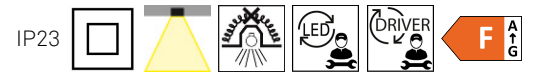
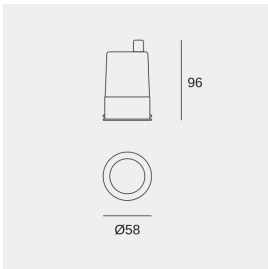


TC-0471-BLA

Module Mix 13W 3000K CRI 80 PHASE CUT White IP23 1200.00

TECHNICAL FEATURES



Luminaire total power : 13W

Real lumens : 819

Nominal lumens : 1200

Real lm/W : 63

Lens / reflector angle : FLOOD 55°

UGR : <=22

Structure material : Aluminium

Structure finish : White

Diffuser material : Glass

Diffuser finish : Transparent

Voltage / frequency : 220-240V/50-60Hz

Dimming protocol : PHASE CUT

Power Factor : 0.90

Useful life : 36.000h L70B30

Warranty : 3 Years

Easily recyclable luminaire

LUMINOTECHNIC FEATURES

CRI: 80

MacAdam steps: 3

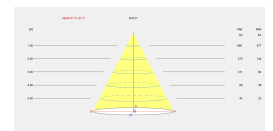
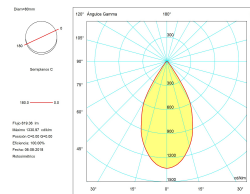
Photobiological risk: RG1

UGR

UGR crosswise: 21.3

UGR lengthwise: 21.3

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	11.1W	3000K



LOGISTICS

Net weight (kg): 0.33

Packaged weight (kg): 0.37

Packaging: 100mm x 65mm x 85mm





TC-1900-BLA

Structure material: Aluminium
Dimensions: 81 x NA x 35
Net weight (kg): 0.04



TC-1901-BLA

Structure material: Aluminium
Dimensions: 95 x NA x 34
Net weight (kg): 0.09



TC-0200-BLA

Structure material: Aluminium
Dimensions: 80 x NA x 38
Net weight (kg): 0.06



TC-0201-BLA

Structure material: Aluminium
Dimensions: 105 x NA x 52
Net weight (kg): 0.08



TC-0220-BLA

Structure material: Aluminium
Dimensions: 96 x 37 x NA
Net weight (kg): 0.12



TC-0302-BLA

Structure material: Aluminium
Dimensions: 95 x 42 x 95
Net weight (kg): 0.1



TC-0303-BLA

Structure material: Aluminium
Dimensions: 94 x 53 x NA
Net weight (kg): 0.1



TC-0366-BLA

Structure material: Aluminium
Dimensions: 58 x 17 x NA
Net weight (kg): 0.05



DIMMER COMPATIBILITY LIST

EIP012C0300LSD1L

CLIPSAL 32E450UDM
CLIPSAL 32E450ULM
JUNG 225NV DE
GIRA(226200/I01)
BERKER 2873

Luminaria

 Código TC-0471-BLA
 Nombre TC-0471-BLA

Ensayo

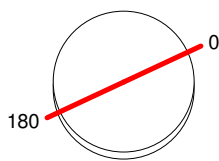
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico
Luminaria Redonda		Diam.	80 mm	Altura	93 mm		
Área Luminosa Redonda		Diam.	43 mm	Altura	0 mm		
Área Luminosa Horizontal		0.001452 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°		0.000351 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Rotosimétrico	
Fecha		06-08-2018		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		819.36 lm	
Operador		qualitat		Tensión de alimentación [V]			
Temperatura		25.00 °C		Corriente de alimentación [A]			
Humedad		60.00 %		Fotocélula			
Notas							

