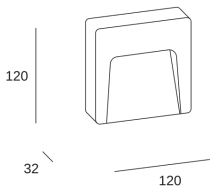
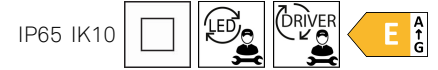




## Grove Opaque Square PX-0439-NEG

Aplique IP65 Grove Opaque Square LED 3.1 Blanco neutro - 4000K ON-OFF Negro 300.00

### CARACTERÍSTICAS TÉCNICAS



Potencia total luminaria : 3.1W

Lúmenes reales : 89

Lúmenes nominales : 300

Lm / W reales : 29

Temperatura de color correlacionada (CCT) : Blanco neutro - 4000K

Material de la estructura : ABS

Acabado estructura : Negro

Material del difusor : Policarbonato

Acabado difusor : Transparente

Voltaje / Frecuencia : 100-240V/50-60Hz

Protocolo de regulación : ON-OFF

Vida útil : 36.000h L70B30

Garantía : 5 Años

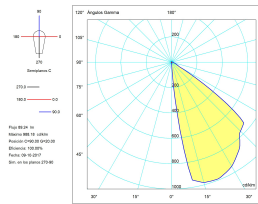
### CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80

MacAdam steps: 3

Riesgo fotobiológico: RG0

Portalámparas	Cantidad	Potencia fuente de luz (W)
LED	1	2.6W



### LOGÍSTICA

Peso neto (Kg): 0.3

Peso embalado (Kg): 0.39

Embalaje: 130mm x 100mm x 130mm

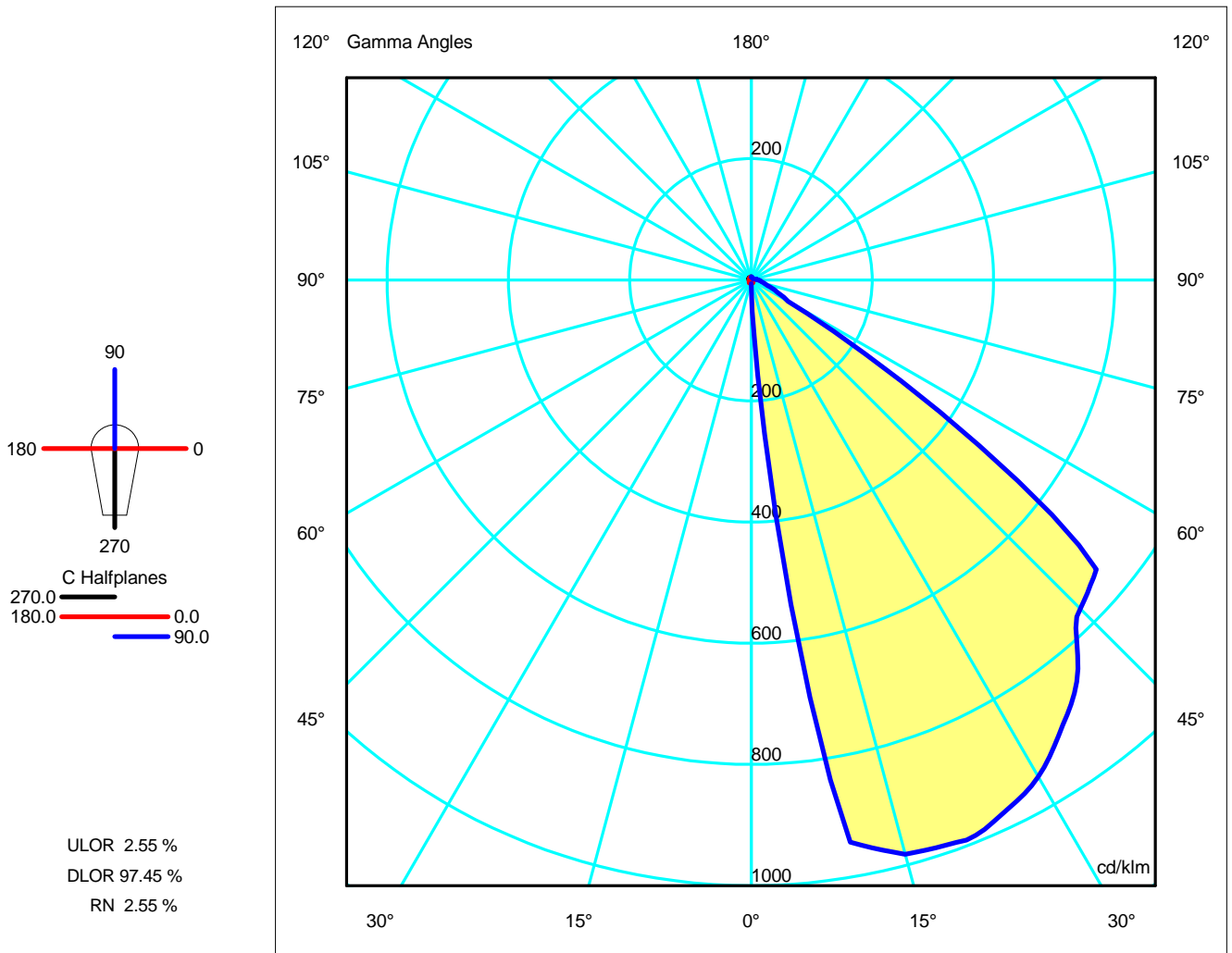


**Luminaire**

Code PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS  
**Measur.**  
 Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG Sym. on planes 270-90	
Rectangular Luminaire		Length	31 mm	Width	120 mm	Height	120 mm
Rectangular Luminous Area		Length	10 mm	Width	75 mm	Height	0 mm
Horizontal Luminous Area	0.000750 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°	0.000181 m2		
Coordinate system	CG Roads			Symmetry Type	Sym. on planes 270-90		
Date	09-10-2017			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	89.24 lm		
Operator	Asselum T2			Source Voltage [V]			
Temperature	25.00 °C			Source current [A]			
Humidity	60.00 %			Photocell			
Notes							

Line	Luminaire Lamps			Flux [lm]	Pow. [W]	Q.ty
	Code	Name				
	PX-0439-NEG	PX-0439-NEG		89.24	2.77	1
C.I.E.	55 91 99 97 100	D DIN 5040	A41			





**Luminaire**

Code PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS

**Measuram.**

Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**Luminous Intensity Table cd/klm Table 1/1**

