

BENTO Downlight recessed



Description

Downlight

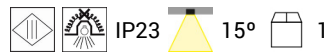
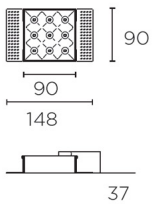
For downlighting. UGR <10. Maximum visual comfort with invisible lamp effect. Structure material: Aluminium, Polycarbonate. Structure finish: White, Black. Blades finishes: NA. Warranty: 5 Years.

Finish

White
Black
NA

Material

Aluminium
Polycarbonate



TECHNICAL CHARACTERISTICS

Light source

Light source: LED CREE
Output (W): 20W
Color temperature: LED warm-white 3000K
CRI: 90
Photobiological risk: RG2
Real Lumen: 994
Qty Leds: 9
Lm/Real W: 50
Life Time: 50.000h L80B20
Bin / Grup: 7C1 o 7B4
MacAdam steps: 3

GEAR

This item requires gear. It is not included.

Luminaire

Warranty: 5 Years

Logistics

Energy Efficiency: LED A++
EAN Code: 8435526843626
Net Weight (Kg): 0.270
Weight in Kg (packaged): 0.400
Packing: 190 x 200 x 100
Masterbox: 1

90x90

0-18

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

Luminaria

Código 90-6359
Nombre 18 leds lineal

Ensayo

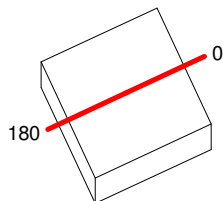
Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico
Luminaria Rectangular		Longit.	90 mm	Anchura	90 mm	Altura	50 mm
Área Luminosa Rectangular		Longit.	65 mm	Anchura	65 mm	Altura	0 mm
Área Luminosa Horizontal	0.004225 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°		0.001022 m2	
Sist. de Coorden.	CG			Tipo de Simetría		Rotosimétrico	
Fecha	20-11-2017			Máximo Ángulo Gamma		90	
Distancia de Ensayo	0.00			Flujo de Ensayo		1215.01 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.
	90-6359	12° 11leds	994.10	23.20	1
C.I.E.	100 100 100 100 100				
F UTE	--	D DIN 5040 B NBN	A60 BZ 1		