Lámparas de la Luminaria

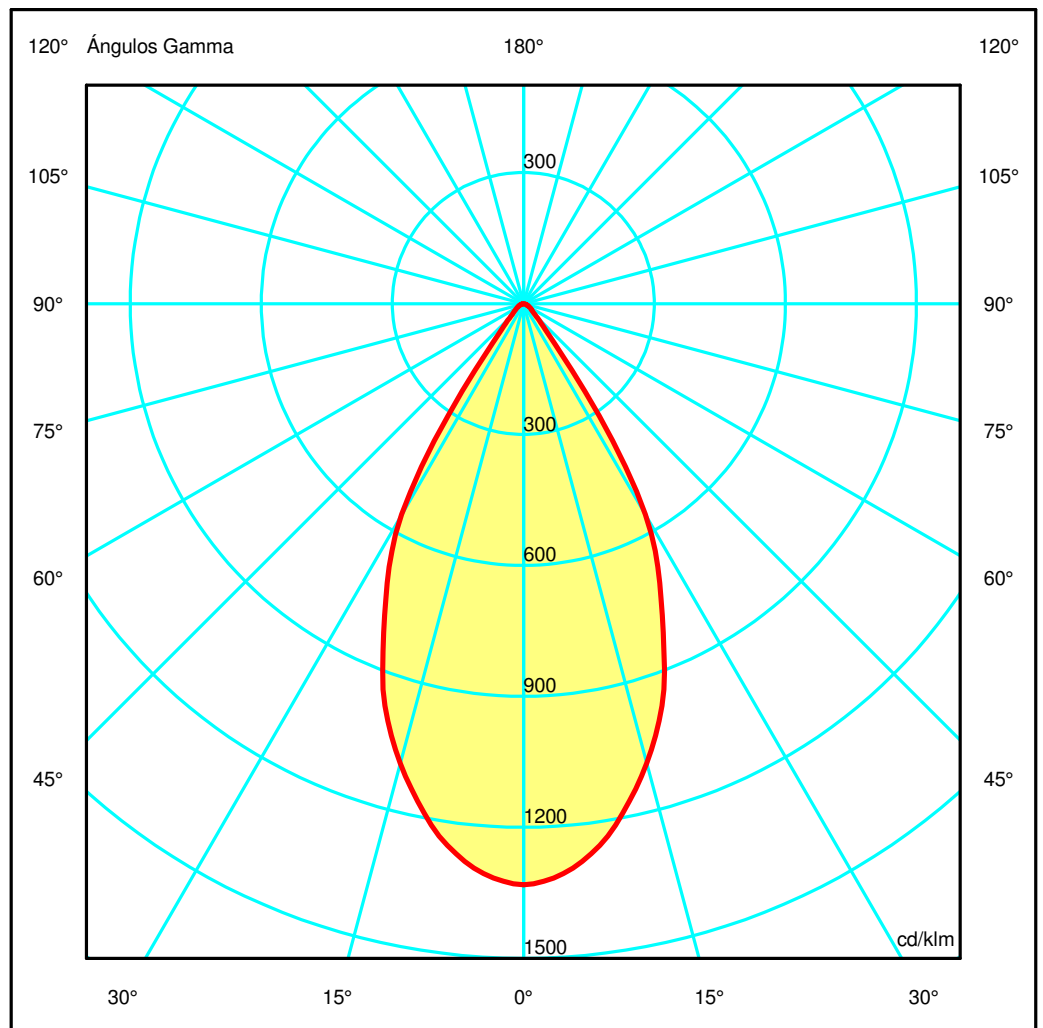
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	TC-0471-BLA	TC-0471-BLA	819.36	13.00	1
C.I.E.	94 98 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

Diam=80mm



Semiplanos C

180.0 — 0.0

 ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %


Luminaria

Código TC-0471-BLA

Nombre TC-0471-BLA

Ensayo

Código TC-0471-BLA

Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 1/1

	C 0.00	C 0.00	
G 0.0	1330.97	G 46.0	35.77
G 1.0	1329.20	G 47.0	33.38
G 2.0	1323.79	G 48.0	31.05
G 3.0	1317.51	G 49.0	28.85
G 4.0	1308.63	G 50.0	27.00
G 5.0	1298.20	G 51.0	25.43
G 6.0	1284.81	G 52.0	24.02
G 7.0	1269.35	G 53.0	22.77
G 8.0	1253.46	G 54.0	21.62
G 9.0	1235.01	G 55.0	20.52
G 10.0	1213.09	G 56.0	19.39
G 11.0	1189.65	G 57.0	18.34
G 12.0	1165.30	G 58.0	17.31
G 13.0	1140.91	G 59.0	16.17
G 14.0	1115.87	G 60.0	15.25
G 15.0	1090.15	G 61.0	14.27
G 16.0	1062.84	G 62.0	13.46
G 17.0	1034.71	G 63.0	12.66
G 18.0	1005.01	G 64.0	11.91
G 19.0	974.13	G 65.0	11.19
G 20.0	940.43	G 66.0	10.44
G 21.0	900.56	G 67.0	9.76
G 22.0	859.04	G 68.0	9.08
G 23.0	818.56	G 69.0	8.39
G 24.0	781.29	G 70.0	7.67
G 25.0	745.26	G 71.0	6.87
G 26.0	711.63	G 72.0	5.67
G 27.0	677.17	G 73.0	4.48
G 28.0	641.96	G 74.0	3.62
G 29.0	603.91	G 75.0	3.06
G 30.0	557.63	G 76.0	2.81
G 31.0	502.70	G 77.0	2.65
G 32.0	440.67	G 78.0	2.49
G 33.0	374.61	G 79.0	2.30
G 34.0	309.61	G 80.0	2.10
G 35.0	244.88	G 81.0	1.89
G 36.0	189.02	G 82.0	1.67
G 37.0	144.56	G 83.0	1.45
G 38.0	115.13	G 84.0	1.23
G 39.0	91.18	G 85.0	1.01
G 40.0	77.79	G 86.0	0.77
G 41.0	68.62	G 87.0	0.53
G 42.0	60.01	G 88.0	0.29
G 43.0	52.84	G 89.0	0.15
G 44.0	46.54	G 90.0	0.04
G 45.0	41.04		

