



DE-0224-CRO

V0

BALLET Pendant



Description

Pendant IP20 BALLET GU10 7W Chrome 352lm

	Finish	Material
Structure	Chrome	Steel

 IP20  EXTRA MEDIUM  4

TECHNICAL CHARACTERISTICS

Light source

Lampholder: 3 x GU10
Output (W): MAX 7W
Lamp maximum dimension: 54/50 mm
Real Lumen: 352
Quantity: 3
Lm/Real W: 50
UGR: 15.7
Recommended lamp: GU10

GEAR

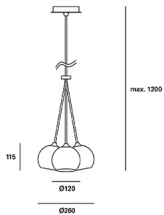
Voltage / Frequency:
100-240VAC/50-60Hz

Luminaire

Warranty: 2 Years

Logistics

Energy Efficiency: NO BULB
EAN Code: 8435381452773
Net Weight (Kg): 1.18
Weight in Kg (packaged): 1.71
Packing: 270 x 150 x 270
Masterbox: 4



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

Luminaria

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

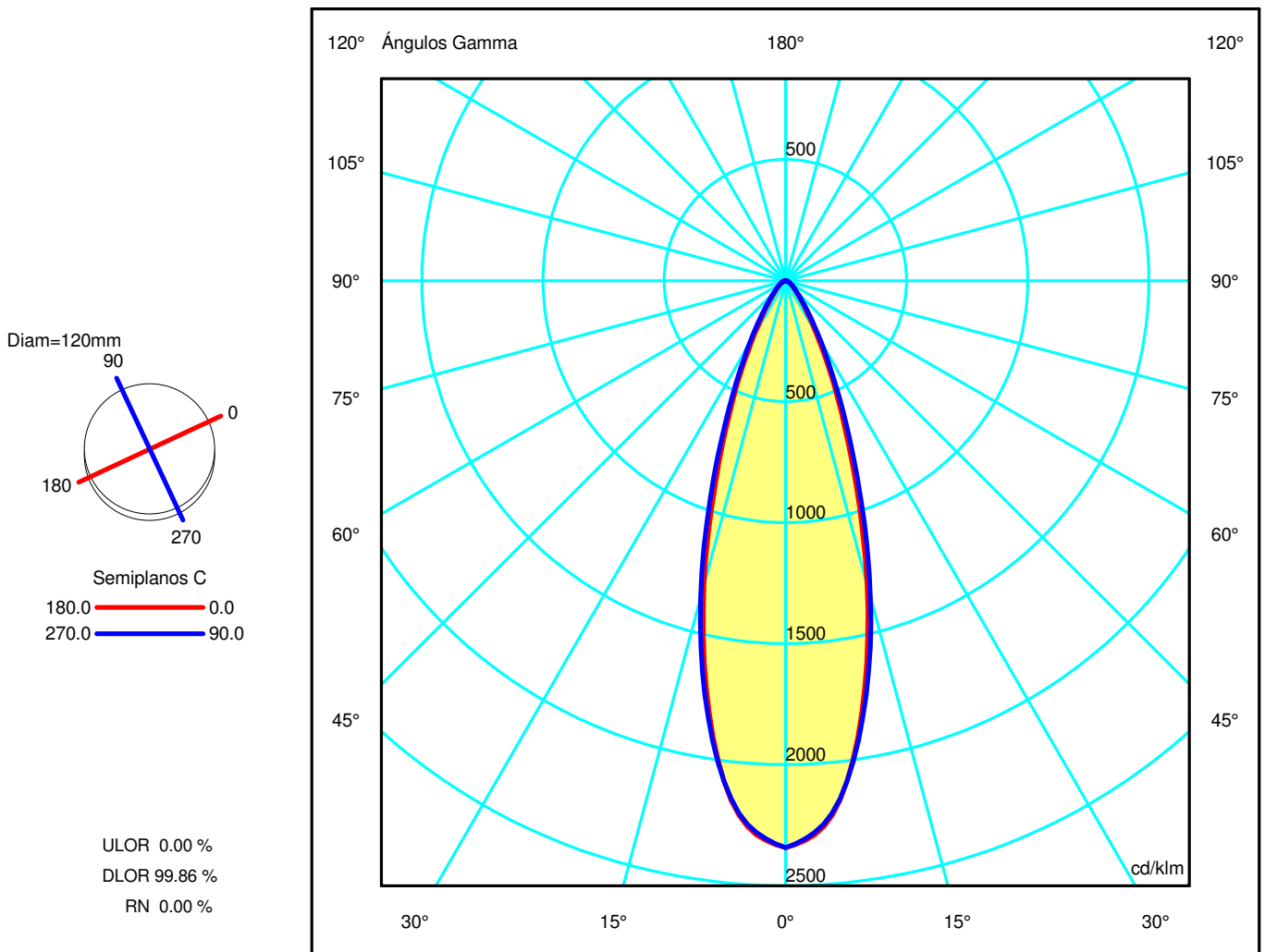
Ensayo

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	120 mm	Altura	100 mm		
Área Luminosa Redonda		Diam.	50 mm	Altura	0 mm		
Área Luminosa Horizontal	0.001963 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°	0.000475 m2		
Sist. de Coordinen.	CG			Tipo de Simetría	Bisimétrico		
Fecha	13-09-2016			Máximo Ángulo Gamma	90		
Distancia de Ensayo	0.00			Flujo de Ensayo	352.00 lm		
Operador	Asselum T3			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.
	LED STAR 5W GU10	LED STAR 5W GU10	352.00	5.00	1
C.I.E.	91 97 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		