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
G 5.0	3.45	3.69	3.45	4.26	3.69	4.43	5.70	13.77	17.66	94.60	37.23	677.36	255.65
G 10.0	3.45	3.45	3.45	3.72	3.45	3.94	5.42	23.01	394.26	905.45	920.82	953.21	942.42
G 15.0	3.45	3.45	3.45	3.73	3.30	3.62	5.67	182.95	829.03	912.50	953.92	977.91	981.62
G 20.0	3.45	3.45	3.45	3.45	3.13	3.45	5.67	571.99	791.68	875.72	959.13	978.67	988.18
G 25.0	3.45	3.45	3.45	3.45	3.21	3.45	5.67	553.09	750.22	860.22	947.15	960.96	974.88
G 30.0	3.45	3.45	3.45	3.69	3.20	3.20	5.67	509.87	722.62	832.47	911.87	925.94	947.08
G 35.0	3.45	3.45	3.45	3.69	3.20	3.20	5.42	434.21	667.96	780.82	862.56	874.79	896.50
G 40.0	3.45	3.45	3.45	3.69	3.20	3.20	4.93	376.97	608.01	719.22	795.32	808.28	838.47
G 45.0	3.45	3.45	3.45	3.69	3.20	3.20	4.68	315.49	551.48	653.44	725.12	733.15	767.89
G 50.0	3.45	3.45	3.45	3.69	3.20	3.20	4.39	263.94	489.71	569.09	647.99	702.46	743.20
G 55.0	3.45	3.45	3.45	3.58	3.45	3.20	4.03	212.90	422.30	480.87	588.52	323.07	379.94
G 60.0	3.45	3.20	3.20	3.45	3.38	3.20	3.69	167.86	346.32	405.73	235.82	63.53	70.45
G 65.0	3.45	3.20	3.20	3.45	3.20	3.20	3.45	124.35	257.38	122.42	50.71	43.14	46.80
G 70.0	3.45	3.25	3.20	3.45	3.25	3.20	3.16	78.40	174.81	30.80	32.64	28.70	32.02
G 75.0	3.45	3.45	3.13	3.45	3.20	3.20	3.20	38.86	31.82	19.27	21.13	20.21	22.56
G 80.0	3.45	3.45	3.45	3.45	3.45	3.20	2.96	12.76	11.40	12.92	15.35	16.01	17.69
G 85.0	3.45	3.45	3.45	3.45	3.45	3.20	2.96	5.69	7.89	9.71	11.82	12.88	14.63
G 90.0	3.45	3.45	3.45	3.45	3.32	3.20	2.96	4.68	6.16	7.50	9.29	10.34	11.48
G 95.0	3.45	3.45	3.45	3.45	3.45	3.20	2.96	3.94	4.85	5.74	7.10	7.83	9.06
G100.0	3.45	3.45	3.66	3.45	3.45	3.20	2.96	3.45	4.19	4.85	5.59	6.40	7.39
G105.0	3.94	3.52	3.69	3.45	3.45	3.24	2.96	3.45	3.94	4.43	4.93	5.34	4.93
G110.0	3.94	3.69	3.69	3.56	3.45	3.20	3.36	3.45	3.56	3.94	4.43	4.43	4.43
G115.0	3.94	3.94	3.94	3.94	3.45	3.40	3.31	3.28	3.45	3.94	4.43	4.19	3.94
G120.0	3.94	3.94	3.97	3.94	3.46	3.45	3.45	3.45	3.45	3.94	3.94	3.94	3.94
G125.0	4.43	3.94	4.02	3.94	3.94	3.45	3.45	3.45	3.45	3.69	3.94	3.94	3.86
G130.0	4.43	4.10	4.43	3.94	3.94	3.54	3.45	3.45	3.45	3.69	3.94	3.69	3.88
G135.0	4.43	4.43	4.43	4.36	3.94	3.69	3.45	3.45	3.45	3.69	3.69	3.69	3.45
G140.0	4.43	3.94	4.43	4.43	3.94	3.92	3.45	3.45	3.45	3.69	3.69	3.45	3.45
G145.0	4.43	4.28	4.43	4.43	3.94	3.69	3.45	3.45	3.69	3.69	3.69	3.69	3.70
G150.0	4.43	4.43	4.43	4.43	3.94	3.69	3.45	3.69	3.69	3.94	3.94	3.94	3.94
G155.0	4.43	4.19	4.43	4.43	3.98	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94
G160.0	4.93	4.43	4.68	4.43	4.43	3.94	3.94	4.19	4.19	4.25	3.94	4.08	4.28
G165.0	4.93	4.93	4.93	4.76	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43
G170.0	4.93	4.93	4.93	4.93	4.52	4.43	4.43	4.43	4.43	4.68	4.60	4.76	4.87
G175.0	4.93	4.93	4.93	4.93	4.68	4.43	4.47	4.52	4.68	4.90	4.90	4.93	4.93
G180.0	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83