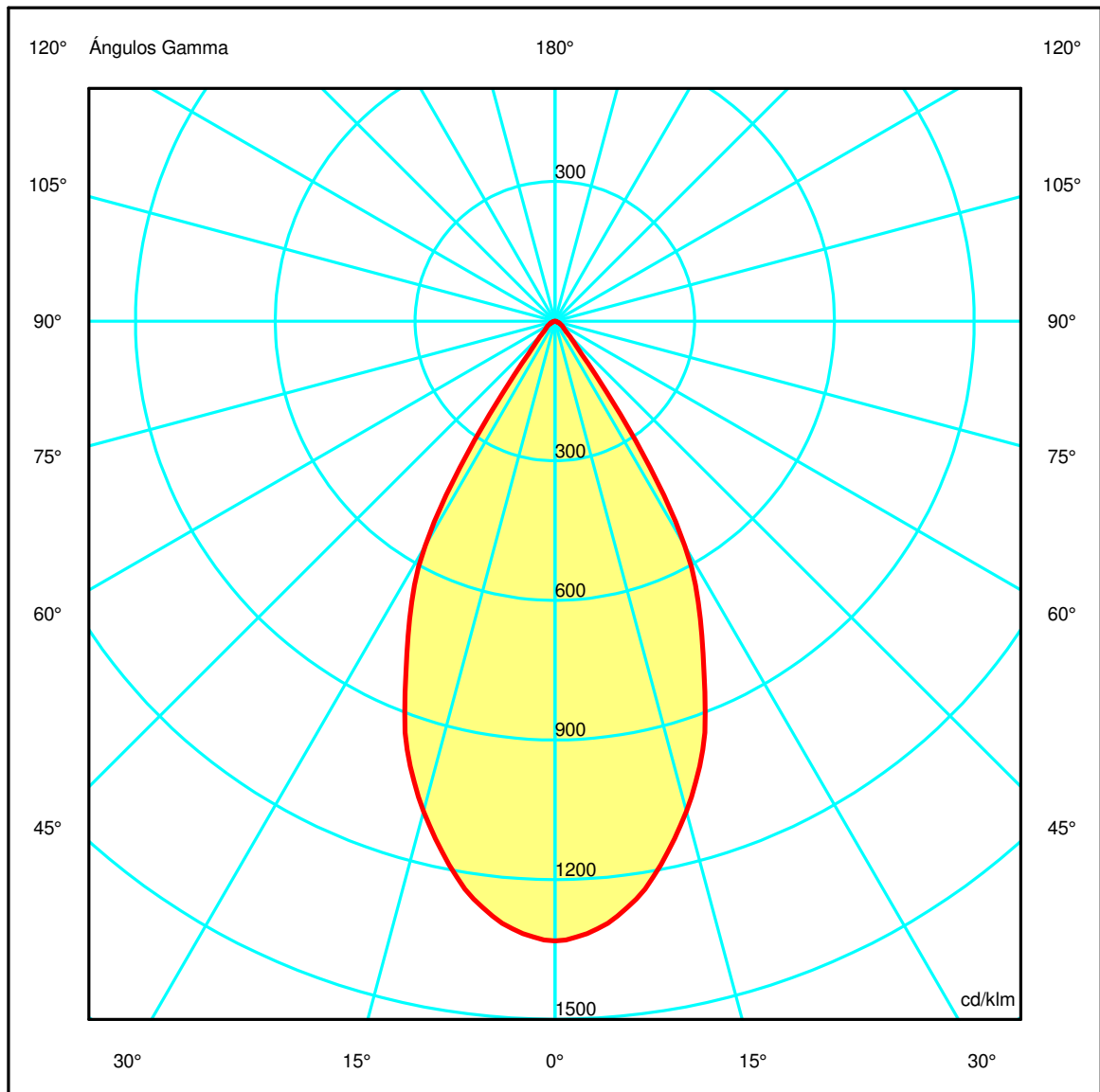
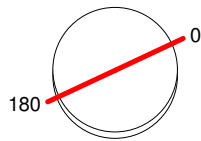
Luminaria
 Código TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Diam=80mm