Luminaria

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Ensayo

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Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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
G 0.0	2342.41	2342.41	2342.41	2342.41	2342.41	2342.41	2342.41
G 5.0	2216.45	2206.36	2205.70	2202.94	2199.58	2204.41	2207.39
G 10.0	1812.40	1814.64	1815.75	1830.24	1835.40	1845.67	1835.20
G 15.0	1299.39	1285.32	1282.80	1298.74	1310.86	1348.08	1354.53
G 20.0	804.47	801.23	784.88	814.21	847.02	880.63	865.38
G 25.0	469.15	461.35	447.53	467.61	492.32	518.16	512.08
G 30.0	252.10	252.02	245.73	261.13	279.25	296.06	293.04
G 35.0	143.12	142.59	142.10	151.08	158.96	170.19	168.81
G 40.0	84.37	85.03	86.27	91.00	94.23	101.66	101.73
G 45.0	55.53	56.06	56.72	59.81	62.55	65.99	66.37
G 50.0	40.91	41.11	41.34	43.03	44.78	46.75	46.83
G 55.0	29.16	29.17	29.61	30.53	31.12	31.91	32.32
G 60.0	21.64	22.07	21.99	22.49	22.70	23.06	23.37
G 65.0	17.14	17.30	17.07	17.32	17.78	17.74	17.55
G 70.0	12.42	12.55	12.11	12.37	12.62	12.75	12.62
G 75.0	6.26	6.42	6.38	6.57	6.47	6.60	6.44
G 80.0	1.39	1.40	1.38	1.50	1.54	1.55	1.52
G 85.0	1.19	1.17	1.19	1.21	1.28	1.35	1.40
G 90.0	1.40	1.39	1.40	1.44	1.52	1.62	1.67

Luminaria

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Ensayo

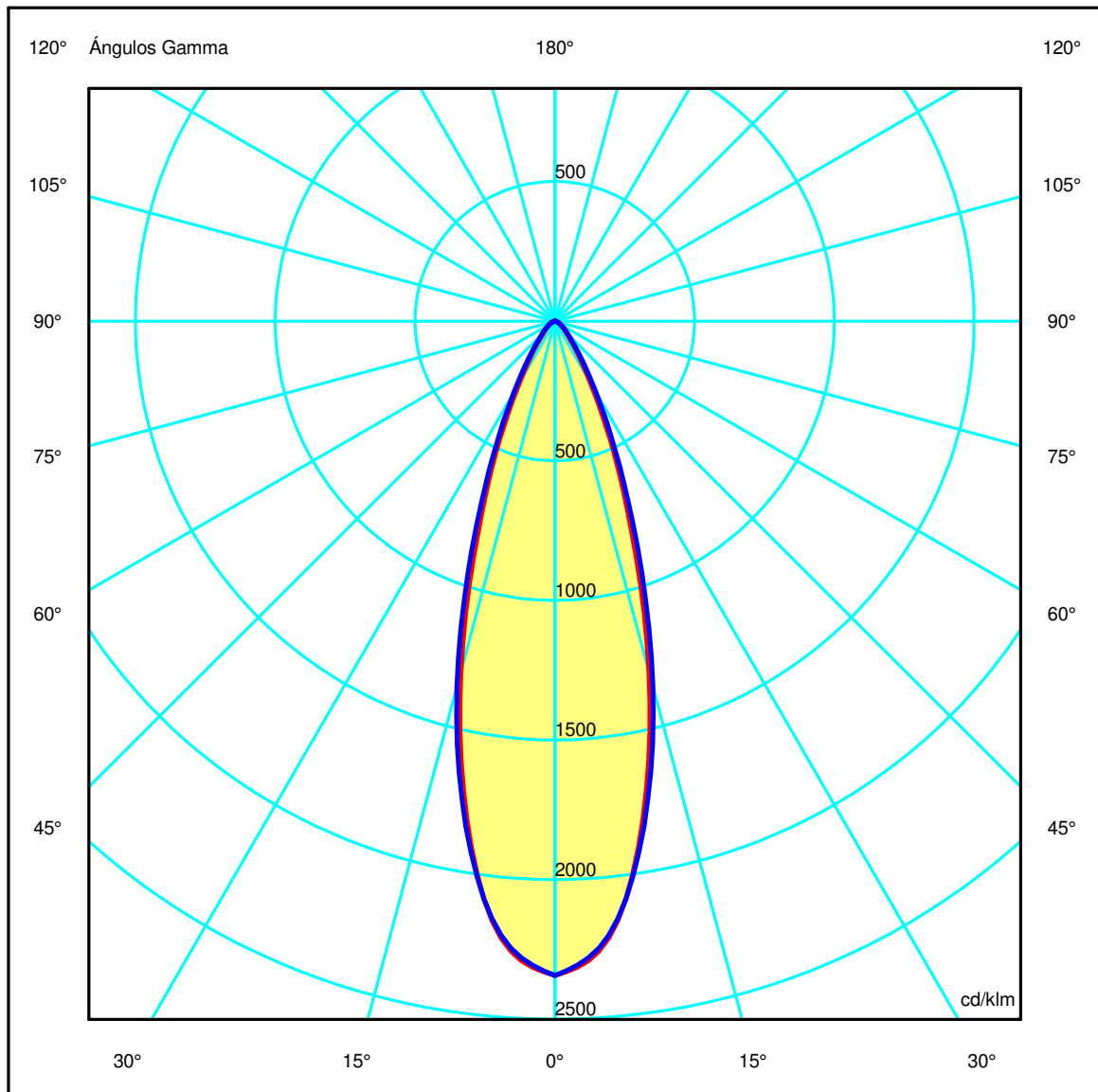
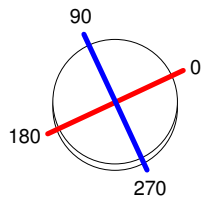
Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=120mm

