

Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

Código

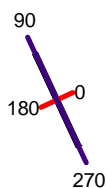
Nombre Colgante 10 Triang. ALG 2700K

Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico
Luminaria Rectangular		Longit.	2057 mm	Anchura	104 mm	Altura	1 mm
Área Luminosa Rectangular		Longit.	2056 mm	Anchura	104 mm	Altura	0 mm
Área Luminosa Horizontal		0.213876 m2		Área Emisión sobre Pl. 180°		0.000000 m2	
Área Emisión sobre Pl. 0°		0.000000 m2		Área Emisión sobre Pl. 270°		0.000000 m2	
Área Emisión sobre Pl. 90°		0.000000 m2		Área de deslumbramiento a 76°		0.051741 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		29-04-1994		Máximo Ángulo Gamma		180	
Distancia de Ensayo		0.00		Flujo de Ensayo		3122.80 lm	
Operador		Asselum T2		Tensión de alimentación [V]			
Temperatura		25.00 °C		Corriente de alimentación [A]			
Humedad		60.00 %		Fotocélula			
Notas							

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
VIBIA-Algorithm	10 led 1050mA 3,1W	CREE XPG BWT(XPG2) 27K CRI80	3122.80	31.00	1
C.I.E.	41 70 89 86 50	D DIN 5040	B31		
F UTE	0.43 G + 0.07 T	B NBN	BZ 5		

2057mm x 104mm



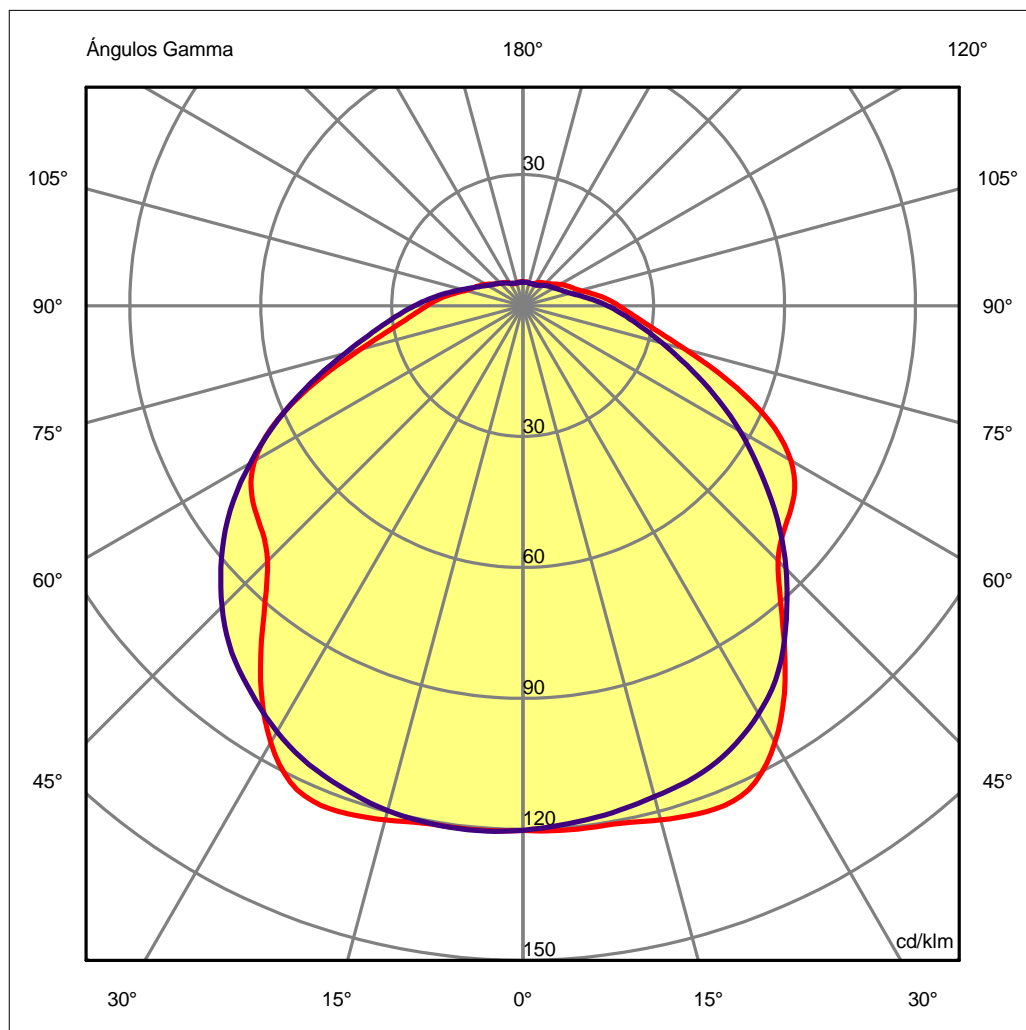
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 6.75 %

