

LEDS C4[®]

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

Ensayo

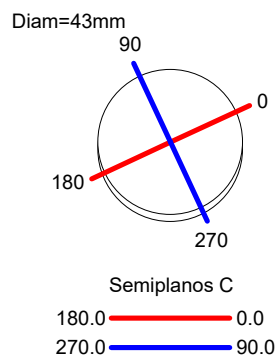
Código 10-E018-J6-CL_2

Nombre JUNCUS

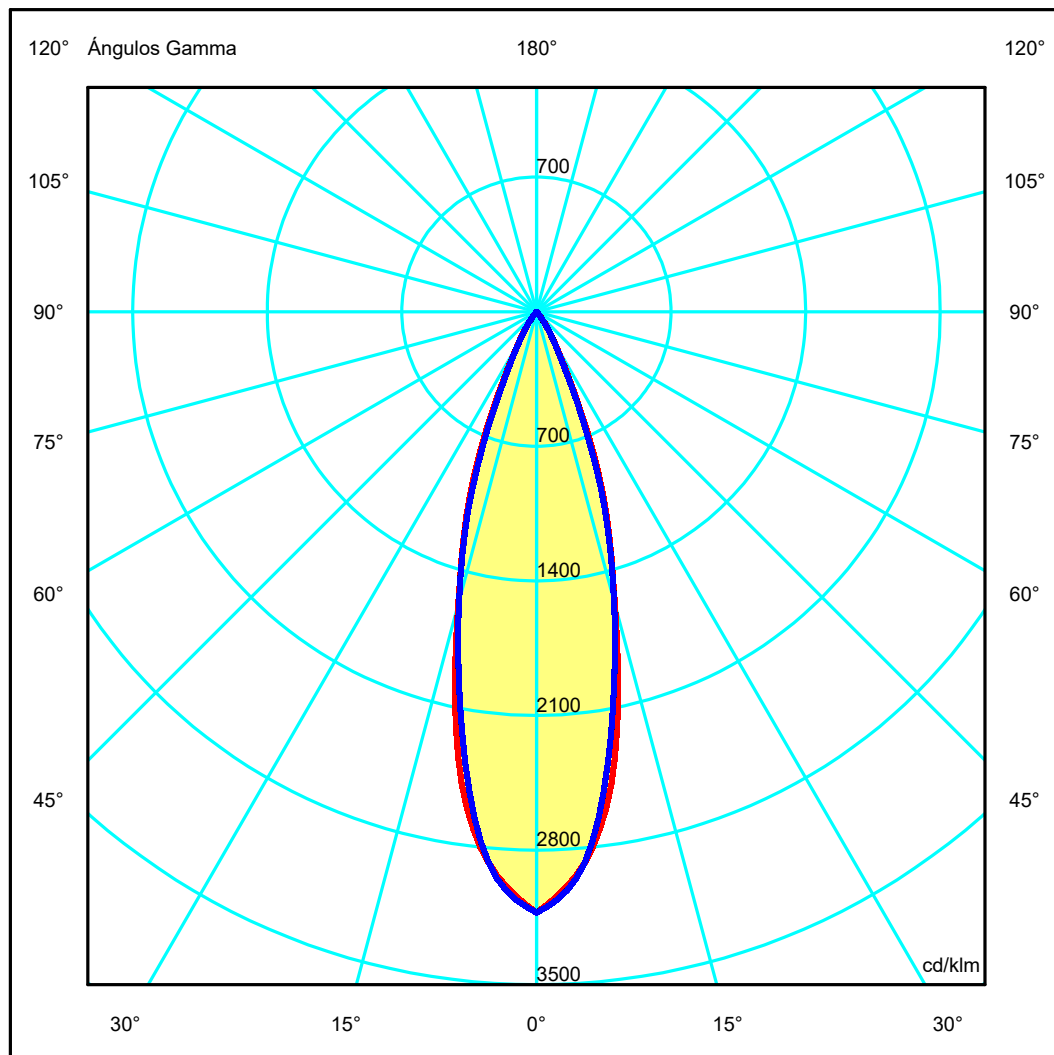
Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	43 mm	Altura	130 mm		
Área Luminosa Redonda		Diam.	38 mm	Altura	0 mm		
Área Luminosa Horizontal		0.001134 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°		0.000274 m2	
Sist. de Coordn.		CG		Tipo de Simetría		Bisimétrico	
Fecha		18-10-2017		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		418 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria

Familia	Código LED	Nombre	Flujo [lm]	Pot. [W]	Cant.
		10-E013-J6-CLV1	418.00	7.60	1
C.I.E.	99 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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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	3125.30	3125.30	3125.30	3125.30	3125.30	3125.30	3125.30
G 5.0	2875.03	2880.89	2889.77	2874.00	2886.27	2872.07	2874.67
G 10.0	2351.17	2310.71	2355.21	2281.56	2313.77	2296.07	2228.53
G 15.0	1574.59	1589.81	1577.27	1564.90	1569.31	1531.62	1558.48
G 20.0	1013.63	1001.07	1013.16	979.98	990.24	977.06	976.32
G 25.0	471.76	443.76	450.86	434.05	447.62	413.15	431.05
G 30.0	194.87	190.95	195.16	185.56	186.42	180.38	181.26
G 35.0	79.90	74.69	79.22	73.29	78.01	69.35	75.69
G 40.0	21.78	21.34	23.00	21.32	23.06	20.86	23.41
G 45.0	9.51	9.34	9.68	9.34	9.82	9.43	9.76
G 50.0	5.68	5.77	5.90	5.74	5.94	5.82	6.01
G 55.0	3.82	3.83	3.93	3.79	3.91	3.80	3.88
G 60.0	2.80	2.99	2.90	2.90	2.94	2.79	2.79
G 65.0	2.22	2.33	2.27	2.19	2.19	2.20	2.17
G 70.0	1.71	1.80	1.79	1.74	1.80	1.74	1.76
G 75.0	1.25	1.35	1.35	1.28	1.32	1.30	1.33
G 80.0	0.99	1.04	1.03	0.97	1.05	1.02	1.05
G 85.0	0.69	0.75	0.78	0.73	0.78	0.77	0.74
G 90.0	0.48	0.56	0.58	0.52	0.53	0.55	0.54