Semiplanos C

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaria

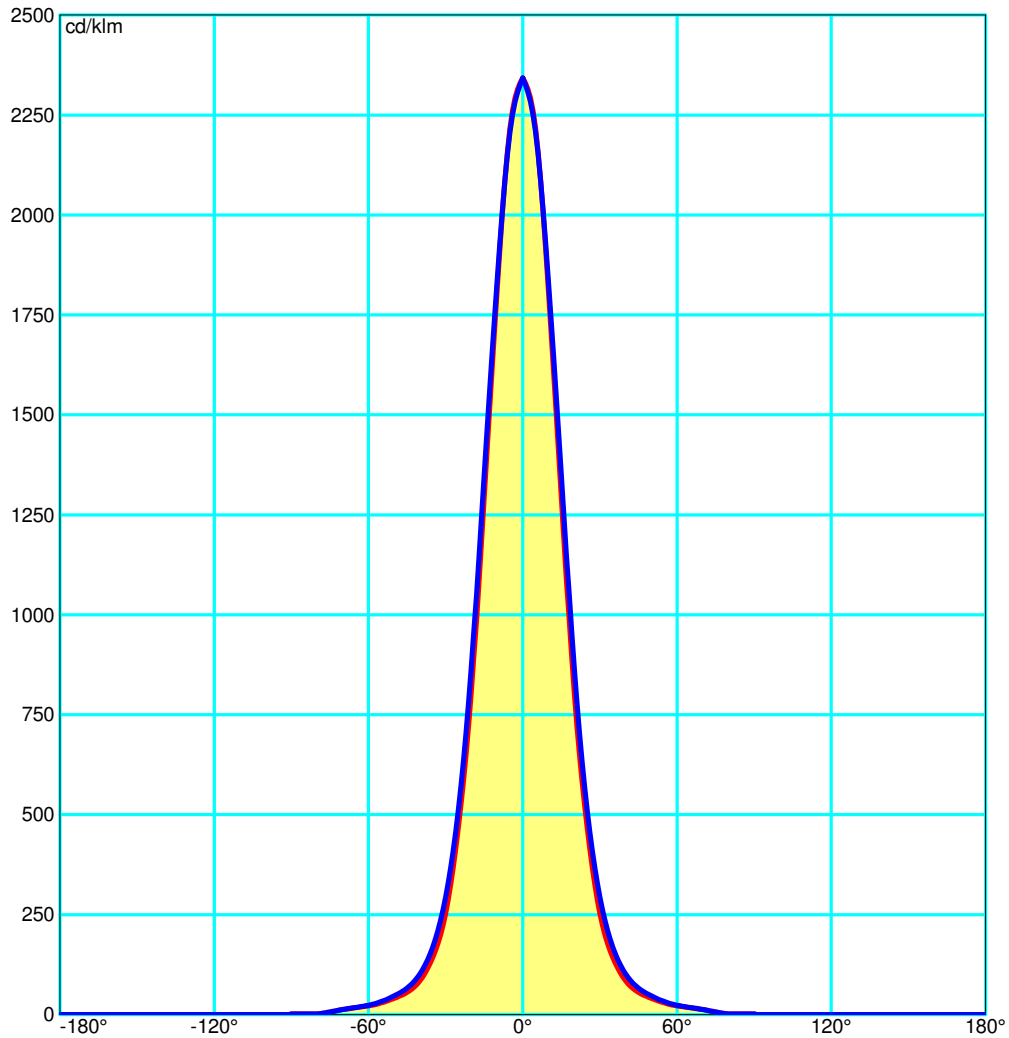
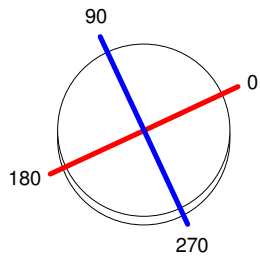
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Luminaria

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Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

UGR
S = 0.250

Reflectancias										
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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	15.7	16.4	15.9	16.6	16.8	16.4	17.1	16.7	17.3	17.5
x=2H y=3H	16.4	17.1	16.7	17.3	17.6	17.0	17.7	17.3	17.9	18.2
x=2H y=4H	16.6	17.3	16.9	17.5	17.8	17.2	17.8	17.5	18.1	18.3
x=2H y=6H	16.6	17.2	16.9	17.5	17.8	17.2	17.8	17.5	18.1	18.3
x=2H y=8H	16.6	17.2	16.9	17.4	17.8	17.2	17.7	17.5	18.0	18.3
x=2H y=12H	16.6	17.1	16.9	17.4	17.7	17.2	17.7	17.5	18.0	18.3
x=4H y=2H	16.0	16.7	16.3	16.9	17.2	16.6	17.3	17.0	17.5	17.8
x=4H y=3H	16.9	17.5	17.3	17.8	18.1	17.4	18.0	17.8	18.3	18.6
x=4H y=4H	17.2	17.6	17.6	18.0	18.3	17.7	18.1	18.0	18.5	18.8
x=4H y=6H	17.2	17.6	17.6	17.9	18.3	17.7	18.1	18.1	18.4	18.8
x=4H y=8H	17.2	17.5	17.6	17.9	18.3	17.7	18.0	18.1	18.4	18.8
x=4H y=12H	17.2	17.5	17.6	17.9	18.3	17.7	18.0	18.1	18.4	18.8
x=8H y=4H	17.3	17.6	17.7	18.0	18.4	17.7	18.1	18.1	18.4	18.8
x=8H y=6H	17.3	17.5	17.7	17.9	18.4	17.7	18.0	18.2	18.4	18.8
x=8H y=8H	17.3	17.5	17.7	17.9	18.4	17.7	17.9	18.2	18.4	18.9
x=8H y=12H	17.3	17.4	17.7	17.9	18.4	17.7	17.9	18.2	18.4	18.9
x=12H y=4H	17.2	17.5	17.6	17.9	18.3	17.7	18.0	18.1	18.4	18.8
x=12H y=6H	17.2	17.5	17.7	17.9	18.4	17.7	17.9	18.1	18.4	18.8
x=12H y=8H	17.2	17.4	17.7	17.9	18.4	17.7	17.9	18.2	18.3	18.8