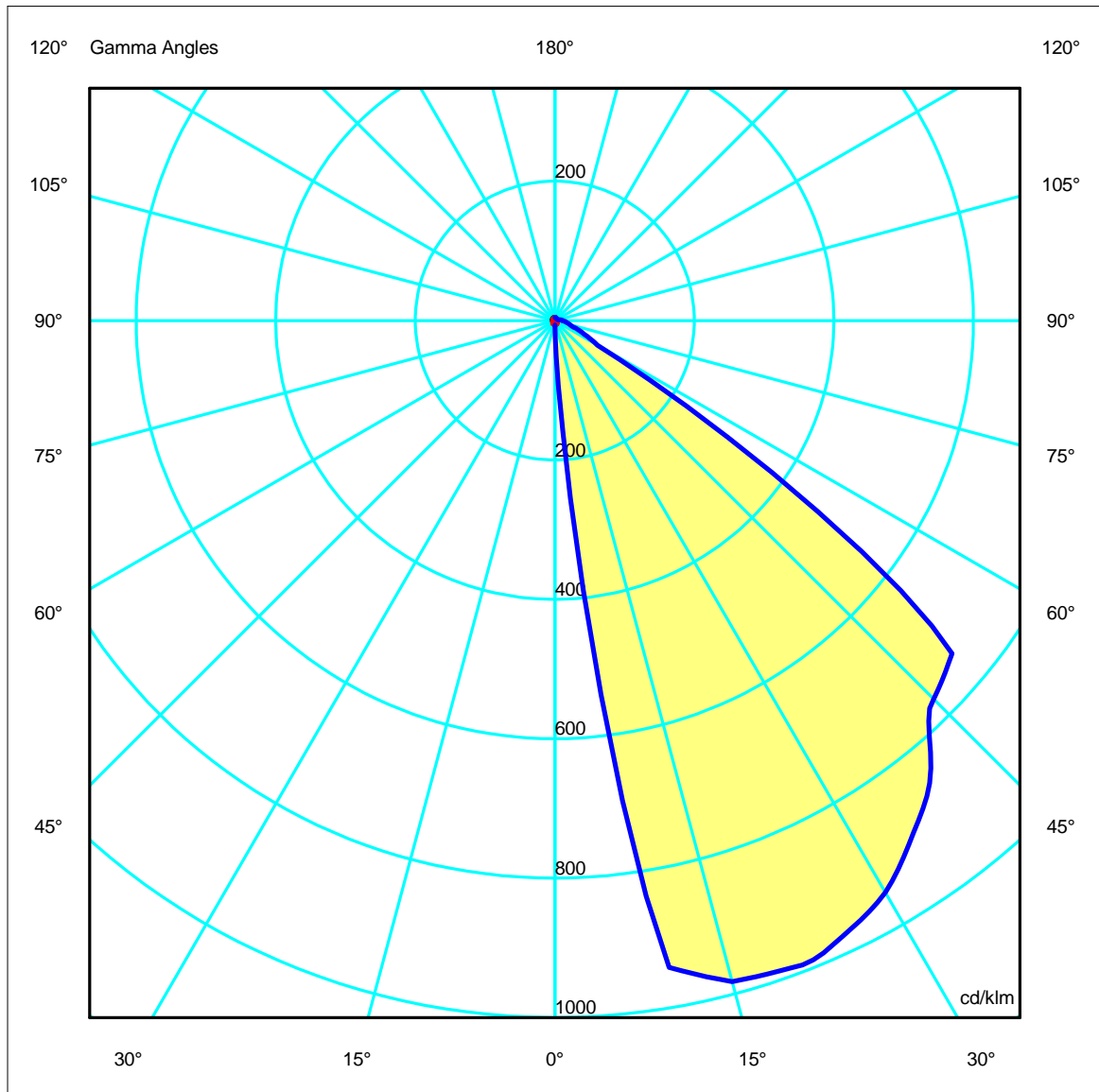
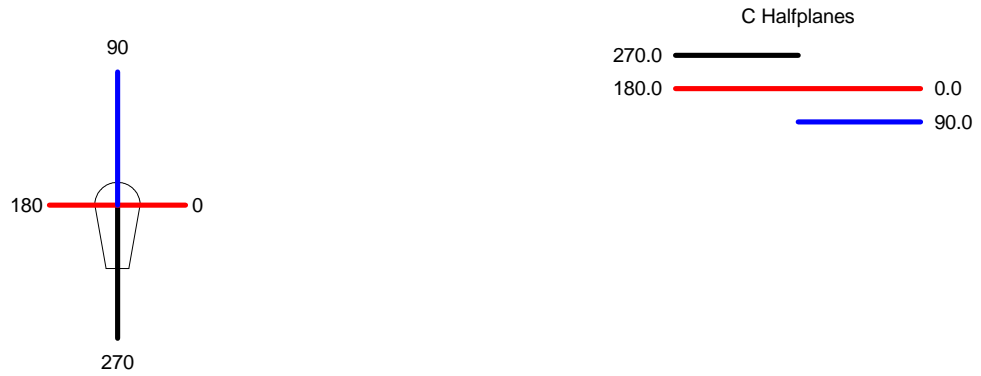
**Luminaire**

Code PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS

**Measur.**

Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90





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**Luminaire**Code PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS**Measurem.**Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

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Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

---

Right beam angle not found, gamma = 0

Right beam angle not found, gamma = 0

Right beam angle not found, gamma = 0



**Luminaire**

Code PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS

**Measurement**

Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**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	26.0	27.1	26.3	27.4	27.7	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	26.3	27.4	26.7	27.7	28.0	1.1	2.2	1.5	2.5	2.8
x=2H y=4H	26.3	27.3	26.7	27.6	28.0	3.2	4.2	3.6	4.5	4.8
x=2H y=6H	26.3	27.2	26.7	27.5	27.9	5.4	6.3	5.8	6.7	7.0
x=2H y=8H	26.2	27.1	26.6	27.5	27.8	6.7	7.5	7.1	7.9	8.3
x=2H y=12H	26.2	27.0	26.6	27.4	27.8	8.1	8.9	8.5	9.3	9.7
x=4H y=2H	27.1	28.0	27.4	28.3	28.7	< 0	0.1	< 0	0.4	0.7
x=4H y=3H	27.8	28.7	28.3	29.0	29.4	2.6	3.4	3.0	3.7	4.1
x=4H y=4H	27.9	28.6	28.3	29.0	29.4	4.7	5.4	5.1	5.8	6.2
x=4H y=6H	27.8	28.5	28.3	28.9	29.3	7.1	7.8	7.6	8.2	8.6
x=4H y=8H	27.8	28.4	28.3	28.8	29.3	8.5	9.1	9.0	9.5	10.0
x=4H y=12H	27.8	28.3	28.3	28.8	29.2	10.0	10.5	10.5	11.0	11.5
x=8H y=4H	27.8	28.4	28.3	28.8	29.3	5.7	6.2	6.2	6.7	7.2
x=8H y=6H	27.8	28.2	28.3	28.7	29.2	8.3	8.8	8.8	9.3	9.8
x=8H y=8H	27.8	28.2	28.3	28.7	29.2	9.9	10.3	10.4	10.8	11.3
x=8H y=12H	27.7	28.1	28.3	28.6	29.2	11.6	11.9	12.1	12.4	13.0
x=12H y=4H	27.8	28.3	28.3	28.7	29.2	6.0	6.5	6.5	6.9	7.4
x=12H y=6H	27.8	28.2	28.3	28.6	29.2	8.8	9.2	9.3	9.6	10.2
x=12H y=8H	27.7	28.1	28.3	28.6	29.2	10.4	10.7	10.9	11.2	11.8