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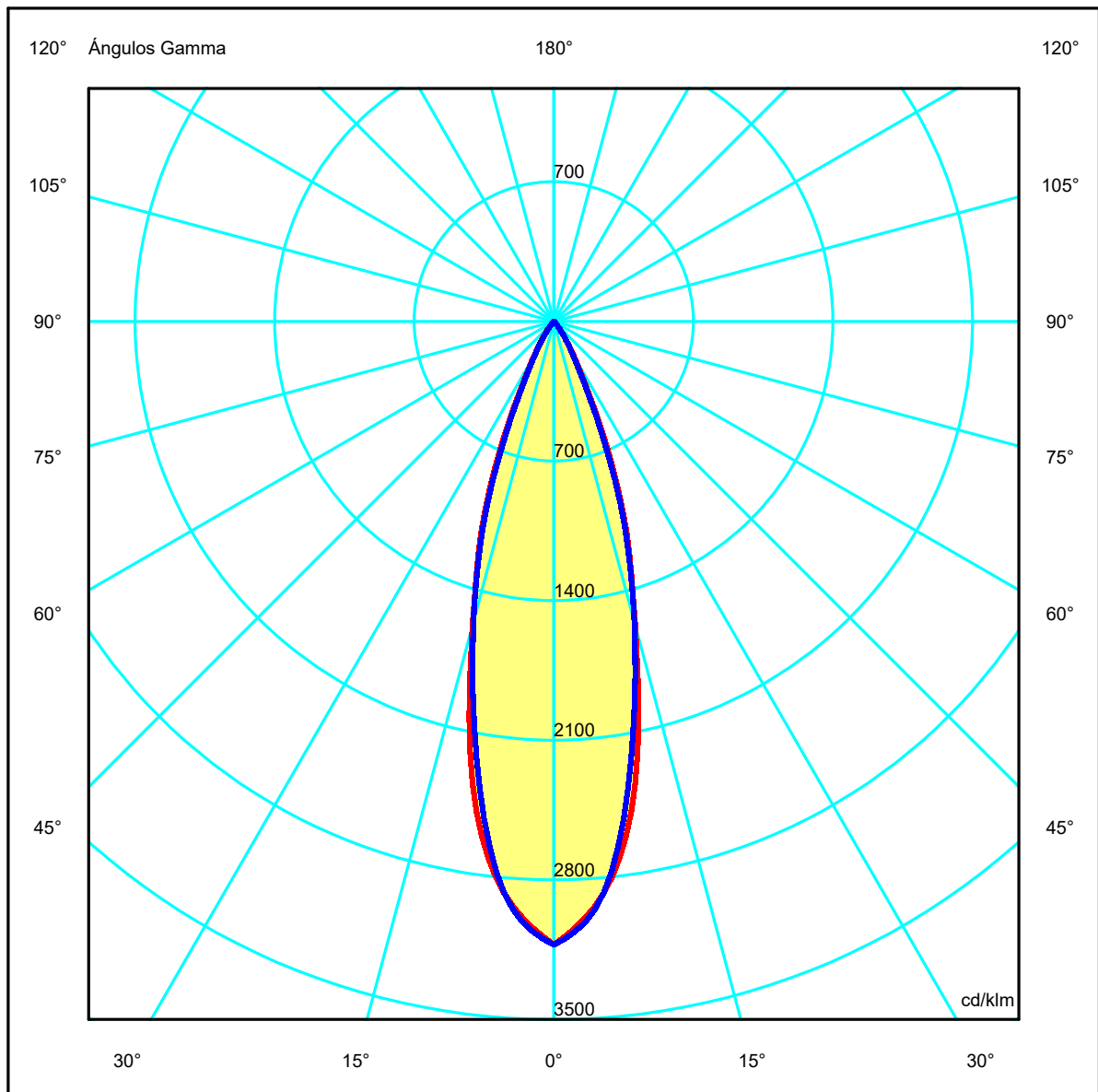
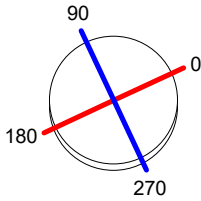
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Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=43mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



LEDS C4²

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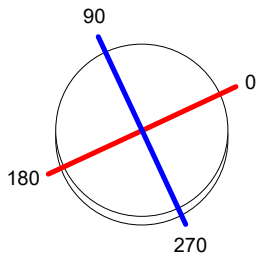
Ensayo