Semiplanos C

180.0 0.0

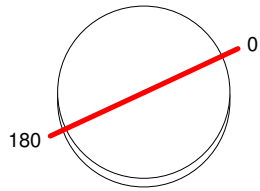


Luminaria
 Código TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

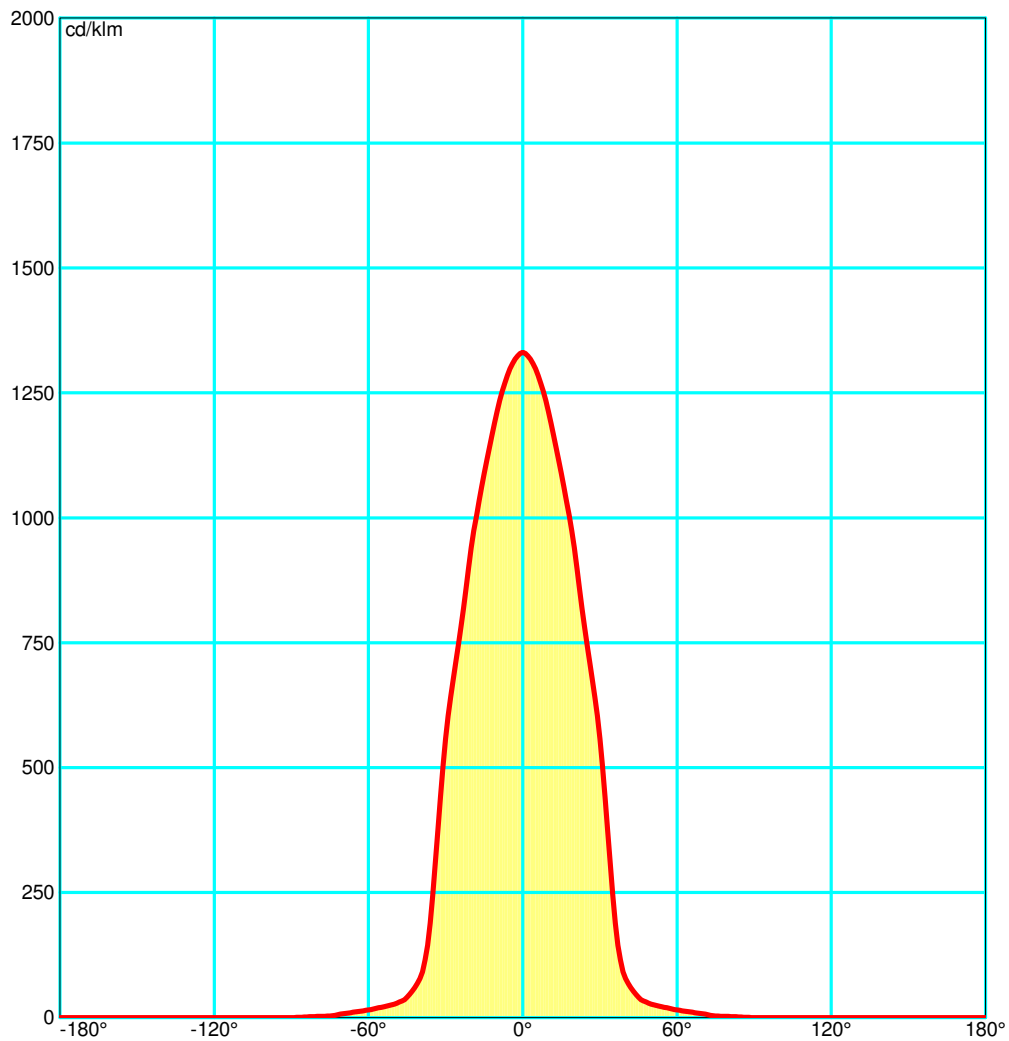
Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Diam=80mm

Semiplanos C



180.0  0.0



Luminaria

Código TC-0471-BLA

Nombre TC-0471-BLA

Ensayo

Código TC-0471-BLA

Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	21.0	21.7	21.2	21.9	22.1	21.0	21.7	21.2	21.9	22.1
x=2H y=3H	21.1	21.7	21.4	21.9	22.2	21.1	21.7	21.4	21.9	22.2
x=2H y=4H	21.1	21.7	21.4	21.9	22.2	21.1	21.7	21.4	21.9	22.2
x=2H y=6H	21.1	21.6	21.4	21.9	22.2	21.1	21.6	21.4	21.9	22.2
x=2H y=8H	21.0	21.6	21.4	21.8	22.1	21.0	21.6	21.4	21.8	22.1
x=2H y=12H	21.0	21.5	21.4	21.8	22.1	21.0	21.5	21.4	21.8	22.1
x=4H y=2H	20.9	21.5	21.2	21.8	22.0	20.9	21.5	21.2	21.8	22.0
x=4H y=3H	21.1	21.6	21.5	21.9	22.2	21.1	21.6	21.5	21.9	22.2
x=4H y=4H	21.1	21.6	21.5	21.9	22.3	21.1	21.6	21.5	21.9	22.3
x=4H y=6H	21.1	21.5	21.5	21.9	22.2	21.1	21.5	21.5	21.9	22.2
x=4H y=8H	21.1	21.5	21.6	21.8	22.2	21.1	21.5	21.6	21.8	22.2
x=4H y=12H	21.1	21.4	21.6	21.8	22.2	21.1	21.4	21.6	21.8	22.2
x=8H y=4H	21.1	21.4	21.5	21.8	22.2	21.1	21.4	21.5	21.8	22.2
x=8H y=6H	21.1	21.3	21.6	21.8	22.2	21.1	21.3	21.6	21.8	22.2
x=8H y=8H	21.1	21.3	21.6	21.8	22.2	21.1	21.3	21.6	21.8	22.2
x=8H y=12H	21.1	21.3	21.6	21.7	22.2	21.1	21.3	21.6	21.7	22.2
x=12H y=4H	21.1	21.3	21.5	21.7	22.2	21.1	21.3	21.5	21.7	22.2
x=12H y=6H	21.1	21.3	21.5	21.7	22.2	21.1	21.3	21.5	21.7	22.2
x=12H y=8H	21.1	21.3	21.6	21.7	22.2	21.1	21.3	21.6	21.7	22.2