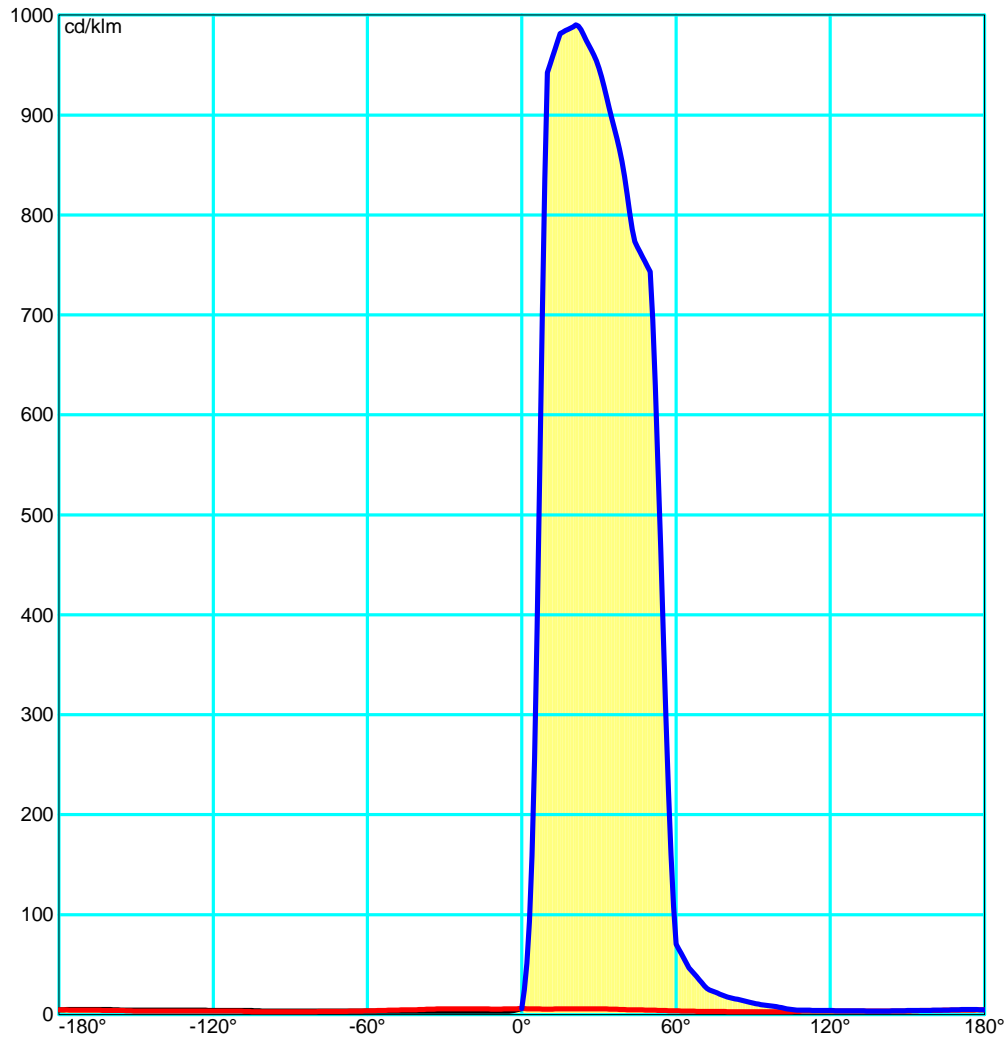
**Luminaire**

Code PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS

**Measurem.**

Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

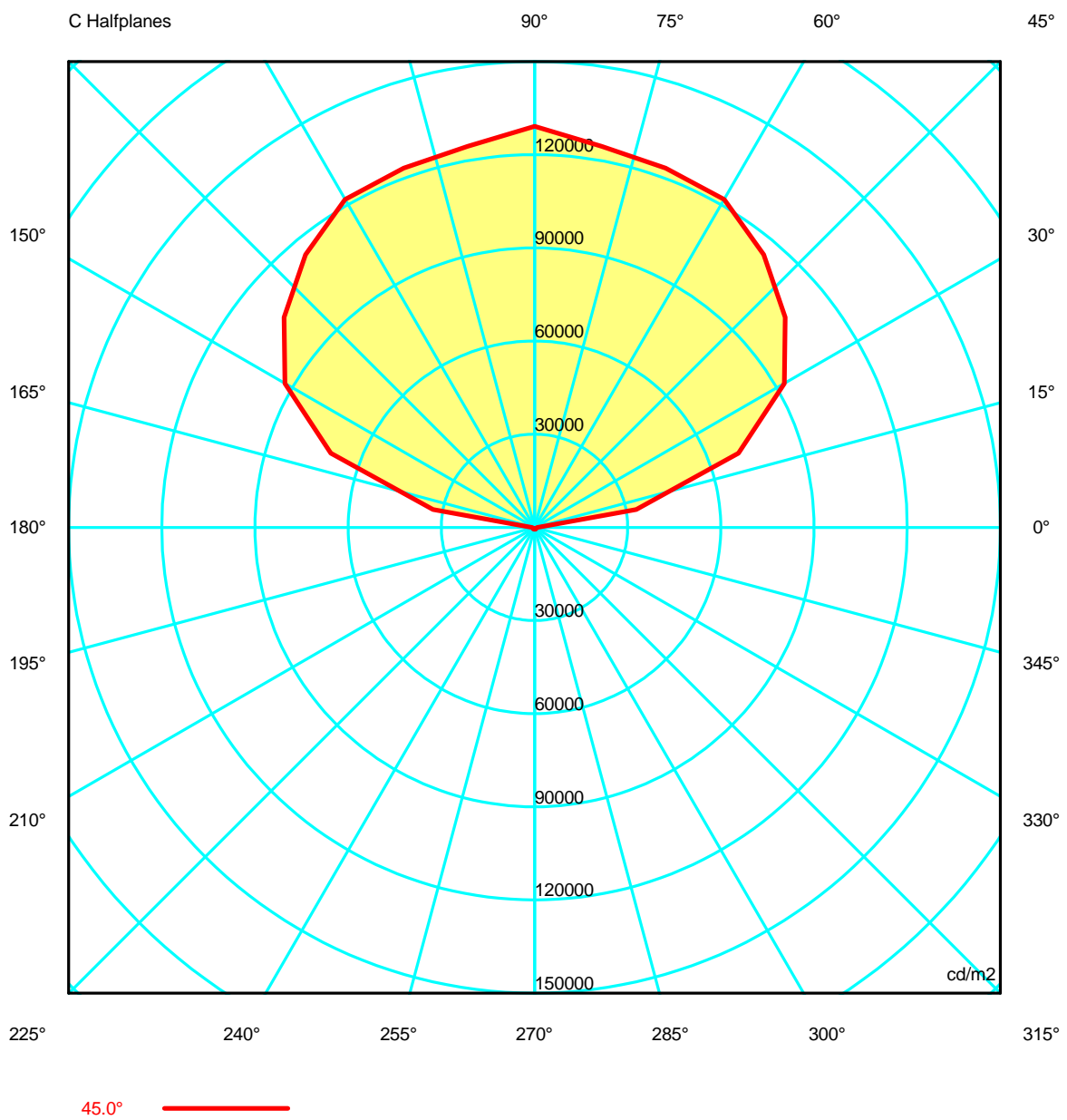
Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90



**Luminaire**  
 Code PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS  
**Measur.**  
 Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

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Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG Sym. on planes 270-90	

