

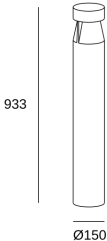


REK

Francesc Vilaró

55-E035-14-CK

Baliza IP66 REK LED 35.9W 2700K Blanco 918lm



CARACTERÍSTICAS TÉCNICAS



Consumo total de la luminaria (W) : 40W
Lúmenes reales : 918
Lm / W reales : 23
Temperatura de color correlacionada (CCT) : Blanco cálido - 2700K
Material de la estructura : Aluminio
Acabado estructura : Blanco
Material del difusor : Policarbonato
Acabado difusor : Transparente

Marca Driver : VOSSLOH-SCHWABE
Voltaje / Frecuencia : 100-240V/50-60Hz
Protocolo de regulación : ON-OFF
Power Factor : 0.96
Vida útil : 50.000h L80B20
Garantía : 5 Años
Resistencia ambientes marinos : Sí

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)
LED	1	35.9W

LOGÍSTICA

Peso neto (Kg): 5.29
Peso embalado (Kg): 5.69
Embalaje: 190mm x 190mm x 990mm



1 Un



71-E092-48-48

Pernos de fijación al suelo

Material de la estructura: Acero

Medidas: NA x NA x NA

Peso neto (Kg): 0.23

LEDS C4⁺

Luminaria

Código 55-E035-14-CK

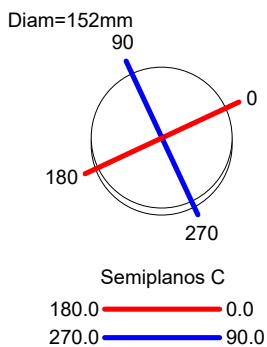
Nombre REK

Ensayo

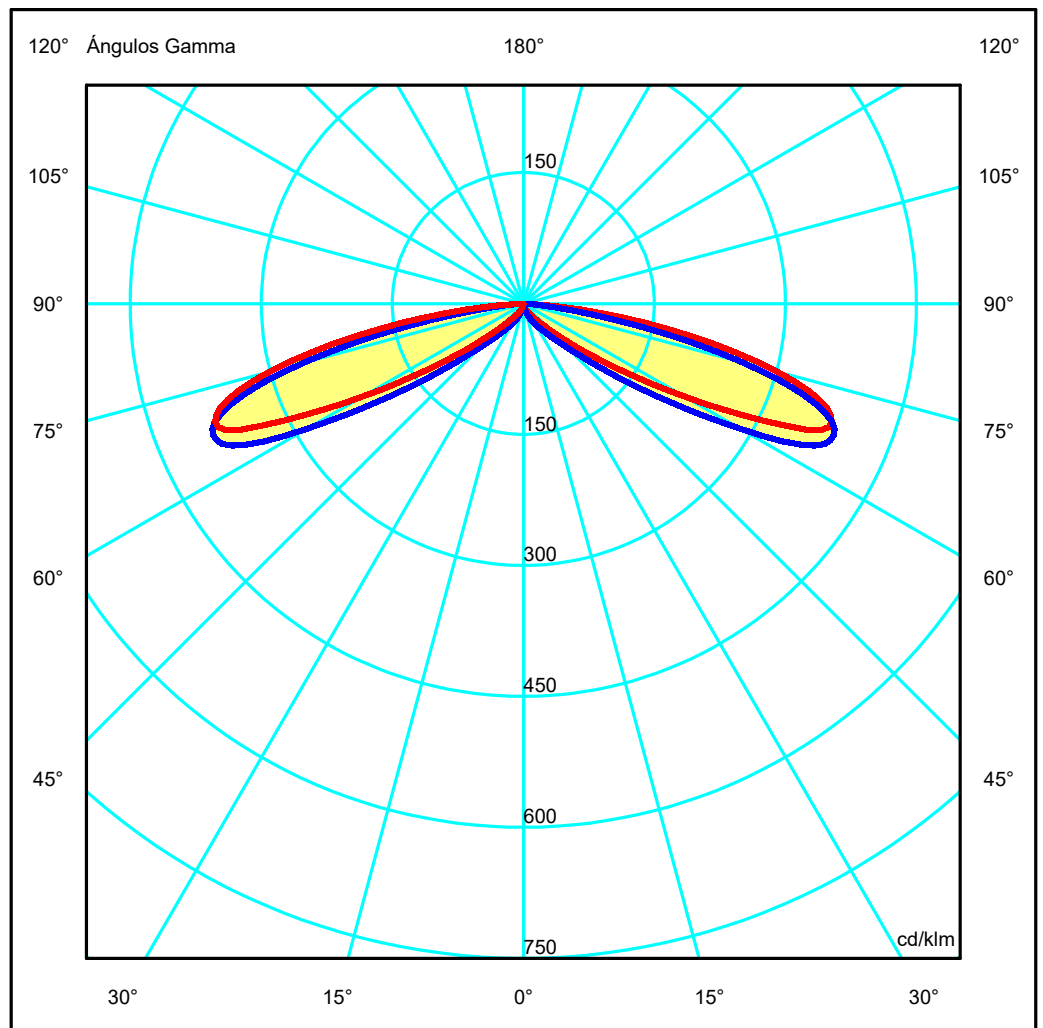
Código 55-E035-14-CK

Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180
Luminaria Redonda		Diam.	152 mm	Altura	900 mm		
Área Luminosa Redonda		Diam.	93 mm	Altura	0 mm		
Área Luminosa Horizontal		0.006793 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°		0.001643 m2	
Sist. de Coordin.		CG		Tipo de Simetría		Sim. en los planos 0-180	
Fecha		06-10-2021		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		918 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							
Fuentes de luz de la Luminaria							
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.		
			918.00	40.00	1		
C.I.E.	4 27 85 100 100	D DIN 5040	A10				
F UTE	--	B NBN	BZ 10 / 2.5 / BZ 9 / 3 / BZ 8				



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



LEDS C4⁺

Luminaria

Código 55-E035-14-CK

Nombre REK

Ensayo

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Nombre REK

Flujo Luminaria	918 lm		Potencia Luminaria		40.0 W		Eficacia		22.950 lm/W		Eficiencia		100.00%		
Flujo Fuente	918 lm		Valor Máximo		473.85 cd/klm		Posición		C=45.00 G=66.00		CG Sim. en los planos 0-180				
Tabla de Intensidad Luminosa cd/klm														Tabla 1/2	
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00		
G 0.0	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
G 1.0	0.08	0.07	0.24	0.14	0.25	0.19	0.26	0.19	0.25	0.14	0.24	0.07	0.08	0.08	0.08
G 2.0	0.21	0.24	0.44	0.41	0.47	0.40	0.49	0.40	0.47	0.41	0.44	0.24	0.21	0.21	0.21
G 3.0	0.35	0.35	0.58	0.62	0.61	0.63	0.70	0.63	0.61	0.62	0.58	0.35	0.35	0.35	0.35
G 4.0	0.41	0.48	0.74	0.82	0.84	0.86	0.94	0.86	0.84	0.82	0.74	0.48	0.41	0.41	0.41
G 5.0	0.53	0.64	1.07	1.08	1.19	1.20	1.28	1.20	1.19	1.08	1.07	0.64	0.53	0.53	0.53
G 6.0	0.71	0.82	1.46	1.48	1.62	1.59	1.68	1.59	1.62	1.48	1.46	0.82	0.71	0.71	0.71
G 7.0	0.98	1.13	2.02	2.05	2.22	2.12	2.23	2.12	2.22	2.05	2.02	1.13	0.98	0.98	0.98
G 8.0	1.30	1.47	2.55	2.57	2.70	2.69	2.77	2.69	2.70	2.57	2.55	1.47	1.30	1.30	1.30
G 9.0	1.63	1.83	2.93	2.90	3.10	3.12	3.30	3.12	3.10	2.90	2.93	1.83	1.63	1.63	1.63
G 10.0	1.88	2.10	3.50	3.37	3.51	3.58	3.85	3.58	3.51	3.37	3.50	2.10	1.88	1.88	1.88
G 11.0	2.12	2.51	4.36	4.32	4.60	4.53	4.51	4.53	4.60	4.32	4.36	2.51	2.12	2.12	2.12
G 12.0	2.67	3.18	5.71	5.69	6.10	5.56	5.22	5.56	6.10	5.69	5.71	3.18	2.67	2.67	2.67
G 13.0	3.28	3.81	6.52	6.62	7.00	6.66	6.34	6.66	7.00	6.62	6.52	3.81	3.28	3.28	3.28
G 14.0	4.00	4.40	7.29	7.48	7.73	7.54	7.74	7.54	7.73	7.48	7.29	4.40	4.00	4.00	4.00
G 15.0	4.44	4.96	8.14	8.26	8.49	8.35	8.91	8.35	8.49	8.26	8.14	4.96	4.44	4.44	4.44
G 16.0	4.79	5.56	9.10	9.15	9.32	9.37	9.94	9.37	9.32	9.15	9.10	5.56	4.79	4.79	4.79
G 17.0	5.10	6.15	10.06	9.98	10.18	10.42	10.87	10.42	10.18	9.98	10.06	6.15	5.10	5.10	5.10
G 18.0	5.55	6.70	11.10	10.90	11.11	11.48	11.88	11.48	11.11	10.90	11.10	6.70	5.55	5.55	5.55
G 19.0	6.05	7.25	12.17	11.83	12.05	12.57	12.95	12.57	12.05	11.83	12.17	7.25	6.05	6.05	6.05
G 20.0	6.58	7.82	13.24	12.80	13.08	13.65	14.08	13.65	13.08	12.80	13.24	7.82	6.58	6.58	6.58
G 21.0	7.15	8.45	14.33	13.84	14.15	14.78	15.21	14.78	14.15	13.84	14.33	8.45	7.15	7.15	7.15
G 22.0	7.73	9.09	15.37	14.84	15.25	15.92	16.42	15.92	15.25	14.84	15.37	9.09	7.73	7.73	7.73
G 23.0	8.39	9.84	16.46	15.93	16.40	17.15	17.66	17.15	16.40	15.93	16.46	9.84	8.39	8.39	8.39
G 24.0	9.02	10.56	17.50	16.96	17.57	18.36	18.92	18.36	17.57	16.96	17.50	10.56	9.02	9.02	9.02
G 25.0	9.73	11.39	18.61	18.10	18.82	19.66	20.28	19.66	18.82	18.10	18.61	11.39	9.73	9.73	9.73
G 26.0	10.43	12.17	19.71	19.20	20.04	20.97	21.65	20.97	20.04	19.20	19.71	12.17	10.43	10.43	10.43
G 27.0	11.20	13.05	20.89	20.39	21.36	22.34	23.08	22.34	21.36	20.39	20.89	13.05	11.20	11.20	11.20
G 28.0	11.98	13.94	22.11	21.59	22.72	23.79	24.57	23.79	22.72	21.59	22.11	13.94	11.98	11.98	11.98
G 29.0	12.78	14.89	23.47	22.80	24.07	25.23	26.06	25.23	24.07	22.80	23.47	14.89	12.78	12.78	12.78
G 30.0	13.67	15.90	24.91	23.99	25.35	26.73	27.60	26.73	25.35	23.99	24.91	15.90	13.67	13.67	13.67
G 31.0	14.56	16.91	26.37	25.18	26.61	28.24	29.20	28.24	26.61	25.18	26.37	16.91	14.56	14.56	14.56
G 32.0	15.56	18.08	28.08	26.59	28.06	29.84	30.90	29.84	28.06	26.59	28.08	18.08	15.56	15.56	15.56
G 33.0	16.52	19.21	29.78	28.10	29.68	31.48	32.66	31.48	29.68	28.10	29.78	19.21	16.52	16.52	16.52
G 34.0	17.57	20.56	31.82	29.93	31.60	33.28	34.56	33.28	31.60	29.93	31.82	20.56	17.57	17.57	17.57
G 35.0	18.65	21.94	33.92	31.81	33.73	35.30	36.54	35.30	33.73	31.81	33.92	21.94	18.65	18.65	18.65
G 36.0	19.94	23.57	36.44	34.09	36.14	37.51	38.75	37.51	36.14	34.09	36.44	23.57	19.94	19.94	19.94
G 37.0	21.34	25.28	39.13	36.54	38.78	39.99	41.10	39.99	38.78	36.54	39.13	25.28	21.34	21.34	21.34
G 38.0	22.95	27.24	42.21	39.42	41.77	42.71	43.80	42.71	41.77	39.42	42.21	27.24	22.95	22.95	22.95
G 39.0	24.86	29.45	45.76	42.72	45.13	45.75	46.73	45.75	45.13	42.72	45.76	29.45	24.86	24.86	24.86
G 40.0	26.90	31.94	49.65	46.50	49.02	49.12	50.11	49.12	49.02	46.50	49.65	31.94	26.90	26.90	26.90
G 41.0	29.26	34.76	54.29	50.86	53.46	52.98	53.73	52.98	53.46	50.86	54.29	34.76	29.26	29.26	29.26
G 42.0	31.82	37.95	59.37	55.83	58.40	57.21	57.52	57.21	58.40	55.83	59.37	37.95	31.82	31.82	31.82
G 43.0	34.99	41.62	65.30	61.52	64.15	61.97	61.55	61.97	64.15	61.52	65.30	41.62	34.99	34.99	34.99
G 44.0	38.44	45.58	71.09	67.79	70.44	67.24	66.37	67.24	70.44	67.79	71.09	45.58	38.44	38.44	38.44
G 45.0	42.59	50.40	76.88	75.01	77.73	73.30	71.99	73.30	77.73	75.01	76.88	50.40	42.59	42.59	42.59
G 46.0	47.15	55.51	83.61	83.13	85.85	80.17	78.31	80.17	85.85	83.13	83.61	55.51	47.15	47.15	47.15
G 47.0	52.50	61.41	92.02	92.58	95.20	88.02	85.37	88.02	95.20	92.58	92.02	61.41	52.50	52.50	52.50
G 48.0	58.57	68.10	101.99	103.21	105.58	96.74	93.31	96.74	105.58	103.21	101.99	68.10	58.57	58.57	58.57
G 49.0	65.18	75.77	113.17	115.37	117.49	106.64	102.44	106.64	117.49	115.37	113.17	75.77	65.18	65.18	65.18
G 50.0	73.02	84.54	125.77	128.88	130.78	117.76	112.62	117.76	130.78	128.88	125.77	84.54	73.02	73.02	73.02
G 51.0	81.17	93.89	139.69	143.81	145.33	129.90	123.80	129.90	145.33	143.81	139.69	93.89	81.17	81.17	81.17
G 52.0	91.16	104.91	155.50	160.68	162.17	143.70	136.49	143.70	162.17	160.68	155.50	104.91	91.16	91.16	91.16
G 53.0	101.63	116.36	172.82	178.97	179.65	158.63	150.26	158.63	179.65	178.97	172.82	116.36	101.63	101.63	101.63
G 54.0	113.71	129.83	191.46	199.62	200.04	175.32	165.70	175.32	200.04	199.62	191.46	129.83	113.71	113.71	113.71
G 55.0	126.84	143.99	212.01	222.19	221.09	193.46	183.13	193.46	221.09	222.19	212.01	143.99	126.84	126.84	126.84
G 56.0	141.53	160.03	233.82	246.00	245.26	213.36	200.57	213.36	245.26	246.00	233.82	160.03	141.53	141.53	141.53
G 57.0	157.45	177.16	257.57	272.41	270.71	235.06	219.75	235.06	270.71	272.41	257.57	177.16	157.45	157.45	157.45
G 58.0	174.72	195.68	282.83	299.50	298.12	258.07	240.95	258.07	298.12	299.50	282.83	195.68	174.72	174.72	174.72
G 59.0	194.21	215.35	309.76	329.07	327.69	282.57	263.19	282.57	327.69	329.07	309.76	215.35	194.21	194.21	194.21
G 60.0	213.38	236.00	337.83	359.92	359.31	308.80	287.02	308.80	359.31	359.92	337.83	236.00	213.38	213.38	213.38
G 61.0	235.42	258.19	366.93	392.36	392.04	337.00	312.92	337.00	392.04	392.36	366.93	258.19	235.42	235.42	235.42
G 62.0	257.21	280.48	395.56	423.19	420.91	363.73	336.01	363.73	420.91	423.19	395.56	280.48	257.21	257.21	257.21
G 63.0	281.69	304.95	421.06	445.33	440.79	383.71	355.97	383.71	440.79	445.33	421.06	304.95	281.69	281.69	281.69
G 64.0	306.52	328.06	434.28	460.02	453.18	397.29	370.93	397.29	453.18	460.02	434.28	328.06	306.52	306.52	306.52
G 65.0	331.35	346.98	442.92	470.08	461.37	405.87	380.68	405.87	461.37	470.08	442.92	346.98	331.35	331.35	331.35
G 66.0	355.24	360.04	446.75	473.85	464.95	411.17	384.51	411.17	464.95	473.85	446.75	360.04	355.24	355.24	355.24
G 67.0	370.59	370.71	445.15	472.29	463.83	412.60	385.91	412.60	463.83	472.29	445.15	370.71	370.59</		