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Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=352.00 Flujo Luminaria=351.52

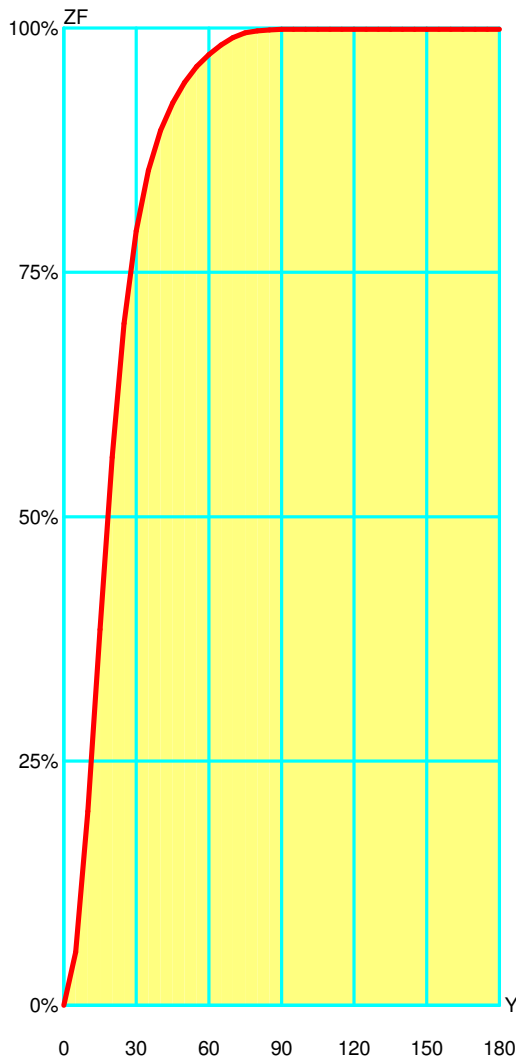
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.66	0.72	0.77	0.81	0.84	0.89	0.92	0.95	0.97	0.98	1.00	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	199	561	792	895	944	973	990	997	999	999	999	999	999	999	999	999	999	999

 Códigos de Flujo C.I.E.
 91 97 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	99.86493 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	99.86493 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	54.36	54.36	5.44 %	5.44 %
10°	144.26	198.63	14.45 %	19.89 %
15°	186.05	384.68	18.63 %	38.52 %
20°	176.03	560.71	17.63 %	56.15 %
25°	137.05	697.76	13.72 %	69.87 %
30°	94.58	792.34	9.47 %	79.34 %
35°	62.04	854.38	6.21 %	85.55 %
40°	40.94	895.32	4.10 %	89.65 %
45°	28.18	923.50	2.82 %	92.47 %
50°	20.98	944.48	2.10 %	94.58 %
55°	16.09	960.57	1.61 %	96.19 %
60°	12.25	972.82	1.23 %	97.41 %
65°	9.70	982.51	0.97 %	98.38 %
70°	7.57	990.09	0.76 %	99.14 %
75°	4.95	995.04	0.50 %	99.64 %
80°	2.12	997.16	0.21 %	99.85 %
85°	0.74	997.90	0.07 %	99.93 %
90°	0.75	998.65	0.07 %	100.00 %
95°	0.00	998.65	0.00 %	100.00 %
100°	0.00	998.65	0.00 %	100.00 %
105°	0.00	998.65	0.00 %	100.00 %
110°	0.00	998.65	0.00 %	100.00 %
115°	0.00	998.65	0.00 %	100.00 %
120°	0.00	998.65	0.00 %	100.00 %
125°	0.00	998.65	0.00 %	100.00 %
130°	0.00	998.65	0.00 %	100.00 %
135°	0.00	998.65	0.00 %	100.00 %
140°	0.00	998.65	0.00 %	100.00 %
145°	0.00	998.65	0.00 %	100.00 %
150°	0.00	998.65	0.00 %	100.00 %
155°	0.00	998.65	0.00 %	100.00 %
160°	0.00	998.65	0.00 %	100.00 %
165°	0.00	998.65	0.00 %	100.00 %
170°	0.00	998.65	0.00 %	100.00 %
175°	0.00	998.65	0.00 %	100.00 %
180°	0.00	998.65	0.00 %	100.00 %