Luminance







**Luminaire**

Code PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS

**Measurerm.**

Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**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	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54
G 5.0	680.78	1323.06	1799.16	2109.07	11650.79	9015.03	4446.94	60144.34	79047.61	30534.93	79047.61	60144.34	4446.94
G 10.0	654.70	2071.69	12297.54	47634.84	93597.69	110017.50	111255.24	113187.93	115744.20	113865.78	115744.20	113187.93	111255.24
G 15.0	697.84	7650.01	48569.12	102123.51	108978.13	114106.40	117508.33	120067.07	120684.06	120919.44	120684.06	120067.07	117508.33
G 20.0	717.32	47751.64	87999.66	100244.39	107188.08	114846.18	121447.41	123669.71	124234.83	125125.75	124234.83	123669.71	121447.41
G 25.0	743.74	48197.78	87357.29	98494.44	107818.91	117674.23	124349.33	126045.00	126546.61	127988.70	126546.61	126045.00	124349.33
G 30.0	778.34	46100.54	85488.02	99283.99	109402.64	118919.97	125284.88	126951.28	127884.14	130122.49	127884.14	126951.28	125284.88
G 35.0	787.10	40784.94	79134.29	97024.74	108414.58	118223.41	125291.97	126911.62	127735.66	130221.38	127735.66	126911.62	125291.97
G 40.0	765.15	37459.46	74666.87	94439.23	106668.51	116510.35	123533.76	125191.77	126606.35	130236.92	126606.35	125191.77	123533.76
G 45.0	787.48	33259.10	69807.01	92799.15	105278.22	114726.37	122018.13	123180.30	124594.03	129215.19	124594.03	123180.30	122018.13
G 50.0	811.85	30034.82	65945.89	90650.54	101617.42	109944.67	119950.58	127225.49	132636.69	137574.42	132636.69	127225.49	119950.58
G 55.0	835.41	26345.14	61924.30	87605.12	94349.12	111033.17	122085.70	84968.51	62132.86	78816.56	62132.86	84968.51	122085.70
G 60.0	879.21	24098.98	55518.56	82414.29	97675.08	87702.49	56119.10	24749.00	11757.82	16764.11	11757.82	24749.00	56119.10
G 65.0	970.85	19667.60	52466.30	72465.48	50230.75	23596.96	14276.83	12142.97	12387.74	13175.80	12387.74	12142.97	14276.83
G 70.0	1099.09	14248.07	43968.25	60816.44	27859.27	10927.48	11354.01	10442.04	9545.50	11139.44	9545.50	10442.04	11354.01
G 75.0	1472.04	13016.13	19056.35	14629.49	9965.76	9142.93	9714.18	9477.01	9427.27	10369.69	9427.27	9477.01	9714.18
G 80.0	2025.27	6795.19	8434.10	7812.27	8166.43	9535.45	10515.72	10825.92	11256.48	12119.63	11256.48	10825.92	10515.72
G 85.0	4035.12	6343.84	8966.87	10765.56	12354.04	14276.58	16140.49	17124.64	18249.01	19967.36	18249.01	17124.64	16140.49
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 PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS

**Measur.**

Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**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	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54
G 5.0	9015.03	11650.79	2109.07	1799.16	1323.06	680.78	579.95	538.50	441.28	485.27	489.46	411.87	431.48
G 10.0	110017.50	93597.69	47634.84	12297.54	2071.69	654.70	535.66	456.31	416.63	438.60	432.13	416.63	416.63
G 15.0	114106.40	108978.13	102123.51	48569.12	7650.01	697.84	529.67	435.60	406.47	442.85	456.01	424.77	424.77
G 20.0	114846.18	107188.08	100244.39	87999.66	47751.64	717.32	530.19	423.01	395.76	423.01	436.63	436.63	436.63
G 25.0	117674.23	107818.91	98494.44	87357.29	48197.78	743.74	549.72	442.50	422.08	442.50	452.71	452.71	452.71
G 30.0	118919.97	109402.64	99283.99	85488.02	46100.54	778.34	552.73	439.93	439.93	485.05	496.33	473.77	473.77
G 35.0	118223.41	108414.58	97024.74	79134.29	40784.94	787.10	572.44	465.11	465.11	512.81	524.73	500.88	500.88
G 40.0	116510.35	106668.51	94439.23	74666.87	37459.46	765.15	586.62	497.35	497.35	548.36	561.11	535.61	535.61
G 45.0	114726.37	105278.22	92799.15	69807.01	33259.10	787.48	621.70	538.80	538.80	594.07	607.88	580.25	580.25
G 50.0	109944.67	101617.42	90650.54	65945.89	30034.82	811.85	665.76	592.72	592.72	653.51	668.71	638.31	638.31
G 55.0	111033.17	94349.12	87605.12	61924.30	26345.14	835.41	0.00	681.27	715.33	733.80	733.80	715.33	715.33
G 60.0	87702.49	97675.08	82414.29	55518.56	24098.98	879.21	0.00	776.24	804.75	815.32	801.06	761.98	741.95
G 65.0	23596.96	50230.75	72465.48	52466.30	19667.60	970.85	924.62	901.50	901.50	947.73	1001.89	901.50	881.39
G 70.0	10927.48	27859.27	60816.44	43968.25	14248.07	1099.09	131.48	1119.26	1129.90	1176.39	1171.07	1113.95	1108.11
G 75.0	9142.93	9965.76	14629.49	19056.35	13016.13	1472.04	1472.04	1472.04	1472.04	1547.53	1577.59	1441.20	1520.68
G 80.0	9535.45	8166.43	7812.27	8434.10	6795.19	2025.27	1618.51	2250.30	2362.81	2362.81	2362.81	2362.81	2362.81
G 85.0	14276.58	12354.04	10765.56	8966.87	6343.84	4035.12	4011.48	4597.66	4707.64	4707.64	4707.64	4707.64	4707.64
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 PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS

**Measur.**

Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**Luminance cd/m2 Table 3/3**