LEDS C4⁺

Luminaria

Código 55-E035-14-CK
Nombre REK

Ensayo

Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Tabla de Intensidad Luminosa cd/klm

Tabla 2/2

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	341.18	332.72	336.64	359.52	358.54	334.26	313.39	334.26	358.54	359.52	336.64	332.72	341.18
G 74.0	322.47	312.84	307.40	328.22	328.00	307.54	287.15	307.54	328.00	328.22	307.40	312.84	322.47
G 75.0	300.51	290.78	277.37	295.52	295.82	278.56	258.80	278.56	295.82	295.52	277.37	290.78	300.51
G 76.0	276.74	266.90	246.48	262.72	262.42	247.37	228.98	247.37	262.42	262.72	246.48	266.90	276.74
G 77.0	250.09	241.45	216.19	229.54	228.84	215.54	197.67	215.54	228.84	229.54	216.19	241.45	250.09
G 78.0	223.46	215.72	186.47	198.25	196.06	183.80	166.20	183.80	196.06	198.25	186.47	215.72	223.46
G 79.0	196.74	188.87	158.14	167.51	163.86	152.25	135.15	152.25	163.86	167.51	158.14	188.87	196.74
G 80.0	169.03	162.95	132.08	137.99	133.40	121.83	105.86	121.83	133.40	137.99	132.08	162.95	169.03
G 81.0	142.07	136.46	106.44	110.11	104.01	92.91	78.55	92.91	104.01	110.11	106.44	136.46	142.07
G 82.0	116.60	111.23	83.45	83.95	76.60	66.41	54.81	66.41	76.60	83.95	83.45	111.23	116.60
G 83.0	90.57	85.91	61.49	60.02	51.57	43.97	37.78	43.97	51.57	60.02	61.49	85.91	90.57
G 84.0	66.37	62.41	42.99	39.60	33.97	26.50	20.75	26.50	33.97	39.60	42.99	62.41	66.37
G 85.0	43.99	41.67	27.65	24.56	16.36	16.81	11.04	16.81	24.56	27.65	41.67	43.99	43.99
G 86.0	28.98	26.41	14.86	13.54	7.99	7.15	6.03	7.15	13.54	14.86	26.41	28.98	28.98
G 87.0	13.97	14.36	8.47	6.07	5.57	4.30	4.27	4.30	5.57	6.07	8.47	14.36	13.97
G 88.0	6.78	7.20	5.35	3.97	3.14	3.34	2.55	3.34	3.14	3.97	5.35	7.20	6.78
G 89.0	4.51	4.17	3.37	2.83	2.37	2.36	2.05	2.36	2.37	2.83	3.37	4.17	4.51
G 90.0	2.25	1.81	2.45	1.99	1.79	1.77	1.70	1.77	1.79	1.99	2.45	1.81	2.25

LEDS C4⁺

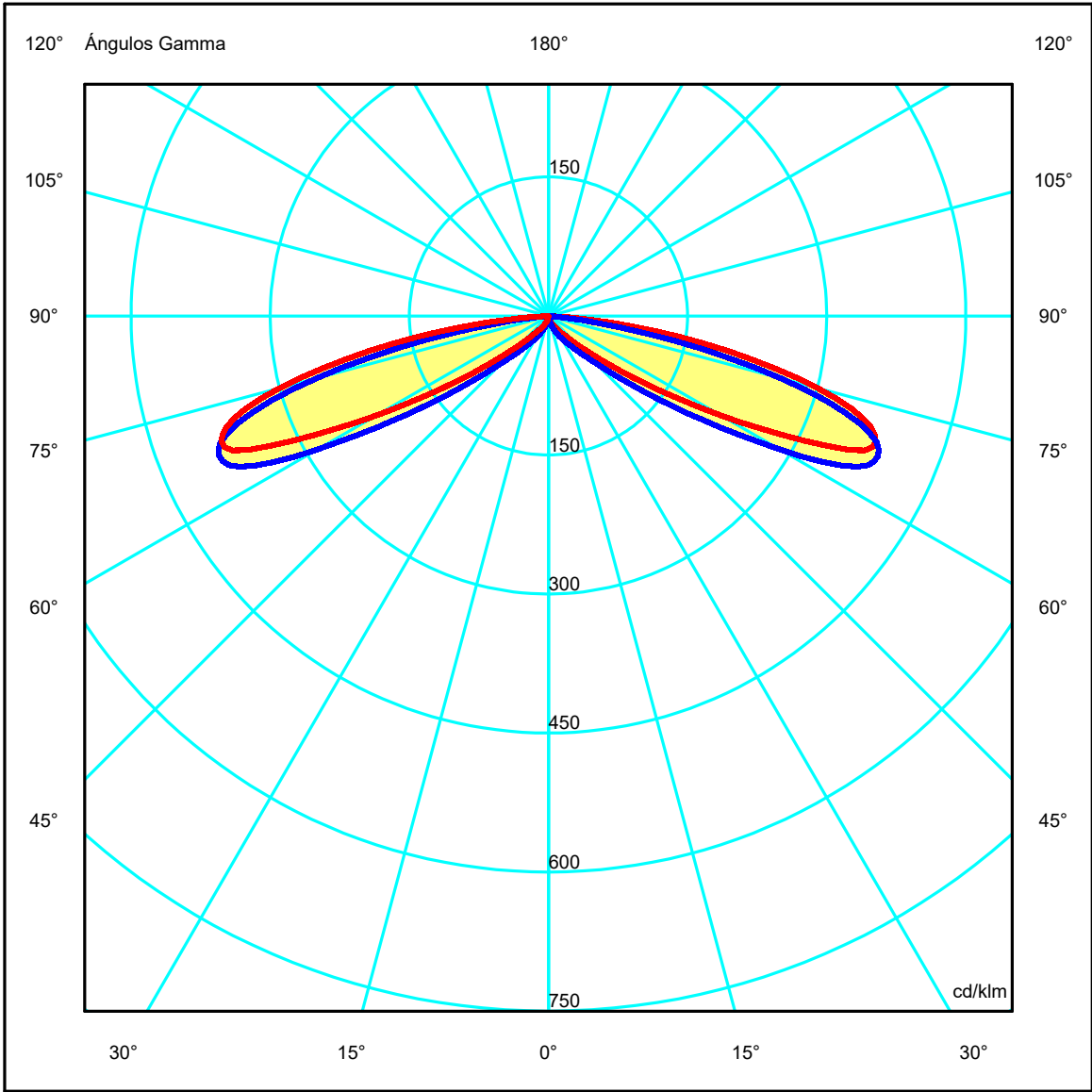
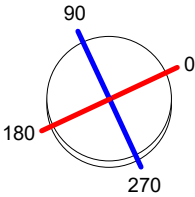
Luminaria
Código 55-E035-14-CK
Nombre REK
Ensayo
Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Diam=152mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0

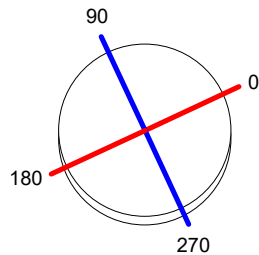


LEDS C4[®]

Luminaria
Código 55-E035-14-CK
Nombre REK
Ensayo
Código 55-E035-14-CK
Nombre REK

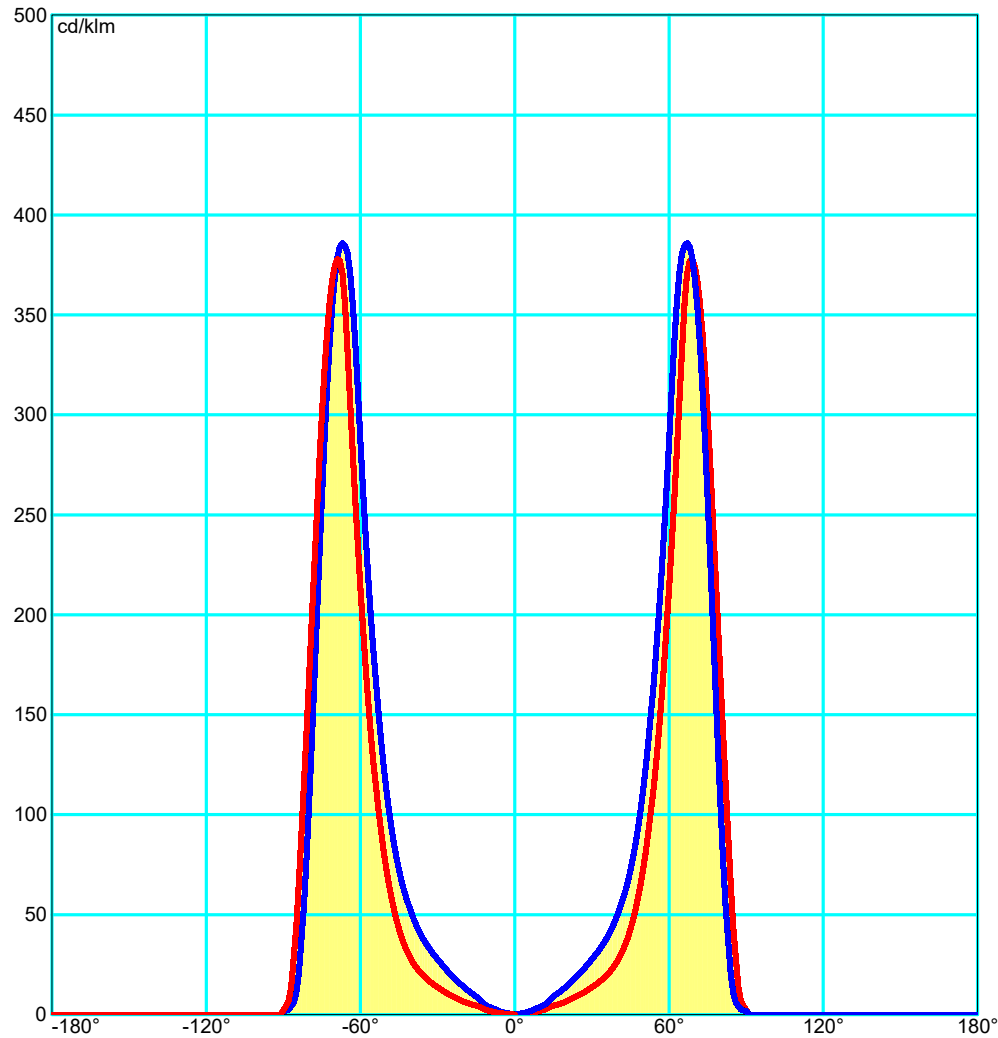
Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Diam=152mm



Semiplanos C

180.0	—	0.0
270.0	—	90.0



LEDS C4²

Luminaria

Código 55-E035-14-CK
Nombre REK

Ensayo

Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

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										
Vista Lateral						Vista Longitudinal				
x=2H y=2H	28.2	30.3	28.6	30.6	30.9	29.4	31.5	29.8	31.8	32.0
x=2H y=3H	33.4	35.3	33.8	35.6	36.0	34.0	35.9	34.3	36.2	36.5
x=2H y=4H	35.1	36.9	35.5	37.3	37.6	35.3	37.1	35.7	37.4	37.8
x=2H y=6H	36.1	37.8	36.5	38.1	38.5	35.8	37.5	36.2	37.9	38.2
x=2H y=8H	36.3	38.0	36.7	38.3	38.7	35.8	37.5	36.2	37.9	38.2
x=2H y=12H	36.4	38.0	36.8	38.3	38.7	35.8	37.4	36.2	37.8	38.2
x=4H y=2H	31.2	33.0	31.6	33.3	33.7	31.7	33.5	32.1	33.8	34.2
x=4H y=3H	35.3	36.9	35.7	37.3	37.6	35.7	37.3	36.1	37.7	38.1
x=4H y=4H	36.8	38.3	37.2	38.6	39.0	37.0	38.5	37.4	38.8	39.2
x=4H y=6H	37.8	39.1	38.2	39.5	39.9	37.6	38.9	38.0	39.3	39.7
x=4H y=8H	38.0	39.2	38.5	39.6	40.1	37.6	38.8	38.1	39.2	39.7
x=4H y=12H	38.1	39.2	38.6	39.6	40.1	37.6	38.7	38.1	39.1	39.6
x=8H y=4H	37.4	38.6	37.8	39.0	39.4	37.5	38.7	38.0	39.1	39.6
x=8H y=6H	38.4	39.4	38.9	39.8	40.3	38.2	39.2	38.7	39.6	40.1
x=8H y=8H	38.7	39.5	39.2	40.0	40.5	38.4	39.2	38.9	39.6	40.1
x=8H y=12H	38.9	39.6	39.4	40.0	40.6	38.4	39.1	38.9	39.6	40.1
x=12H y=4H	37.4	38.5	37.9	38.9	39.4	37.6	38.6	38.0	39.1	39.5
x=12H y=6H	38.5	39.3	39.0	39.8	40.3	38.3	39.1	38.8	39.6	40.1
x=12H y=8H	38.8	39.5	39.3	40.0	40.5	38.5	39.2	39.0	39.6	40.1

LEDS C4⁺

Luminaria
Código 55-E035-14-CK
Nombre REK
Ensayo
Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Flujo Total=918.00 Flujo Luminaria=918.00

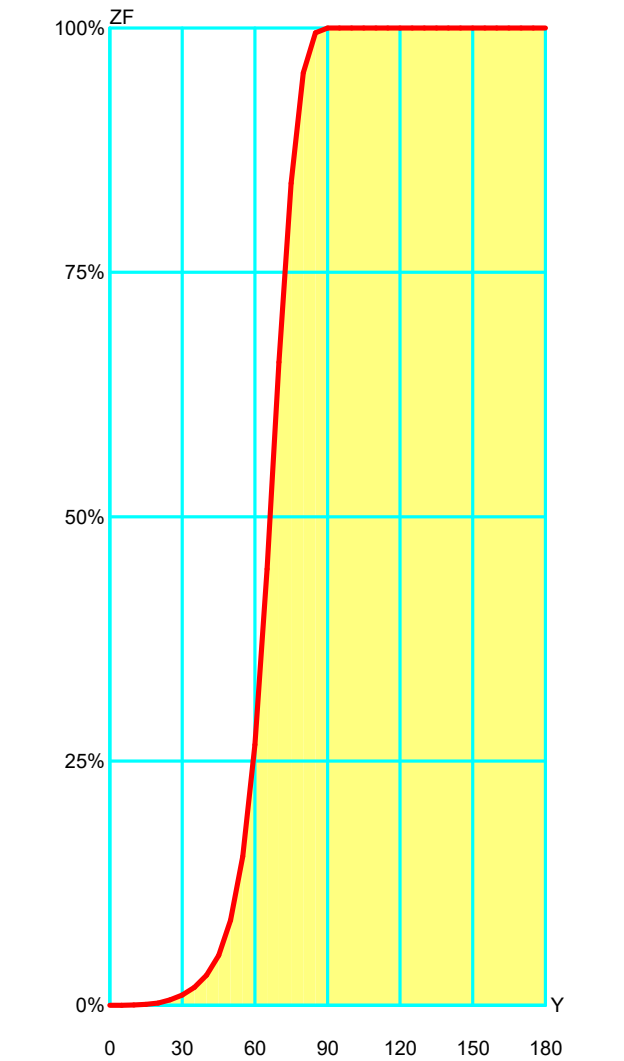
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.05	0.07	0.12	0.18	0.24	0.36	0.46	0.54	0.65	0.73	0.90	0.98
RC	-	-	-	-	-	-	10	10	9	8	6	2

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)	0	2	10	31	87	267	658	954	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
4 27 85 100 100

