	3075.02	3074.76	3043.22	3000.20	2966.12	3000.20	3043.22	3074.76	3075.02	3098.31	3172.17	3226.06		
G 80.0	2831.54	2804.80	2727.11	2697.48	2698.95	2705.25	2698.95	2697.48	2727.11	2804.80	2831.54	2816.71	2863.65		
G 85.0	2555.56	2511.57	2542.34	2500.07	2433.95	2385.63	2433.95	2500.07	2542.34	2511.57	2555.56	2686.87	2764.36		
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

Measur.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

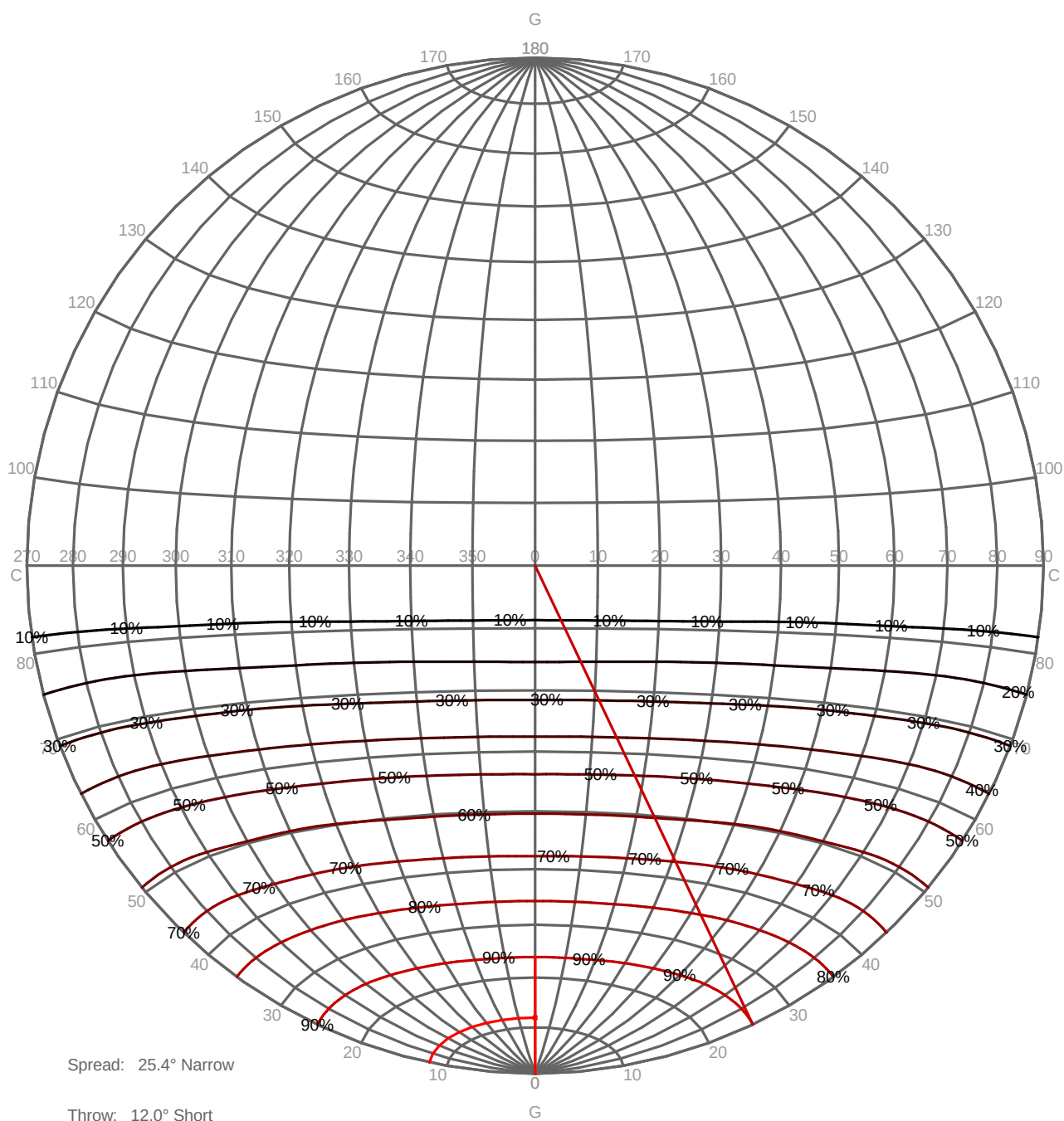
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38	3981.38
G 5.0	3981.55	3981.87	3981.55	3981.45	3981.40	3980.82	3980.50	3980.07	3978.57	3978.40
G 10.0	3982.63	3978.94	3982.63	3981.24	3977.20	3977.28	3976.27	3972.75	3971.08	3971.09
G 15.0	3978.15	3979.25	3978.15	3976.33	3973.38	3969.55	3966.54	3963.87	3959.75	3956.92
G 20.0	3976.34	3975.07	3976.34	3972.55	3965.11	3959.65	3953.63	3946.50	3941.36	3939.61
G 25.0	3962.89	3966.26	3962.89	3959.39	3953.93	3944.59	3935.63	3927.83	3918.92	3915.39
G 30.0	3958.61	3953.89	3958.61	3952.27	3936.83	3924.10	3913.83	3903.14	3891.56	3886.86
G 35.0	3931.18	3937.11	3931.18	3922.22	3909.99	3896.49	3881.92	3867.78	3857.15	3853.16