DLOR 42.83 %

RN 13.62 %



Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

Código

Nombre Colgante 10 Triang. ALG 2700K

Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
-----------------	------------	--------------------	---------	----------	------------	------------	--------

Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico
------------------	------------	--------------	---------------	----------	----------------	----	------------

Tabla de Intensidad Luminosa cd/klm Tabla 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	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19
G 5.0	120.57	120.34	120.04	119.72	119.40	119.21	119.15	119.20	119.37	119.64	119.97	120.31
G 10.0	120.55	120.28	119.67	119.03	118.46	118.07	117.94	118.07	118.46	119.04	119.67	120.27
G 15.0	121.96	121.25	119.86	118.37	117.31	116.68	116.45	116.68	117.31	118.37	119.86	121.27
G 20.0	123.32	122.13	120.35	118.65	116.64	115.56	115.00	115.56	116.64	118.64	120.34	122.19
G 25.0	122.36	120.85	118.73	116.84	115.22	113.23	112.28	113.23	115.23	116.84	118.70	120.94
G 30.0	115.53	114.28	113.59	112.61	111.50	109.21	108.03	109.20	111.50	112.62	113.55	114.37
G 35.0	104.74	103.57	104.51	105.42	105.37	103.89	102.13	103.89	105.37	105.43	104.47	103.64
G 40.0	92.30	92.15	94.31	96.20	97.14	96.19	93.90	96.19	97.13	96.20	94.29	92.18
G 45.0	82.72	83.14	84.96	86.44	87.02	87.00	85.26	87.00	87.01	86.44	84.97	83.12
G 50.0	78.52	77.98	77.16	76.87	76.62	76.93	76.11	76.93	76.63	76.86	77.18	77.94
G 55.0	75.83	74.02	70.53	67.82	66.85	66.97	66.47	66.97	66.85	67.81	70.55	73.95
G 60.0	70.89	68.15	63.21	59.16	57.49	57.39	57.42	57.39	57.49	59.15	63.24	68.08
G 65.0	62.13	59.12	54.21	50.64	48.93	48.51	48.41	48.51	49.00	50.63	54.24	59.05
G 70.0	49.99	47.80	44.48	42.57	41.37	40.43	40.02	40.49	41.37	42.56	44.49	47.77
G 75.0	38.43	37.33	35.72	35.15	34.76	33.77	33.09	33.77	34.76	35.14	35.73	37.32
G 80.0	30.49	29.79	29.05	28.96	29.15	28.45	27.45	28.45	29.15	28.96	29.05	29.80
G 85.0	25.43	25.19	24.39	24.05	24.62	24.15	23.01	24.15	24.62	24.05	24.38	25.20
G 90.0	21.97	22.25	20.84	20.15	20.80	20.54	19.35	20.54	20.80	20.15	20.83	22.26
G 95.0	19.03	19.60	17.70	17.01	17.69	17.42	16.01	17.42	17.69	17.01	17.70	19.60
G100.0	16.04	16.60	14.98	14.48	15.06	14.73	13.18	14.73	15.06	14.48	14.98	16.60
G105.0	13.52	13.85	12.84	12.42	12.82	12.55	11.16	12.55	12.82	12.42	12.84	13.84
G110.0	12.01	11.85	11.26	10.76	10.99	10.83	9.85	10.83	10.99	10.76	11.26	11.84
G115.0	10.93	10.46	10.00	9.42	9.55	9.49	8.88	9.49	9.55	9.42	9.99	10.46
G120.0	9.77	9.34	8.93	8.36	8.46	8.47	8.17	8.47	8.46	8.36	8.92	9.34
G125.0	8.65	8.43	8.10	7.63	7.61	7.72	7.62	7.72	7.61	7.63	8.10	8.42
G130.0	7.81	7.72	7.52	7.14	6.97	7.17	7.10	7.17	6.98	7.14	7.53	7.72
G135.0	7.27	7.23	7.07	6.70	6.45	6.66	6.58	6.66	6.45	6.69	7.07	7.23
G140.0	6.89	6.82	6.59	6.26	6.05	6.19	6.08	6.19	6.05	6.26	6.58	6.80
G145.0	6.48	6.31	6.08	5.84	5.84	5.86	5.73	5.86	5.84	5.84	6.08	6.31
G150.0	5.96	5.80	5.61	5.53	5.71	5.63	5.55	5.63	5.71	5.53	5.60	5.80
G155.0	5.54	5.42	5.34	5.44	5.56	5.44	5.46	5.44	5.56	5.44	5.33	5.43
G160.0	5.33	5.32	5.29	5.44	5.41	5.35	5.40	5.35	5.41	5.43	5.29	5.32
G165.0	5.40	5.40	5.39	5.39	5.37	5.35	5.36	5.35	5.37	5.39	5.39	5.41
G170.0	5.48	5.48	5.46	5.45	5.43	5.41	5.40	5.41	5.43	5.45	5.46	5.49
G175.0	5.49	5.46	5.43	5.40	5.38	5.37	5.36	5.37	5.38	5.41	5.44	5.47
G180.0	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42