C.I.E.	-/-/-/-/10/10/9/8/6/2	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 10 / 2.5 / BZ 9 / 3 / BZ 8	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°	0.01	0.01	0.00 %	0.00 %
10°	0.16	0.17	0.02 %	0.02 %
15°	0.66	0.83	0.07 %	0.08 %
20°	1.60	2.42	0.16 %	0.24 %
25°	3.02	5.44	0.30 %	0.54 %
30°	5.04	10.49	0.50 %	1.05 %
35°	7.84	18.33	0.78 %	1.83 %
40°	12.32	30.64	1.23 %	3.06 %
45°	20.51	51.16	2.05 %	5.12 %
50°	35.93	87.09	3.59 %	8.71 %
55°	65.10	152.19	6.51 %	15.22 %
60°	114.37	266.55	11.44 %	26.66 %
65°	180.00	446.56	18.00 %	44.66 %
70°	211.56	658.11	21.16 %	65.81 %
75°	183.00	841.11	18.30 %	84.11 %
80°	112.93	954.04	11.29 %	95.40 %
85°	41.13	995.17	4.11 %	99.52 %
90°	4.83	1000.00	0.48 %	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 %

LEDS C4⁺

Luminaria

Código 55-E035-14-CK
Nombre REK

Ensayo

Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG Sim. en los planos 0-180	

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	252	226	221	199	215	190	122	104	110	94	56	42	17	11	88	45	40	13	11	38	11	10	0			
0.80	300	275	252	233	261	222	154	135	133	117	69	55	22	16	110	58	52	18	15	50	16	14	0			
1.00	331	307	267	250	292	239	179	160	148	133	79	65	26	20	124	67	62	22	19	59	20	17	0			
1.25	355	334	273	258	318	248	203	184	157	144	87	74	31	25	135	76	70	27	24	67	24	22	0			
1.50	370	351	270	258	334	248	221	203	161	150	92	80	36	30	141	82	77	32	28	73	29	26	0			
2.00	384	369	255	246	352	238	247	231	162	152	98	88	44	38	144	88	84	40	37	80	37	34	0			
2.50	389	376	237	230	359	223	265	251	157	150	100	92	51	45	143	92	88	47	44	85	44	41	0			
3.00	391	380	221	216	363	210	279	266	152	146	102	94	57	52	140	94	91	53	50	87	50	47	0			
4.00	391	383	195	192	366	187	298	288	143	138	103	97	67	61	133	96	93	63	59	90	59	56	0			
5.00	389	383	177	174	367	170	311	302	135	132	103	98	73	69	127	97	95	69	67	92	66	63	0			
10.00	385	382	134	133	366	130	341	336	116	115	103	100	90	87	111	99	98	86	85	95	83	80	0			
20.00	383	382	112	112	367	110	358	356	107	106	103	102	100	98	103	100	99	97	96	97	94	91	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	584	570	544	534	563	528	443	435	426	419	357	352	307	305	415	352	350	306	305	349	305	305	286
0.80	706	691	652	641	680	633	553	543	528	520	453	446	396	394	514	447	444	395	394	442	394	393	371
1.00	801	786	732	722	771	712	643	632	608	600	531	524	471	468	592	524	521	469	468	518	467	466	442
1.25	891	876	805	796	859	785	733	721	686	678	609	602	548	544	668	600	597	545	543	594	543	541	514
1.50	954	941	854	846	921	834	800	789	741	733	666	659	605	602	723	657	654	602	600	649	599	597	568
2.00	1000	1000	908	902	999	890	890	879	808	802	741	734	683	680	790	730	728	679	677	722	675	672	639
2.50	1000	1000	925	920	1000	908	938	928	838	833	778	772	726	722	820	767	764	720	718	758	716	712	676
3.00	1000	1000	926	923	1000	911	965	956	850	846	796	791	749	745	832	785	783	743	741	776	738	734	695
4.00	1000	1000	903	900	1000	890	981	972	842	839	799	795	761	757	826	788	786	753	751	778	747	742	699
5.00	1000	1000	866	864	1000	855	971	964	817	814	782	778	749	746	801	770	768	742	739	760	734	728	683
10.00	882	879	654	653	850	646	823	818	630	628	614	612	600	597	616	603	602	590	588	592	581	572	522
20.00	571	569	326	326	539	319	530	527	315	314	311	309	306	305	303	299	298	295	294	288	285	275	222

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	403	388	376	363	379	356	233	225	225	217	136	131	72	70	212	131	129	71	70	127	70	69	46
0.80	480	463	442	428	448	417	292	280	278	269	179	171	104	101	260	171	168	102	100	165	100	99	72
1.00	553	536	504	491	517	477	356	343	337	326	232	223	151	148	315	222	219	148	146	214	146	144	116
1.25	635	618	573	560	594	544	434	420	407	396	301	291	216	212	382	288	285	212	210	279	209	206	178
1.50	707	690	632	621	663	603	509	494	473	462	369	359	284	279	445	354	351	279	276	343	275	271	243
2.00	821	806	724	715	774	696	634	619	581	572	486	477	406	400	552	469	466	399	396	456	393	388	361
2.50	906	893	791	784	858	765	733	719	665	658	580	572	507	501	636	563	559	498	495	547	491	484	459
3.00	969	958	840	834	920	815	809	796	729	722	653	645	586	580	699	634	631	576	573	618	568	560	537
4.00	1000	1000	907	903	1000	885	918	907	818	813	758	751	703	697	790	738	735	691	688	721	680	670	650
5.00	1000	1000	949	946	1000	929	991	981	876	872	827	821	782	776	849	807	805	768	765	789	756	744	727
10.00	1000	1000	1000	1000	1000	1000	1000	1000	999	997	978	975	958	954	975	957	956	940	938	938	924	908	896
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	988	978

LM53 SHR C0-C180: 28.601 SHR C90-C270: 21.766 SHR Superficial: 2.760

LEDS C4[®]

Luminaria

Código 55-E035-14-CK

Nombre REK

Ensayo

Código 55-E035-14-CK

Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

LEDS C4[®]

Luminaria

Código 55-E035-14-CK
Nombre REK

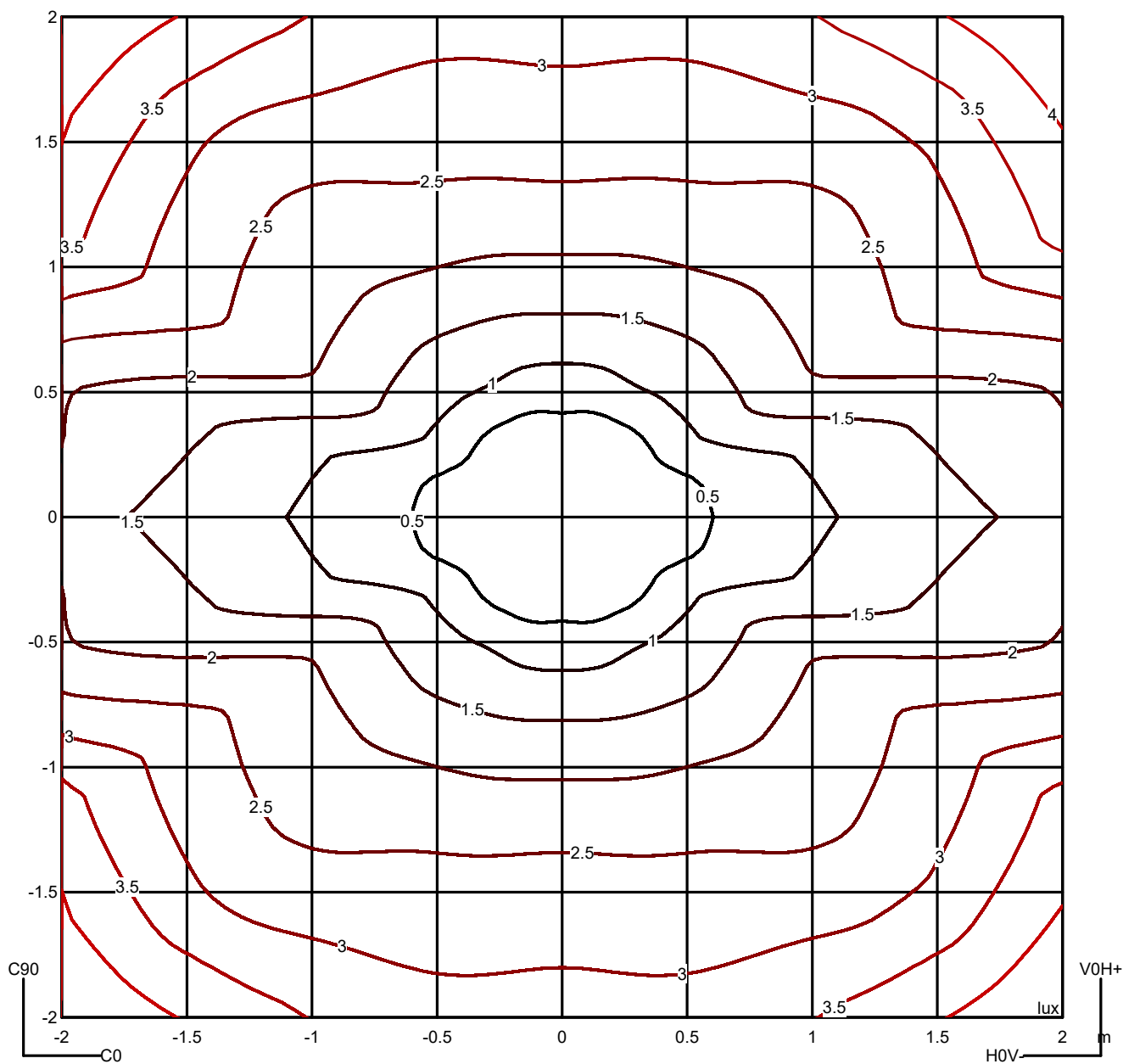
Ensayo

Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Isolux (Suelo)

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

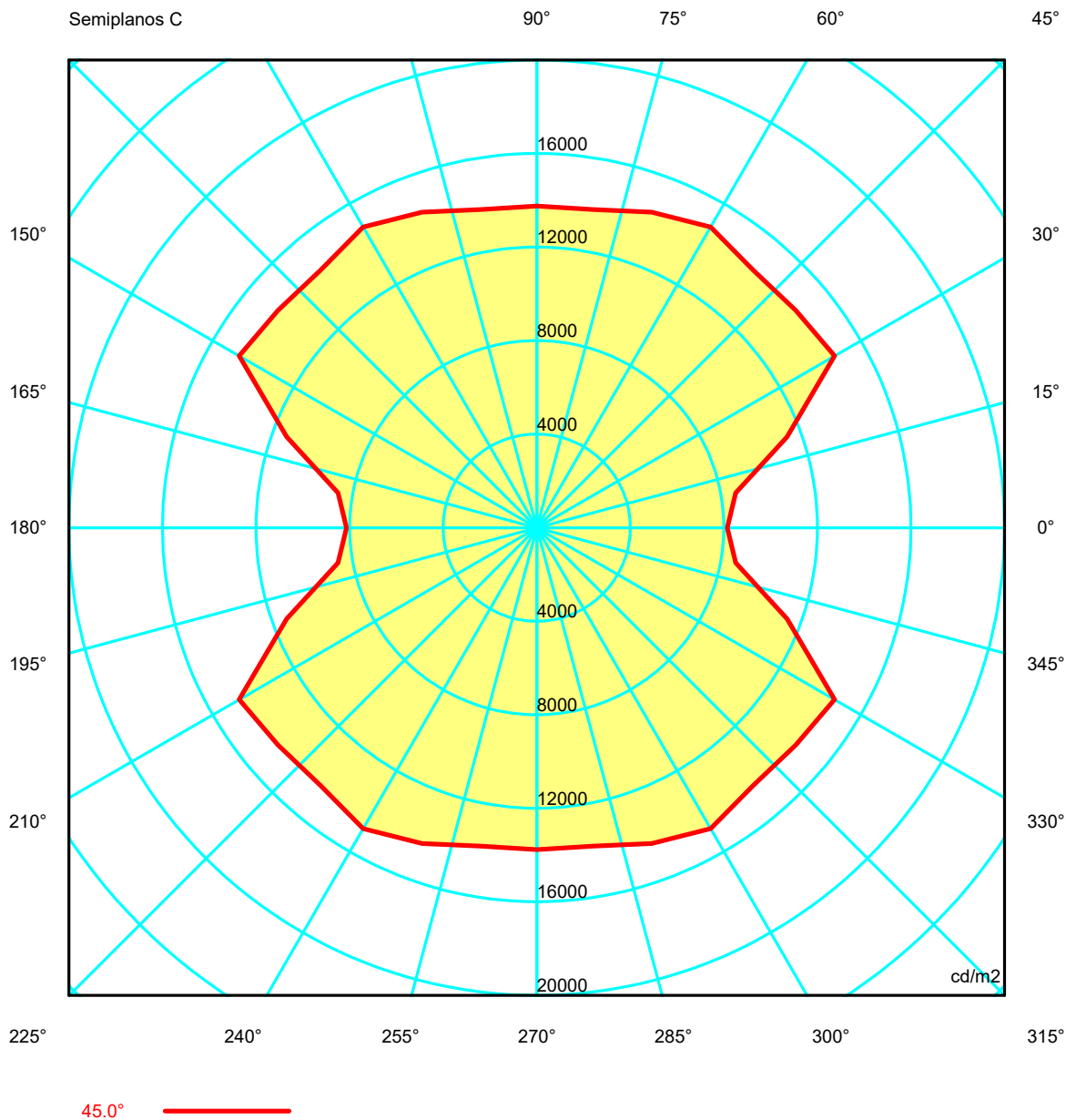


LEDS C4[°]

Luminaria
Código 55-E035-14-CK
Nombre REK
Ensayo
Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Luminancia



LEDS C4²

Luminaria

Código 55-E035-14-CK

Nombre REK

Ensayo

Código 55-E035-14-CK

Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%						
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180						
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	2.21	2.50	3.24	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	
G 5.0	71.94	82.23	106.78	144.66	145.52	149.37	161.03	161.86	166.02	173.04	166.02	161.86	161.03
G 10.0	257.91	278.51	352.92	480.14	468.70	461.77	481.48	486.44	505.44	527.65	505.44	486.44	481.48
G 15.0	621.70	669.64	838.79	1139.29	1150.20	1158.75	1188.49	1168.30	1194.87	1246.04	1194.87	1168.30	1188.49
G 20.0	945.64	1064.83	1387.93	1903.47	1862.15	1821.55	1880.64	1937.92	1991.52	2025.29	1991.52	1937.92	1880.64
G 25.0	1451.33	1615.99	2062.68	2774.66	2723.86	2687.56	2805.56	2894.87	2972.51	3024.32	2972.51	2894.87	2805.56
G 30.0	2133.70	2365.66	2964.11	3887.65	3791.14	3742.68	3955.10	4112.32	4233.35	4307.33	4233.35	4112.32	3955.10
G 35.0	3076.04	3438.21	4313.17	5596.13	5364.20	5241.75	5564.03	5756.77	5911.59	6028.63	5911.59	5756.77	5564.03
G 40.0	4746.17	5010.79	6735.37	8759.75	8388.70	8351.38	8647.78	8659.32	8714.01	8839.85	8714.01	8659.32	8647.78
G 45.0	8140.64	8627.59	11378.05	14693.29	14454.99	14380.08	14855.61	14362.90	13818.49	13757.93	13818.49	14362.90	14855.61
G 50.0	15352.73	16129.88	20656.22	26441.36	26877.09	27232.88	27494.60	25777.07	24091.43	23676.59	24091.43	25777.07	27494.60
G 55.0	29884.91	32578.45	39118.46	49952.12	51550.90	52519.38	52091.62	47864.91	44088.70	43148.54	44088.70	47864.91	52091.62
G 60.0	57671.45	61747.39	72518.14	91308.84	96990.45	97986.70	97114.44	88339.91	80043.70	77577.14	80043.70	88339.91	97114.44
G 65.0	105956.69	109288.56	120355.04	141632.71	149620.50	150664.55	147531.87	135960.05	125261.17	121730.25	125261.17	135960.05	147531.87
G 70.0	147932.01	146212.56	151207.41	161618.40	169648.51	173160.97	170481.41	160712.16	150157.51	145478.75	150157.51	160712.16	170481.41
G 75.0	156910.83	154205.00	148564.69	144824.66	150804.16	155937.83	154460.03	149335.56	140825.06	135132.07	140825.06	149335.56	154460.03
G 80.0	131549.63	128391.24	118518.53	102794.12	105857.64	107784.07	103815.44	98729.89	89475.96	82382.51	89475.96	98729.89	103815.44
G 85.0	68211.03	65813.99	57591.56	42868.65	39522.86	33992.49	25370.88	26168.67	23044.93	17111.28	23044.93	26168.67	25370.88
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 C4²