90mm x 90mm



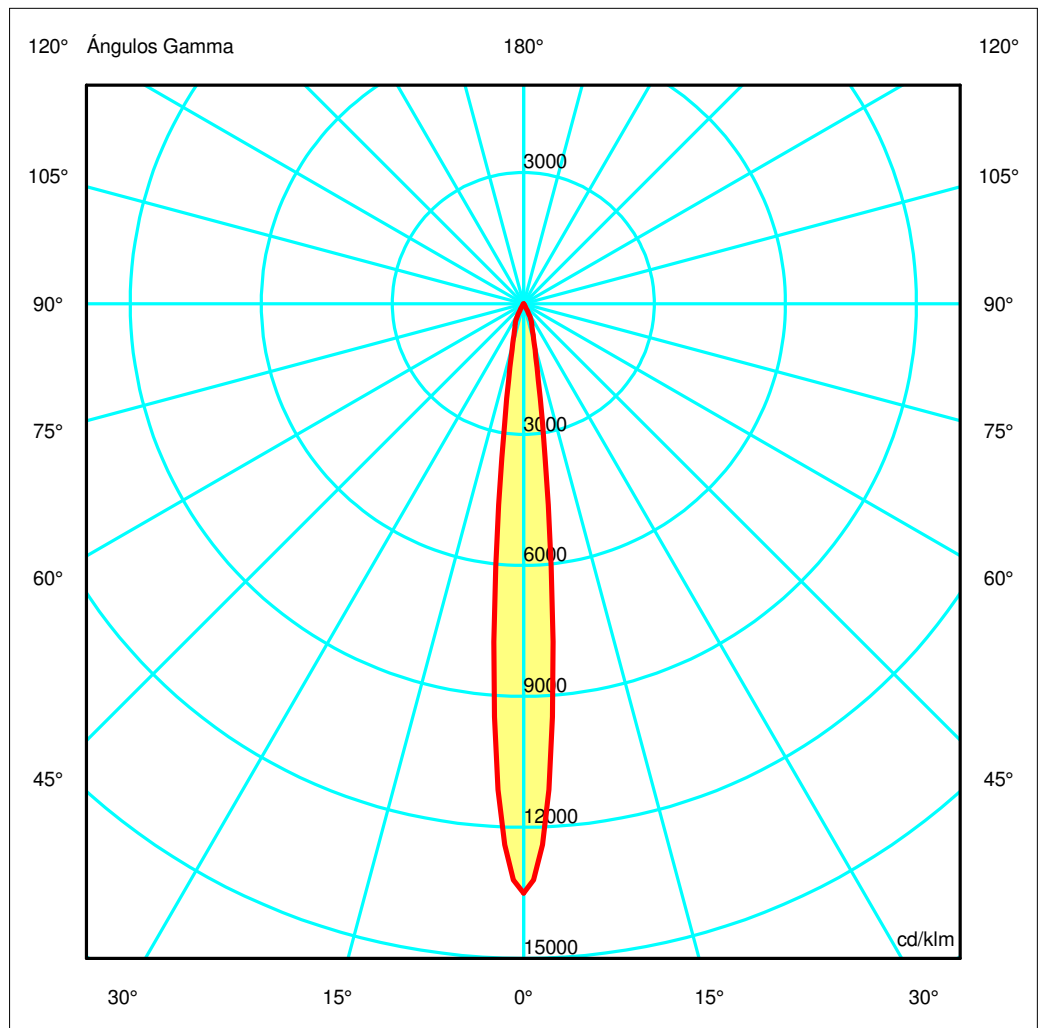
Semiplanos C

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



Luminaria

Código 90-6359
Nombre 18 leds lineal

Ensayo

Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	13506.30	G 46.0	2.06
G 1.0	13208.41	G 47.0	1.84
G 2.0	12402.99	G 48.0	1.64
G 3.0	11147.13	G 49.0	1.45
G 4.0	9485.02	G 50.0	1.29
G 5.0	7774.21	G 51.0	1.14
G 6.0	6053.94	G 52.0	1.01
G 7.0	4645.00	G 53.0	0.89
G 8.0	3566.92	G 54.0	0.78
G 9.0	2768.20	G 55.0	0.69
G 10.0	2207.12	G 56.0	0.60
G 11.0	1801.27	G 57.0	0.51
G 12.0	1494.60	G 58.0	0.43
G 13.0	1264.12	G 59.0	0.36
G 14.0	1093.55	G 60.0	0.29
G 15.0	947.20	G 61.0	0.00
G 16.0	836.75	G 62.0	0.00
G 17.0	750.46	G 63.0	0.00
G 18.0	680.73	G 64.0	0.00
G 19.0	622.20	G 65.0	0.00
G 20.0	575.97	G 66.0	0.00
G 21.0	536.74	G 67.0	0.00
G 22.0	503.04	G 68.0	0.00
G 23.0	473.11	G 69.0	0.00
G 24.0	436.79	G 70.0	0.00
G 25.0	388.98	G 71.0	0.00
G 26.0	332.58	G 72.0	0.00
G 27.0	264.88	G 73.0	0.00
G 28.0	186.34	G 74.0	0.00
G 29.0	129.49	G 75.0	0.00
G 30.0	72.63	G 76.0	0.00
G 31.0	41.46	G 77.0	0.00
G 32.0	26.13	G 78.0	0.00
G 33.0	14.27	G 79.0	0.00
G 34.0	11.39	G 80.0	0.00
G 35.0	9.65	G 81.0	0.00
G 36.0	8.14	G 82.0	0.00
G 37.0	6.65	G 83.0	0.00
G 38.0	5.50	G 84.0	0.00
G 39.0	4.68	G 85.0	0.00
G 40.0	4.08	G 86.0	0.00
G 41.0	3.57	G 87.0	0.00
G 42.0	3.19	G 88.0	0.00
G 43.0	2.86	G 89.0	0.00
G 44.0	2.57	G 90.0	0.00
G 45.0	2.30		

Luminaria

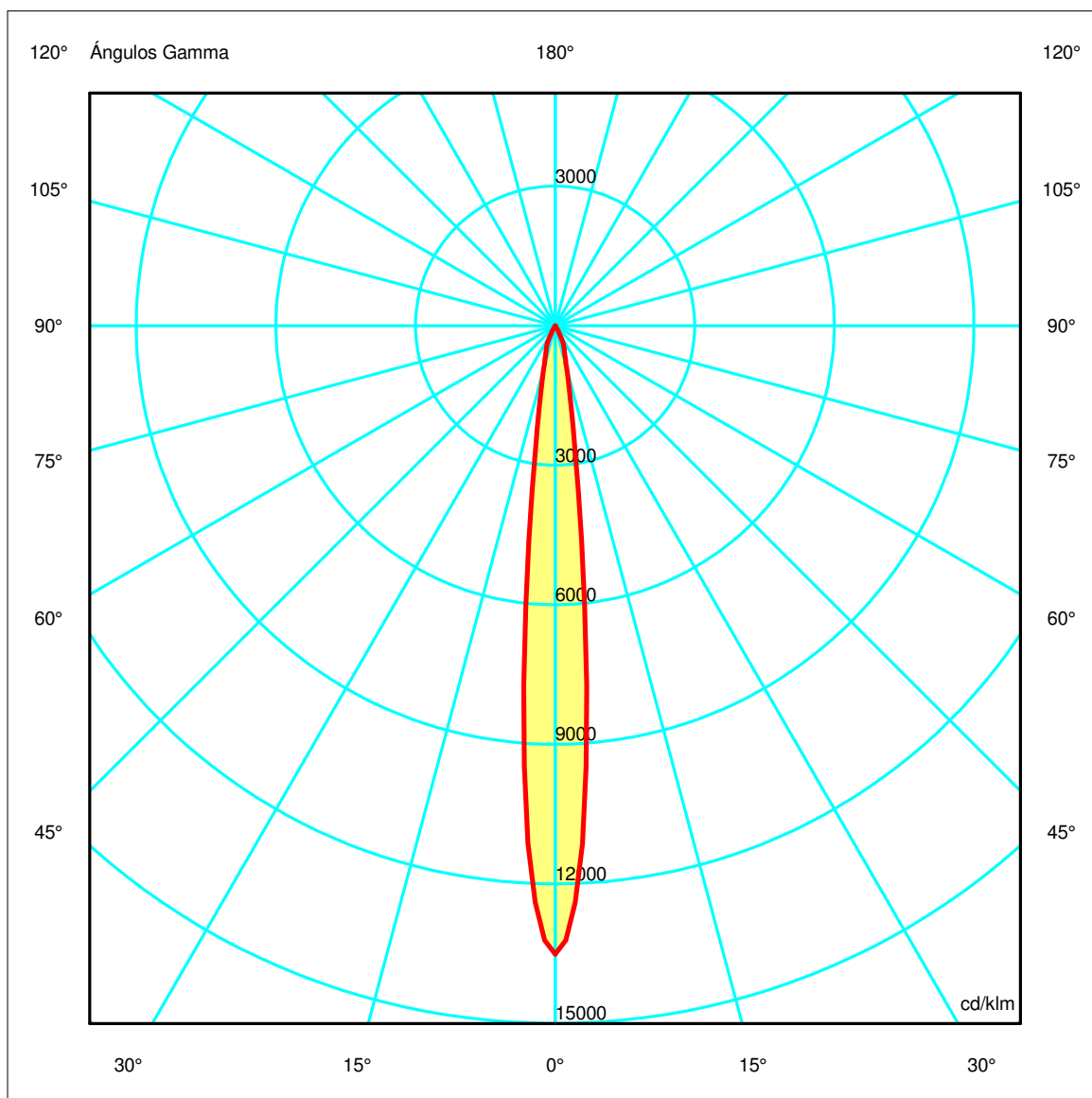
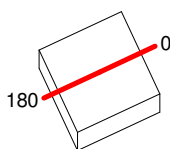
Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