	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	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19	120.19
G 5.0	120.57	120.79	120.86	120.83	120.77	120.73	120.71	120.73	120.78	120.85	120.87	120.78
G 10.0	120.55	120.57	120.50	120.51	120.56	120.54	120.50	120.54	120.56	120.51	120.57	120.61
G 15.0	121.96	121.73	120.75	119.98	119.94	119.91	119.73	119.91	119.94	119.98	120.75	121.72
G 20.0	123.32	123.05	121.86	120.64	118.97	118.38	118.11	118.38	118.97	120.65	121.87	123.00
G 25.0	122.36	122.83	122.05	119.95	118.37	116.49	115.96	116.49	118.37	119.95	122.08	122.74
G 30.0	115.53	117.07	118.40	117.45	116.47	114.17	112.70	114.18	116.46	117.45	118.44	116.85
G 35.0	104.74	106.67	110.09	112.06	112.27	110.43	108.37	110.43	112.27	112.05	110.12	106.60
G 40.0	92.30	94.52	99.58	104.11	105.83	105.56	103.73	105.56	105.83	104.10	99.60	94.50
G 45.0	82.72	84.56	89.50	94.68	97.73	98.72	97.48	98.72	97.73	94.68	89.49	84.59
G 50.0	78.52	79.11	81.53	85.27	88.59	90.57	90.11	90.63	88.59	85.28	81.51	79.16
G 55.0	75.83	75.92	75.59	76.64	79.09	81.46	81.86	81.46	79.08	76.65	75.57	75.98
G 60.0	70.89	71.40	69.64	68.47	69.57	71.38	72.06	71.38	69.57	68.48	69.61	71.47
G 65.0	62.13	63.54	61.66	59.92	60.23	60.99	61.85	60.99	60.23	59.93	61.66	63.60
G 70.0	49.99	52.46	51.75	51.14	50.98	51.09	51.62	51.09	50.97	51.14	51.76	52.49
G 75.0	38.43	40.91	41.54	42.45	42.82	42.43	42.22	42.43	42.82	42.45	41.54	40.91
G 80.0	30.49	31.99	33.08	34.78	35.82	35.40	34.86	35.40	35.82	34.78	33.09	31.98
G 85.0	25.43	26.43	27.24	28.62	30.02	29.95	29.34	29.95	30.02	28.62	27.24	26.42
G 90.0	21.97	23.10	23.19	23.78	25.31	25.51	24.81	25.51	25.31	23.78	23.19	23.09
G 95.0	19.03	20.52	19.85	19.96	21.49	21.68	20.82	21.68	21.49	19.96	19.85	20.52
G100.0	16.04	17.66	16.79	16.87	18.30	18.31	17.23	18.31	18.30	16.87	16.79	17.66
G105.0	13.52	14.72	14.15	14.41	15.52	15.43	14.29	15.43	15.52	14.41	14.14	14.74
G110.0	12.01	12.48	12.18	12.41	13.19	13.07	12.08	13.07	13.19	12.41	12.20	12.48
G115.0	10.93	10.95	10.72	10.73	11.28	11.16	10.49	11.16	11.28	10.72	10.72	10.95
G120.0	9.77	9.75	9.55	9.35	9.73	9.66	9.30	9.66	9.73	9.35	9.56	9.74
G125.0	8.65	8.71	8.57	8.31	8.59	8.60	8.45	8.60	8.59	8.31	8.57	8.71
G130.0	7.81	7.90	7.83	7.59	7.74	7.80	7.83	7.80	7.74	7.59	7.83	7.91
G135.0	7.27	7.35	7.25	7.05	7.10	7.20	7.25	7.20	7.10	7.08	7.25	7.36
G140.0	6.89	6.92	6.75	6.57	6.63	6.75	6.72	6.75	6.63	6.58	6.77	6.93
G145.0	6.48	6.44	6.29	6.14	6.28	6.37	6.28	6.37	6.28	6.14	6.29	6.45
G150.0	5.96	5.92	5.79	5.75	6.07	6.01	5.93	6.01	6.07	5.75	5.80	5.92
G155.0	5.54	5.46	5.36	5.56	5.81	5.69	5.66	5.69	5.81	5.56	5.36	5.46
G160.0	5.33	5.23	5.25	5.48	5.46	5.48	5.50	5.48	5.46	5.48	5.26	5.22
G165.0	5.40	5.37	5.34	5.33	5.34	5.37	5.39	5.37	5.34	5.33	5.34	5.36
G170.0	5.48	5.43	5.41	5.38	5.35	5.32	5.32	5.32	5.35	5.39	5.41	5.42
G175.0	5.49	5.50	5.50	5.48	5.45	5.43	5.42	5.43	5.45	5.47	5.49	5.49
G180.0	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42

Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

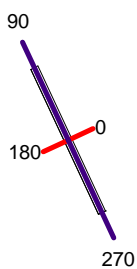
Código

Nombre Colgante 10 Triang. ALG 2700K

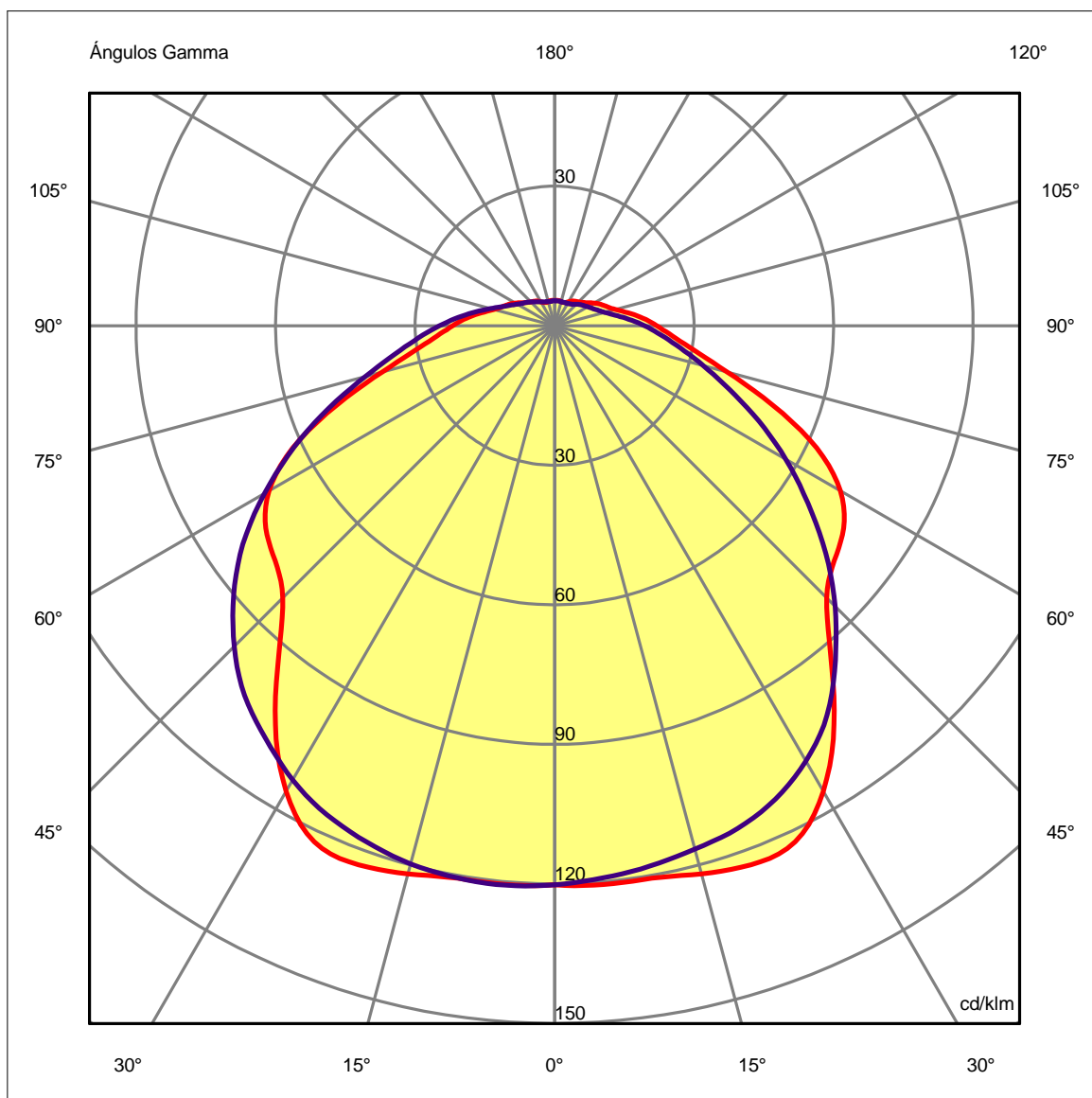
Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico

2057mm x 104mm

Semiplanos C



180.0 ——— 0.0
270.0 ——— 90.0



Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

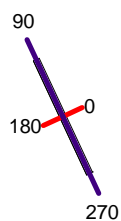
Ensayo

Código

Nombre Colgante 10 Triang. ALG 2700K

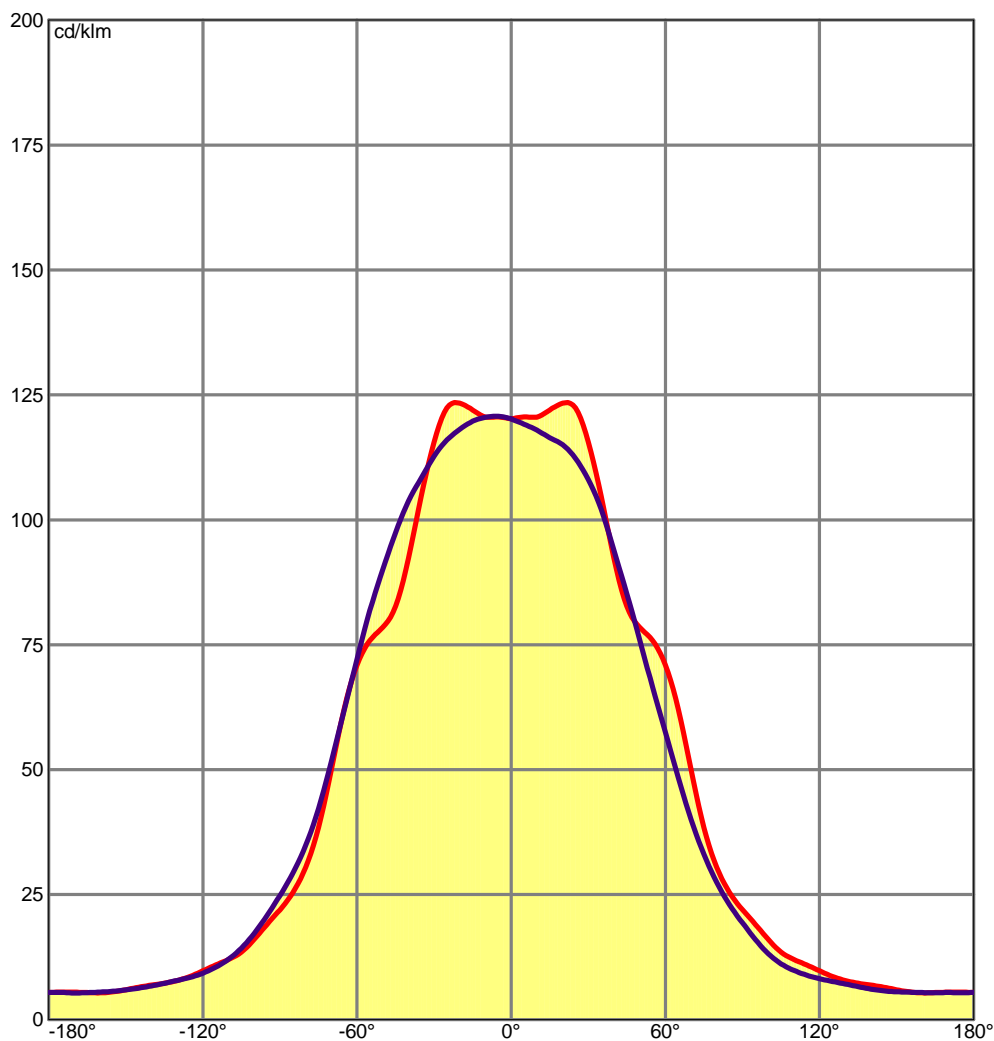
Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico

2057mm x 104mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0



Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

Código

Nombre Colgante 10 Triang. ALG 2700K

Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico

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	13.9	15.2	14.4	15.6	16.5	14.3	15.6	14.8	16.0	16.5
x=2H y=3H	16.1	17.3	16.6	17.7	18.5	16.4	17.5	16.9	18.0	18.5
x=2H y=4H	17.1	18.1	17.6	18.6	19.5	17.4	18.4	17.9	19.0	19.5
x=2H y=6H	18.0	19.0	18.6	19.5	20.6	18.5	19.5	19.0	20.0	20.6
x=2H y=8H	18.5	19.5	19.1	20.0	21.2	19.1	20.0	19.6	20.6	21.2