Luminaria

Código TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Flujo Total=819.36 Flujo Luminaria=819.36

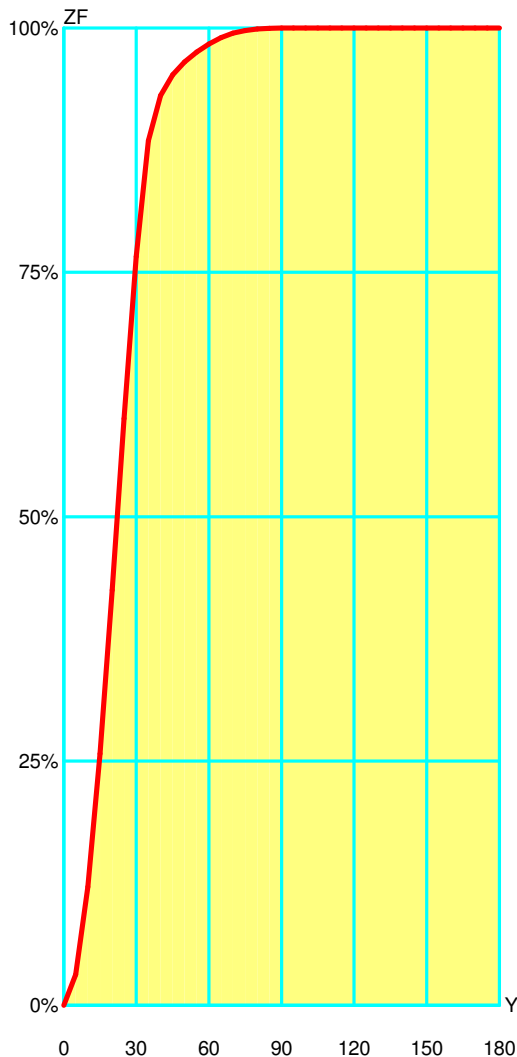
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.69	0.74	0.79	0.83	0.86	0.91	0.94	0.96	0.98	0.99	1.01	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	121	425	766	931	965	984	995	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
 94 98 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	100.00000 %
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°	31.40	31.40	3.14 %	3.14 %
10°	89.81	121.21	8.98 %	12.12 %
15°	136.29	257.50	13.63 %	25.75 %
20°	167.32	424.82	16.73 %	42.48 %
25°	175.60	600.42	17.56 %	60.04 %
30°	165.72	766.14	16.57 %	76.61 %
35°	118.48	884.62	11.85 %	88.46 %
40°	46.30	930.92	4.63 %	93.09 %
45°	21.18	952.10	2.12 %	95.21 %
50°	13.15	965.25	1.31 %	96.53 %
55°	10.21	975.46	1.02 %	97.55 %
60°	8.23	983.69	0.82 %	98.37 %
65°	6.36	990.05	0.64 %	99.01 %
70°	4.77	994.82	0.48 %	99.48 %
75°	2.71	997.53	0.27 %	99.75 %
80°	1.37	998.91	0.14 %	99.89 %
85°	0.85	999.75	0.08 %	99.98 %
90°	0.25	1000.00	0.02 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %



Luminaria

Código TC-0471-BLA

Nombre TC-0471-BLA

Ensayo

Código TC-0471-BLA

Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	166	149	97	88	142	84	95	81	53	45	33	25	18	12	42	26	23	14	12	22	12	11	0				
0.80	199	182	106	97	173	93	124	109	63	55	41	33	25	18	52	34	31	21	18	30	18	16	0				
1.00	222	206	107	100	196	96	149	133	68	61	48	40	32	25	57	41	37	28	24	36	24	22	0				
1.25	245	230	108	102	219	98	174	158	74	67	55	47	40	32	63	48	44	35	30	42	31	28	0				
1.50	262	249	108	103	237	99	194	179	78	72	60	52	46	38	68	53	50	41	36	48	37	34	0				
2.00	285	274	105	101	261	98	225	210	81	77	68	61	56	48	73	61	58	51	46	56	47	43	0				
2.50	300	291	102	99	278	96	247	233	84	80	73	67	64	56	76	67	64	59	54	61	54	51	0				
3.00	311	303	100	97	290	95	263	251	85	82	77	71	69	62	78	71	68	65	60	66	60	57	0				
4.00	328	321	99	97	307	95	287	276	88	86	83	78	77	71	82	77	75	73	69	73	69	65	0				
5.00	339	333	99	98	319	95	302	293	91	89	87	83	83	77	85	82	80	78	75	77	74	71	0				
10.00	362	359	99	98	345	97	337	332	96	95	95	93	95	91	92	91	90	91	89	88	88	85	0				
20.00	375	374	100	99	359	98	357	354	99	99	100	99	101	100	96	97	97	98	97	94	96	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	294	285	208	203	280	200	221	214	162	158	136	132	117	115	157	133	132	115	114	131	115	114	92				
0.80	329	319	221	217	311	213	253	245	178	174	153	149	134	131	172	149	148	132	130	146	130	129	103				
1.00	344	334	220	215	325	212	271	262	181	177	158	154	140	137	173	153	152	137	135	150	135	134	104				
1.25	361	351	220	216	339	212	290	280	185	181	164	160	148	143	177	159	157	144	142	154	141	139	106				
1.50	373	363	218	215	349	210	303	293	187	183	168	163	152	148	178	162	160	148	146	157	145	142	107				
2.00	374	365	199	196	349	191	310	300	174	171	159	155	147	142	165	152	150	142	139	146	137	133	94				
2.50	368	360	179	177	341	172	309	299	158	156	147	143	137	132	149	139	137	131	128	132	125	120	79				
3.00	357	350	158	156	330	151	302	293	141	138	132	128	124	119	131	123	122	117	114	116	111	105	62				
4.00	349	344	137	136	321	131	300	292	124	122	118	114	112	107	114	108	107	104	101	100	96	90	44				
5.00	340	335	120	119	311	113	294	286	108	106	104	100	99	95	98	94	93	90	88	85	82	75	28				
10.00	277	274	38	38	247	32	239	234	31	30	31	29	30	27	20	20	19	19	18	10	10	1	0				
20.00	157	155	0	0	126	0	124	121	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	882	872	823	818	866	814	794	787	764	761	731	728	707	705	759	728	727	705	704	726	704	703	695				
0.80	949	937	874	868	928	864	856	847	817	812	783	779	758	755	808	778	777	755	754	775	753	752	743				
1.00	1000	995	917	912	982	906	914	903	865	860	834	828	810	805	855	827	825	806	804	823	803	801	792				
1.25	1000	1000	951	946	1000	939	964	951	903	898	874	868	851	846	891	866	864	846	843	860	842	839	830				
1.50	1000	1000	974	970	1000	963	1000	988	930	925	904	897	882	876	917	894	892	876	872	887	870	866	858				
2.00	1000	1000	1000	1000	1000	998	1000	1000	974	969	953	947	936	929	959	942	939	927	923	932	920	913	906				
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	986	979	972	964	986	973	970	961	957	962	952	944	937				
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	990	1000	995	992	985	981	983	975	966	959				
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	985	978				
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	989				
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: 0.818 SHR C90-C270: 0.818 SHR Superficial: 0.845

Luminaria

 Código TC-0471-BLA
 Nombre TC-0471-BLA

Ensayo

 Código TC-0471-BLA
 Nombre TC-0471-BLA

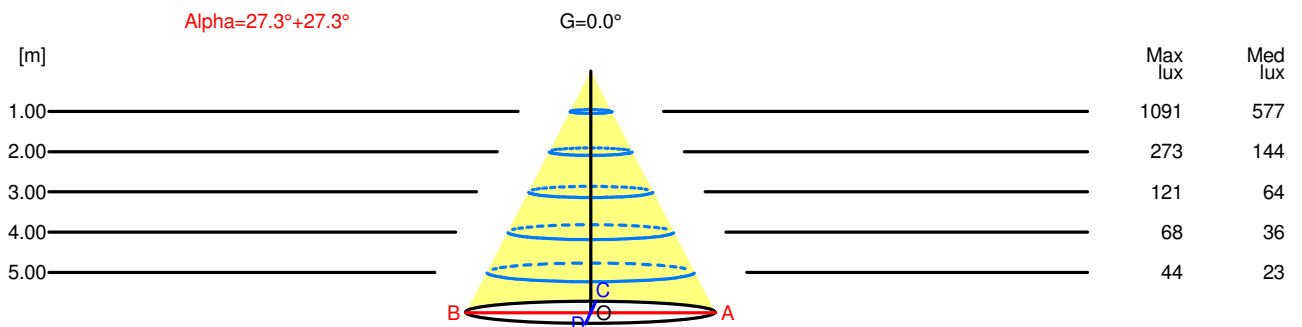
Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	0.52	1.03	1.55	2.07	2.58	OC	0.52	1.03	1.55	2.07	2.58
OB	0.52	1.03	1.55	2.07	2.58	OD	0.52	1.03	1.55	2.07	2.58

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1090.54	1063.69	893.23	610.64	200.65	33.63	16.81	9.17	2.51	0.82
OB	1090.54	1063.69	893.23	610.64	200.65	33.63	16.81	9.17	2.51	0.82
OC	1090.54	1063.69	893.23	610.64	200.65	33.63	16.81	9.17	2.51	0.82
OD	1090.54	1063.69	893.23	610.64	200.65	33.63	16.81	9.17	2.51	0.82