G 40.0	3912.87	3904.93	3912.87	3896.62	3872.59	3876.17	3860.69	3823.31	3810.47	3807.62
G 45.0	3854.99	3837.51	3854.99	3844.16	3811.30	3789.00	3778.15	3768.27	3750.60	3735.10
G 50.0	3784.70	3775.16	3784.70	3767.51	3740.00	3739.52	3728.35	3696.81	3683.96	3682.75
G 55.0	3742.29	3712.21	3742.29	3748.21	3721.93	3677.88	3654.72	3651.54	3633.96	3614.73
G 60.0	3611.31	3616.02	3611.31	3596.60	3572.85	3570.88	3550.45	3512.47	3501.33	3502.99
G 65.0	3538.62	3499.25	3538.62	3542.66	3505.70	3455.23	3431.86	3430.59	3411.23	3386.17
G 70.0	3330.73	3334.10	3330.73	3311.65	3279.25	3283.53	3261.95	3209.84	3189.07	3188.72
G 75.0	3212.43	3139.55	3212.43	3226.06	3172.17	3098.31	3075.02	3074.76	3043.22	3000.20
G 80.0	2894.70	2902.61	2894.70	2863.65	2816.71	2831.54	2804.80	2727.11	2697.48	2698.95
G 85.0	2773.32	2742.86	2773.32	2764.36	2686.87	2555.56	2511.57	2542.34	2500.07	2433.95
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire
 Code TC-0170-BLA
 Name PLAFON LEDS
Measurem.
 Code CL116A17F317G
 Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 6.3 Tight Tilting Angle:0°