90mm x 90mm

Semiplanos C

180.0  0.0



Luminaria

Código 90-6359
 Nombre 18 leds lineal

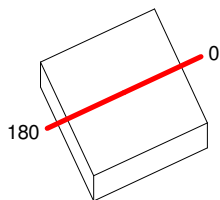
Ensayo

Código 90-6359
 Nombre 18 leds lineal

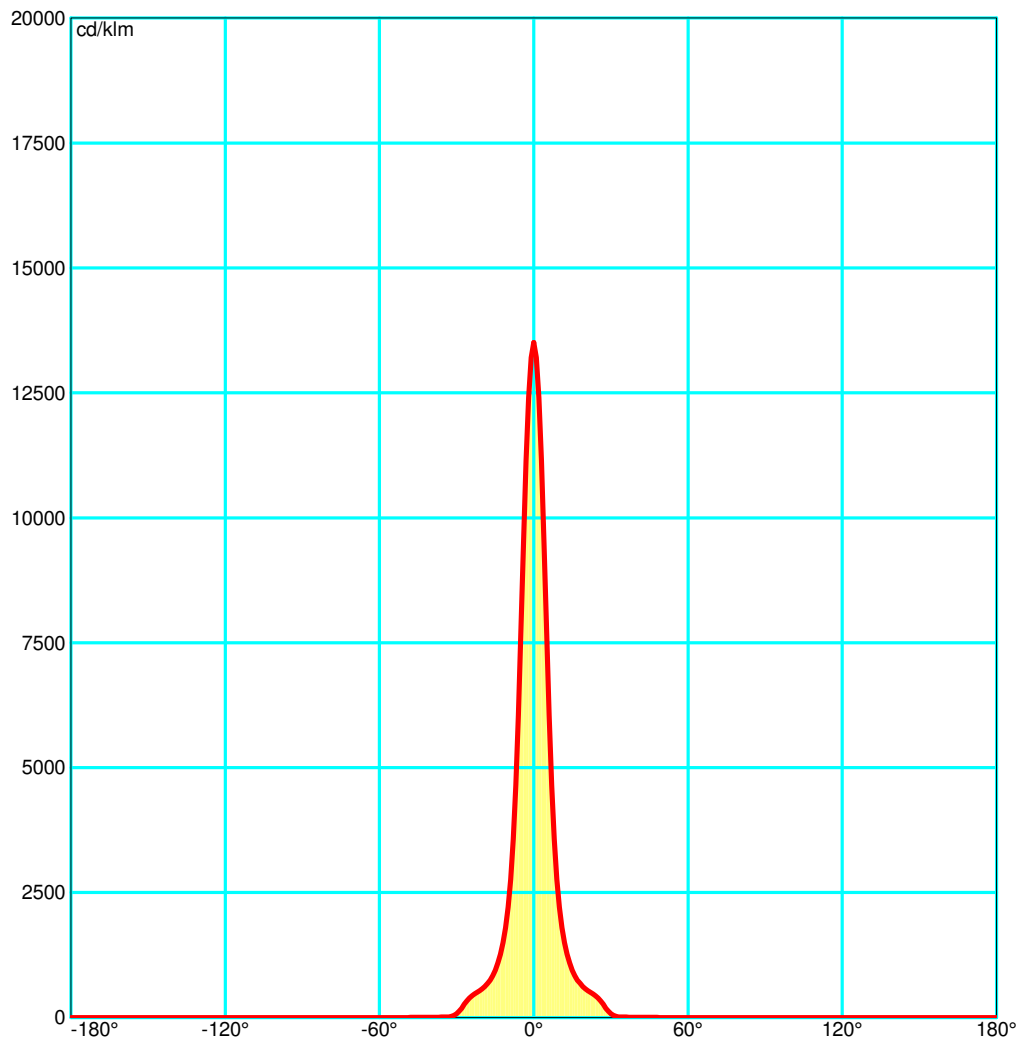
Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

90mm x 90mm

Semiplanos C



180.0 0.0



Luminaria

Código 90-6359
Nombre 18 leds lineal

Ensayo

Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0

Luminaria

Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Flujo Total=994.10 Flujo Luminaria=994.10

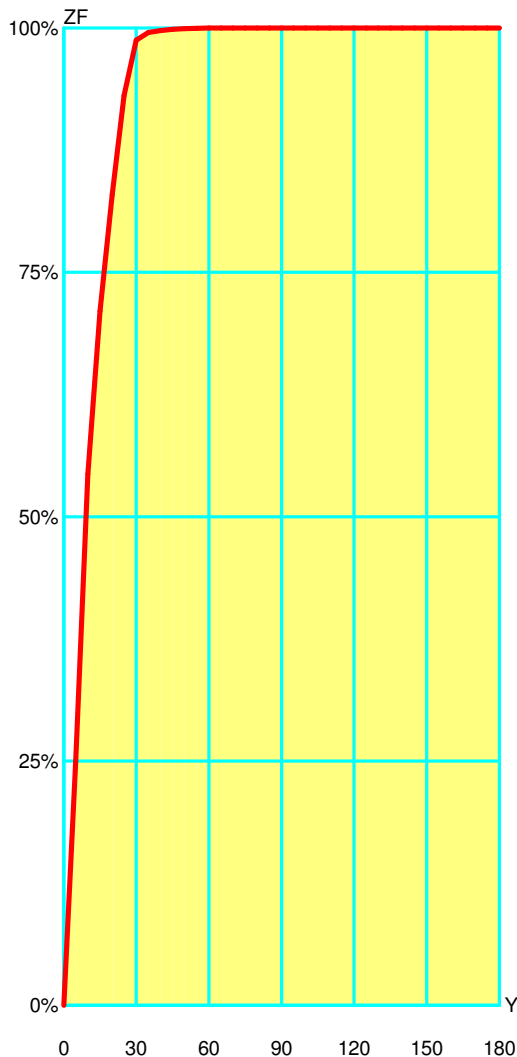
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.74	0.78	0.83	0.86	0.89	0.93	0.96	0.98	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	543	829	988	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