Código 10-E018-J6-CL_2

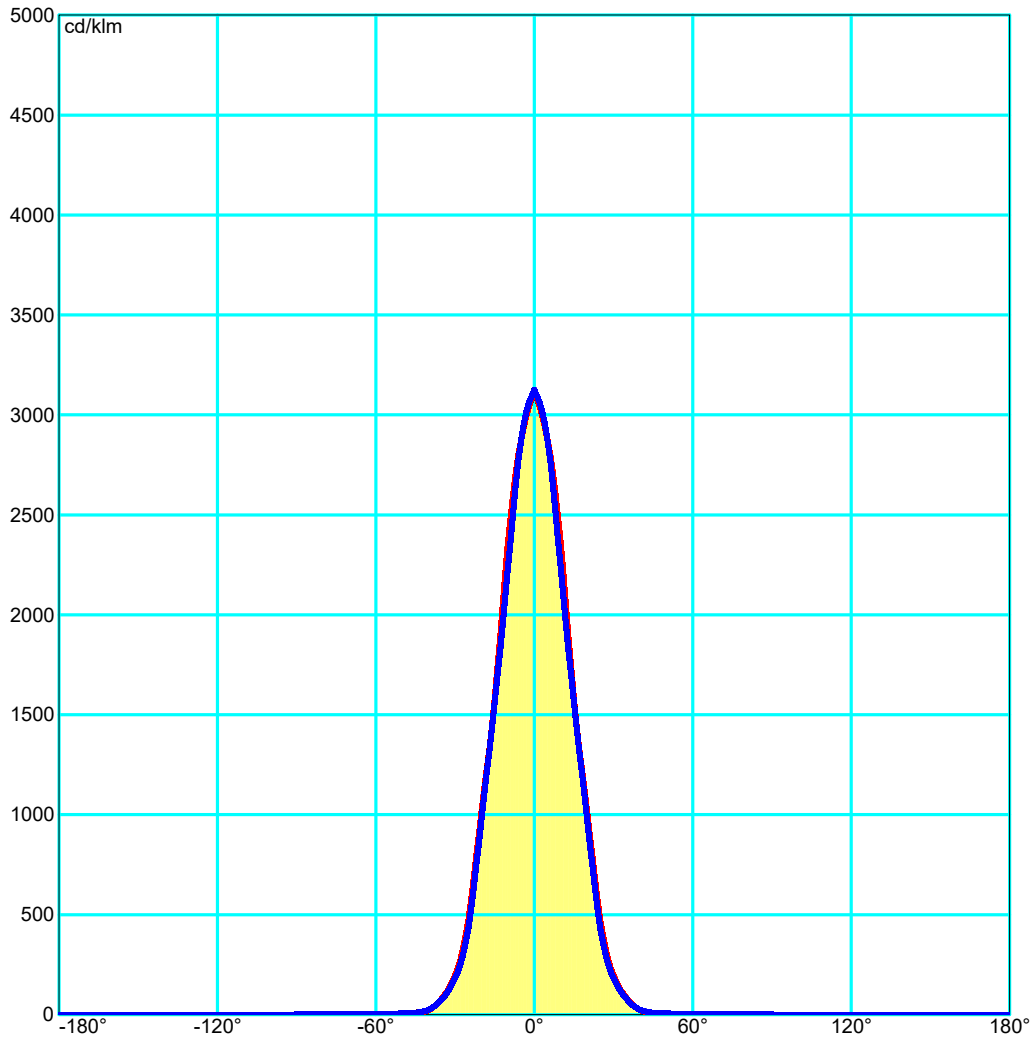
Nombre JUNCUS

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Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=43mm



Semiplanos C



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Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local						Mista Lateral				
x=2H y=2H	11.1	11.7	11.3	11.9	12.1	10.9	11.5	11.1	11.7	11.9
x=2H y=3H	11.1	11.7	11.4	11.9	12.2	10.9	11.5	11.2	11.7	11.9
x=2H y=4H	11.1	11.7	11.4	11.9	12.2	10.9	11.5	11.2	11.7	12.0
x=2H y=6H	11.2	11.7	11.5	12.0	12.2	11.0	11.5	11.3	11.7	12.0
x=2H y=8H	11.2	11.7	11.5	12.0	12.3	11.0	11.5	11.3	11.8	12.1
x=2H y=12H	11.2	11.7	11.6	12.0	12.3	11.1	11.5	11.4	11.8	12.1
x=4H y=2H	11.0	11.5	11.3	11.8	12.0	10.8	11.3	11.1	11.5	11.8
x=4H y=3H	11.0	11.5	11.4	11.8	12.1	10.8	11.3	11.2	11.6	11.9
x=4H y=4H	11.1	11.5	11.5	11.8	12.2	10.9	11.3	11.3	11.6	12.0
x=4H y=6H	11.2	11.5	11.6	11.9	12.3	11.0	11.3	11.4	11.7	12.1
x=4H y=8H	11.3	11.6	11.7	12.0	12.4	11.1	11.4	11.5	11.8	12.2
x=4H y=12H	11.4	11.6	11.8	12.0	12.4	11.2	11.5	11.6	11.9	12.3
x=8H y=4H	11.1	11.4	11.5	11.7	12.1	10.9	11.2	11.3	11.5	11.9
x=8H y=6H	11.3	11.5	11.7	11.9	12.3	11.1	11.3	11.5	11.7	12.1
x=8H y=8H	11.4	11.6	11.9	12.0	12.5	11.2	11.4	11.7	11.8	12.3
x=8H y=12H	11.6	11.7	12.0	12.2	12.7	11.4	11.6	11.9	12.0	12.5
x=12H y=4H	11.1	11.3	11.5	11.7	12.1	10.9	11.1	11.3	11.5	11.9
x=12H y=6H	11.3	11.4	11.7	11.9	12.3	11.1	11.3	11.5	11.7	12.2
x=12H y=8H	11.4	11.5	11.9	12.0	12.5	11.2	11.4	11.7	11.8	12.3

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Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=418.00 Flujo Luminaria=418.00