Luminaire

Code TC-0170-BLA
Name PLAFON LEDS

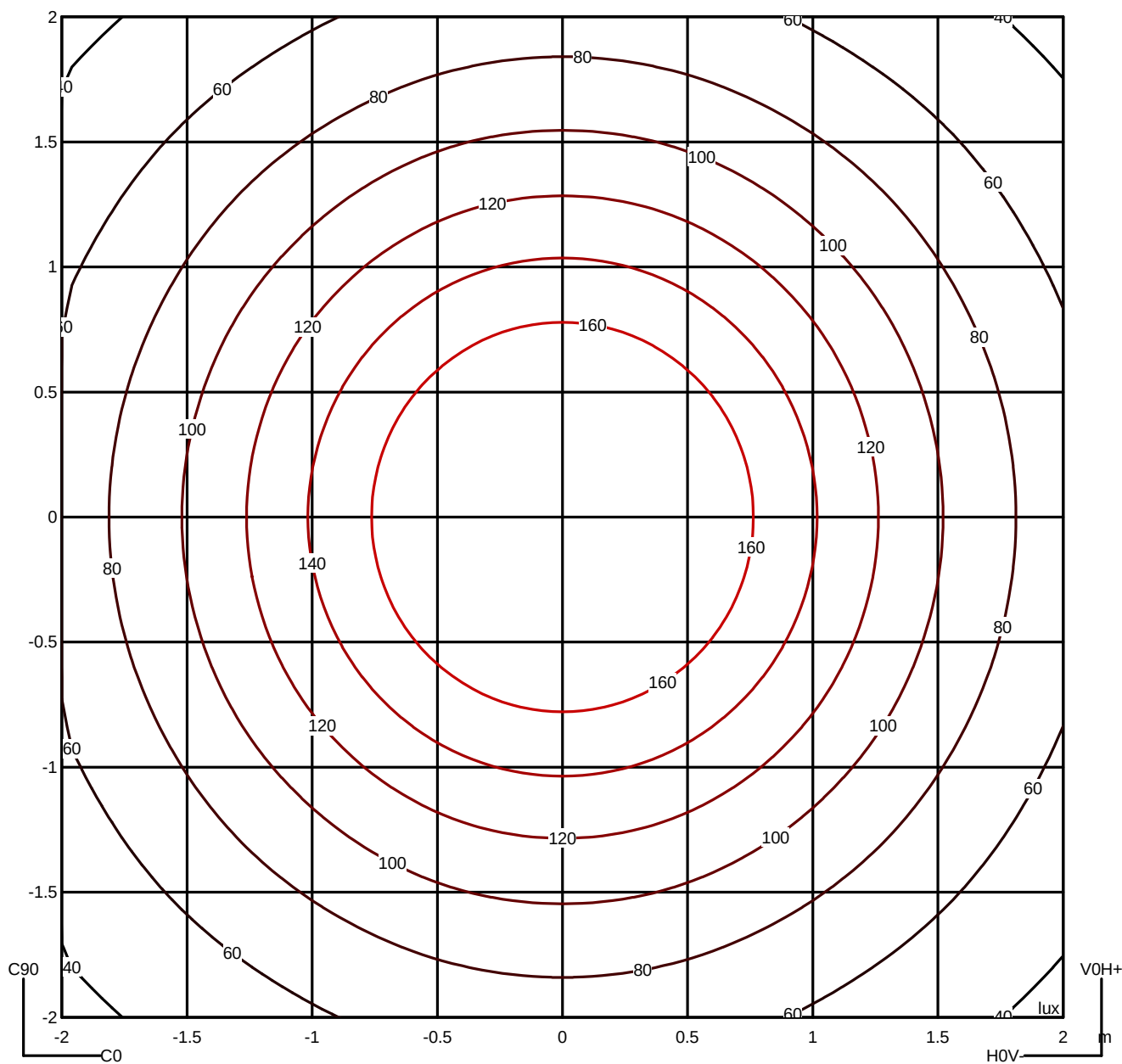
Measur.

Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 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 TC-0170-BLA
Name PLAFON LEDS