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

C.I.E.	-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	--	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°	249.18	249.18	24.92 %	24.92 %
10°	294.22	543.39	29.42 %	54.34 %
15°	167.01	710.41	16.70 %	71.04 %
20°	119.05	829.46	11.91 %	82.95 %
25°	101.41	930.87	10.14 %	93.09 %
30°	56.79	987.67	5.68 %	98.77 %
35°	7.73	995.40	0.77 %	99.54 %
40°	2.11	997.51	0.21 %	99.75 %
45°	1.13	998.64	0.11 %	99.86 %
50°	0.71	999.35	0.07 %	99.93 %
55°	0.42	999.77	0.04 %	99.98 %
60°	0.22	999.99	0.02 %	100.00 %
65°	0.01	1000.00	0.00 %	100.00 %
70°	0.00	1000.00	0.00 %	100.00 %
75°	0.00	1000.00	0.00 %	100.00 %
80°	0.00	1000.00	0.00 %	100.00 %
85°	0.00	1000.00	0.00 %	100.00 %
90°	0.00	1000.00	0.00 %	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 90-6359
Nombre 18 leds lineal

Ensayo

Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	159	143	88	80	136	76	93	79	49	42	31	23	18	12	39	25	22	14	12	21	12	11	0				
0.80	193	177	97	89	168	85	123	107	59	52	40	32	25	19	48	33	30	21	18	28	18	16	0				
1.00	216	201	98	92	191	88	147	131	64	57	46	38	32	25	54	39	36	28	24	34	25	22	0				
1.25	239	225	100	95	215	91	172	156	70	64	53	45	40	32	60	46	43	35	31	41	31	28	0				
1.50	257	244	101	96	233	93	193	177	74	68	59	51	46	38	64	52	49	41	37	46	37	34	0				
2.00	281	270	98	95	257	92	224	209	78	73	66	60	57	49	70	60	57	51	47	55	47	44	0				
2.50	297	287	96	93	274	91	246	233	80	77	72	66	64	57	73	66	63	59	55	60	55	51	0				
3.00	308	300	94	92	286	90	263	250	82	79	76	70	70	63	75	70	67	65	61	65	61	57	0				
4.00	325	318	94	93	305	91	286	276	86	83	82	77	78	72	80	76	74	73	70	72	69	65	0				
5.00	336	330	95	94	316	92	302	293	88	86	86	82	83	78	83	81	79	79	75	77	75	71	0				
10.00	360	357	96	95	343	94	337	332	94	93	95	92	95	92	90	91	90	91	89	87	88	85	0				
20.00	374	373	98	97	358	96	357	354	98	97	100	99	102	100	95	97	96	99	98	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	273	265	183	179	260	177	205	198	143	140	120	117	103	101	138	117	116	102	101	115	101	100	78
0.80	306	296	195	191	289	188	235	227	157	153	135	131	118	115	151	131	130	116	114	128	114	113	87
1.00	319	310	192	188	300	184	250	241	157	154	137	133	122	118	151	133	131	119	117	130	117	115	86
1.25	335	326	191	188	314	183	268	258	160	157	142	138	128	124	153	137	135	124	122	133	121	119	86
1.50	346	337	189	186	323	181	281	270	161	158	145	140	132	127	153	139	137	127	125	134	124	121	85
2.00	345	337	168	166	320	161	285	275	146	143	134	130	124	119	137	127	125	118	115	121	114	110	71
2.50	337	330	146	144	311	140	282	272	129	126	120	115	112	106	120	112	110	105	102	105	99	95	53
3.00	324	317	123	122	297	117	273	264	109	107	102	98	96	91	100	94	92	89	86	87	83	77	34
4.00	314	309	101	100	286	95	267	259	90	88	85	81	81	76	80	76	74	73	70	68	65	59	13
5.00	302	297	81	80	274	74	258	251	71	69	68	65	65	61	61	58	57	56	54	50	48	41	0
10.00	227	224	0	0	196	0	190	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	87	86	0	0	56	0	55	52	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	917	907	855	850	901	847	834	828	803	800	774	771	752	750	798	771	770	751	750	769	750	749	741		
0.80	977	966	900	895	957	891	890	881	849	845	820	816	798	794	842	815	814	795	793	812	793	792	784		
1.00	1000	1000	940	935	1000	930	945	934	894	889	866	861	845	841	884	860	858	842	839	856	839	837	829		
1.25	1000	1000	969	965	1000	959	990	977	927	922	902	896	882	877	916	894	892	877	874	888	873	870	862		
1.50	1000	1000	990	986	1000	979	1000	1000	951	946	928	922	910	904	938	919	917	903	900	912	898	894	886		
2.00	1000	1000	1000	1000	1000	1000	1000	1000	991	987	974	967	959	952	977	962	960	950	946	953	943	936	929		
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	992	984	1000	991	988	981	977	980	972	964	957	
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993	984	978
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
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	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	1000	