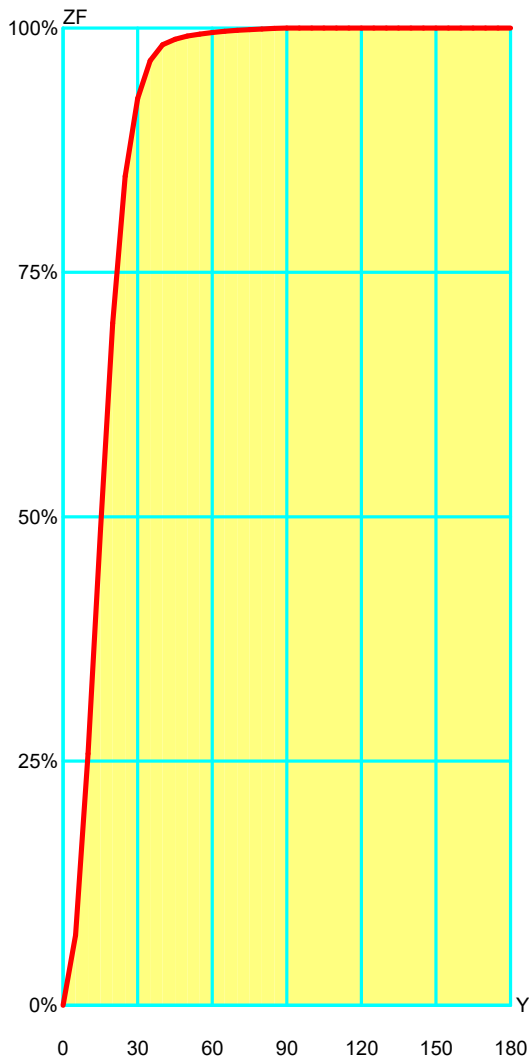
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.73	0.78	0.82	0.86	0.88	0.92	0.95	0.97	0.99	1.00	1.02	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	257	698	928	983	992	995	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
99 100 100 100 100

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°	71.79	71.79	7.18%	7.18%
10°	185.57	257.36	18.56%	25.74%
15°	229.83	487.19	22.98%	48.72%
20°	210.92	698.11	21.09%	69.81%
25°	150.28	848.40	15.03%	84.84%
30°	79.46	927.86	7.95%	92.79%
35°	38.75	966.61	3.88%	96.66%
40°	16.25	982.86	1.63%	98.29%
45°	5.85	988.71	0.58%	98.87%
50°	3.11	991.81	0.31%	99.18%
55°	2.11	993.92	0.21%	99.39%
60°	1.56	995.48	0.16%	99.55%
65°	1.24	996.72	0.12%	99.67%
70°	1.01	997.73	0.10%	99.77%
75°	0.80	998.54	0.08%	99.85%
80°	0.62	999.16	0.06%	99.92%
85°	0.48	999.65	0.05%	99.96%
90°	0.35	1000.00	0.04%	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%

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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	161	144	90	81	137	77	94	80	50	43	31	24	18	12	40	25	22	14	12	21	12	11	0			
0.80	194	178	98	91	169	87	123	108	60	52	40	32	25	19	49	33	30	21	18	29	18	16	0			
1.00	217	202	100	93	192	89	147	131	65	58	47	38	32	25	55	40	36	28	24	35	24	22	0			
1.25	241	226	102	96	216	92	173	157	70	64	54	46	40	32	61	47	43	35	31	41	31	28	0			
1.50	258	245	102	98	234	94	193	178	75	69	59	51	46	38	65	52	49	41	37	47	37	34	0			
2.00	282	271	100	96	258	93	224	210	79	74	67	60	56	49	70	60	57	51	47	55	47	43	0			
2.50	298	288	97	95	275	92	246	233	81	77	72	66	64	57	74	66	63	59	55	61	55	51	0			
3.00	309	300	95	93	287	91	263	251	83	80	76	70	70	63	76	70	68	65	61	65	61	57	0			
4.00	326	319	96	94	305	92	286	276	87	84	82	77	78	72	81	77	75	73	69	72	69	65	0			
5.00	337	331	96	95	317	93	302	293	89	87	86	82	83	78	84	81	79	79	75	77	75	71	0			
10.00	361	358	97	96	343	94	337	332	95	94	95	93	95	92	91	91	90	91	89	88	88	85	0			
20.00	374	373	98	98	358	97	357	354	98	98	100	99	102	100	95	97	96	99	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	278	269	188	184	264	182	208	202	147	143	123	120	106	104	142	120	119	104	103	119	104	103	80
0.80	310	301	201	196	293	193	239	231	161	158	138	135	121	118	155	135	133	119	118	132	118	116	90
1.00	325	315	198	194	306	190	255	246	162	159	142	138	126	122	155	137	136	123	121	134	121	119	89
1.25	341	331	197	194	320	190	273	263	166	162	147	143	132	128	158	142	140	129	126	138	126	124	91
1.50	352	342	195	192	329	188	286	275	167	163	150	145	136	132	158	144	142	132	129	139	128	125	90
2.00	352	343	175	173	327	168	291	281	153	150	140	136	129	124	144	133	131	124	121	127	119	115	76
2.50	344	337	154	152	318	147	288	279	136	133	126	122	118	113	126	118	117	111	108	112	106	101	59
3.00	332	325	132	130	305	125	280	271	117	114	109	105	103	98	107	101	99	96	93	94	89	84	41
4.00	323	317	110	109	295	103	275	267	98	96	93	89	88	84	88	84	82	80	78	76	73	66	21
5.00	312	307	90	89	283	84	267	260	80	79	77	74	74	69	70	67	66	65	62	59	57	49	2
10.00	239	236	0	0	209	0	202	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.00	104	102	0	0	73	0	72	69	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	910	900	849	844	894	841	826	820	795	792	765	762	743	741	790	762	761	742	741	760	741	740	732
0.80	971	960	895	889	951	885	883	874	842	838	812	808	789	786	835	807	806	787	785	804	785	783	775
1.00	1000	1000	935	930	1000	925	938	928	887	883	859	854	838	833	878	853	851	834	832	849	831	829	821
1.25	1000	1000	965	961	1000	955	984	972	922	917	896	890	875	870	910	888	886	870	867	882	866	863	855
1.50	1000	1000	987	982	1000	975	1000	1000	946	942	923	917	904	897	934	914	911	897	894	906	892	887	880
2.00	1000	1000	1000	1000	1000	1000	1000	1000	987	983	969	962	954	946	973	958	955	945	941	948	937	931	924
2.50	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	993	987	980	998	986	984	976	972	976	967	959	953
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	995	989	979	973
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	990
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999
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: 0.499 SHR C90-C270: 0.489 SHR Superficial: 0.526