Luminaria

Código 55-E035-14-CK

Nombre REK

Ensayo

Código 55-E035-14-CK

Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%						
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG Sim. en los planos 0-180							
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	4.41	4.41	4.41	3.24	2.50	2.21	2.50	3.24	4.41	4.41	4.41	4.41	4.41
G 5.0	149.37	145.52	144.66	106.78	82.23	71.94	82.23	106.78	144.66	145.52	149.37	161.03	161.86
G 10.0	461.77	468.70	480.14	352.92	278.51	257.91	278.51	352.92	480.14	468.70	461.77	481.48	486.44
G 15.0	1158.75	1150.20	1139.29	838.79	669.64	621.70	669.64	838.79	1139.29	1150.20	1158.75	1188.49	1168.30
G 20.0	1821.55	1862.15	1903.47	1387.93	1064.83	945.64	1064.83	1387.93	1903.47	1862.15	1821.55	1880.64	1937.92
G 25.0	2687.56	2723.86	2774.66	2062.68	1615.99	1451.33	1615.99	2062.68	2774.66	2723.86	2687.56	2805.56	2894.87
G 30.0	3742.68	3791.14	3887.65	2964.11	2365.66	2133.70	2365.66	2964.11	3887.65	3791.14	3742.68	3955.10	4112.32
G 35.0	5241.75	5364.20	5596.13	4313.17	3438.21	3076.04	3438.21	4313.17	5596.13	5364.20	5241.75	5564.03	5756.77
G 40.0	8200.97	8388.70	8759.75	6735.37	5010.79	4746.17	5010.79	6735.37	8759.75	8388.70	8200.97	8647.78	8659.32
G 45.0	14380.08	14454.99	14693.29	11378.05	8627.59	8140.64	8627.59	11378.05	14693.29	14454.99	14380.08	14855.61	14362.90
G 50.0	27232.88	26877.09	26441.36	20656.22	16129.88	15352.73	16129.88	20656.22	26441.36	26877.09	27232.88	27494.60	25777.07
G 55.0	52519.38	52554.98	49952.12	39118.46	32578.45	29884.91	32578.45	39118.46	49952.12	52554.98	52519.38	52091.62	47864.91
G 60.0	97986.70	96990.45	91308.84	72518.14	61747.39	57671.45	61747.39	72518.14	91308.84	96990.45	97986.70	97114.44	88339.91
G 65.0	150664.55	149620.50	141632.71	120355.04	109288.56	105956.69	109288.56	120355.04	141632.71	149620.50	150664.55	147531.87	135960.05
G 70.0	173160.97	169648.51	161618.40	151207.41	146212.56	147932.01	146212.56	151207.41	161618.40	169648.51	173160.97	170481.41	160712.16
G 75.0	155937.83	150804.16	144824.66	148564.69	154205.00	156910.83	154205.00	148564.69	144824.66	150804.16	155937.83	154460.03	149335.56
G 80.0	107784.07	105857.64	102794.12	118518.53	128391.24	131549.63	128391.24	118518.53	102794.12	105857.64	107784.07	103815.44	98729.89
G 85.0	33992.49	39522.86	42868.65	57591.56	65813.99	68211.03	65813.99	57591.56	42868.65	39522.86	33992.49	25370.88	26168.67
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 C4²

Luminaria

Código 55-E035-14-CK

Nombre REK

Ensayo

Código 55-E035-14-CK

Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

Luminance cd/m2

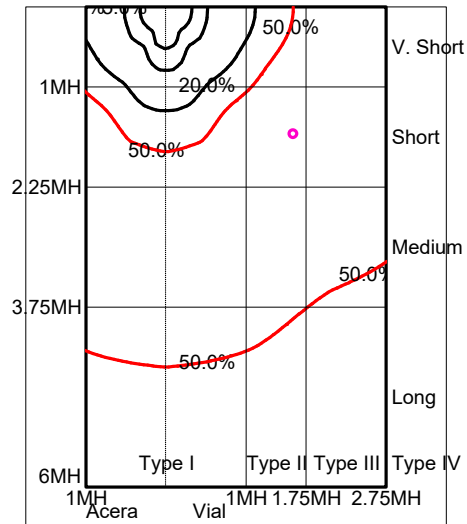
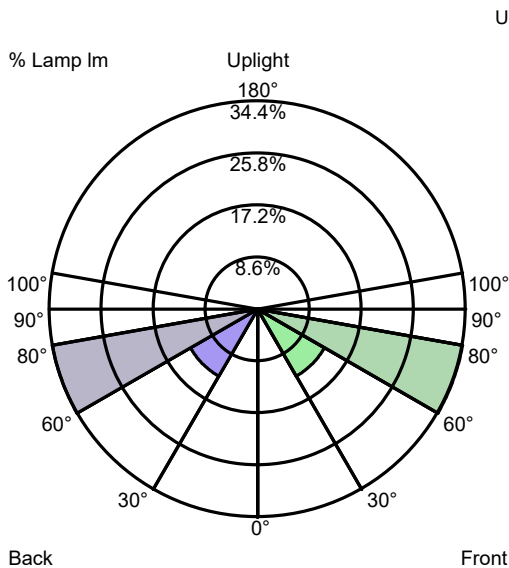
Tabla 3/3

	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	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	3.24	2.50
G 5.0	166.02	173.04	166.02	161.86	161.03	149.37	145.52	144.66	106.78	82.23
G 10.0	505.44	527.65	505.44	486.44	481.48	461.77	468.70	480.14	352.92	278.51
G 15.0	1194.87	1246.04	1194.87	1168.30	1188.49	1158.75	1150.20	1139.29	838.79	669.64
G 20.0	1991.52	2025.29	1991.52	1937.92	1880.64	1821.55	1862.15	1903.47	1387.93	1064.83
G 25.0	2972.51	3024.32	2972.51	2894.87	2805.56	2687.56	2723.86	2774.66	2062.68	1615.99
G 30.0	4233.35	4307.33	4233.35	4112.32	3955.10	3742.68	3791.14	3887.65	2964.11	2365.66
G 35.0	5911.59	6028.63	5911.59	5756.77	5564.03	5241.75	5364.20	5596.13	4313.17	3438.21
G 40.0	8714.01	8839.85	8714.01	8659.32	8647.78	8351.38	8388.70	8759.75	6735.37	5010.79
G 45.0	13818.49	13757.93	13818.49	14362.90	14855.61	14380.08	14454.99	14693.29	11378.05	8627.59
G 50.0	24091.43	23676.59	24091.43	25777.07	27494.60	27232.88	26877.09	26441.36	20656.22	16129.88
G 55.0	44088.70	43148.54	44088.70	47864.91	52091.62	52519.38	51550.90	49952.12	39118.46	32578.45
G 60.0	80043.70	77577.14	80043.70	88339.91	97114.44	97986.70	96990.45	91308.84	72518.14	61747.39
G 65.0	125261.17	121730.25	125261.17	135960.05	147531.87	150664.55	149620.50	141632.71	120355.04	109288.56
G 70.0	150157.51	145478.75	150157.51	160712.16	170481.41	173160.97	169648.51	161618.40	151207.41	146212.56
G 75.0	140825.06	135132.07	140825.06	149335.56	154460.03	155937.83	150804.16	144824.66	148564.69	154205.00
G 80.0	89475.96	82382.51	89475.96	98729.89	103815.44	107784.07	105857.64	102794.12	118518.53	128391.24
G 85.0	23044.93	17111.28	23044.93	26168.67	25370.88	33992.49	39522.86	42868.65	57591.56	65813.99
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

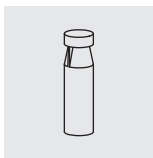
LEDS C4⁺

Luminaria
Código 55-E035-14-CK
Nombre REK
Ensayo
Código 55-E035-14-CK
Nombre REK

Flujo Luminaria	918 lm	Potencia Luminaria	40.0 W	Eficacia	22.950 lm/W	Eficiencia	100.00%
Flujo Fuente	918 lm	Valor Máximo	473.85 cd/klm	Posición	C=45.00 G=66.00	CG	Sim. en los planos 0-180

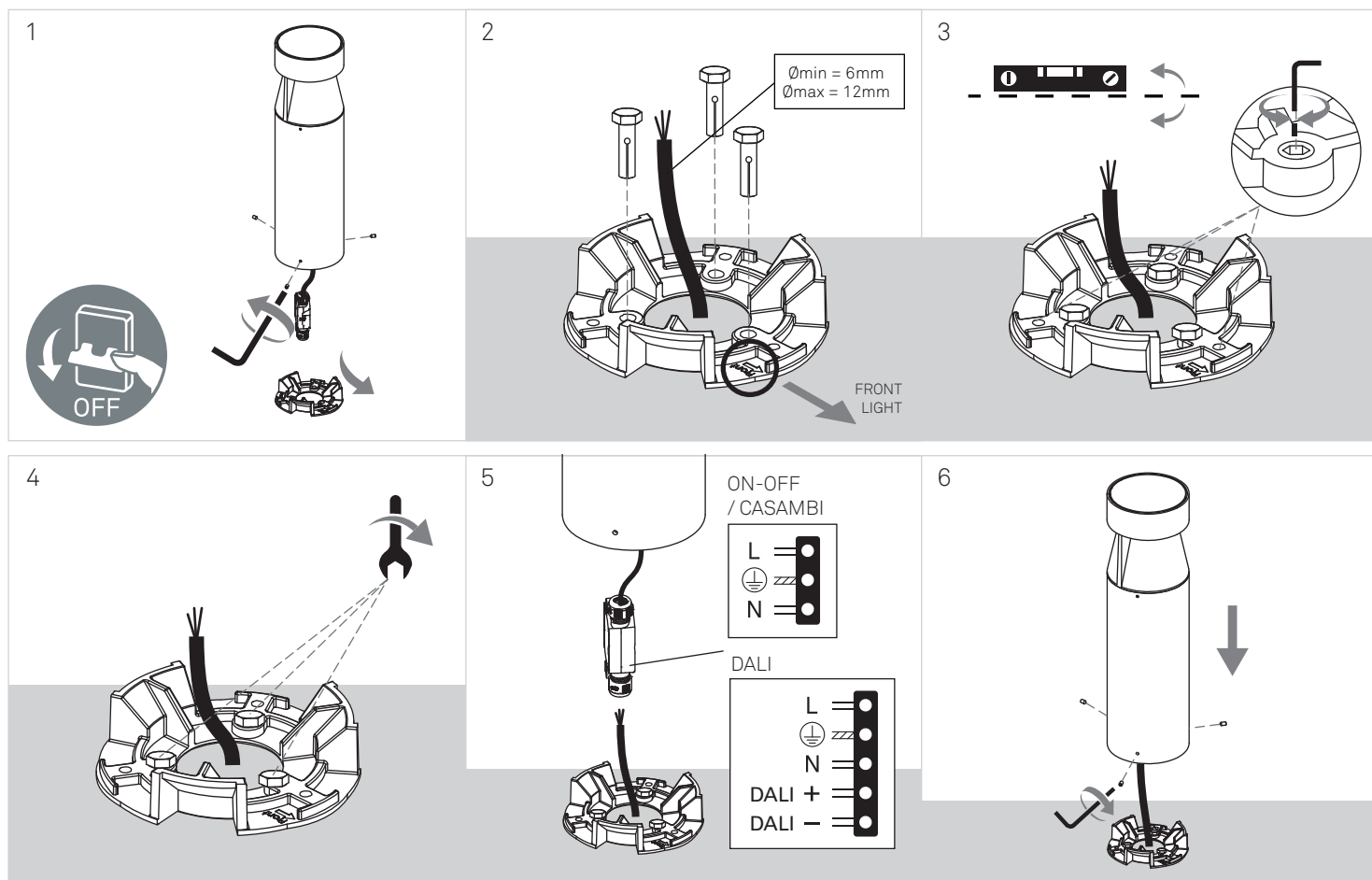
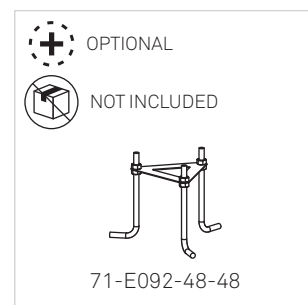
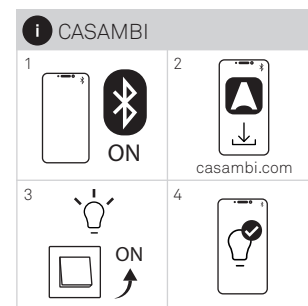
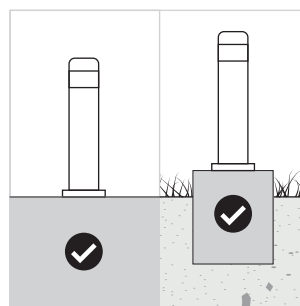
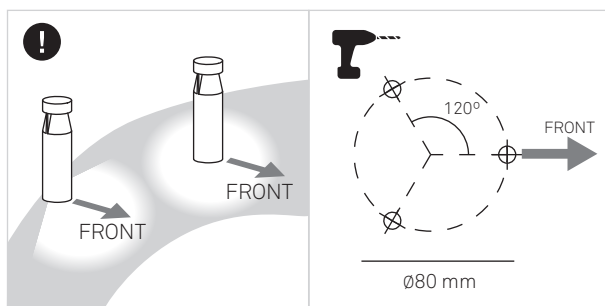
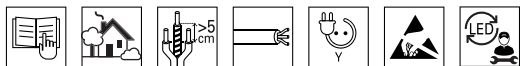


Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	4.8 lm	0.5 % 0.5 %
FM	30° -- 60°	117.5 lm	12.8 % 12.8 %
FH	60° -- 80°	315.7 lm	34.4 % 34.4 %
FVH	80° -- 90°	21.0 lm	2.3 % 2.3 %
BL	0° -- 30°	4.8 lm	0.5 % 0.5 %
BM	30° -- 60°	117.5 lm	12.8 % 12.8 %
BH	60° -- 80°	315.7 lm	34.4 % 34.4 %
BVH	80° -- 90°	21.0 lm	2.3 % 2.3 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
TOTALS		918.0 lm	100.0 % 100.0 %
BUG B1 U0 G1 Type VS Short Quadrilateral Symmetry			

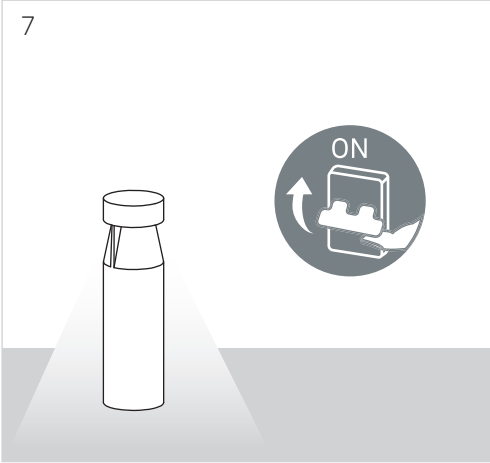


REK

LEDS C4



7





REK

55-E035-14-CK

Baliza de uso exterior

Material de la estructura: Aluminio. Acabado estructura: Blanco. Material del difusor: Policarbonato. Acabado difusor: Transparente. Protección contra los rayos ultravioleta. Garantía: 5 Años.

Peso neto del producto (Kg): 5.29

Anchura o diámetro del producto (mm): 150

Altura del producto (mm): 934

Clase 1. IP: IP66. IK: IK10. LED. Nº de portalámparas o Leds: 1. Marca del LED: NICHIA. Marca del Driver: VOSSLÖH-SCHWABE. Potencia máxima de la fuente de luz: 35.9W. Temperatura de color: 2700K. Índice de reproducción cromática: 80. Steps Mac Adam: 3. Horas de vida: 50.000h L80B20. UGR: 28.2. Riesgo fotobiológico: RG1. Flujo real (lm): 918. Lm / W reales: 23. Rango de voltaje / frecuencia: 100-240/50-60Hz. Voltaje: 12. Equipo incluido: Si, electrónico. Potencia total: 40. Factor de potencia: 0.96. Equipo regulable incluido: ON-OFF.