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Utilización CIE

Montaje	Directo	Normalización																Normalizados	Raz. de Susp. 1/3			CIE Estándar						
Techo																												
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000					
0.60	170	152	103	93	145	89	96	82	56	48	34	25	18	12	45	27	24	14	11	23	12	10	0					
0.80	203	186	111	103	177	98	126	110	66	58	43	34	25	18	54	35	32	21	17	30	18	16	0					
1.00	226	210	112	105	200	101	149	133	71	64	49	40	32	24	60	42	38	27	23	36	24	21	0					
1.25	248	234	113	107	222	103	174	158	76	70	56	47	39	31	66	48	45	34	30	43	31	28	0					
1.50	265	252	113	108	240	104	195	179	80	74	61	53	46	38	70	54	51	41	36	48	37	33	0					
2.00	287	276	109	105	263	102	225	211	84	79	68	61	56	48	75	62	59	51	46	56	46	43	0					
2.50	303	293	106	103	280	100	247	234	86	82	74	67	63	56	78	67	65	58	54	62	54	50	0					
3.00	313	305	103	101	291	98	263	251	87	84	77	72	69	62	80	71	69	64	60	66	60	56	0					
4.00	330	323	102	100	309	98	287	276	90	87	83	79	77	71	84	78	76	72	69	73	68	65	0					
5.00	340	334	101	100	320	98	302	293	92	90	87	83	82	77	87	82	80	78	75	78	74	70	0					
10.00	363	360	101	100	345	98	337	332	97	96	96	93	94	91	93	92	91	91	89	88	87	84	0					
20.00	376	374	101	101	360	99	357	354	100	99	100	99	101	99	97	97	97	98	97	95	95	93	0					
Pared																												
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000					
0.60	308	299	224	219	294	216	231	225	174	171	146	143	126	124	169	143	142	125	124	142	124	123	101					
0.80	344	333	239	234	326	230	265	257	192	188	165	161	144	142	185	161	160	142	141	158	141	140	114					
1.00	361	350	238	234	341	230	284	275	196	192	171	167	152	148	188	167	165	149	147	163	147	146	116					
1.25	378	368	238	235	356	230	304	294	201	197	178	174	160	156	192	173	171	157	155	169	154	152	119					
1.50	390	380	237	234	366	229	318	308	203	199	183	178	166	161	194	176	175	162	159	171	158	155	121					
2.00	392	383	219	216	367	211	327	316	192	188	176	171	162	157	182	168	167	157	154	162	152	148	110					
2.50	387	379	200	198	361	192	327	317	178	175	165	160	154	149	168	157	155	147	145	150	142	137	96					
3.00	377	371	180	178	350	173	321	312	161	159	151	147	142	137	151	143	141	135	132	135	129	123	80					
4.00	372	366	161	160	344	155	321	313	146	144	139	135	132	128	136	130	128	124	121	122	117	110	65					
5.00	365	360	146	145	336	139	317	310	133	131	127	124	122	118	122	117	116	113	111	109	105	98	51					
10.00	312	309	74	73	281	68	272	268	66	65	64	62	63	60	55	54	53	52	51	44	43	34	0					
20.00	206	205	0	0	175	0	172	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
P.Trab.																												
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000					
0.60	857	847	800	794	841	791	765	759	737	733	701	697	674	672	731	697	696	673	672	695	672	671	662					
0.80	928	917	855	849	907	844	832	823	793	789	757	753	730	727	785	752	751	727	726	749	726	724	714					
1.00	989	977	901	895	964	889	893	882	844	839	810	805	784	780	834	804	802	781	778	799	778	776	766					
1.25	1000	1000	937	932	1000	925	945	933	885	880	854	848	829	824	873	846	844	824	821	840	820	817	808					
1.50	1000	1000	962	958	1000	950	985	972	915	910	886	880	863	857	901	877	874	856	853	869	851	847	838					
2.00	1000	1000	1000	997	1000	988	1000	1000	961	957	939	932	920	913	946	927	925	911	907	918	903	897	889					
2.50	1000	1000	1000	1000	1000	1000	1000	1000	991	987	973	966	957	950	975	960	957	947	943	949	937	930	922					
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	991	984	977	995	983	980	972	968	971	962	953	945					
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	994	991	985	974	966					
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	986	978					
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000					
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000					

LM53 SHR C0-C180: 0.527 SHR C90-C270: 0.545 SHR Superficial: 0.551

Luminaria

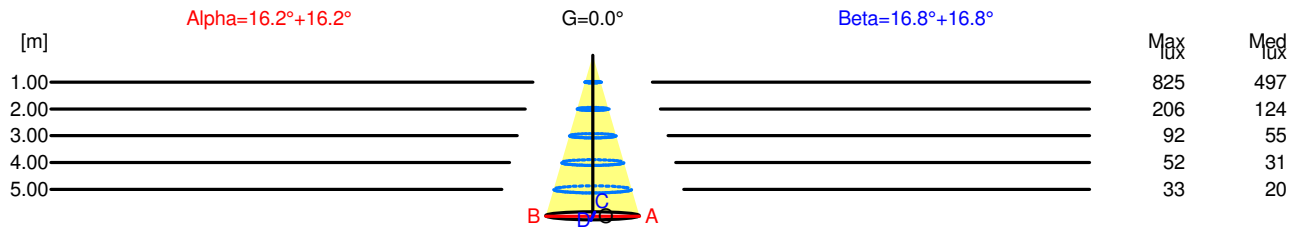
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Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	0.29	0.58	0.87	1.16	1.45	OC	0.30	0.60	0.91	1.21	1.51
OB	0.29	0.58	0.87	1.16	1.45	OD	0.30	0.60	0.91	1.21	1.51

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	824.53	780.19	457.39	165.14	50.38	19.55	10.26	6.03	2.20	0.42
OB	824.53	780.19	457.39	165.14	50.38	19.55	10.26	6.03	2.20	0.42
OC	824.53	777.00	476.79	180.25	59.42	23.36	11.38	6.18	2.27	0.49
OD	824.53	777.00	476.79	180.25	59.42	23.36	11.38	6.18	2.27	0.49



H[m]	D[m]	Max lux	Med lux	Alpha=16.2°+16.2°	G=0.0	
1.00	0.58	825	497			
2.00	1.16	206	124			
3.00	1.75	92	55			
4.00	2.33	52	31			
5.00	2.91	33	20			

H[m]	D[m]	Max lux	Med lux	Beta=16.8°+16.8°	G=0.0	
1.00	0.60	825	497			
2.00	1.21	206	124			
3.00	1.81	92	55			
4.00	2.42	52	31			
5.00	3.02	33	20			