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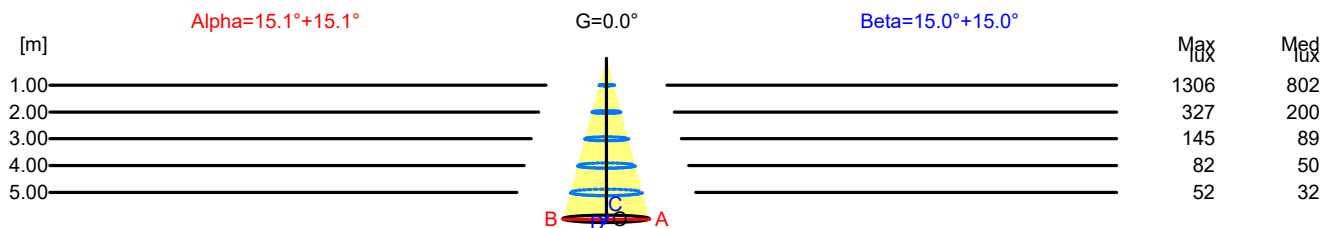
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Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	0.27	0.54	0.81	1.08	1.35	OC	0.27	0.53	0.80	1.07	1.34
OB	0.27	0.54	0.81	1.08	1.35	OD	0.27	0.53	0.80	1.07	1.34

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1306.38	1201.76	658.18	197.20	33.40	3.98	1.59	0.93	0.52	0.29
OB	1306.38	1201.76	658.18	197.20	33.40	3.98	1.59	0.93	0.52	0.29
OC	1306.38	1201.61	651.44	180.18	31.64	4.08	1.62	0.91	0.55	0.31
OD	1306.38	1201.61	651.44	180.18	31.64	4.08	1.62	0.91	0.55	0.31



H[m]	D[m]	Max lux	Med lux	Alpha=15.1°+15.1°	G=0.0
1.00	0.54	1306	802		
2.00	1.08	327	200		
3.00	1.62	145	89		
4.00	2.16	82	50		
5.00	2.70	52	32		

H[m]	D[m]	Max lux	Med lux	Beta=15.0°+15.0°	G=0.0
1.00	0.53	1306	802		
2.00	1.07	327	200		
3.00	1.60	145	89		
4.00	2.14	82	50		
5.00	2.67	52	32		

LEDS C4[®]

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

Ensayo

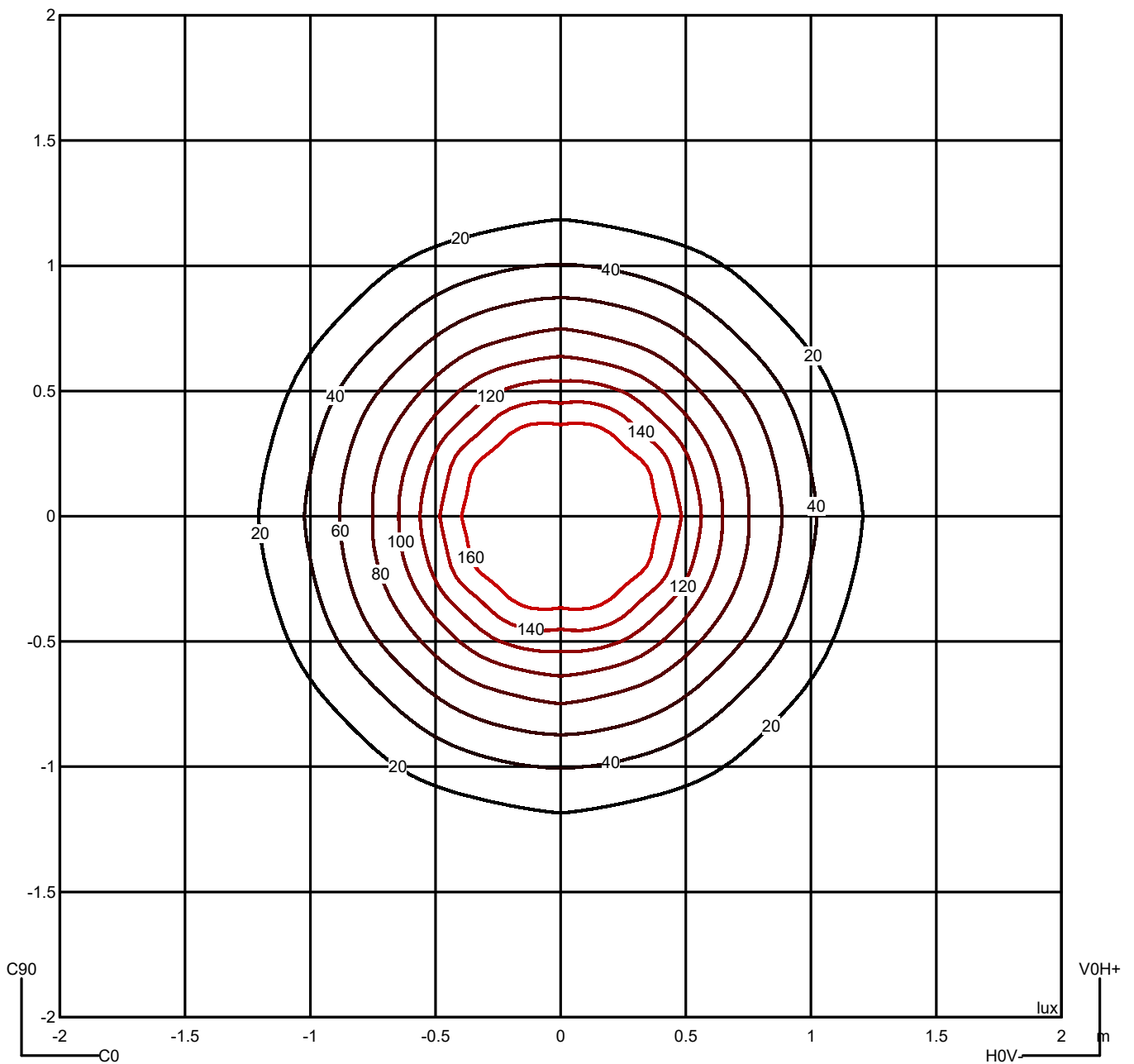
Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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