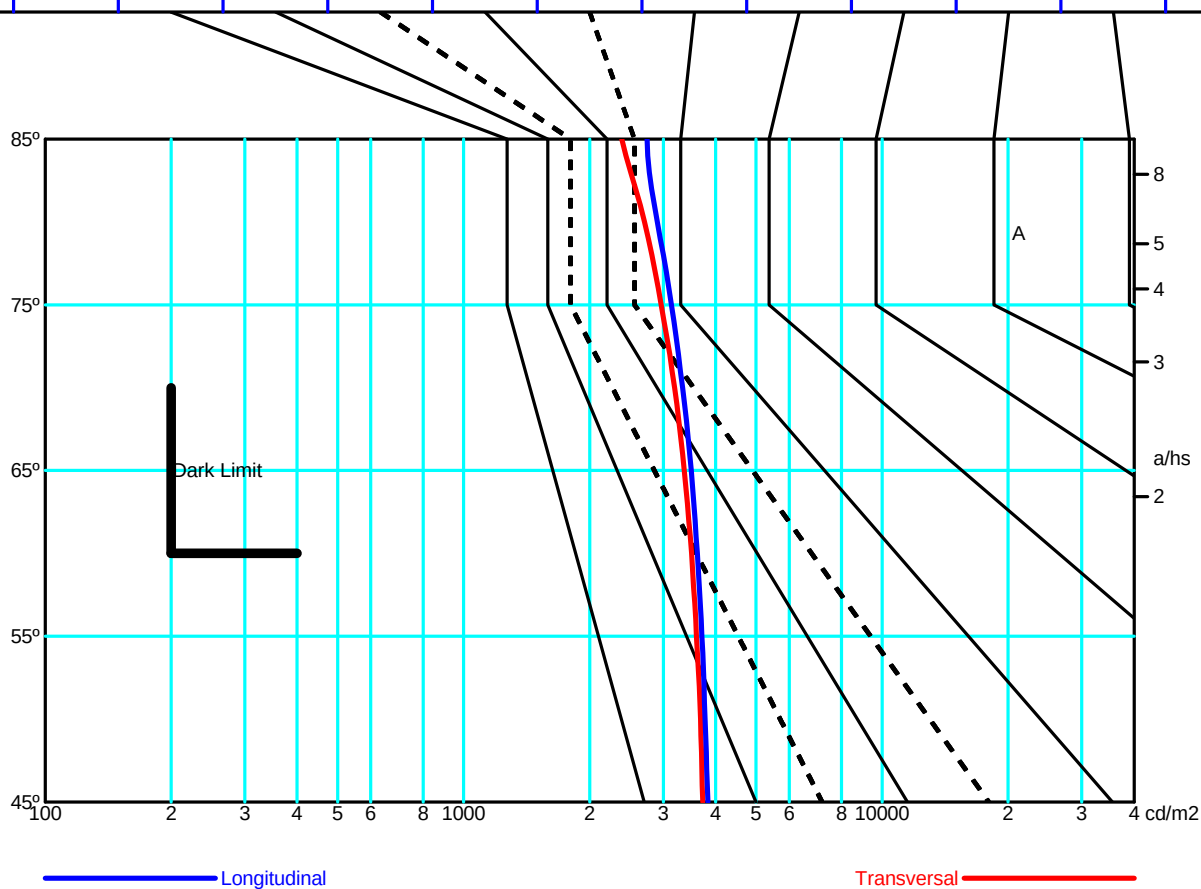
Measurem.