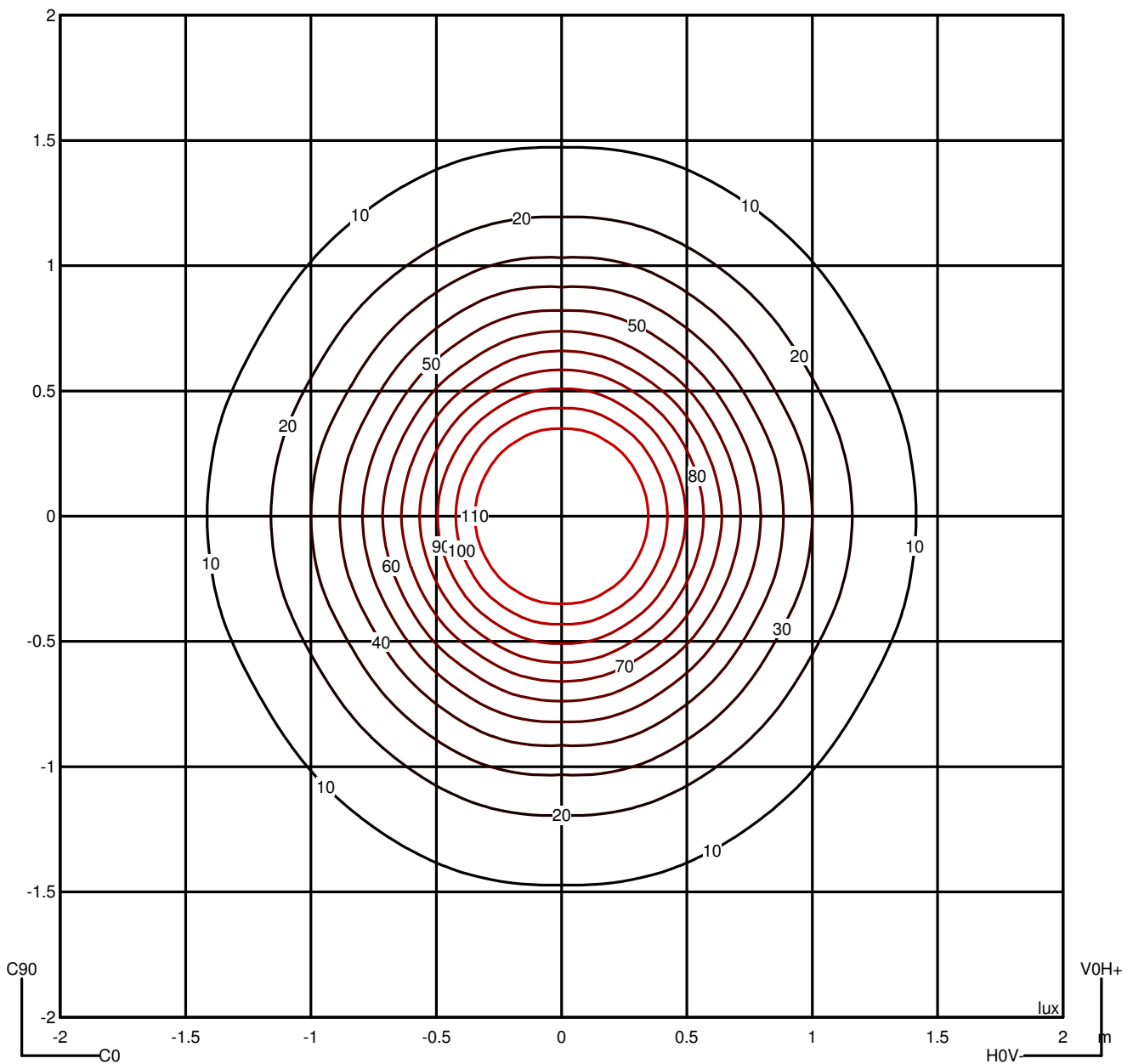
Luminaria

Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10
Ensayo
 Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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