LEDS C4²

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

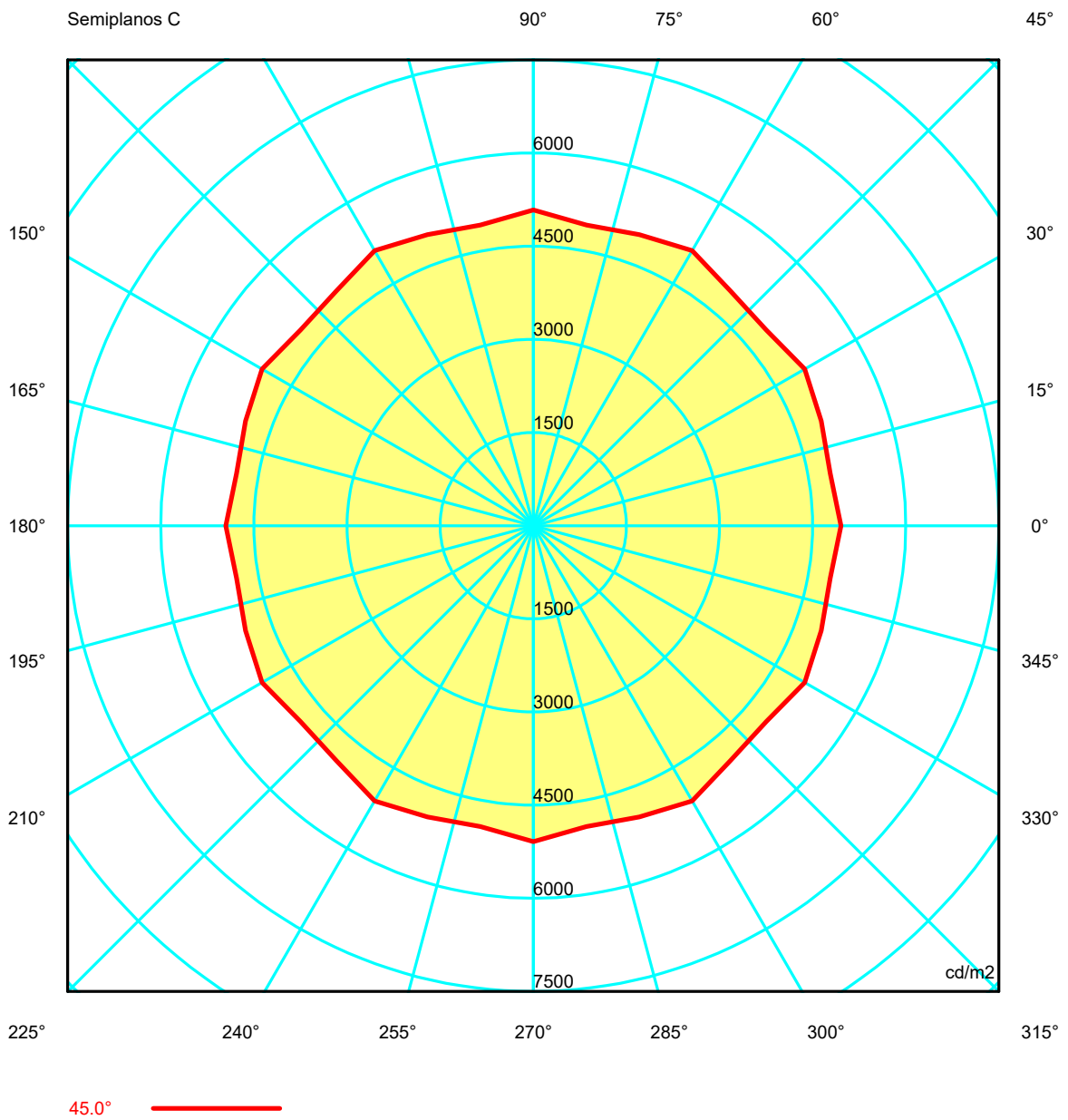
Ensayo

Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminancia



LEDS C4⁺

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

Ensayo

Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%						
Flujo Fuente	418 lm	Valor Máximo	3125.30 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	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38
G 5.0	1063695.94	1064692.87	1067616.11	1069150.11	1064666.17	1064387.48	1067853.53	1064642.84	1061953.53	1063561.69	1061953.53	1064642.84	1067853.53
G 10.0	879936.88	865203.25	871133.34	881447.94	862383.25	854199.21	865938.72	864908.64	851863.10	834038.41	851863.10	864908.64	865938.72
G 15.0	600819.59	605655.44	606045.95	601840.80	597504.78	597682.51	598804.68	588324.78	584926.20	594670.23	584926.20	588324.78	598804.68
G 20.0	397568.77	392712.72	394819.15	397383.91	388183.97	384417.62	388397.08	385459.52	383129.20	382933.51	383129.20	385459.52	388397.08
G 25.0	191851.60	182448.42	181179.70	183352.61	177950.39	178425.18	182035.09	172420.77	167696.48	175296.90	167696.48	172420.77	182035.09
G 30.0	82935.73	81285.64	82023.62	83057.38	80257.82	78776.27	79339.03	77664.66	76476.41	77140.25	76476.41	77664.66	79339.03
G 35.0	35950.91	33778.64	34325.34	35642.80	33618.33	33586.77	35097.68	32428.07	31281.28	34055.95	31281.28	32428.07	35097.68
G 40.0	10480.96	10177.14	10583.78	11067.40	10440.17	10495.83	11093.03	10355.02	10153.38	11262.96	10153.38	10355.02	11093.03
G 45.0	4956.97	4855.93	4934.44	5044.82	4901.74	4935.98	5118.07	4988.29	4919.06	5087.55	4919.06	4988.29	5118.07
G 50.0	3256.98	3282.65	3346.46	3384.92	3309.23	3318.89	3403.16	3360.26	3350.44	3447.96	3350.44	3360.26	3403.16
G 55.0	2451.46	2457.67	2490.57	2526.64	2459.97	2454.66	2510.66	2468.10	2442.34	2490.49	2442.34	2468.10	2510.66
G 60.0	2065.73	2179.45	2193.19	2134.54	2125.52	2159.72	2167.08	2090.54	2040.74	2060.15	2040.74	2090.54	2167.08
G 65.0	1931.73	2015.60	2032.53	1983.37	1929.18	1902.92	1907.07	1920.33	1917.98	1896.69	1917.98	1920.33	1907.07
G 70.0	1846.41	1918.42	1948.31	1925.11	1881.35	1895.02	1934.97	1898.37	1872.36	1899.05	1872.36	1898.37	1934.97
G 75.0	1774.60	1880.60	1938.81	1919.18	1838.95	1826.90	1874.08	1856.54	1848.02	1887.50	1848.02	1856.54	1874.08
G 80.0	2111.66	2178.11	2217.86	2185.63	2076.03	2102.82	2222.29	2185.09	2160.83	2238.46	2160.83	2185.09	2222.29