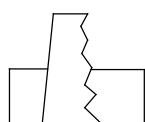
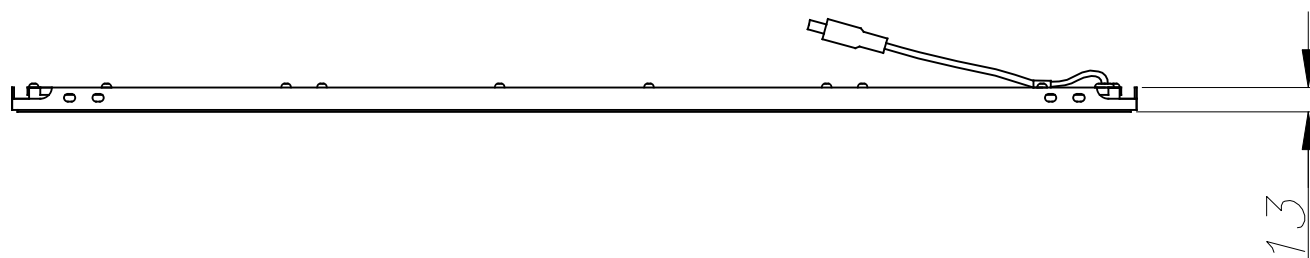
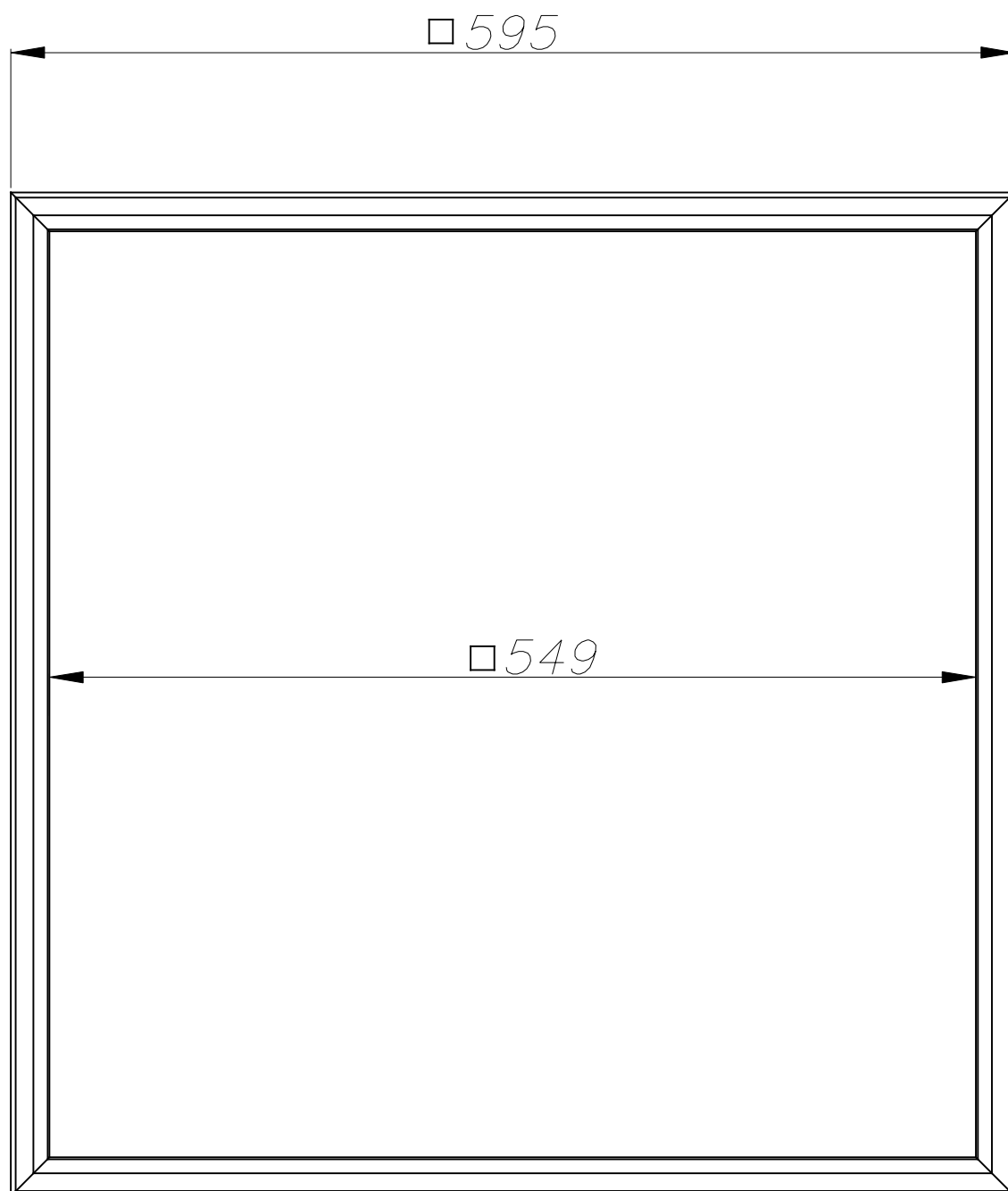
Code CL116A17F317G
Name PLAFON LEDS

Luminaire Flux	3506.39 lm	Luminaire Power	39.91 W	Efficacy	87.86 lm/W	Efficiency	100.00%
Lamps Flux	3506.39 lm	Maximum value	343.48 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
3726	3682	3603	3503	3366	3192	2966	2705	2386	---	
90.0°	3838	3775	3712	3616	3499	3334	3140	2903	2743	--

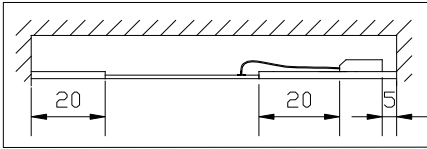
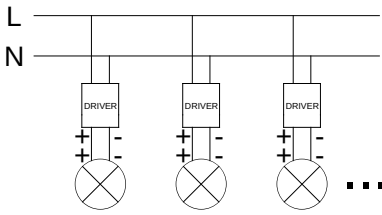
Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



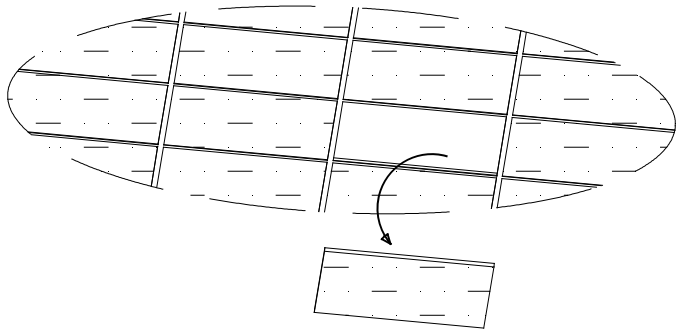
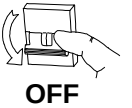