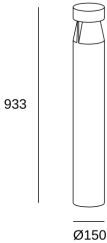


REK

Francesc Vilaró

55-E031-14-CK

Baliza IP66 REK LED 16.6W 2700K Blanco 459lm



CARACTERÍSTICAS TÉCNICAS



Consumo total de la luminaria (W) : 19.5W

Lúmenes reales : 459

Lm / W reales : 24

Temperatura de color correlacionada (CCT) : Blanco cálido - 2700K

Material de la estructura : Aluminio

Acabado estructura : Blanco

Material del difusor : Policarbonato

Acabado difusor : Transparente

Marca Driver : VOSSLOH-SCHWABE

Voltaje / Frecuencia : 100-240V/50-60Hz

Protocolo de regulación : ON-OFF

Power Factor : 0.94

Vida útil : 50.000h L80B20

Garantía : 5 Años

Resistencia ambientes marinos : Sí

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)
LED	1	16.6W

LOGÍSTICA

Peso neto (Kg): 5.16

Peso embalado (Kg): 5.57

Embalaje: 190mm x 190mm x 990mm



1 Un



71-E092-48-48

Pernos de fijación al suelo

Material de la estructura: Acero

Medidas: NA x NA x NA

Peso neto (Kg): 0.23

LEDS C4⁺

Luminaria

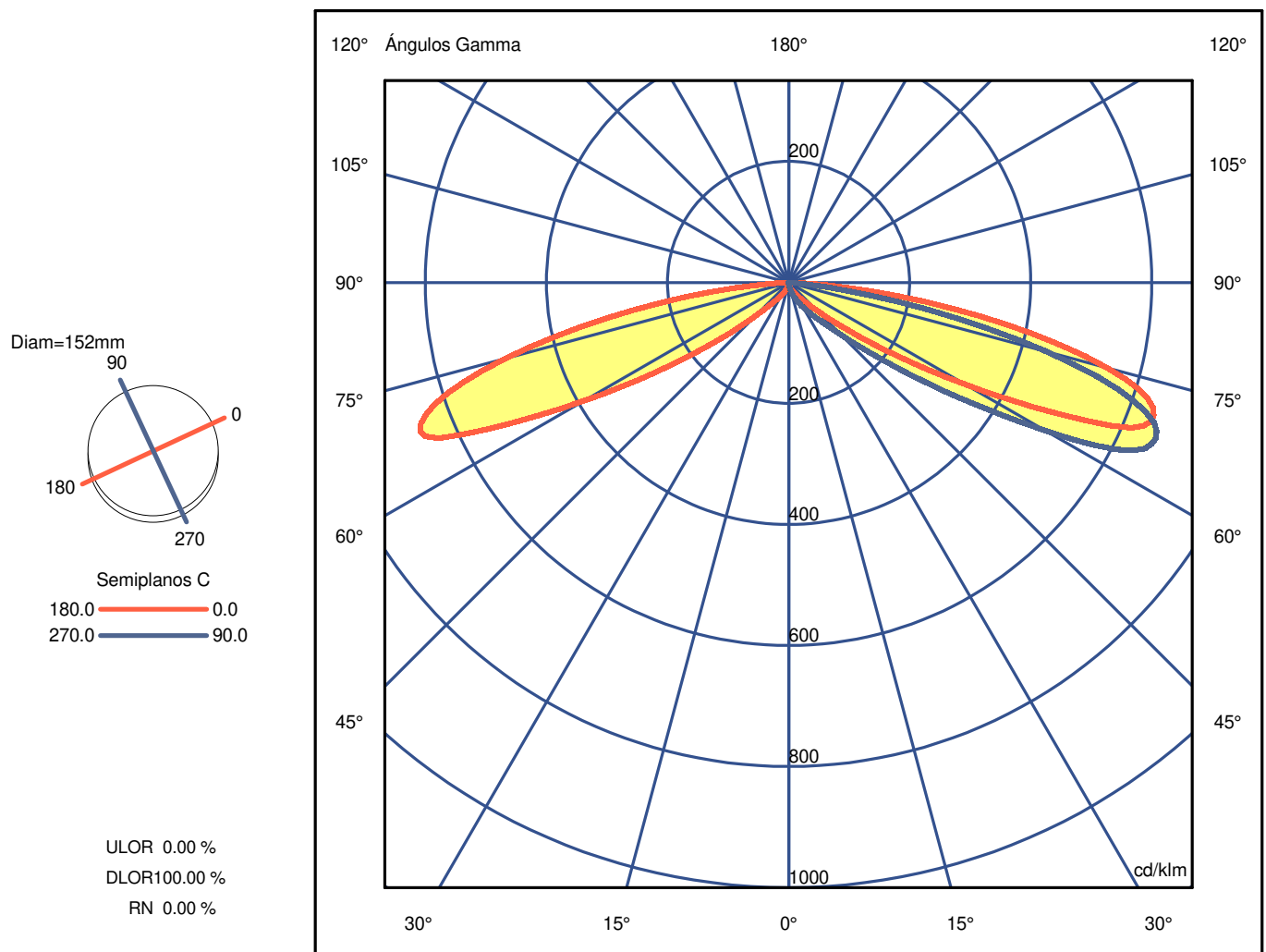
Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico
Luminaria Redonda		Diam.	152 mm	Altura	900 mm		
Área Luminosa Redonda		Diam.	93 mm	Altura	0 mm		
Área Luminosa Horizontal		0.006793 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°		0.001643 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		06-10-2021		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		459 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
C.I.E.	4 26 85 100 100		459.00	19.50	1	
F UTE	--	D DIN 5040 B NBN	A10 BZ 10 / 2.5 / BZ 9 / 4 / BZ 8			



LEDS C4⁺

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria		459 lm	Potencia Luminaria		19.5 W	Eficacia		23.538 lm/W			Eficiencia		100.00%
Flujo Fuente		459 lm	Valor Máximo		830.19 cd/klm	Posición		C=135.00 G=65.00			CG Asimétrico		
Tabla de Intensidad Luminosa cd/klm													
Tabla 1/4													
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.03	0.03	0.33	0.03	0.44	0.18	0.42	0.40	0.36	0.39	0.44	0.14	0.24
G 2.0	0.18	0.32	0.63	0.59	0.86	0.61	0.80	0.71	0.69	0.63	0.57	0.53	0.53
G 3.0	0.62	0.71	0.79	0.87	1.14	1.04	1.17	1.07	0.84	0.96	0.71	0.60	0.57
G 4.0	0.72	0.77	0.94	1.15	1.45	1.46	1.58	1.43	1.29	1.30	1.03	0.94	0.69
G 5.0	0.82	1.11	1.35	1.60	1.94	1.98	2.15	2.04	1.96	1.64	1.53	1.29	0.99
G 6.0	1.12	1.45	1.92	2.23	2.61	2.65	2.84	2.70	2.73	2.30	2.13	1.63	1.30
G 7.0	1.56	2.04	2.68	3.05	3.48	3.52	3.78	3.64	3.85	3.29	2.95	2.27	1.78
G 8.0	2.05	2.73	3.57	4.07	4.49	4.45	4.69	4.63	4.40	3.92	3.54	2.93	2.39
G 9.0	2.76	3.47	4.15	4.58	5.09	5.34	5.61	5.19	5.12	4.33	3.90	3.39	2.82
G 10.0	3.21	3.88	4.80	5.08	5.69	6.12	6.53	5.97	5.84	5.23	4.74	3.75	3.22
G 11.0	3.61	4.28	5.45	6.04	7.05	7.30	7.66	7.99	8.13	7.28	6.55	4.86	3.65
G 12.0	4.42	5.79	7.52	8.42	9.62	8.77	8.87	10.00	10.58	9.34	8.36	6.33	4.69
G 13.0	5.24	7.04	8.92	10.13	11.34	10.75	10.77	11.71	11.83	10.57	9.17	7.79	5.98
G 14.0	6.83	8.29	9.84	11.40	12.50	12.44	13.14	12.98	13.04	11.90	10.26	8.46	6.84
G 15.0	7.48	8.85	10.98	12.51	13.69	13.93	15.12	14.22	14.34	13.16	11.53	9.20	7.71
G 16.0	8.12	9.69	12.21	13.79	14.96	15.81	16.87	15.73	15.80	14.58	12.92	10.16	8.23
G 17.0	8.54	10.61	13.30	14.97	16.32	17.61	18.45	17.46	17.26	16.02	14.25	11.22	8.90
G 18.0	9.28	11.67	14.48	16.26	17.81	19.28	20.14	19.38	18.90	17.57	15.70	12.40	9.68
G 19.0	10.06	12.73	15.64	17.60	19.33	20.95	21.96	21.40	20.52	19.20	17.10	13.67	10.60
G 20.0	10.94	13.83	16.94	19.03	21.00	22.65	23.87	23.33	22.30	20.87	18.63	14.98	11.52
G 21.0	11.79	15.00	18.26	20.58	22.77	24.52	25.78	25.29	24.14	22.65	20.20	16.40	12.66
G 22.0	12.71	16.14	19.66	22.10	24.60	26.44	27.82	27.24	26.05	24.36	21.76	17.77	13.69
G 23.0	13.71	17.40	21.14	23.76	26.48	28.51	29.94	29.33	28.08	26.22	23.46	19.27	14.95
G 24.0	14.69	18.61	22.60	25.37	28.36	30.54	32.07	31.42	30.14	28.01	25.15	20.68	16.12
G 25.0	15.80	19.94	24.17	27.15	30.43	32.71	34.39	33.65	32.33	29.98	26.96	22.23	17.46
G 26.0	16.86	21.20	25.71	28.88	32.44	34.94	36.71	35.91	34.48	31.91	28.75	23.73	18.79
G 27.0	18.09	22.57	27.38	30.78	34.60	37.26	39.15	38.27	36.83	33.98	30.72	25.37	20.17
G 28.0	19.26	23.97	29.04	32.71	36.86	39.71	41.69	40.76	39.19	36.06	32.65	27.09	21.67
G 29.0	20.54	25.45	30.89	34.78	39.21	42.12	44.23	43.28	41.44	38.06	34.73	28.85	23.12
G 30.0	21.87	27.07	32.80	36.70	41.46	44.66	46.85	45.85	43.56	40.13	36.90	30.75	24.85
G 31.0	23.27	28.67	34.68	38.53	43.49	47.29	49.57	48.39	45.88	42.35	39.17	32.63	26.46
G 32.0	24.78	30.48	36.72	40.60	45.78	49.98	52.47	51.17	48.53	45.08	41.89	34.79	28.38
G 33.0	26.35	32.23	38.88	42.82	48.29	52.81	55.48	53.95	51.57	48.02	44.61	37.03	30.11
G 34.0	27.96	34.22	41.41	45.51	51.29	55.65	58.71	57.25	55.15	51.58	47.95	39.71	32.08
G 35.0	29.55	36.36	43.94	48.42	54.65	58.87	62.10	60.96	59.08	55.14	51.64	42.62	34.15
G 36.0	31.51	38.83	47.15	51.92	58.44	62.47	65.87	64.91	63.55	59.45	56.06	45.99	36.60
G 37.0	33.46	41.59	50.60	55.42	62.55	66.44	69.89	69.40	68.49	64.38	60.80	49.75	39.45
G 38.0	35.89	44.78	54.65	59.60	67.11	70.81	74.49	74.33	74.13	70.10	66.35	53.99	42.50
G 39.0	38.65	48.35	59.26	64.43	72.17	75.68	79.49	79.86	80.57	76.59	72.79	59.01	46.27
G 40.0	41.92	52.69	64.47	69.88	77.93	81.01	85.27	86.03	88.11	84.15	80.04	64.55	50.01
G 41.0	45.18	57.03	70.61	76.22	84.69	87.15	91.45	93.10	96.55	92.79	88.72	71.15	54.78
G 42.0	49.03	62.38	77.60	83.40	92.15	93.74	97.94	100.95	105.96	102.67	98.32	78.44	59.69
G 43.0	53.55	68.54	85.68	91.84	100.79	101.13	104.81	109.84	116.97	113.74	109.59	87.04	66.01
G 44.0	58.69	75.43	94.84	101.02	110.24	109.36	113.05	119.60	129.02	126.08	119.53	96.37	72.64
G 45.0	64.88	83.65	103.38	111.59	121.17	118.80	122.65	130.88	143.02	140.24	130.06	107.40	80.65
G 46.0	71.49	92.85	111.63	123.20	133.17	129.52	133.45	143.60	158.77	156.45	144.19	119.14	89.62
G 47.0	79.79	102.97	122.59	137.13	147.25	141.76	145.52	158.18	176.61	174.91	161.51	132.63	99.58
G 48.0	88.59	114.37	136.97	152.99	163.12	155.51	159.08	174.21	196.24	195.44	180.71	148.53	111.52
G 49.0	98.90	127.97	153.63	171.16	181.16	171.05	174.66	192.50	218.89	218.91	201.97	166.25	123.79
G 50.0	110.78	143.63	172.19	191.49	201.51	188.60	192.05	212.92	243.92	244.78	226.17	186.28	138.72
G 51.0	123.45	160.99	193.14	214.00	223.87	207.69	211.14	235.29	271.30	273.39	252.75	207.62	153.90
G 52.0	138.80	180.97	217.08	239.79	249.40	229.45	232.82	260.69	303.31	305.29	282.82	232.31	172.68
G 53.0	155.33	202.68	242.57	267.89	277.10	252.96	256.31	288.18	335.33	339.77	316.79	258.33	191.90
G 54.0	174.41	227.71	272.66	299.96	309.45	279.32	282.65	318.82	372.65	378.30	350.75	288.04	214.09
G 55.0	195.19	254.86	306.13	334.32	341.80	308.08	312.42	352.01	412.24	421.12	388.04	320.43	238.18
G 56.0	219.39	285.13	339.60	372.90	379.79	339.92	342.18	388.15	456.84	463.95	429.82	355.43	264.19
G 57.0	244.16	318.55	377.72	415.76	420.53	374.16	374.94	428.04	503.04	511.38	473.76	393.48	293.81
G 58.0	273.62	353.60	419.32	458.62	464.87	412.88	411.14	467.94	552.38	561.16	519.48	434.09	323.35
G 59.0	305.33	392.63	463.66	506.69	512.43	451.60	449.11	512.89	605.82	614.15	568.19	474.70	358.23
G 60.0	337.04	434.15	511.04	557.14	564.41	494.40	489.79	559.67	661.89	669.14	617.84	517.26	392.01
G 61.0	374.21	475.67	560.49	612.14	620.05	541.02	533.97	609.38	718.10	725.04	668.89	563.29	430.15
G 62.0	410.53	520.24	610.45	668.49	672.75	585.38	573.38	656.33	764.04	774.07	717.83	608.21	468.29
G 63.0	452.44	567.86	663.70	715.76	712.17	619.55	607.41	690.41	792.51	802.51	752.78	655.00	510.01
G 64.0	494.69	615.48	694.00	747.00	737.65	643.91	632.92	712.40	809.39	821.50	768.69	696.78	552.62
G 65.0	538.28	656.11	717.47	772.74	757.80	661.06	649.55	724.55	817.22	830.19	775.68	713.94	593.86
G 66.0	581.43	675.03	733.75	788.55	770.82	673.21	656.09	730.48	816.44	827.29	773.41	720.54	632.33
G 67.0	614.82	687.36	741.02	795.70	776.48	679.37	658.50	729.16	806.97	814.88	761.39	717.27	651.37
G 68.0	632.12	692.60	739.19	792.84	775.41	679.14	655.38	720.67	788.72	792.29	740.45	705.66	656.02
G 69.0	640.69	689.47	727.89	782.09	765.52	671.51	646.38	705.22	762.26	761.96	710.75	686.19	650.56
G 70.0	641.87	678.61	707.45	761.78	746.00	657.57	628.20	681.81	726.85	722.73	672.95	658.46	637.32
G 71.0	636.40	660.41	680.63	733.51	718.61	635.71	604.07	651.08	685.92	678.74	629.12	624.05	618.67
G 72.0	624.33	633.23	644.75	696.31	682.72	607.27	572.54	612.98	636.43	627.84	580.56	583.34	592.39