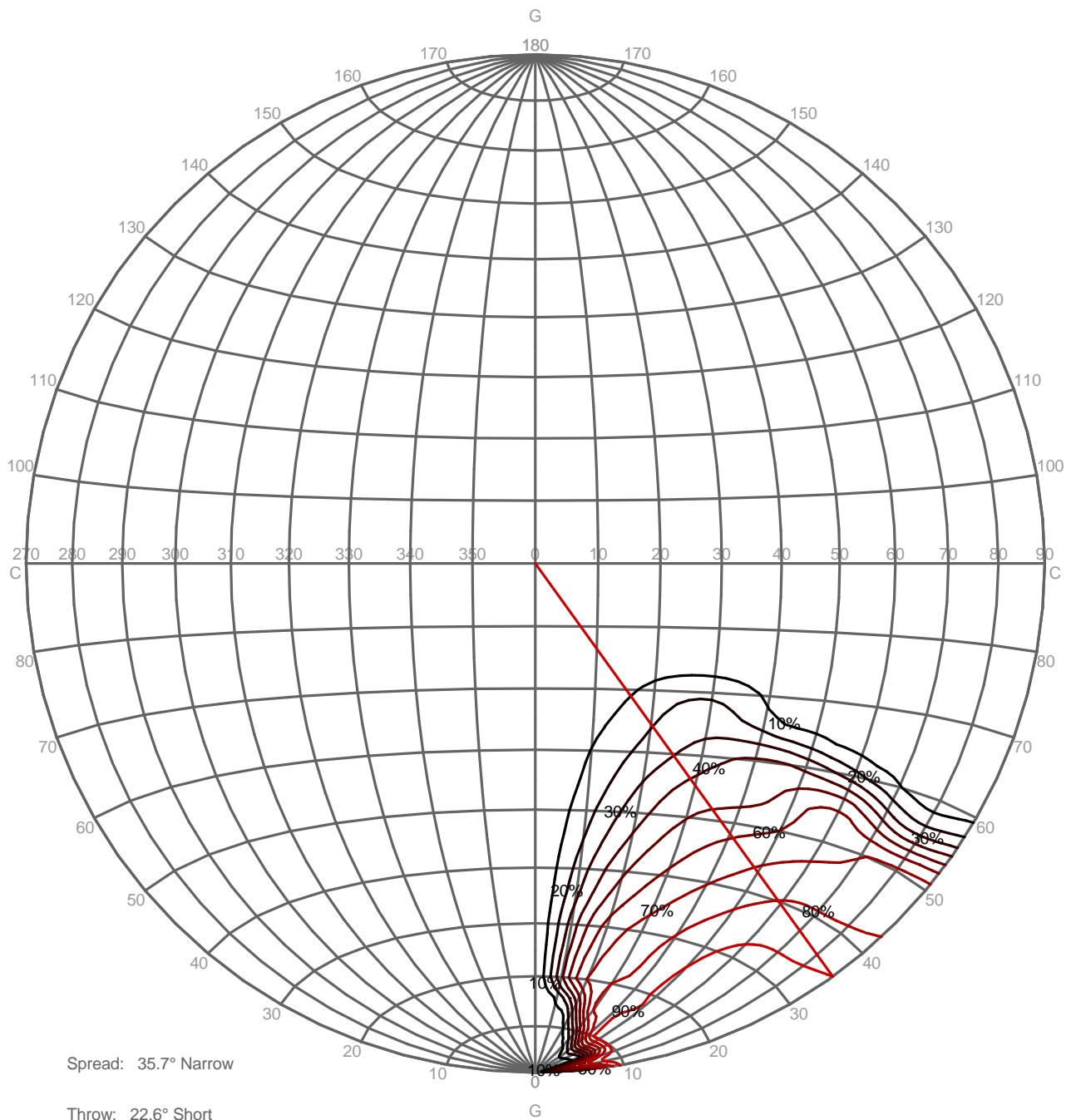
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54	701.54
G 5.0	442.45	411.87	442.45	431.48	411.87	489.46	485.27	441.28	538.50	579.95
G 10.0	416.63	416.63	416.63	416.63	416.63	432.13	438.60	416.63	456.31	535.66
G 15.0	424.77	424.77	424.77	424.77	424.77	456.01	442.85	406.47	435.60	529.67
G 20.0	436.63	436.63	436.63	436.63	436.63	436.63	423.01	395.76	423.01	530.19
G 25.0	452.71	452.71	452.71	452.71	452.71	452.71	442.50	422.08	442.50	549.72
G 30.0	473.77	473.77	473.77	473.77	473.77	496.33	485.05	439.93	439.93	552.73
G 35.0	500.88	500.88	500.88	500.88	500.88	524.73	512.81	465.11	465.11	572.44
G 40.0	535.61	535.61	535.61	535.61	535.61	561.11	548.36	497.35	497.35	586.62
G 45.0	580.25	580.25	580.25	580.25	580.25	607.88	594.07	538.80	538.80	621.70
G 50.0	638.31	638.31	638.31	638.31	638.31	668.71	653.51	592.72	592.72	665.76
G 55.0	715.33	715.33	715.33	715.33	715.33	733.80	733.80	715.33	681.27	0.00
G 60.0	782.73	820.60	782.73	741.95	761.98	801.06	815.32	804.75	776.24	0.00
G 65.0	924.42	970.85	924.42	881.39	901.50	1001.89	947.73	901.50	901.50	924.62
G 70.0	1155.86	1199.63	1155.86	1108.11	1113.95	1171.07	1176.39	1129.90	1119.26	131.48
G 75.0	1585.27	1585.27	1585.27	1520.68	1441.20	1577.59	1547.53	1472.04	1472.04	1472.04
G 80.0	2362.81	2362.81	2362.81	2362.81	2362.81	2362.81	2362.81	2362.81	2250.30	1618.51
G 85.0	4707.64	4707.64	4707.64	4707.64	4707.64	4707.64	4707.64	4707.64	4597.66	4011.48
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 PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS  
**Measur.**  
 Code CL116A17F332G  
 Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG	Sym. on planes 270-90