LM53 SHR C0-C180: 0.193 SHR C90-C270: 0.193 SHR Superficial: 0.209

Luminaria

Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

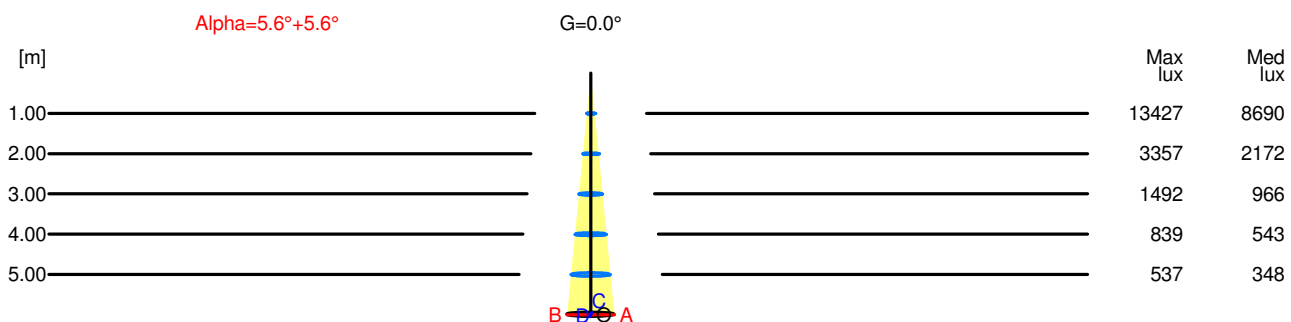
Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

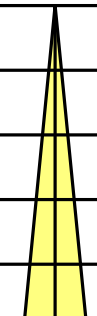

Apertura a 50.00 % de Max Intensidad

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	0.10	0.20	0.29	0.39	0.49	OC	0.10	0.20	0.29	0.39	0.49
OB	0.10	0.20	0.29	0.39	0.49	OD	0.10	0.20	0.29	0.39	0.49

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	13426.60	7728.34	941.61	386.69	9.59	2.29	0.68	0.00	0.00	0.00
OB	13426.60	7728.34	941.61	386.69	9.59	2.29	0.68	0.00	0.00	0.00
OC	13426.60	7728.34	941.61	386.69	9.59	2.29	0.68	0.00	0.00	0.00
OD	13426.60	7728.34	941.61	386.69	9.59	2.29	0.68	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=5.6°+5.6°	G=0.0
1.00	0.20	13427	8690		
2.00	0.39	3357	2172		
3.00	0.59	1492	966		
4.00	0.78	839	543		
5.00	0.98	537	348		

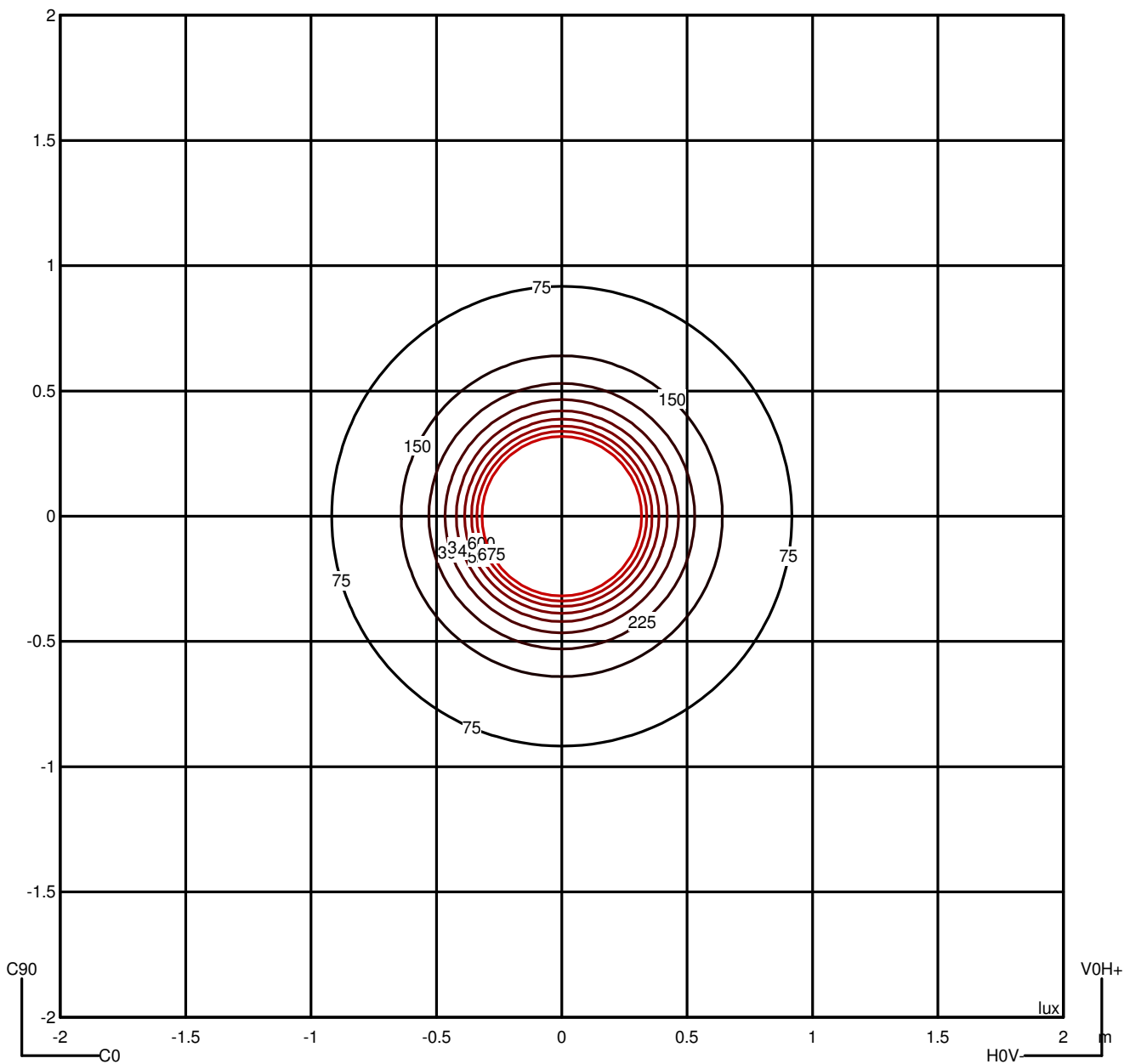
Luminaria

Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Isolux (Suelo)