Luminaria

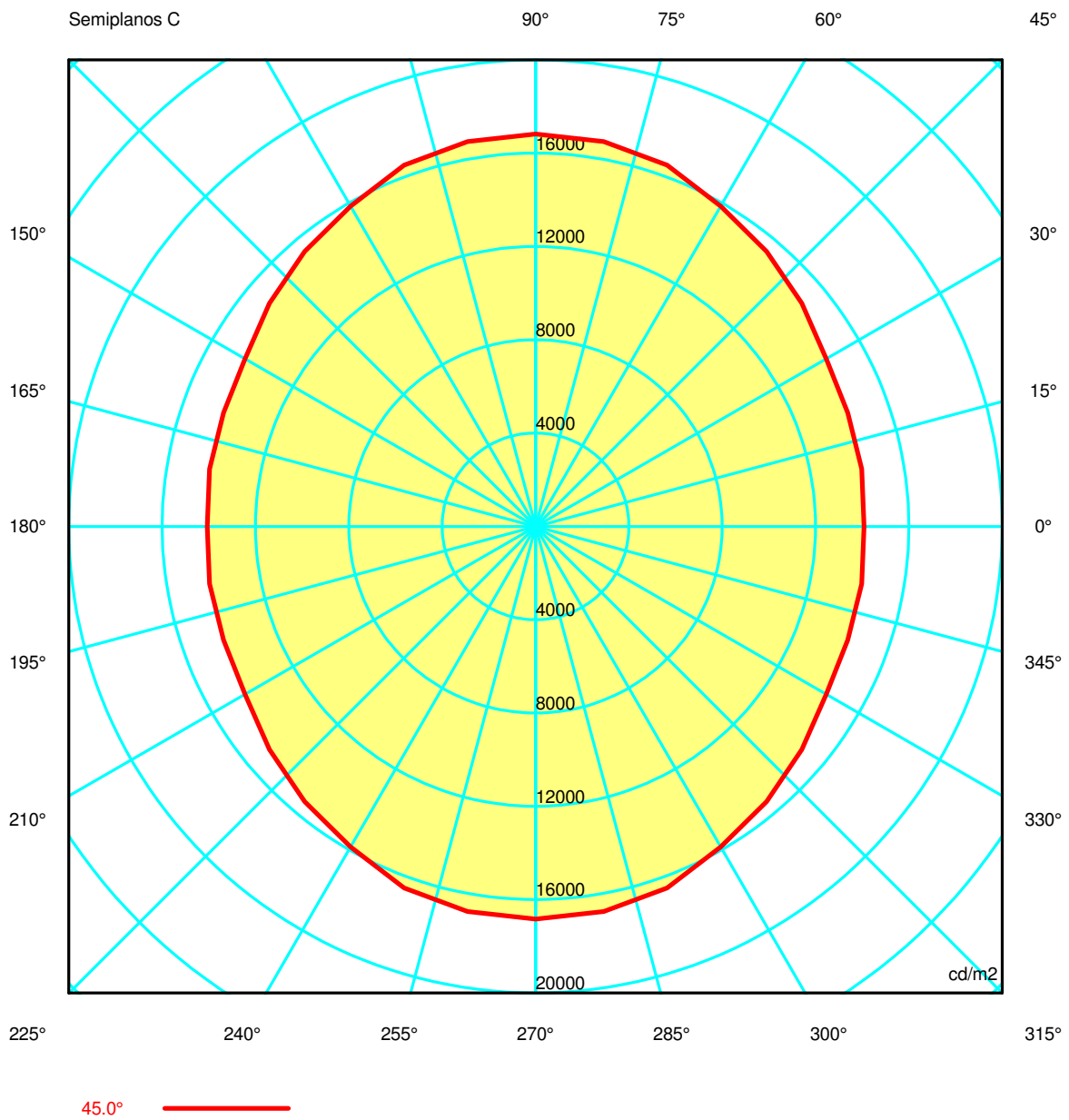
Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Ensayo

Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminancia





Luminaria

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

Ensayo

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminance cd/m2 Tabla 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	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29
G 5.0	398866.16	397479.81	397010.02	396931.67	396689.36	396135.29	395829.52	396350.85	396949.48	397235.13	396949.48	396350.85	395829.52
G 10.0	329925.49	330197.66	330400.92	330535.27	332336.93	333577.92	334112.38	335560.98	335761.67	334075.31	335761.67	335560.98	334112.38
G 15.0	241161.73	239315.65	237990.10	238082.45	240087.44	241571.02	243290.88	248046.19	250597.97	251395.22	250597.97	248046.19	243290.88
G 20.0	153475.51	153063.25	151502.31	149737.24	152939.30	157432.53	161591.62	166555.71	167976.41	165094.44	167976.41	166555.71	161591.62
G 25.0	92799.23	92064.50	90052.92	88522.79	90738.06	94102.39	97382.64	101254.38	102732.70	101292.44	102732.70	101254.38	97382.64
G 30.0	52185.90	52175.03	51578.89	50867.82	52690.67	55324.40	57807.33	60451.53	61483.47	60661.34	61483.47	60451.53	57807.33
G 35.0	31322.94	31244.86	31038.40	31098.69	32343.74	33625.48	34789.59	36586.41	37443.64	36944.89	37443.64	36586.41	34789.59
G 40.0	19745.19	19861.19	19925.82	20188.76	20943.57	21515.18	22052.77	23280.17	23796.65	23806.78	23796.65	23280.17	22052.77
G 45.0	14078.46	14182.70	14227.42	14380.85	14885.04	15395.67	15857.21	16484.75	16761.97	16826.73	16761.97	16484.75	15857.21
G 50.0	11410.44	11458.10	11487.72	11530.18	11823.65	12160.64	12490.01	12891.08	13045.22	13060.66	13045.22	12891.08	12490.01
G 55.0	9114.31	9115.31	9140.24	9253.58	9450.28	9608.98	9725.06	9894.98	10032.05	10102.13	10032.05	9894.98	9725.06
G 60.0	7757.92	7884.42	7902.44	7884.03	7998.48	8097.85	8137.39	8220.80	8310.07	8377.91	8310.07	8220.80	8137.39
G 65.0	7269.48	7338.14	7309.90	7239.07	7283.98	7419.43	7540.56	7549.13	7500.19	7444.30	7500.19	7549.13	7540.56
G 70.0	6509.70	6593.32	6501.12	6345.39	6410.96	6539.75	6617.44	6671.80	6670.74	6616.28	6670.74	6671.80	6617.44
G 75.0	4333.16	4429.25	4433.44	4415.93	4518.45	4540.28	4482.04	4541.55	4558.62	4462.45	4558.62	4541.55	4482.04
G 80.0	1430.13	1445.11	1437.31	1427.00	1502.89	1570.99	1590.79	1598.66	1592.17	1571.72	1592.17	1598.66	1590.79
G 85.0	2451.54	2420.35	2415.33	2437.51	2471.40	2533.67	2627.61	2732.20	2817.23	2878.35	2817.23	2732.20	2627.61
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