LEDS C4⁺

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG Asimétrico	

Tabla de Intensidad Luminosa cd/klm Tabla 2/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.20	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 2.0	0.51	0.29	0.15	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 3.0	0.52	0.45	0.25	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.14
G 4.0	0.62	0.47	0.31	0.10	0.03	0.03	0.03	0.03	0.04	0.10	0.41
G 5.0	0.73	0.54	0.36	0.13	0.04	0.03	0.03	0.03	0.08	0.22	0.54
G 6.0	0.93	0.64	0.41	0.16	0.05	0.03	0.03	0.04	0.13	0.31	0.67
G 7.0	1.24	0.78	0.47	0.19	0.06	0.03	0.03	0.06	0.18	0.50	0.88
G 8.0	1.59	0.95	0.55	0.24	0.08	0.03	0.03	0.08	0.26	0.65	1.14
G 9.0	2.09	1.13	0.63	0.28	0.10	0.03	0.04	0.11	0.37	0.83	1.49
G 10.0	2.41	1.40	0.74	0.33	0.11	0.03	0.05	0.14	0.48	1.02	1.94
G 11.0	2.74	1.71	0.85	0.37	0.13	0.04	0.06	0.17	0.58	1.20	2.43
G 12.0	3.21	2.09	0.99	0.43	0.15	0.04	0.07	0.21	0.69	1.53	2.76
G 13.0	3.65	2.30	1.12	0.49	0.19	0.06	0.09	0.26	0.81	1.87	3.20
G 14.0	4.65	2.58	1.31	0.56	0.23	0.08	0.11	0.32	0.94	2.23	3.67
G 15.0	5.64	2.85	1.50	0.62	0.26	0.09	0.14	0.38	1.05	2.47	4.54
G 16.0	6.43	3.23	1.71	0.67	0.30	0.11	0.16	0.43	1.18	2.71	5.40
G 17.0	6.90	3.83	1.83	0.71	0.33	0.13	0.19	0.48	1.29	3.00	6.27
G 18.0	7.29	4.38	1.94	0.74	0.36	0.15	0.21	0.52	1.46	3.38	6.81
G 19.0	7.63	4.93	2.03	0.77	0.39	0.17	0.23	0.56	1.60	3.90	7.24
G 20.0	8.10	5.32	2.14	0.79	0.41	0.19	0.25	0.59	1.71	4.33	7.62
G 21.0	8.69	5.68	2.23	0.81	0.43	0.20	0.26	0.62	1.83	4.81	8.01
G 22.0	9.34	5.95	2.31	0.83	0.44	0.22	0.28	0.64	1.93	5.14	8.52
G 23.0	10.18	6.21	2.39	0.83	0.46	0.24	0.29	0.66	2.04	5.42	9.19
G 24.0	10.98	6.40	2.44	0.84	0.46	0.25	0.31	0.67	2.11	5.64	9.87
G 25.0	12.00	6.60	2.51	0.84	0.47	0.26	0.32	0.69	2.20	5.85	10.69
G 26.0	12.93	6.81	2.55	0.85	0.47	0.27	0.33	0.70	2.26	6.06	11.45
G 27.0	14.06	7.03	2.60	0.85	0.47	0.28	0.34	0.72	2.32	6.26	12.34
G 28.0	15.13	7.36	2.64	0.85	0.47	0.29	0.34	0.72	2.36	6.50	13.21
G 29.0	16.34	7.75	2.66	0.85	0.47	0.30	0.35	0.73	2.41	6.81	14.16
G 30.0	17.59	8.29	2.68	0.85	0.46	0.31	0.35	0.73	2.44	7.13	15.16
G 31.0	18.87	8.80	2.68	0.83	0.45	0.32	0.36	0.73	2.46	7.47	16.15
G 32.0	20.35	9.42	2.69	0.82	0.45	0.32	0.36	0.73	2.48	7.92	17.32
G 33.0	21.72	9.98	2.68	0.81	0.44	0.32	0.36	0.73	2.48	8.29	18.39
G 34.0	23.44	10.59	2.68	0.79	0.43	0.32	0.36	0.73	2.49	8.75	19.72
G 35.0	25.02	11.16	2.65	0.78	0.43	0.33	0.37	0.73	2.48	9.16	20.94
G 36.0	26.98	11.73	2.63	0.76	0.42	0.33	0.37	0.73	2.47	9.58	22.41
G 37.0	28.79	12.32	2.60	0.75	0.42	0.33	0.37	0.73	2.45	10.00	23.81
G 38.0	30.95	12.86	2.56	0.74	0.41	0.33	0.37	0.73	2.44	10.36	25.43
G 39.0	33.22	13.49	2.52	0.73	0.41	0.33	0.37	0.73	2.41	10.80	27.12
G 40.0	35.71	14.01	2.47	0.71	0.41	0.33	0.38	0.73	2.38	11.14	28.94
G 41.0	38.67	14.60	2.42	0.70	0.40	0.33	0.38	0.73	2.35	11.56	31.08
G 42.0	42.08	15.06	2.37	0.69	0.40	0.33	0.38	0.72	2.32	11.87	33.24
G 43.0	45.48	15.57	2.33	0.68	0.40	0.33	0.38	0.72	2.29	12.27	35.96
G 44.0	49.13	15.98	2.27	0.68	0.40	0.33	0.38	0.72	2.26	12.57	38.61
G 45.0	53.93	16.36	2.22	0.68	0.40	0.33	0.39	0.72	2.23	12.88	42.02
G 46.0	58.70	16.69	2.17	0.67	0.40	0.33	0.39	0.72	2.20	13.16	45.43
G 47.0	64.55	16.96	2.12	0.67	0.40	0.33	0.39	0.72	2.17	13.35	49.55
G 48.0	70.84	17.23	2.08	0.67	0.40	0.33	0.40	0.72	2.14	13.57	54.04
G 49.0	78.11	17.40	2.03	0.67	0.41	0.34	0.40	0.72	2.10	13.67	59.13
G 50.0	86.34	17.55	1.99	0.68	0.41	0.34	0.41	0.72	2.07	13.80	65.20
G 51.0	94.72	17.55	1.94	0.67	0.42	0.34	0.42	0.72	2.04	13.83	71.31
G 52.0	105.09	17.53	1.90	0.67	0.43	0.35	0.43	0.72	2.01	13.87	79.04
G 53.0	115.00	17.37	1.86	0.66	0.44	0.39	0.44	0.72	1.97	13.77	86.59
G 54.0	127.36	17.12	1.83	0.66	0.44	0.42	0.45	0.71	1.94	13.65	96.24
G 55.0	139.05	16.79	1.80	0.66	0.44	0.44	0.45	0.71	1.92	13.42	105.61
G 56.0	153.54	16.34	1.77	0.65	0.45	0.46	0.46	0.71	1.89	13.13	117.20
G 57.0	167.66	15.81	1.74	0.65	0.46	0.47	0.47	0.71	1.86	12.75	129.18
G 58.0	183.79	15.22	1.71	0.65	0.47	0.49	0.48	0.71	1.84	12.34	142.84
G 59.0	200.87	14.62	1.68	0.65	0.49	0.52	0.49	0.71	1.82	11.89	158.13
G 60.0	218.59	13.97	1.65	0.65	0.50	0.55	0.50	0.71	1.79	11.42	173.89
G 61.0	238.65	13.34	1.63	0.65	0.51	0.60	0.51	0.70	1.77	10.97	192.67
G 62.0	257.99	12.68	1.60	0.65	0.53	0.65	0.52	0.70	1.75	10.54	210.74
G 63.0	280.84	12.02	1.58	0.65	0.54	0.71	0.53	0.70	1.72	10.13	232.86
G 64.0	302.25	11.39	1.55	0.65	0.56	0.77	0.55	0.70	1.70	9.73	253.63
G 65.0	327.84	10.82	1.53	0.65	0.58	0.79	0.56	0.70	1.68	9.35	278.01
G 66.0	352.04	10.27	1.51	0.65	0.59	0.79	0.57	0.70	1.65	8.99	302.63
G 67.0	377.58	9.88	1.49	0.64	0.61	0.76	0.58	0.69	1.63	8.67	328.80
G 68.0	396.89	9.60	1.47	0.64	0.64	0.75	0.60	0.69	1.61	8.41	353.85
G 69.0	406.90	9.33	1.45	0.64	0.66	0.75	0.61	0.69	1.58	8.24	372.91
G 70.0	406.34	9.07	1.43	0.64	0.69	0.79	0.63	0.69	1.56	8.07	383.21
G 71.0	399.26	8.80	1.41	0.63	0.74	0.86	0.65	0.70	1.54	7.90	386.24
G 72.0	387.43	8.47	1.39	0.63	0.78	0.92	0.67	0.70	1.52	7.71	386.03

LEDS C4⁺

Luminaria

Código 55-E031-14-CK

Nombre REK

Ensayo

Código 55-E031-14-CK

Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 3/4

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	605.11	600.24	604.46	651.61	639.28	571.40	534.41	569.14	584.39	573.90	530.23	537.76	560.62
G 74.0	577.72	560.90	558.11	600.74	589.96	529.32	489.66	519.84	529.38	517.86	477.50	489.12	524.06
G 75.0	544.23	517.57	508.89	546.00	536.62	482.20	441.24	467.85	472.77	460.94	425.05	439.19	482.54
G 76.0	505.87	471.46	456.78	489.52	479.36	430.67	390.31	412.72	415.91	405.40	372.60	390.03	439.67
G 77.0	461.89	423.55	404.82	431.07	421.50	377.06	336.83	357.45	359.06	350.52	322.12	341.30	392.60
G 78.0	415.77	376.25	352.86	375.06	363.63	322.47	283.16	303.52	304.91	299.74	273.54	296.23	347.75
G 79.0	369.65	328.60	302.58	320.92	306.01	268.60	230.14	249.58	252.52	248.95	228.01	251.16	302.57
G 80.0	320.15	283.76	255.77	266.79	250.26	215.06	180.12	199.19	204.16	202.35	186.71	209.65	257.39
G 81.0	272.17	239.24	209.03	215.33	195.90	163.84	133.50	151.63	158.11	158.68	146.69	170.30	213.26
G 82.0	227.01	196.58	166.25	166.30	144.75	116.64	92.96	108.36	115.62	118.48	111.72	133.03	171.39
G 83.0	178.53	154.29	124.06	120.36	97.59	76.76	63.87	71.67	77.25	82.81	79.64	98.33	130.94
G 84.0	134.45	113.31	85.87	80.17	64.48	45.74	34.79	43.11	50.18	53.36	55.31	67.61	92.33
G 85.0	91.91	76.74	58.32	48.25	31.38	28.65	18.20	27.20	23.11	33.96	30.98	42.06	58.39
G 86.0	62.22	47.17	30.77	30.06	14.72	11.57	9.66	11.29	11.14	14.55	15.34	26.37	36.79
G 87.0	32.53	29.85	14.77	11.86	9.93	6.74	6.65	6.43	7.66	7.26	10.00	10.68	15.20
G 88.0	15.84	12.53	10.00	6.70	5.14	5.11	3.64	4.82	4.17	5.25	4.66	5.93	7.31
G 89.0	10.28	7.07	5.24	4.95	3.72	3.49	2.71	3.20	3.05	3.24	3.32	4.41	5.14
G 90.0	4.71	1.62	3.68	3.21	2.67	2.53	2.04	2.29	2.19	2.35	2.41	2.89	2.96

LEDS C4⁺

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 4/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	373.87	8.05	1.37	0.63	0.83	0.96	0.70	0.71	1.50	7.45	382.80
G 74.0	355.64	7.55	1.35	0.63	0.88	0.90	0.74	0.71	1.48	7.16	375.79
G 75.0	334.77	6.98	1.32	0.63	0.92	0.88	0.79	0.71	1.45	6.76	364.32
G 76.0	310.30	6.43	1.30	0.63	0.97	0.88	0.84	0.71	1.43	6.35	348.08
G 77.0	282.87	5.83	1.27	0.63	1.03	0.86	0.89	0.71	1.40	5.89	327.23
G 78.0	253.54	5.29	1.23	0.63	1.08	0.77	0.92	0.71	1.36	5.44	302.39
G 79.0	222.28	4.75	1.17	0.64	1.09	0.75	0.92	0.71	1.30	4.99	273.51
G 80.0	191.16	4.27	1.11	0.64	1.08	0.72	0.92	0.72	1.23	4.54	243.33
G 81.0	158.37	3.81	1.05	0.64	1.05	0.70	0.91	0.72	1.16	4.14	209.19
G 82.0	127.65	3.40	0.97	0.65	1.01	0.68	0.89	0.72	1.08	3.74	176.13
G 83.0	96.09	3.03	0.91	0.66	0.94	0.66	0.86	0.72	1.00	3.37	140.49
G 84.0	67.92	2.70	0.86	0.67	0.88	0.66	0.82	0.72	0.92	3.02	106.56
G 85.0	43.57	2.44	0.85	0.69	0.82	0.65	0.79	0.73	0.86	2.72	74.92
G 86.0	24.96	2.19	0.82	0.70	0.79	0.65	0.78	0.74	0.84	2.46	51.88
G 87.0	12.43	1.94	0.80	0.71	0.76	0.65	0.77	0.74	0.83	2.23	28.84
G 88.0	7.72	1.61	0.78	0.68	0.72	0.72	0.74	0.74	0.82	2.00	14.82
G 89.0	3.01	1.23	0.68	0.64	0.67	0.79	0.71	0.71	0.78	1.73	9.24
G 90.0	2.12	0.90	0.57	0.59	0.59	0.86	0.65	0.65	0.68	1.37	3.67

LEDS C4⁺

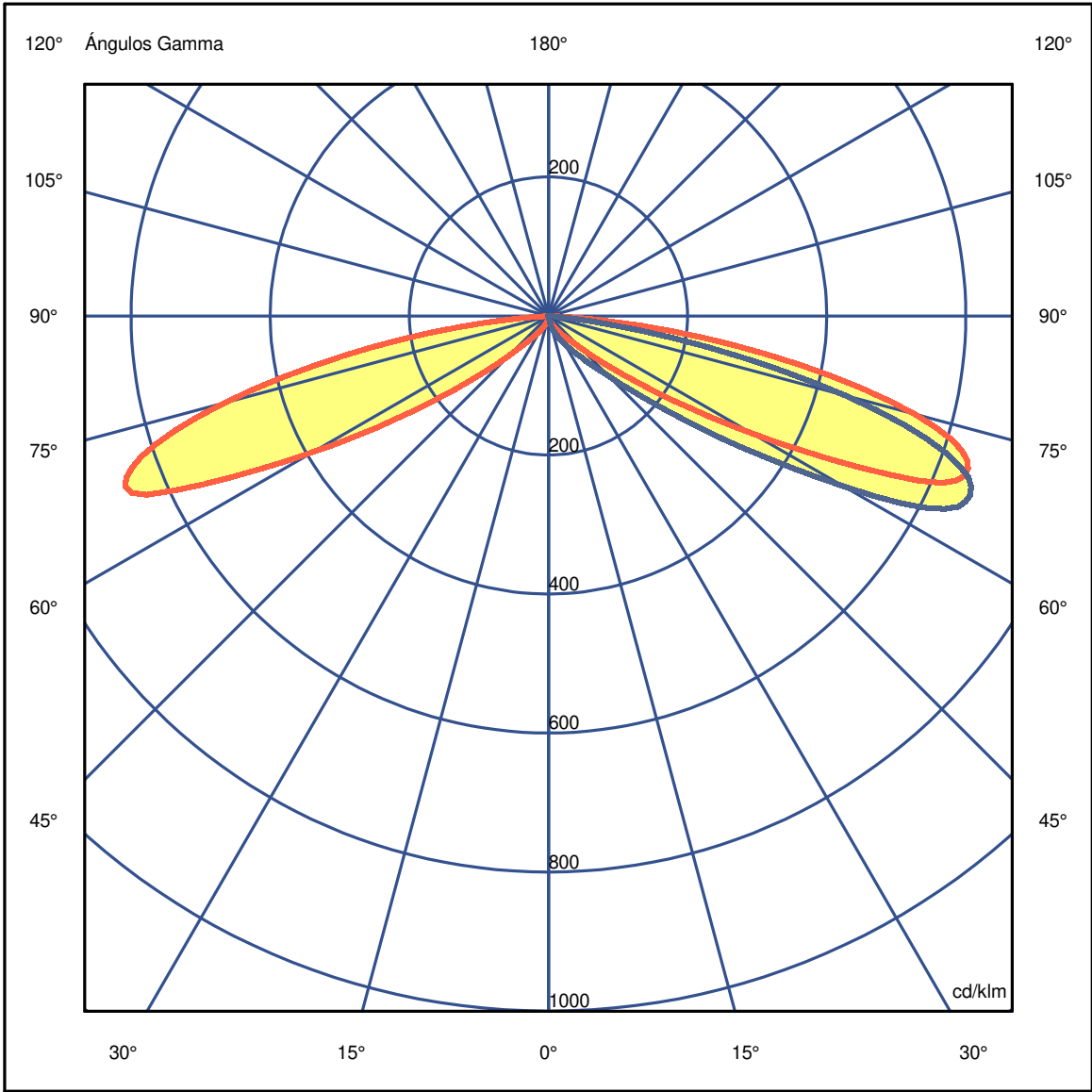
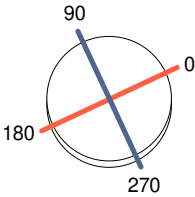
Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm

Semiplanos C

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270.0 ————— 90.0

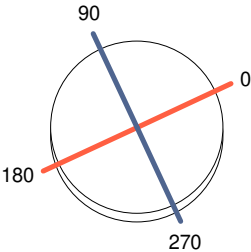


LEDS C4⁺

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

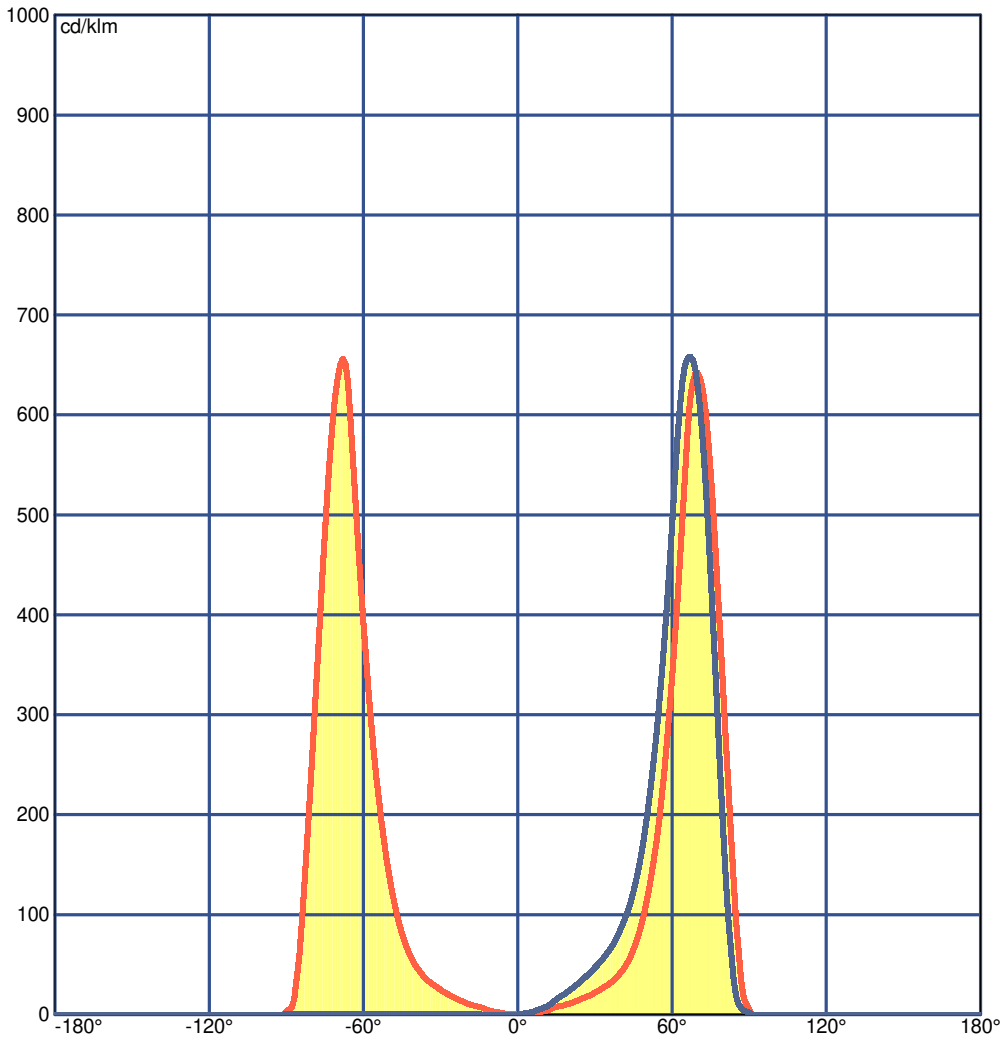
Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm



Semiplanos C

180.0	—	0.0
270.0	—	90.0



LEDS C4⁺

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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										
Vista Lateral						Vista Longitudinal				
x=2H y=2H	28.7	30.8	29.0	31.1	31.3	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	34.1	36.0	34.4	36.3	36.6	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	35.7	37.6	36.1	37.9	38.2	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	36.6	38.4	37.0	38.7	39.1	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	36.8	38.5	37.2	38.9	39.2	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	36.9	38.5	37.3	38.9	39.2	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	30.9	32.7	31.2	33.0	33.4	3.7	5.6	4.1	5.9	6.2
x=4H y=3H	35.2	36.8	35.6	37.2	37.6	3.6	5.2	4.0	5.5	5.9
x=4H y=4H	36.7	38.2	37.2	38.6	39.0	3.6	5.0	4.0	5.4	5.8
x=4H y=6H	37.7	39.0	38.1	39.4	39.8	3.7	5.0	4.1	5.4	5.8
x=4H y=8H	37.9	39.1	38.4	39.5	40.0	3.8	5.0	4.2	5.4	5.8
x=4H y=12H	38.0	39.1	38.5	39.6	40.0	3.9	5.0	4.4	5.4	5.9
x=8H y=4H	37.1	38.3	37.5	38.7	39.1	14.3	15.5	14.8	16.0	16.4
x=8H y=6H	38.1	39.0	38.5	39.5	40.0	14.3	15.3	14.8	15.7	16.2
x=8H y=8H	38.4	39.2	38.8	39.7	40.1	14.3	15.2	14.8	15.6	16.1
x=8H y=12H	38.5	39.2	39.0	39.7	40.2	14.4	15.1	14.9	15.5	16.0
x=12H y=4H	37.1	38.2	37.6	38.6	39.1	16.3	17.4	16.8	17.9	18.3
x=12H y=6H	38.1	39.0	38.6	39.4	39.9	16.3	17.2	16.8	17.6	18.1
x=12H y=8H	38.4	39.1	38.9	39.6	40.1	16.3	17.1	16.8	17.5	18.0

LEDS C4⁺

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Flujo Total=459.00 Flujo Luminaria=459.00

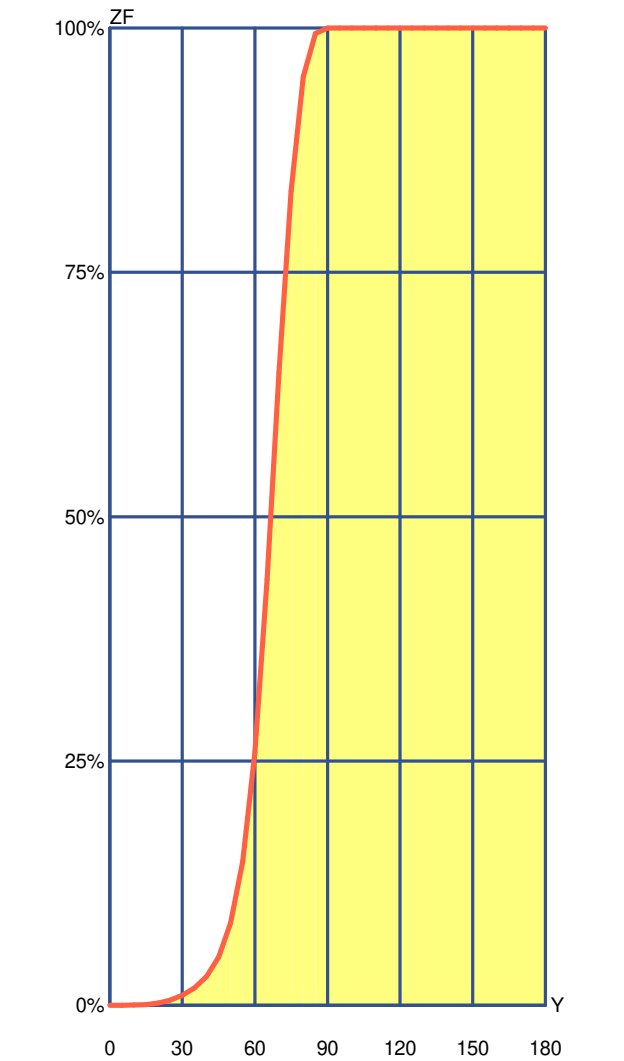
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.05	0.07	0.11	0.17	0.24	0.36	0.45	0.53	0.65	0.72	0.89	0.98
RC	-	-	-	-	-	-	10	10	9	8	7	2

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)	0	2	10	30	84	259	647	950	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
4 26 85 100 100

C.I.E.	-/-/-/-/-/10/10/9/8/7/2	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 10 / 2.5 / BZ 9 / 4 / BZ 8	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°	0.01	0.01	0.00 %	0.00 %
10°	0.15	0.16	0.01 %	0.02 %
15°	0.63	0.79	0.06 %	0.08 %
20°	1.53	2.32	0.15 %	0.23 %
25°	2.89	5.21	0.29 %	0.52 %
30°	4.84	10.06	0.48 %	1.01 %
35°	7.56	17.62	0.76 %	1.76 %
40°	11.90	29.51	1.19 %	2.95 %
45°	19.84	49.35	1.98 %	4.93 %
50°	34.84	84.19	3.48 %	8.42 %
55°	63.26	147.45	6.33 %	14.75 %
60°	111.47	258.92	11.15 %	25.89 %
65°	176.66	435.58	17.67 %	43.56 %
70°	211.69	647.27	21.17 %	64.73 %
75°	185.91	833.18	18.59 %	83.32 %
80°	117.02	950.20	11.70 %	95.02 %
85°	44.31	994.51	4.43 %	99.45 %
90°	5.49	1000.00	0.55 %	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 %

LEDS C4⁺

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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	252	226	221	199	215	190	122	104	110	94	56	42	17	11	88	45	40	13	11	38	11	10	0		
0.80	300	275	253	233	261	223	154	135	133	117	70	55	22	16	110	58	52	18	15	50	16	14	0		
1.00	331	308	268	250	293	240	179	160	148	133	79	65	26	20	124	67	62	22	19	59	20	17	0		
1.25	356	335	273	259	319	249	203	184	158	144	87	74	31	25	136	76	71	27	24	67	24	22	0		
1.50	370	352	271	259	335	249	221	203	162	150	93	81	36	30	142	82	77	32	28	73	29	26	0		
2.00	385	370	256	247	353	239	247	231	162	153	98	88	44	38	145	89	84	40	36	81	37	34	0		
2.50	390	377	238	232	360	225	266	251	158	151	101	92	51	45	143	92	88	47	44	85	44	41	0		
3.00	392	381	222	217	364	211	279	267	153	147	102	95	57	51	140	94	91	53	50	88	50	47	0		
4.00	391	383	196	193	367	188	299	288	143	139	103	97	66	61	133	96	94	62	59	91	59	56	0		
5.00	390	384	178	176	367	172	311	302	136	133	103	98	73	68	128	97	95	69	66	92	66	63	0		
10.00	385	382	135	134	367	131	341	336	117	115	103	101	90	87	112	99	98	86	84	95	83	80	0		
20.00	384	382	113	112	367	111	359	356	107	106	103	102	99	98	104	100	99	97	95	97	94	91	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	584	570	544	533	563	528	443	435	426	419	357	352	307	305	415	352	350	306	305	349	305	305	286
0.80	707	692	653	642	681	633	554	544	529	520	453	447	397	395	515	447	445	395	394	443	394	393	372
1.00	802	787	734	723	773	714	645	634	610	602	532	525	472	470	594	525	522	470	469	519	469	467	443
1.25	893	879	808	799	862	788	735	724	689	681	611	604	550	546	671	603	600	547	545	596	545	543	516
1.50	958	945	858	850	925	838	804	792	745	737	670	662	608	605	726	660	657	605	603	653	602	600	571
2.00	1000	1000	914	908	1000	896	895	884	814	808	746	739	688	684	795	735	733	684	682	727	680	677	644
2.50	1000	1000	932	928	1000	916	945	934	845	840	784	778	732	728	827	773	771	726	724	764	722	718	682
3.00	1000	1000	936	932	1000	920	973	963	858	854	804	799	757	752	841	793	791	751	748	784	745	741	702
4.00	1000	1000	914	911	1000	901	991	982	853	849	809	805	770	766	836	798	796	763	761	788	757	751	709
5.00	1000	1000	879	877	1000	868	983	975	829	826	793	789	761	757	813	782	780	753	751	771	746	739	695
10.00	899	896	672	671	867	664	840	835	647	646	631	629	616	613	633	620	619	606	605	609	597	588	538
20.00	593	591	348	348	561	342	552	549	337	336	332	331	328	326	325	321	320	317	316	310	306	296	243

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	403	388	376	364	379	356	234	225	225	218	136	131	72	71	213	131	129	71	70	128	70	69	46
0.80	479	462	441	428	447	416	290	279	277	268	177	170	102	100	259	169	167	100	99	164	99	98	71
1.00	552	534	503	490	515	475	354	341	335	325	230	221	149	145	313	220	216	146	144	212	144	142	114
1.25	633	615	571	558	592	541	432	417	404	394	298	288	213	209	379	285	282	209	207	276	206	203	174
1.50	705	688	630	618	661	600	506	491	470	459	365	356	280	275	442	351	347	275	272	340	271	267	239
2.00	819	803	721	712	771	693	630	616	578	569	482	473	401	395	548	465	462	394	391	452	388	383	356
2.50	904	890	788	781	855	762	729	715	662	654	576	567	502	496	632	558	555	493	490	543	486	480	454
3.00	967	955	837	832	917	813	805	792	725	719	649	641	581	575	696	630	627	571	568	614	563	555	532
4.00	1000	1000	904	900	1000	882	915	903	815	810	754	747	698	692	786	734	731	686	683	717	675	666	646
5.00	1000	1000	946	943	1000	927	988	977	873	869	823	817	778	772	845	803	801	764	761	785	751	740	722
10.00	1000	1000	1000	1000	1000	1000	1000	1000	996	994	975	972	955	951	972	954	953	937	935	935	921	905	892
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	986	976

LM53 SHR C0-C180: 30.514 SHR C90-C270: 21.766 SHR Superficial: 2.850

LEDS C4[®]