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

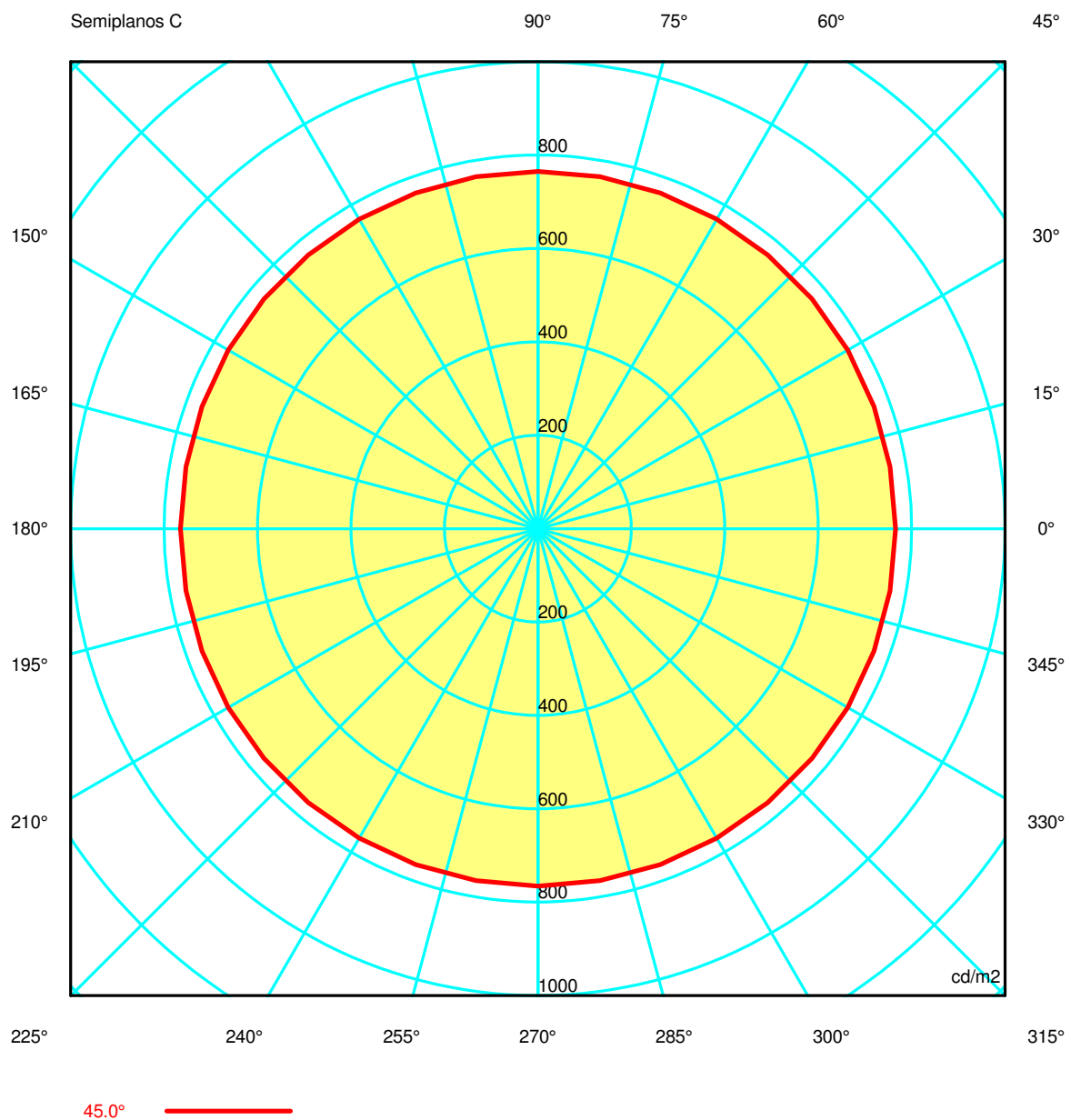


Luminaria

Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 cd/klm	Posición	C=0.00 G=0.00	CG	Rotosimétrico

Luminancia



Luminaria

Código 90-6359
 Nombre 18 leds lineal
Ensayo
 Código 90-6359
 Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30
G 5.0	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44
G 10.0	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34
G 15.0	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26
G 20.0	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36
G 25.0	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30
G 30.0	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09
G 35.0	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47
G 40.0	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86
G 45.0	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39
G 50.0	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52
G 55.0	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76
G 60.0	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37
G 65.0	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
G 70.0	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
G 75.0	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
G 80.0	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
G 85.0	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
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 90-6359
Nombre 18 leds lineal

Ensayo

Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30
G 5.0	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44
G 10.0	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34
G 15.0	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26
G 20.0	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36
G 25.0	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30
G 30.0	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09
G 35.0	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47
G 40.0	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86
G 45.0	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39
G 50.0	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52
G 55.0	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76
G 60.0	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37
G 65.0	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
G 70.0	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
G 75.0	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
G 80.0	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
G 85.0	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
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 90-6359
Nombre 18 leds lineal