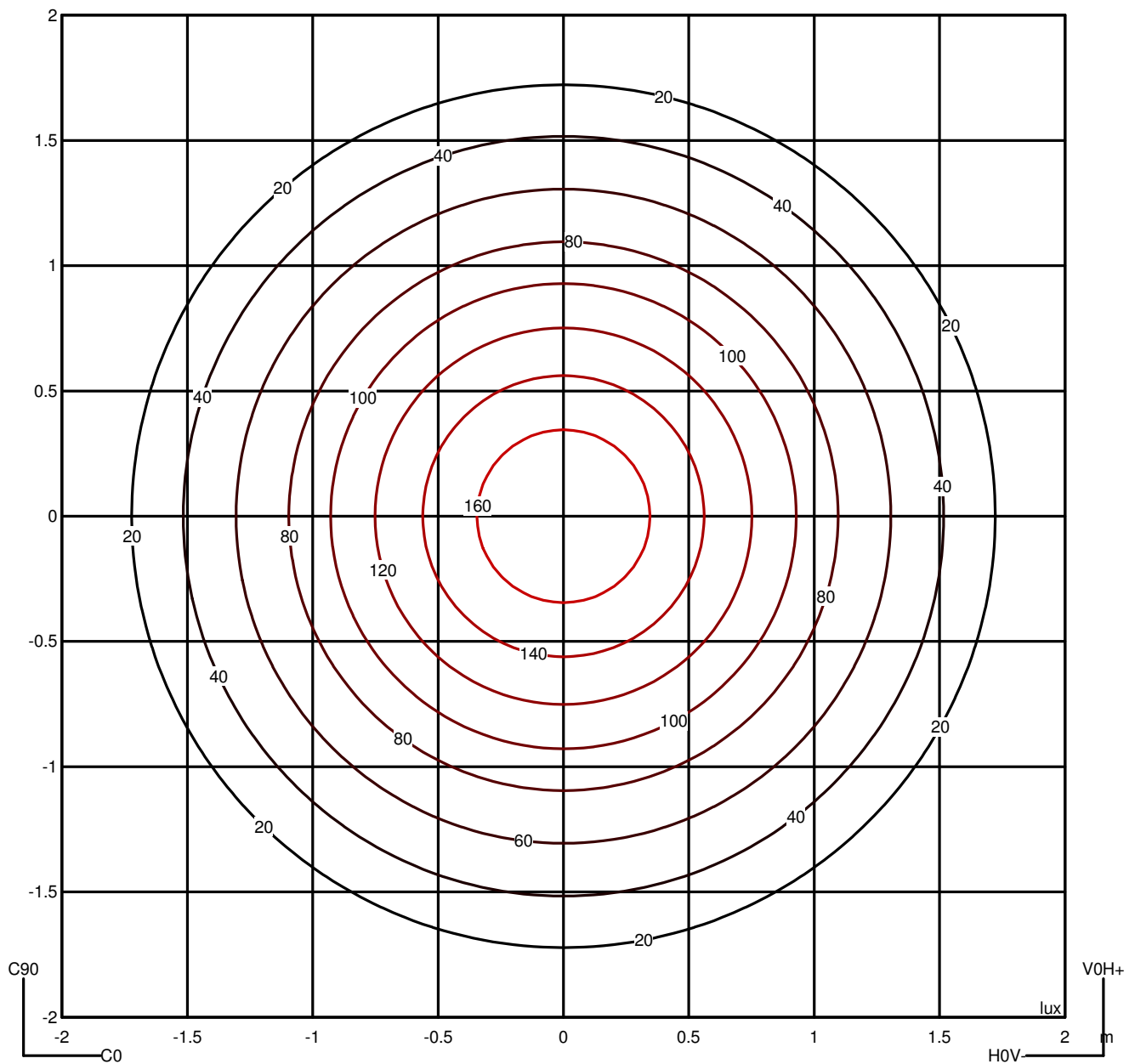
H[m]	D[m]	Max lux	Med lux	Alpha=27.3°+27.3°	G=0.0
1.00	1.03	1091	577		
2.00	2.07	273	144		
3.00	3.10	121	64		
4.00	4.13	68	36		
5.00	5.17	44	23		

Luminaria
 Código TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Isolux (Suelo)