**PERCENTAGE ISOCANDLES**

Projection: SLI 10.9 Tight Tilting Angle:0°

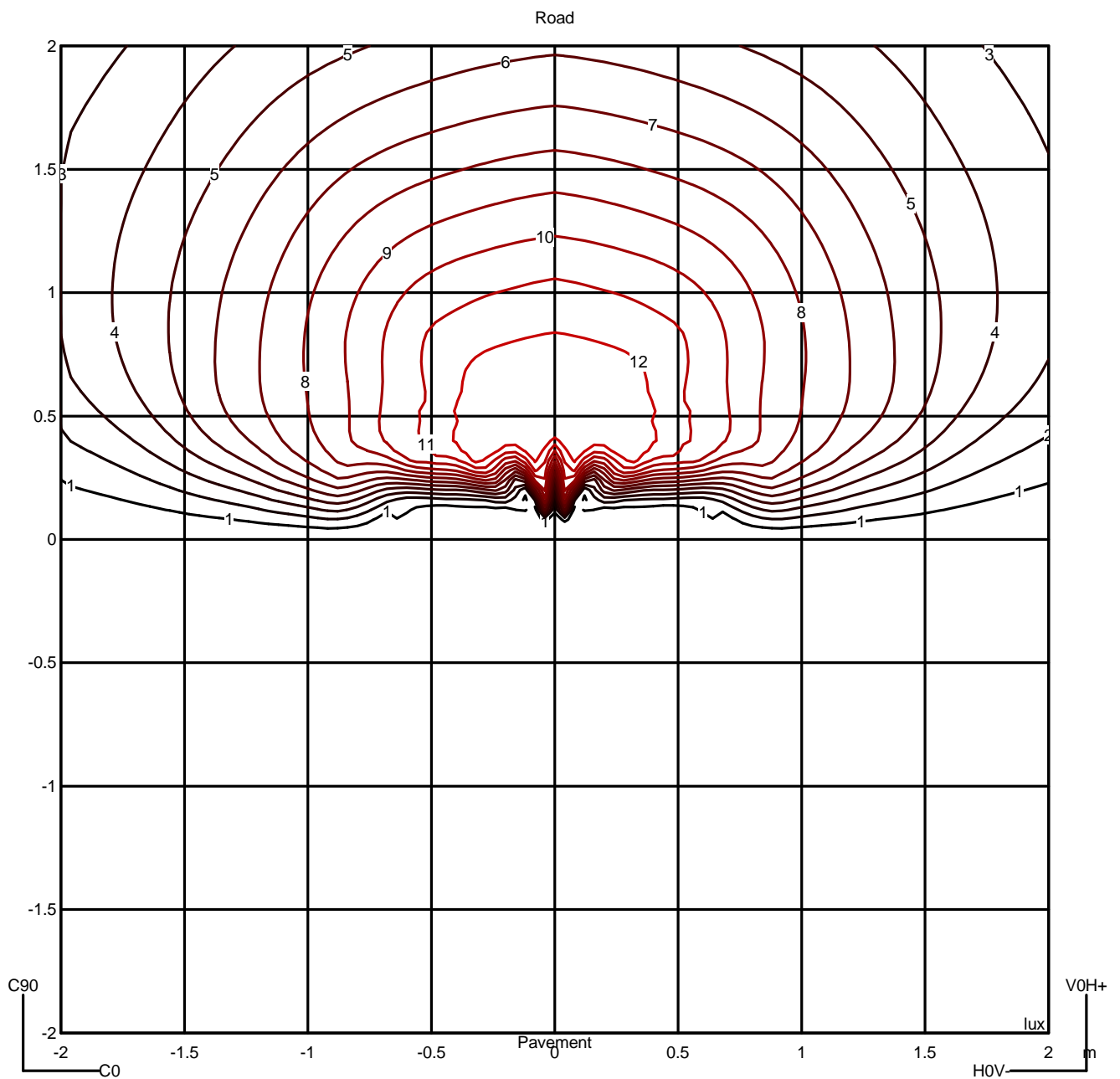


**Luminaire**  
 Code PX-0439-NEG  
 Name APLIQUE FORLIGHT LEDS  
**Measur.**  
 Code CL116A17F332G  
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Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG Sym. on planes 270-90	

Isolux (Floor)