x=2H y=12H	19.1	20.1	19.7	20.6	21.9	19.8	20.7	20.4	21.2	21.9
x=4H y=2H	14.7	15.8	15.3	16.3	17.2	15.1	16.2	15.7	16.7	17.2
x=4H y=3H	17.1	18.0	17.6	18.5	19.5	17.4	18.3	17.9	18.8	19.5
x=4H y=4H	18.2	19.0	18.8	19.6	20.6	18.6	19.4	19.2	20.0	20.6
x=4H y=6H	19.3	20.0	19.9	20.6	21.9	19.9	20.6	20.5	21.2	21.9
x=4H y=8H	20.0	20.6	20.6	21.2	22.6	20.6	21.3	21.2	21.9	22.6
x=4H y=12H	20.7	21.3	21.4	21.9	23.4	21.4	22.0	22.1	22.7	23.4
x=8H y=4H	18.7	19.4	19.3	20.0	21.1	19.1	19.8	19.7	20.4	21.1
x=8H y=6H	20.1	20.6	20.7	21.3	22.6	20.7	21.2	21.3	21.9	22.6
x=8H y=8H	20.9	21.4	21.5	22.0	23.5	21.6	22.1	22.2	22.7	23.5
x=8H y=12H	21.8	22.3	22.5	22.9	24.5	22.6	23.0	23.3	23.7	24.5
x=12H y=4H	18.8	19.4	19.5	20.0	21.2	19.2	19.8	19.9	20.5	21.2
x=12H y=6H	20.3	20.8	21.0	21.4	22.8	20.9	21.4	21.5	22.0	22.8
x=12H y=8H	21.2	21.6	21.9	22.3	23.8	21.9	22.3	22.5	23.0	23.8

Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

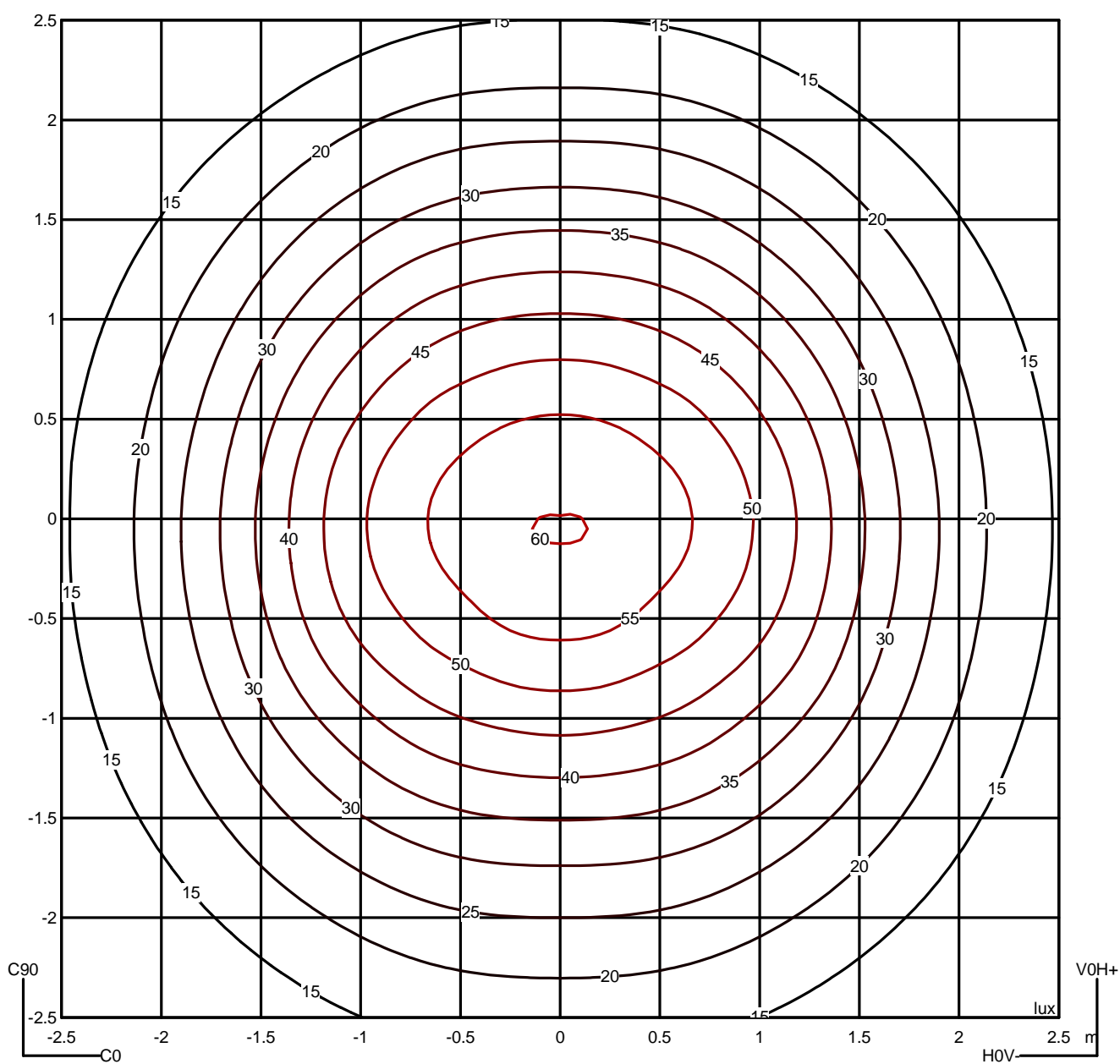
Código

Nombre Colgante 10 Triang. ALG 2700K

Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria

Código 0835

Nombre Colgante 10 Lineal ALG 2700K

Ensayo

Código

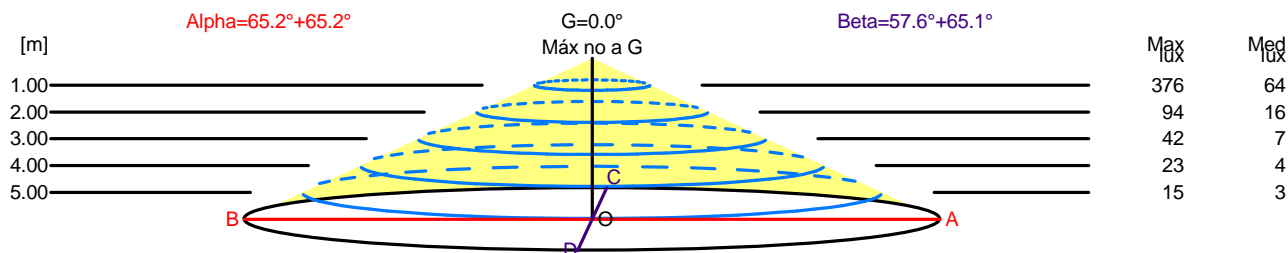
Nombre Colgante 10 Triang. ALG 2700K

Flujo Luminaria	1548.32 lm	Potencia luminaria	31.00 W	Eficacia	49.95 lm/W	Eficiencia	49.58%
Flujo de Lámpara	3122.80 lm	Valor Máximo	123.32 cd/klm	Posición	C=0.00 G=20.00	CG	Asimétrico

Apertura a 50.00 % de Max Intensidad

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	2.16	4.32	6.49	8.65	10.81	OC	1.58	3.15	4.73	6.30	7.88
OB	2.16	4.32	6.49	8.65	10.81	OD	2.15	4.30	6.45	8.60	10.75

	0	5	15	25	35	45	55	65	75	85
OA	375.32	376.50	380.85	382.12	327.08	258.33	236.81	194.02	120.01	79.42
OB	375.32	376.50	380.85	382.12	327.08	258.33	236.81	194.02	120.01	79.42
OC	375.32	372.07	363.65	350.62	318.94	266.25	207.57	151.18	103.33	71.84
OD	375.32	376.97	373.89	362.11	338.42	304.41	255.65	193.15	131.84	91.61



H[m]	D[m]	Max lux	Med lux	Alpha=65.2°+65.2°	G=0.0 Máx no a G
1.00	4.32	376	64		
2.00	8.65	94	16		
3.00	12.97	42	7		
4.00	17.30	23	4		
5.00	21.62	15	3		

H[m]	D[m]	Max lux	Med lux	Beta=65.1°+57.6°	G=0.0 Máx no a G
1.00	3.73	376	64		
2.00	7.45	94	16		
3.00	11.18	42	7		
4.00	14.90	23	4		
5.00	18.63	15	3		