Luminaria

Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Ensayo

Código DE-0224-CRO
 Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminance cd/m2 Tabla 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	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29
G 5.0	396135.29	396689.36	396931.67	397010.02	397479.81	398866.16	397479.81	397010.02	396931.67	396689.36	396135.29	395829.52	396350.85
G 10.0	333577.92	332336.93	330535.27	330400.92	330197.66	329925.49	330197.66	330400.92	330535.27	332336.93	333577.92	334112.38	335560.98
G 15.0	241571.02	240087.44	238082.45	237990.10	239315.65	241161.73	239315.65	237990.10	238082.45	240087.44	241571.02	243290.88	248046.19
G 20.0	157432.53	152939.30	149737.24	151502.31	153063.25	153475.51	153063.25	151502.31	149737.24	152939.30	157432.53	161591.62	166555.71
G 25.0	94102.39	90738.06	88522.79	90052.92	92064.50	92799.23	92064.50	90052.92	88522.79	90738.06	94102.39	97382.64	101254.38
G 30.0	55324.40	52690.67	50867.82	51578.89	52175.03	52185.90	52175.03	51578.89	50867.82	52690.67	55324.40	57807.33	60451.53
G 35.0	33625.48	32343.74	31098.69	31038.40	31244.86	31322.94	31244.86	31038.40	31098.69	32343.74	33625.48	34789.59	36586.41
G 40.0	21515.18	20943.57	20188.76	19925.82	19861.19	19745.19	19861.19	19925.82	20188.76	20943.57	21515.18	22052.77	23280.17
G 45.0	15395.67	14885.04	14380.85	14227.42	14182.70	14078.46	14182.70	14227.42	14380.85	14885.04	15395.67	15857.21	16484.75
G 50.0	12160.64	11823.65	11530.18	11487.72	11458.10	11410.44	11458.10	11487.72	11530.18	11823.65	12160.64	12490.01	12891.08
G 55.0	9608.98	9450.28	9253.58	9140.24	9115.31	9114.31	9115.31	9140.24	9253.58	9450.28	9608.98	9725.06	9894.98
G 60.0	8097.85	7998.48	7884.03	7902.44	7884.42	7757.92	7884.42	7902.44	7884.03	7998.48	8097.85	8137.39	8220.80
G 65.0	7419.43	7283.98	7239.07	7309.90	7338.14	7269.48	7338.14	7309.90	7239.07	7283.98	7419.43	7540.56	7549.13
G 70.0	6539.75	6410.96	6345.39	6501.12	6593.32	6509.70	6593.32	6501.12	6345.39	6410.96	6539.75	6617.44	6671.80
G 75.0	4540.28	4518.45	4415.93	4433.44	4429.25	4333.16	4429.25	4433.44	4415.93	4518.45	4540.28	4482.04	4541.55
G 80.0	1570.99	1502.89	1427.00	1437.31	1445.11	1430.13	1445.11	1437.31	1427.00	1502.89	1570.99	1590.79	1598.66
G 85.0	2533.67	2471.40	2437.51	2415.33	2420.35	2451.54	2420.35	2415.33	2437.51	2471.40	2533.67	2627.61	2732.20
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

Luminaria

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

Ensayo

Código DE-0224-CRO
Nombre Colgante BALLET led 5W GU10

Flujo Luminaria	351.52 lm	Potencia luminaria	5.00 W	Eficacia	70.30 lm/W	Eficiencia	99.86%
Flujo de Lámpara	352.00 lm	Valor Máximo	2342.41 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminance cd/m2 Tabla 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	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29	419929.29
G 5.0	396949.48	397235.13	396949.48	396350.85	395829.52	396135.29	396689.36	396931.67	397010.02	397479.81
G 10.0	335761.67	334075.31	335761.67	335560.98	334112.38	333577.92	332336.93	330535.27	330400.92	330197.66
G 15.0	250597.97	251395.22	250597.97	248046.19	243290.88	241571.02	240087.44	238082.45	237990.10	239315.65
G 20.0	167976.41	165094.44	167976.41	166555.71	161591.62	157432.53	152939.30	149737.24	151502.31	153063.25
G 25.0	102732.70	101292.44	102732.70	101254.38	97382.64	94102.39	90738.06	88522.79	90052.92	92064.50
G 30.0	61483.47	60661.34	61483.47	60451.53	57807.33	55324.40	52690.67	50867.82	51578.89	52175.03
G 35.0	37443.64	36944.89	37443.64	36586.41	34789.59	33625.48	32343.74	31098.69	31038.40	31244.86
G 40.0	23796.65	23806.78	23796.65	23280.17	22052.77	21515.18	20943.57	20188.76	19925.82	19861.19
G 45.0	16761.97	16826.73	16761.97	16484.75	15857.21	15395.67	14885.04	14380.85	14227.42	14182.70
G 50.0	13045.22	13060.66	13045.22	12891.08	12490.01	12160.64	11823.65	11530.18	11487.72	11458.10
G 55.0	10032.05	10102.13	10032.05	9894.98	9725.06	9608.98	9450.28	9253.58	9140.24	9115.31
G 60.0	8310.07	8377.91	8310.07	8220.80	8137.39	8097.85	7998.48	7884.03	7902.44	7884.42
G 65.0	7500.19	7444.30	7500.19	7549.13	7540.56	7419.43	7283.98	7239.07	7309.90	7338.14
G 70.0	6670.74	6616.28	6670.74	6671.80	6617.44	6539.75	6410.96	6345.39	6501.12	6593.32
G 75.0	4558.62	4462.45	4558.62	4541.55	4482.04	4540.28	4518.45	4415.93	4433.44	4429.25
G 80.0	1592.17	1571.72	1592.17	1598.66	1590.79	1570.99	1502.89	1427.00	1437.31	1445.11
G 85.0	2817.23	2878.35	2817.23	2732.20	2627.61	2533.67	2471.40	2437.51	2415.33	2420.35
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00