G 85.0	2913.43	3074.58	3251.39	3315.72	3135.81	3112.33	3282.74	3293.35	3213.47	3133.75	3213.47	3293.35	3282.74
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

LEDS C4⁺

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

Ensayo

Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 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	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38
G 5.0	1064387.48	1064666.17	1069150.11	1067616.11	1064692.87	1063695.94	1064692.87	1067616.11	1069150.11	1064666.17	1064387.48	1067853.53	1064642.84
G 10.0	854199.21	862383.25	881447.94	871133.34	865203.25	879936.88	865203.25	871133.34	881447.94	862383.25	854199.21	865938.72	864908.64
G 15.0	597682.51	597504.78	601840.80	606045.95	605655.44	600819.59	605655.44	606045.95	601840.80	597504.78	597682.51	598804.68	588324.78
G 20.0	384417.62	388183.97	397383.91	394819.15	392712.72	397568.77	392712.72	394819.15	397383.91	388183.97	384417.62	388397.08	385459.52
G 25.0	178425.18	177950.39	183352.61	181179.70	182448.42	191851.60	182448.42	181179.70	183352.61	177950.39	178425.18	182035.09	172420.77
G 30.0	78776.27	80257.82	83057.38	82023.62	81285.64	82935.73	81285.64	82023.62	83057.38	80257.82	78776.27	79339.03	77664.66
G 35.0	33586.77	33618.33	35642.80	34325.34	33778.64	35950.91	33778.64	34325.34	35642.80	33618.33	33586.77	35097.68	32428.07
G 40.0	10495.83	10440.17	11067.40	10583.78	10177.14	10480.96	10177.14	10583.78	11067.40	10440.17	10495.83	11093.03	10355.02
G 45.0	4935.98	4901.74	5044.82	4934.44	4855.93	4956.97	4855.93	4934.44	5044.82	4901.74	4935.98	5118.07	4988.29
G 50.0	3318.89	3309.23	3384.92	3346.46	3282.65	3256.98	3282.65	3346.46	3384.92	3309.23	3318.89	3403.16	3360.26
G 55.0	2454.66	2459.97	2526.64	2490.57	2457.67	2451.46	2457.67	2490.57	2526.64	2459.97	2454.66	2510.66	2468.10
G 60.0	2159.72	2125.52	2134.54	2193.19	2179.45	2065.73	2179.45	2193.19	2134.54	2125.52	2159.72	2167.08	2090.54
G 65.0	1902.92	1929.18	1983.37	2032.53	2015.60	1931.73	2015.60	2032.53	1983.37	1929.18	1902.92	1907.07	1920.33
G 70.0	1895.02	1881.35	1925.11	1948.31	1918.42	1846.41	1918.42	1948.31	1925.11	1881.35	1895.02	1934.97	1898.37
G 75.0	1826.90	1838.95	1919.18	1938.81	1880.60	1774.60	1880.60	1938.81	1919.18	1838.95	1826.90	1874.08	1856.54
G 80.0	2102.82	2076.03	2185.63	2217.86	2178.11	2111.66	2178.11	2217.86	2185.63	2076.03	2102.82	2222.29	2185.09
G 85.0	3112.33	3135.81	3315.72	3251.39	3074.58	2913.43	3074.58	3251.39	3315.72	3135.81	3112.33	3282.74	3293.35
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