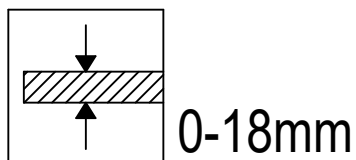
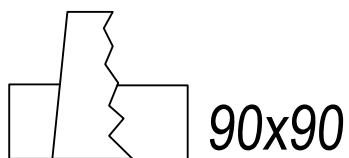
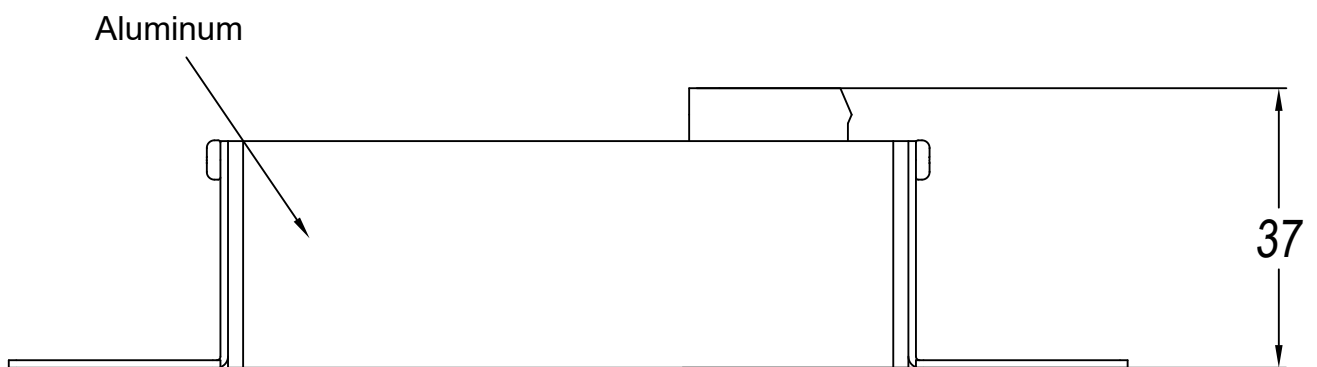
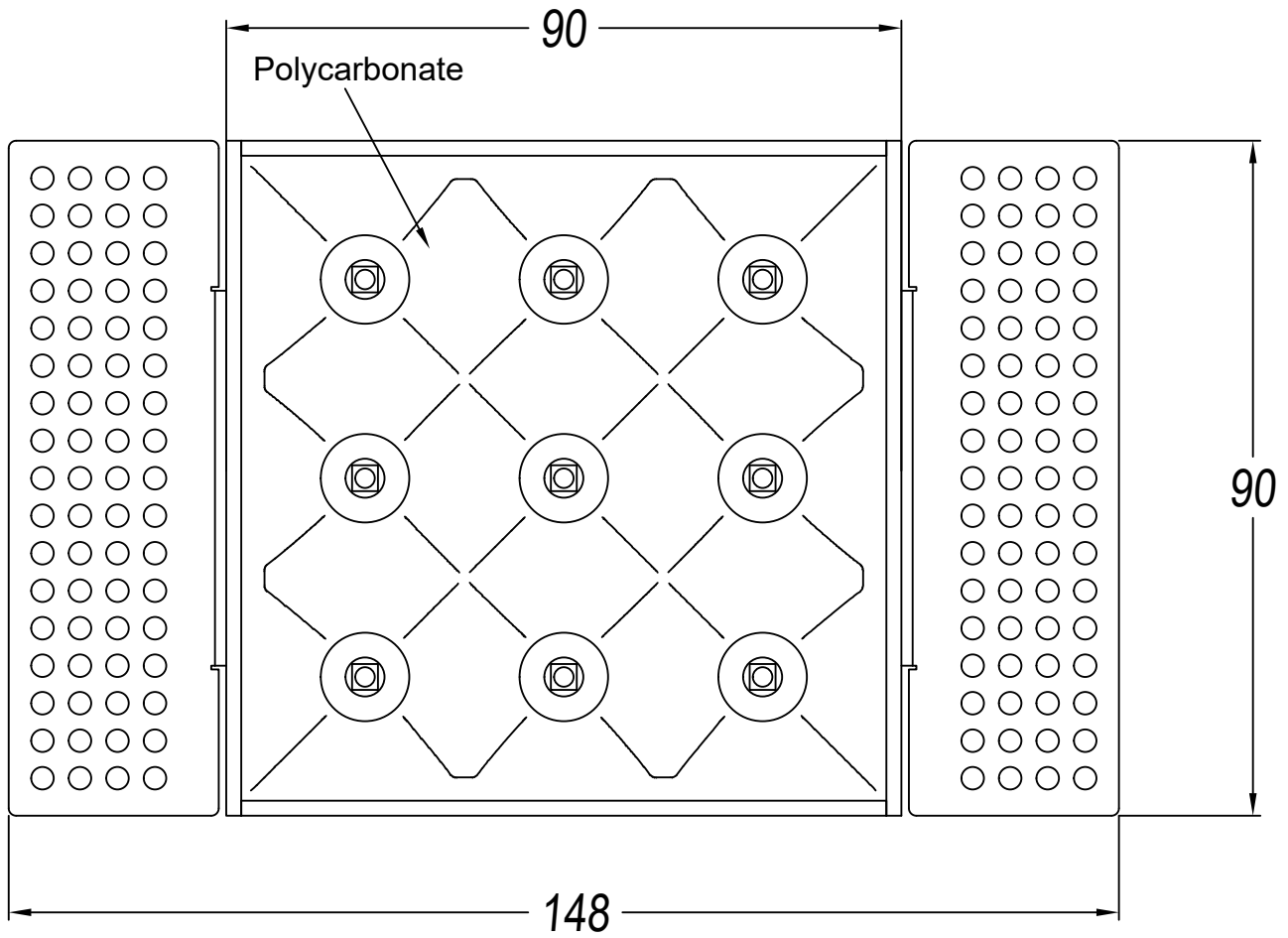
Ensayo