SUBSTITUCIÓN DIRECTA PLACAS TIPO
ARMSTRONG
DIRECTLY REPLACING ARMSTRONG
CEILING UNITS

①

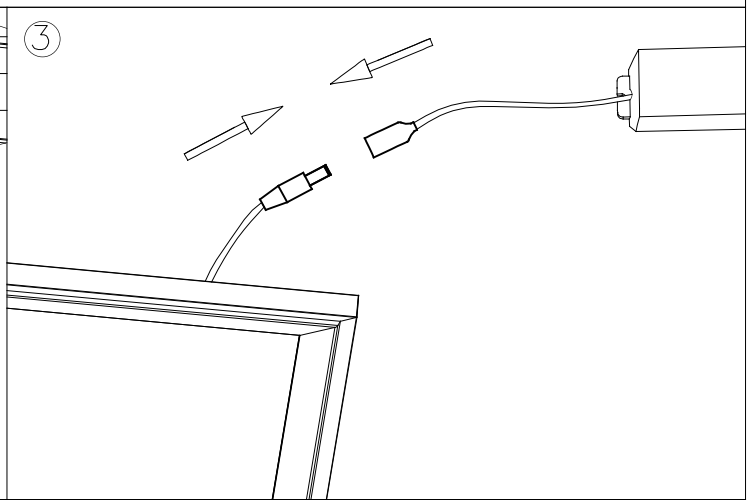
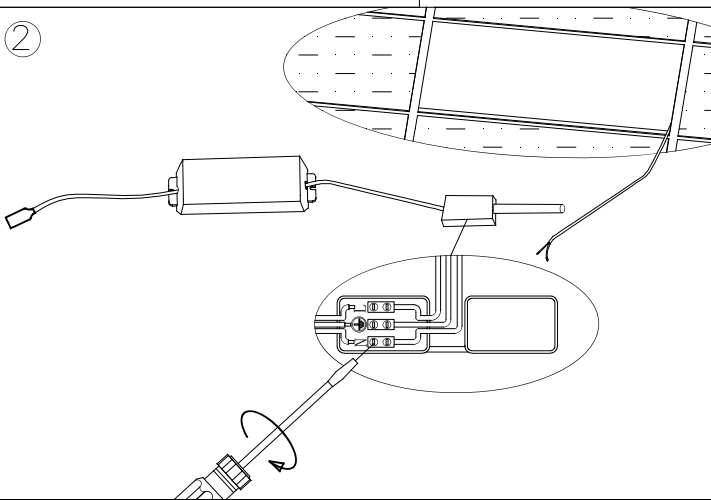


- INSTALLATION HOLE: Armstrong ceiling units

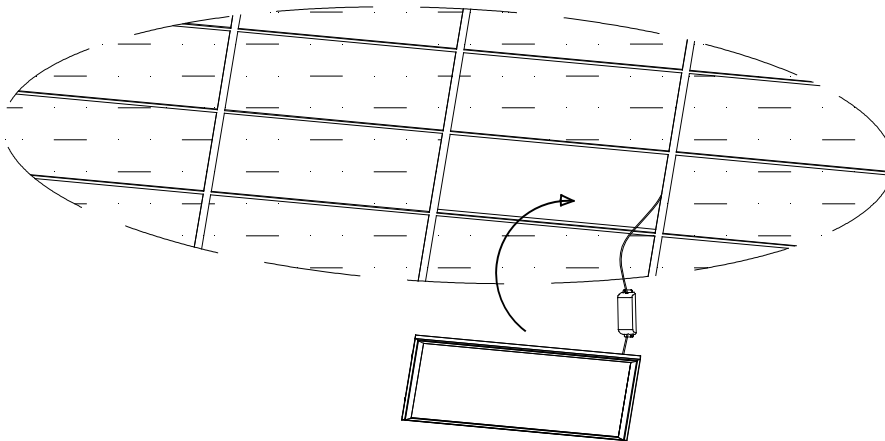


②

③



④



⑤