LEDS C4[®]

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

Ensayo

Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 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	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38	1151890.38
G 5.0	1061953.53	1063561.69	1061953.53	1064642.84	1067853.53	1064387.48	1064666.17	1069150.11	1067616.11	1064692.87
G 10.0	851863.10	834038.41	851863.10	864908.64	865938.72	854199.21	862383.25	881447.94	871133.34	865203.25
G 15.0	584926.20	594670.23	584926.20	588324.78	598804.68	597682.51	597504.78	601840.80	606045.95	605655.44
G 20.0	383129.20	382933.51	383129.20	385459.52	388397.08	384417.62	388183.97	397383.91	394819.15	392712.72
G 25.0	167696.48	175296.90	167696.48	172420.77	182035.09	178425.18	177950.39	183352.61	181179.70	182448.42
G 30.0	76476.41	77140.25	76476.41	77664.66	79339.03	78776.27	80257.82	83057.38	82023.62	81285.64
G 35.0	31281.28	34055.95	31281.28	32428.07	35097.68	33586.77	33618.33	35642.80	34325.34	33778.64
G 40.0	10153.38	11262.96	10153.38	10355.02	11093.03	10495.83	10440.17	11067.40	10583.78	10177.14
G 45.0	4919.06	5087.55	4919.06	4988.29	5118.07	4935.98	4901.74	5044.82	4934.44	4855.93
G 50.0	3350.44	3447.96	3350.44	3360.26	3403.16	3318.89	3309.23	3384.92	3346.46	3282.65
G 55.0	2442.34	2490.49	2442.34	2468.10	2510.66	2454.66	2459.97	2526.64	2490.57	2457.67
G 60.0	2040.74	2060.15	2040.74	2090.54	2167.08	2159.72	2125.52	2134.54	2193.19	2179.45
G 65.0	1917.98	1896.69	1917.98	1920.33	1907.07	1902.92	1929.18	1983.37	2032.53	2015.60
G 70.0	1872.36	1899.05	1872.36	1898.37	1934.97	1895.02	1881.35	1925.11	1948.31	1918.42
G 75.0	1848.02	1887.50	1848.02	1856.54	1874.08	1826.90	1838.95	1919.18	1938.81	1880.60
G 80.0	2160.83	2238.46	2160.83	2185.09	2222.29	2102.82	2076.03	2185.63	2217.86	2178.11
G 85.0	3213.47	3133.75	3213.47	3293.35	3282.74	3112.33	3135.81	3315.72	3251.39	3074.58
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LEDS C4⁺

Luminaria

Código 10-E018-J6-CL_2

Nombre JUNCUS

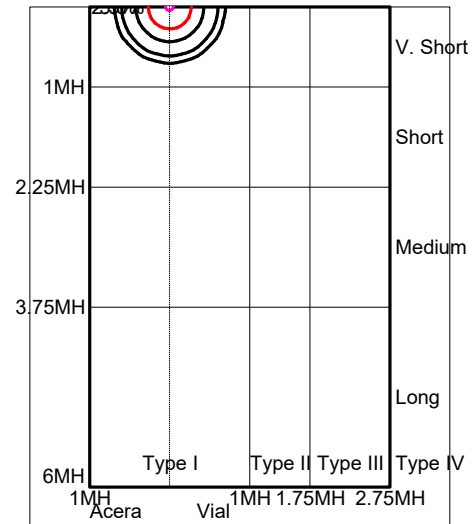
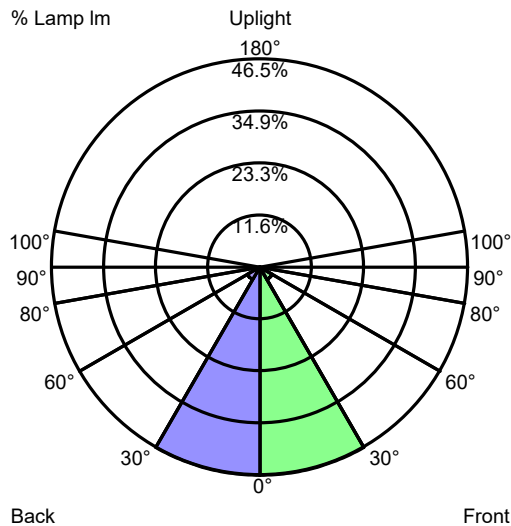
Ensayo

Código 10-E018-J6-CL_2

Nombre JUNCUS

Flujo Luminaria	418 lm	Potencia Luminaria	7.6 W	Eficacia	55.000 lm/W	Eficiencia	100.00%
Flujo Fuente	418 lm	Valor Máximo	3125.30 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	194.5 lm	46.5 %	46.5 %
FM	30° -- 60°	13.5 lm	3.2 %	3.2 %
FH	60° -- 80°	0.8 lm	0.2 %	0.2 %
FVH	80° -- 90°	0.2 lm	0.0 %	0.0 %
BL	0° -- 30°	194.5 lm	46.5 %	46.5 %
BM	30° -- 60°	13.5 lm	3.2 %	3.2 %
BH	60° -- 80°	0.8 lm	0.2 %	0.2 %
BVH	80° -- 90°	0.2 lm	0.0 %	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		418.0 lm	100.0 %	100.0 %
BUG B1 U0 G0 Type V Very Short Quadrilateral Symmetry				