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



**Luminaire**

Code PX-0439-NEG  
Name APLIQUE FORLIGHT LEDS

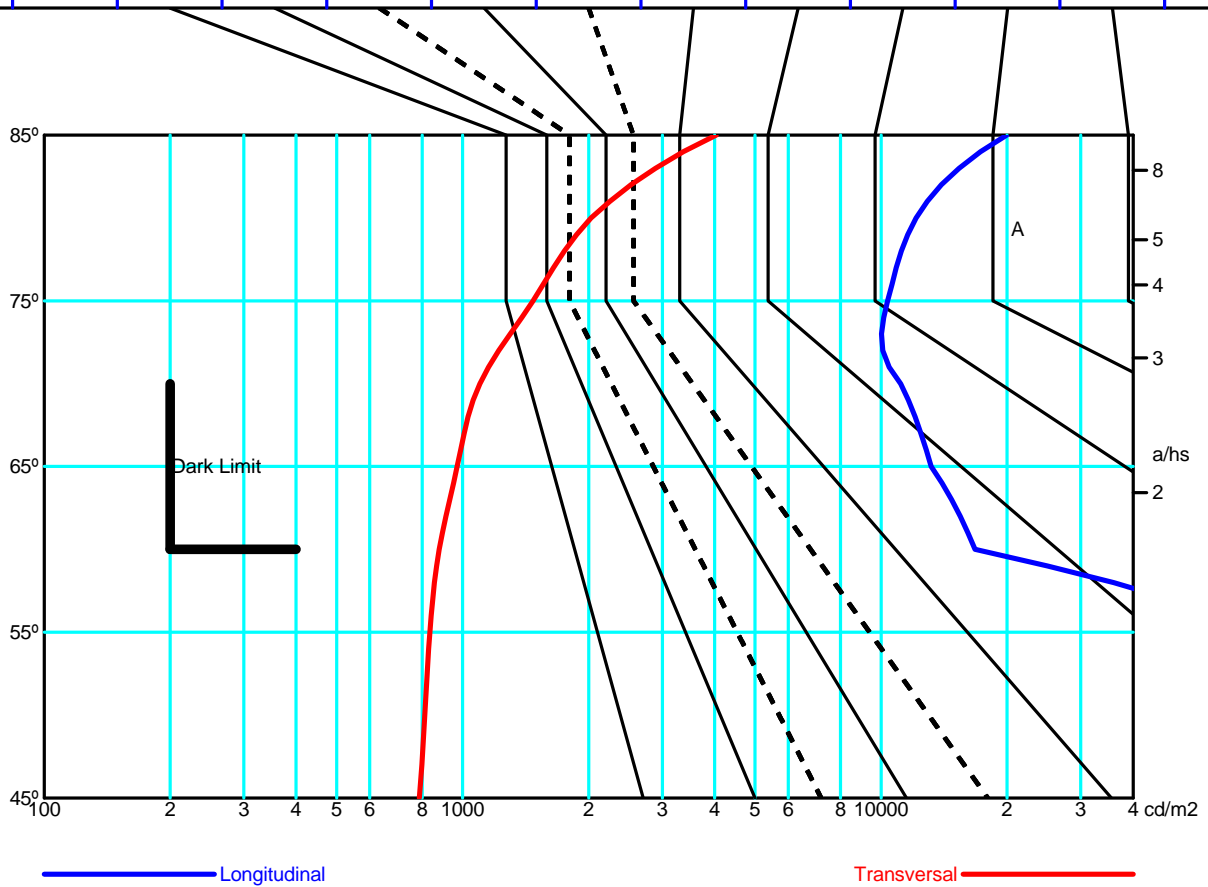
**Measur.**

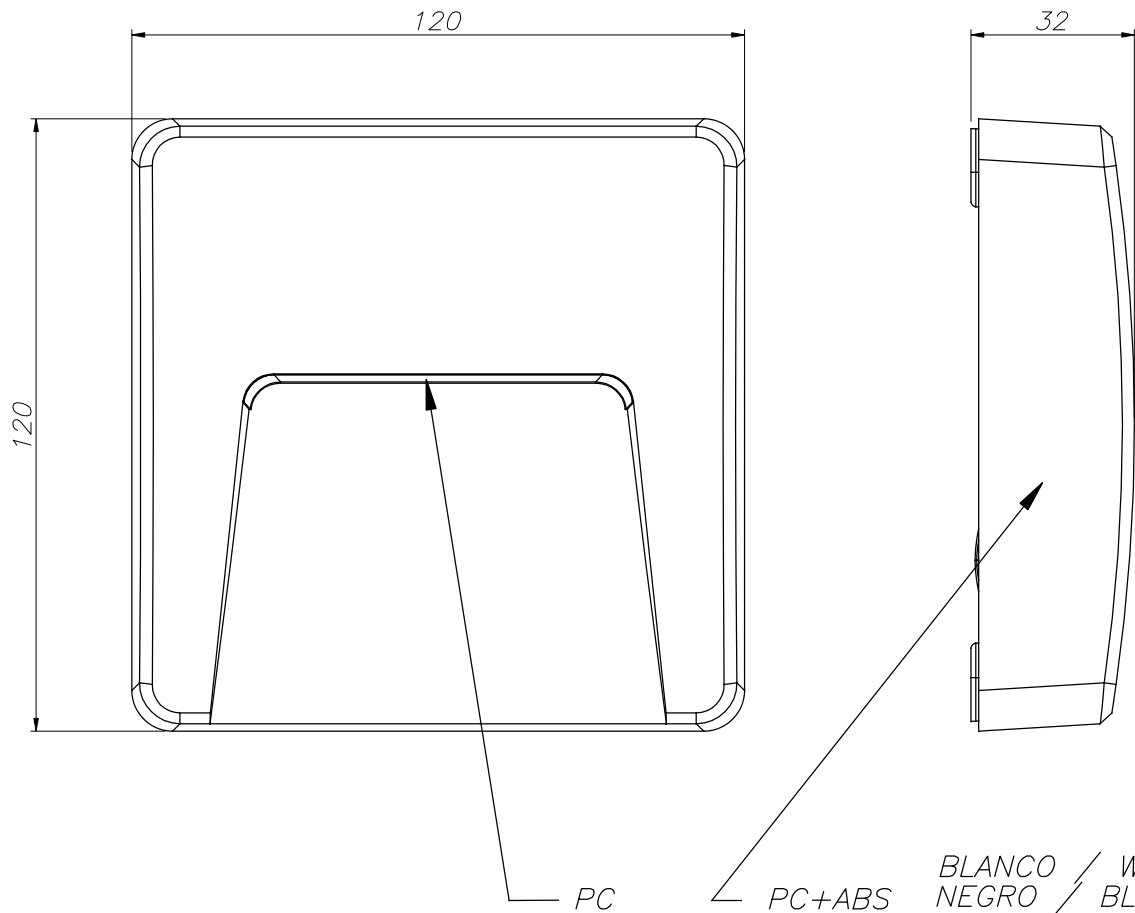
Code CL116A17F332G  
Name APLIQUE FORLIGHT LEDS

Luminaire Flux	89.24 lm	Luminaire Power	2.77 W	Efficacy	32.22 lm/W	Efficiency	100.00%
Lamps Flux	89.24 lm	Maximum value	988.18 cd/klm	Position	C=90.00 G=20.00	CG Sym. on planes	270-90

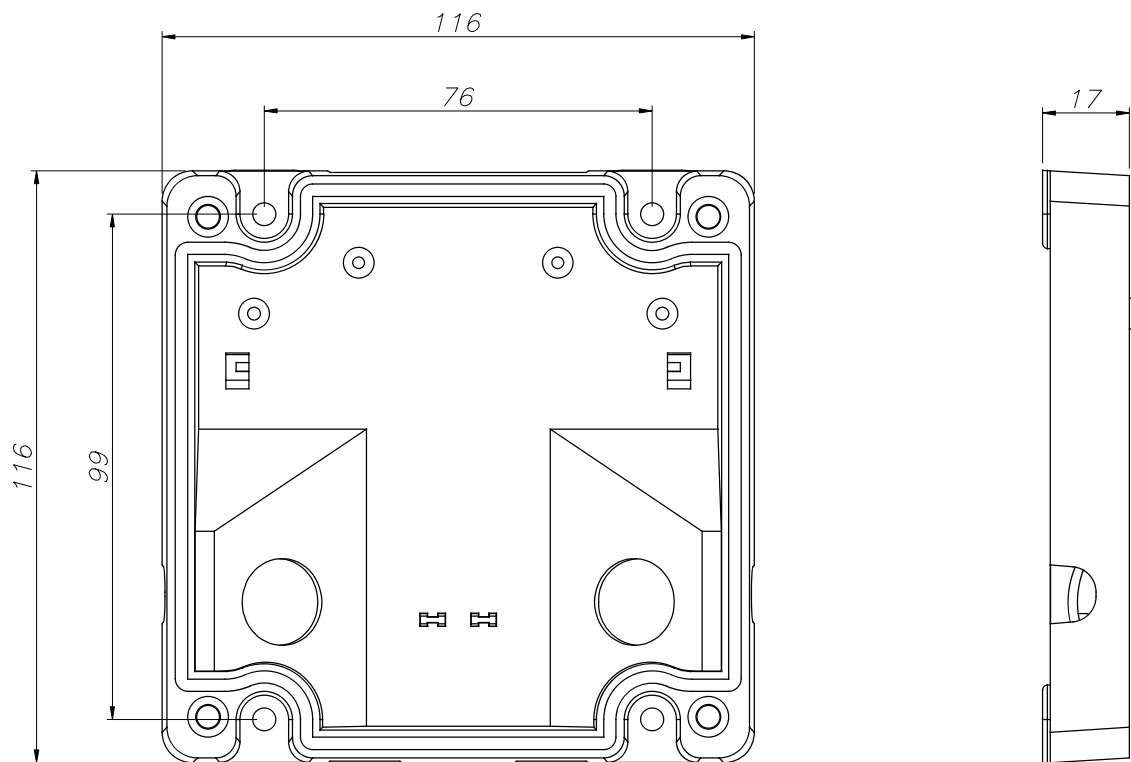
		Average Luminance [cd/m <sup>2</sup> ]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°		787	812	835	879	971	1099	1472	2025	4035	---
90.0°		129215	137574	78817	16764	13176	11139	10370	12120	19967	---

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

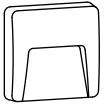




BLANCO / WHITE  
 NEGRO / BLACK  
 GRIS / GREY



PLANTILLA DE INSTALACIÓN  
 INSTALLATION TEMPLATE



Grove  
PX-0439

FOR  
LIGHT