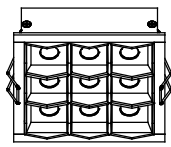
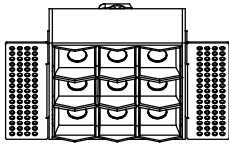
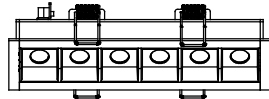
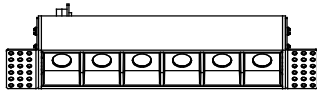
Código 90-6359
Nombre 18 leds lineal

Flujo Luminaria	994.10 lm	Potencia luminaria	23.20 W	Eficacia	42.85 lm/W	Eficiencia	100.00%
Flujo de Lámpara	994.10 lm	Valor Máximo	13506.30 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	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30	3177893.30
G 5.0	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44	1836179.44
G 10.0	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34	527324.34
G 15.0	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26	230727.26
G 20.0	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36	144218.36
G 25.0	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30	100985.30
G 30.0	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09	19734.09
G 35.0	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47	2771.47
G 40.0	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86	1253.86
G 45.0	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39	765.39
G 50.0	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52	472.52
G 55.0	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76	281.76
G 60.0	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37	135.37
G 65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

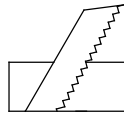




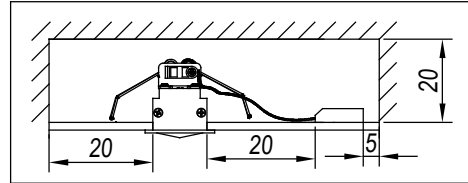
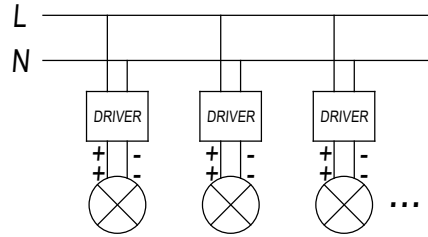
TRIMLESS

- 3LEDS: 36x84mm
- 6LEDS: 36x164mm
- 12LEDS: 36x323mm
- 18LEDS: 36x482mm
- 3X3LEDS: 90x90mm

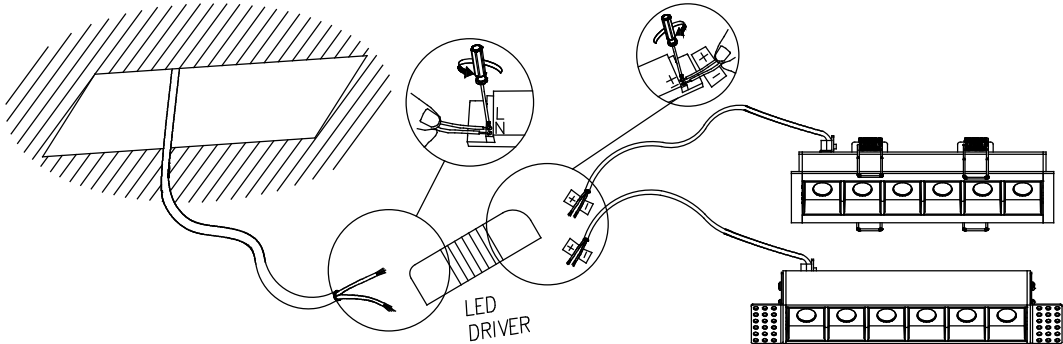
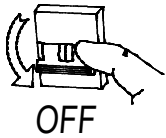
TRIM



- 3LEDS: 40x88mm
- 6LEDS: 40x168mm
- 12LEDS: 40x328mm
- 18LEDS: 40x486mm
- 3X3LEDS: 95x95mm

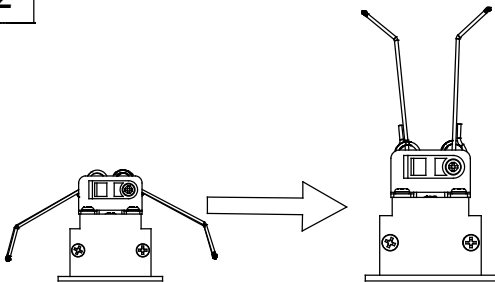


1

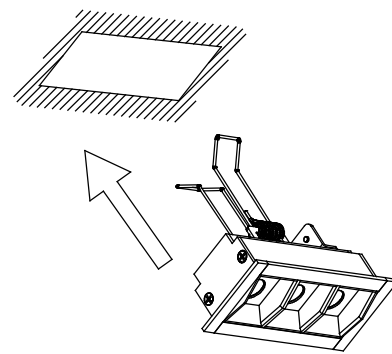


TRIM/CON MARCO

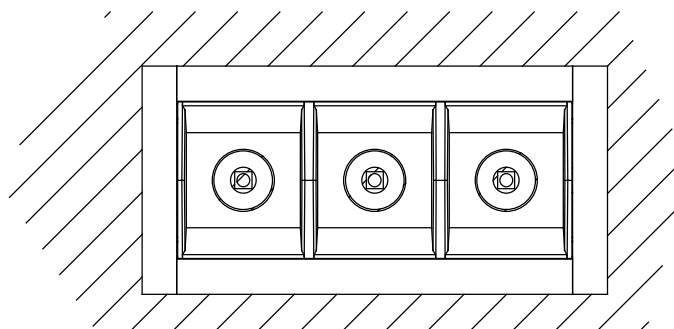
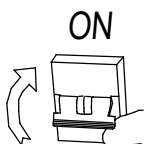
2



3



4



TRIMLESS/SIN MARCO