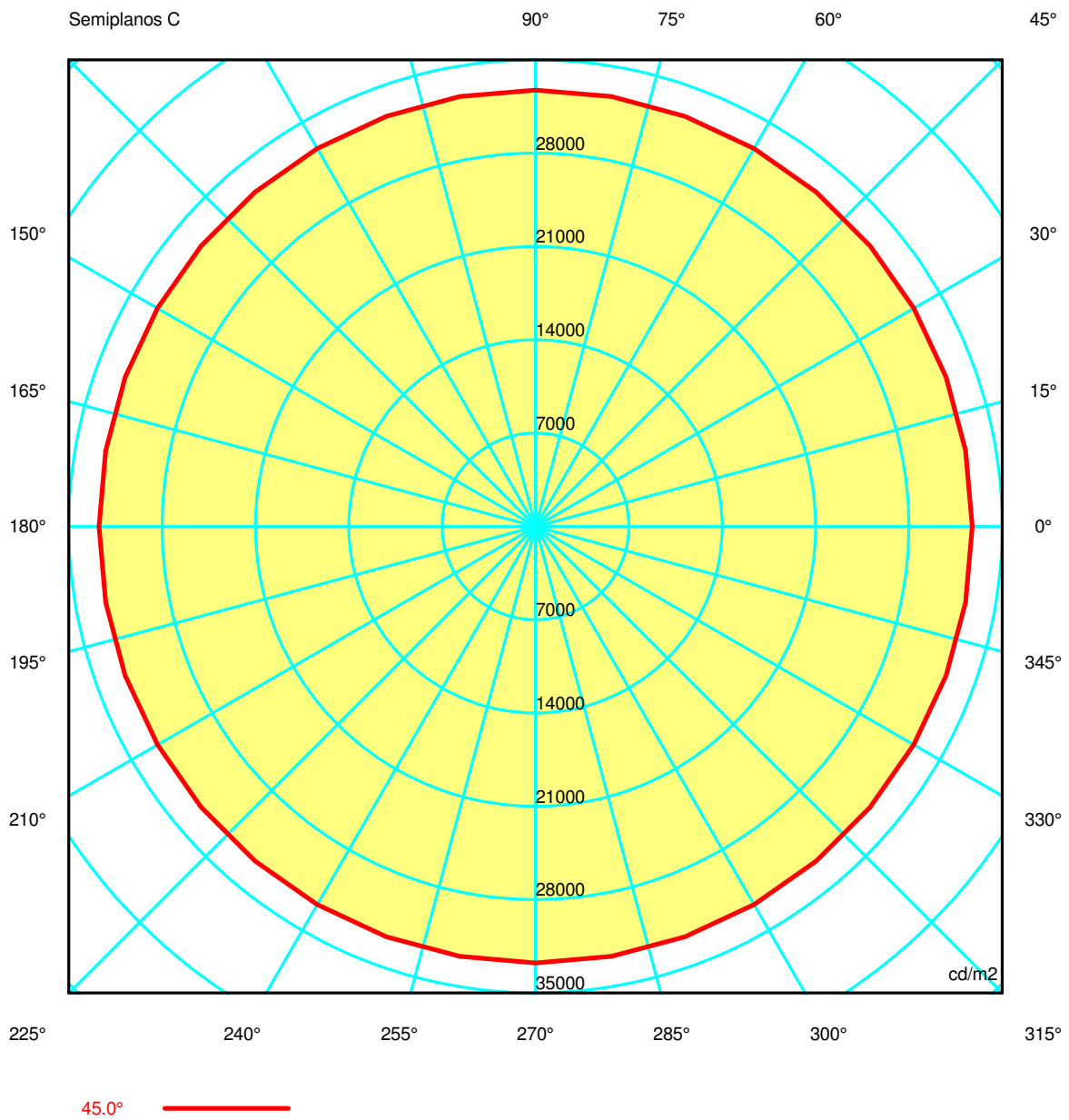
Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria
 Código TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Luminancia





Luminaria

Código TC-0471-BLA

Nombre TC-0471-BLA

Ensayo

Código TC-0471-BLA

Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23
G 5.0	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01
G 10.0	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18
G 15.0	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44
G 20.0	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14
G 25.0	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07
G 30.0	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25
G 35.0	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95
G 40.0	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87
G 45.0	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83
G 50.0	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66
G 55.0	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55
G 60.0	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00
G 65.0	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72
G 70.0	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40
G 75.0	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63
G 80.0	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47
G 85.0	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48
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 TC-0471-BLA

Nombre TC-0471-BLA

Ensayo

Código TC-0471-BLA

Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23
G 5.0	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01
G 10.0	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18
G 15.0	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44
G 20.0	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14
G 25.0	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07
G 30.0	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25
G 35.0	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95
G 40.0	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87
G 45.0	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83
G 50.0	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66
G 55.0	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55
G 60.0	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00
G 65.0	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72
G 70.0	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40
G 75.0	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63
G 80.0	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47
G 85.0	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48
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 TC-0471-BLA
 Nombre TC-0471-BLA
Ensayo
 Código TC-0471-BLA
 Nombre TC-0471-BLA

Flujo Luminaria	819.36 lm	Potencia luminaria	13.00 W	Eficacia	63.03 lm/W	Eficiencia	100.00%
Flujo de Lámpara	819.36 lm	Valor Máximo	1330.97 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

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	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23	750956.23
G 5.0	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01	735266.01
G 10.0	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18	695006.18
G 15.0	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44	636783.44
G 20.0	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14	564661.14
G 25.0	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07	463960.07
G 30.0	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25	363300.25
G 35.0	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95	168670.95
G 40.0	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87	57295.87
G 45.0	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83	32747.83
G 50.0	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66	23699.66
G 55.0	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55	20183.55
G 60.0	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00	17212.00
G 65.0	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72	14937.72
G 70.0	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40	12654.40
G 75.0	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63	6676.63
G 80.0	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47	6818.47
G 85.0	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48	6507.48
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