Luminaria

Código 55-E031-14-CK

Nombre REK

Ensayo

Código 55-E031-14-CK

Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

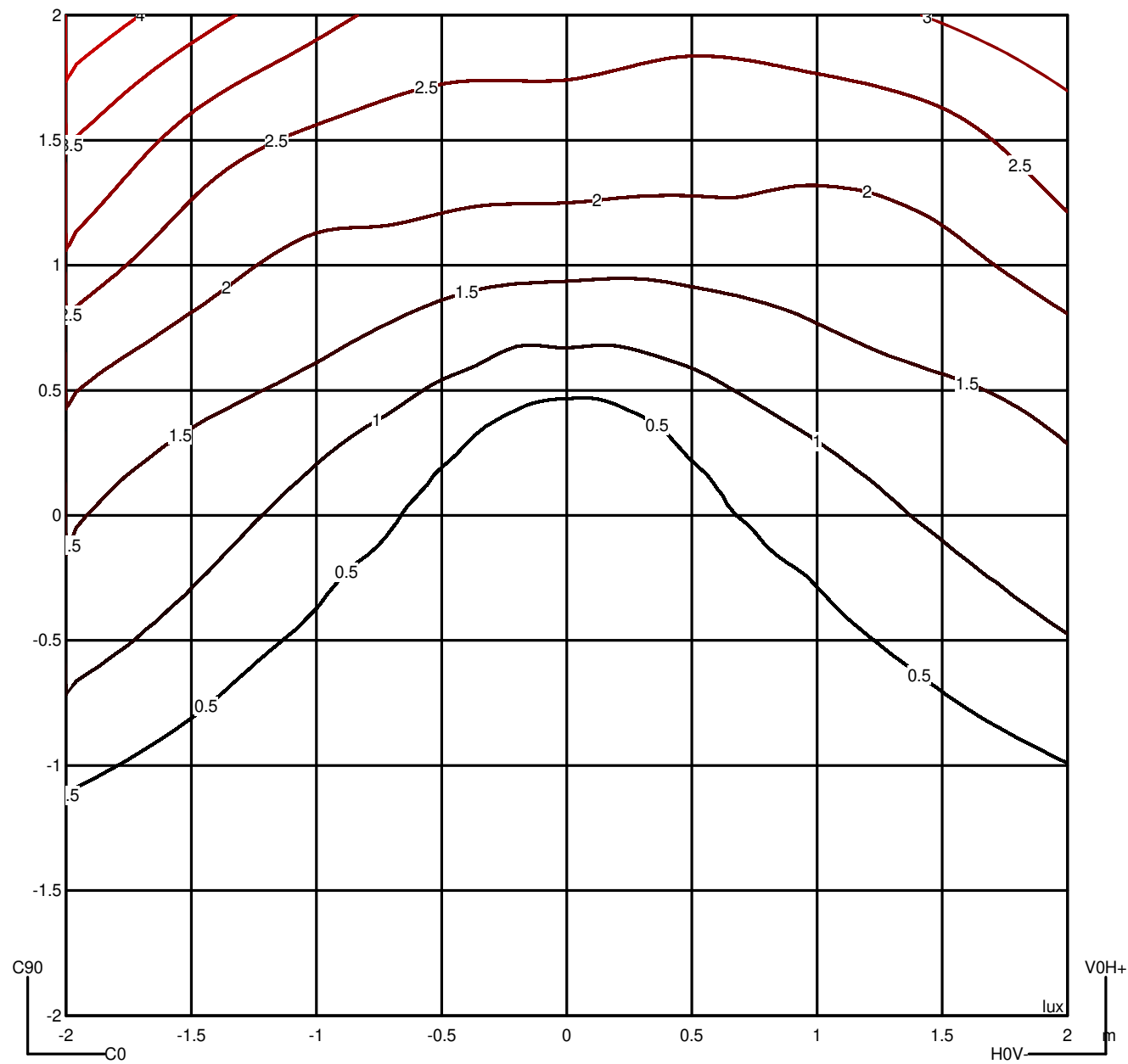
LEDS C4⁺

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Isolux (Suelo)

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

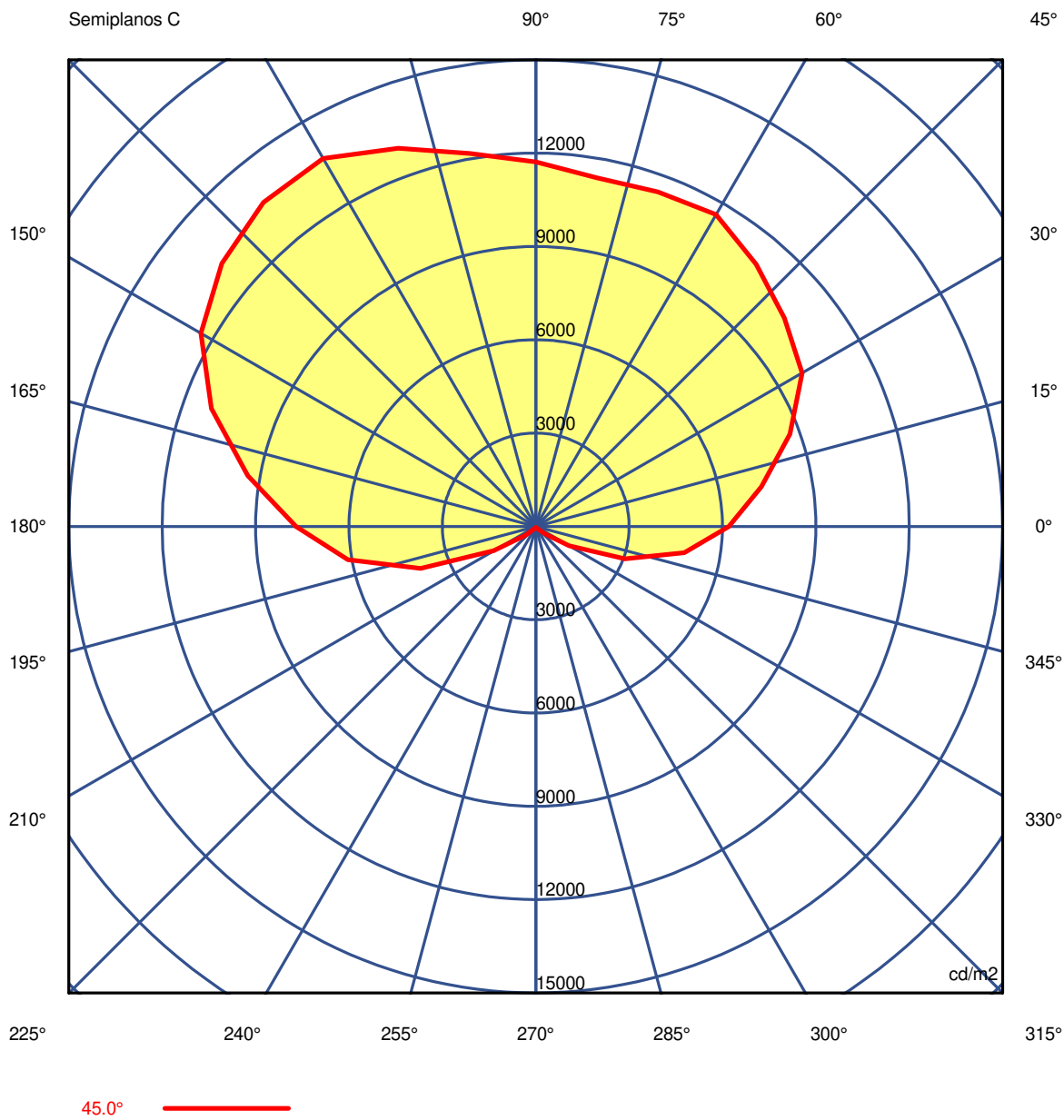


LEDS C4⁺

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Luminancia



LEDS C4²

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%						
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico						
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	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89
G 5.0	55.41	69.12	81.37	91.75	101.92	117.36	131.77	133.34	137.93	145.85	141.74	137.13	132.67
G 10.0	219.96	247.94	289.09	329.37	342.63	360.44	390.10	409.59	433.53	448.38	423.06	404.75	400.66
G 15.0	523.00	580.66	667.14	768.23	842.65	909.16	957.88	962.95	1004.87	1057.75	1017.22	992.47	1003.00
G 20.0	786.89	921.96	1072.39	1218.46	1322.90	1415.74	1510.02	1590.83	1667.01	1716.58	1700.00	1654.47	1603.60
G 25.0	1177.83	1380.08	1597.27	1802.05	1951.72	2105.58	2268.55	2387.12	2492.39	2563.90	2539.32	2480.05	2410.28
G 30.0	1706.09	1967.81	2267.63	2559.38	2762.36	2984.63	3234.85	3411.49	3557.83	3655.20	3622.83	3527.21	3398.81
G 35.0	2437.87	2797.63	3220.50	3624.23	3869.99	4156.61	4507.79	4751.25	4966.94	5122.56	5080.47	4985.95	4873.15
G 40.0	3697.26	4304.40	5025.72	5686.84	6006.88	6395.88	6874.30	7068.47	7271.41	7521.43	7564.28	7665.67	7771.91
G 45.0	6200.06	7353.77	8686.34	9878.62	10425.82	11005.80	11578.55	11454.02	11383.79	11720.39	12174.21	12940.38	13666.42
G 50.0	11645.60	13967.70	16187.16	18100.27	19521.43	20701.26	21182.82	20289.53	19675.57	20188.47	21430.89	23563.88	25640.87
G 55.0	22994.99	27713.13	32259.80	36063.97	38491.43	40159.79	40266.43	37561.06	35809.99	36804.51	39447.13	43972.07	48563.92
G 60.0	45547.50	54471.35	62560.84	69062.82	73578.69	76678.99	76275.42	69935.90	65193.92	66190.02	71468.49	80664.24	89447.81
G 65.0	86062.37	99542.56	108824.31	114712.96	121118.54	124626.14	121160.65	110550.30	103006.74	103852.85	110850.57	121319.87	130661.24
G 70.0	126810.21	132006.18	135646.01	139764.84	147412.02	151673.18	147381.55	135706.07	125836.44	124108.95	130443.56	138484.00	143599.29
G 75.0	142082.10	137360.01	133160.35	132857.57	139471.02	143633.84	140095.33	131197.16	120774.46	115196.64	119338.05	123525.99	123426.15
G 80.0	124577.76	115282.63	105499.72	99524.67	102343.25	103214.13	97383.28	88940.43	77791.39	70088.45	74307.56	79109.07	79444.51
G 85.0	71260.16	63904.14	54412.86	45215.97	40367.16	32858.88	24328.14	23113.67	19231.47	14108.98	18949.11	20421.09	17918.35
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 55-E031-14-CK

Nombre REK

Ensayo

Código 55-E031-14-CK

Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria		19.5 W		Eficacia		23.538 lm/W		Eficiencia		100.00%	
Flujo Fuente	459 lm	Valor Máximo		830.19 cd/klm		Posición		C=135.00 G=65.00		CG		Asimétrico	
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	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89
G 5.0	117.82	107.36	103.62	93.81	80.64	67.49	54.77	44.42	36.62	29.11	19.07	8.70	3.60
G 10.0	373.79	348.33	324.92	279.13	242.36	220.64	186.96	141.59	96.26	63.24	39.70	22.41	11.21
G 15.0	956.12	886.02	806.26	695.21	603.79	539.08	452.78	327.20	199.10	128.07	82.25	43.23	23.66
G 20.0	1539.19	1457.41	1339.58	1167.98	991.87	828.61	659.56	514.82	382.27	222.74	105.46	56.66	36.36
G 25.0	2299.26	2169.90	2009.78	1781.05	1539.34	1301.56	1034.56	755.56	491.85	270.34	127.19	62.82	40.57
G 30.0	3218.37	3057.61	2879.02	2569.78	2241.42	1939.02	1587.00	1128.80	646.76	314.32	137.66	66.09	41.47
G 35.0	4653.61	4471.89	4260.07	3788.59	3264.01	2817.11	2360.04	1695.56	920.32	378.77	126.55	64.13	42.26
G 40.0	7550.95	7346.66	7059.73	6206.92	5221.77	4410.89	3644.50	2526.68	1235.76	426.67	110.61	62.94	44.78
G 45.0	13611.16	13162.48	12428.66	11090.58	9395.17	7707.06	6133.58	3935.00	1563.31	420.98	112.26	64.76	46.52
G 50.0	26019.67	25289.18	23775.14	21164.28	17920.72	14582.37	11197.66	6504.75	1844.94	288.26	166.88	70.96	52.72
G 55.0	49965.75	48787.24	45713.63	40722.06	34612.68	28059.14	20877.30	11074.62	1977.50	800.26	166.84	77.23	60.66
G 60.0	91398.87	88820.79	83494.82	74946.93	64617.98	52975.98	38624.40	19086.47	1887.88	778.01	177.95	87.70	74.62
G 65.0	133680.61	130443.40	124020.48	117778.76	109553.68	94949.57	69560.11	32959.32	1730.74	740.44	198.11	103.75	96.00
G 70.0	144409.96	139770.06	132950.80	131042.27	128695.54	125910.62	102275.01	51605.19	1791.81	785.81	230.57	126.07	132.91
G 75.0	122190.07	117205.93	110967.77	111253.64	119902.09	125977.75	108987.46	56910.62	1821.34	837.66	285.77	165.68	215.52
G 80.0	79642.96	76570.25	72653.23	76255.72	88847.25	100156.08	91125.06	49005.35	1663.37	842.89	370.98	247.64	363.41
G 85.0	23732.85	26318.01	24021.57	28188.45	37762.05	45268.69	41382.95	22592.76	1890.20	1067.18	614.99	533.63	599.76
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 C4²

Luminaria

Código 55-E031-14-CK
Nombre REK

Ensayo

Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

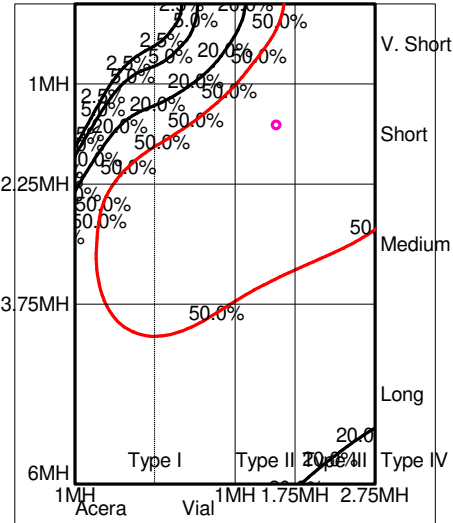
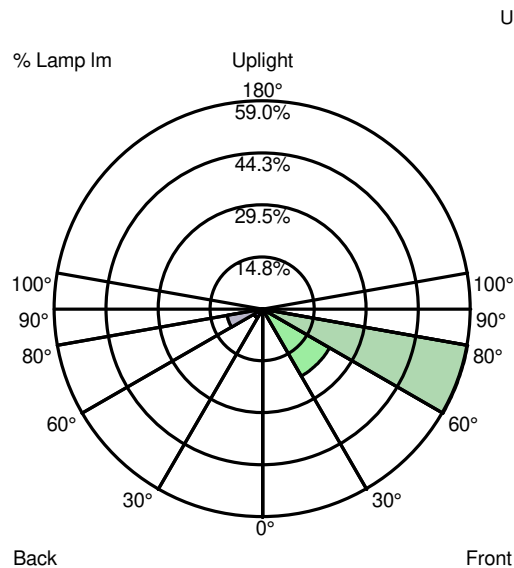
Luminance cd/m2 Tabla 3/3

	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	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89
G 5.0	2.39	1.96	1.93	1.79	1.94	3.58	7.24	15.15	29.27	43.61
G 10.0	4.90	2.33	2.49	3.97	9.37	23.43	43.14	69.69	108.95	160.63
G 15.0	13.34	6.59	7.03	13.18	26.26	52.49	101.12	172.72	262.48	380.80
G 20.0	23.08	13.38	14.12	23.02	42.53	85.32	175.38	311.51	467.33	627.64
G 25.0	29.07	19.41	20.31	28.75	51.25	110.14	238.39	436.42	672.08	923.08
G 30.0	30.92	24.03	24.86	32.04	56.99	127.40	279.04	556.33	969.78	1372.70
G 35.0	30.72	26.96	27.41	35.93	60.28	127.02	328.94	755.57	1404.79	1998.24
G 40.0	31.12	29.39	29.86	40.81	64.36	123.24	366.30	982.44	2025.32	2993.65
G 45.0	33.26	31.35	32.83	44.56	68.97	128.87	373.01	1230.81	3043.86	4844.15
G 50.0	41.47	35.57	40.27	45.43	75.97	169.63	294.63	1450.95	4873.66	8615.48
G 55.0	52.28	52.07	58.95	63.51	83.56	178.41	677.56	1581.02	8307.42	16233.72
G 60.0	70.30	74.74	70.07	76.92	95.30	193.19	675.65	1542.67	14982.38	31380.78
G 65.0	103.61	126.57	101.81	96.82	111.60	215.91	677.10	1495.18	27811.55	59556.27
G 70.0	142.87	155.94	134.46	127.93	136.35	251.46	737.55	1594.63	48553.42	96954.17
G 75.0	237.07	230.32	214.17	199.35	185.85	314.93	841.54	1765.67	62251.67	117810.05
G 80.0	374.52	280.95	332.34	331.52	278.50	411.02	907.48	1767.87	63282.79	113334.43
G 85.0	630.22	507.11	575.41	593.84	562.41	631.12	1146.08	2107.27	39594.64	62478.50
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

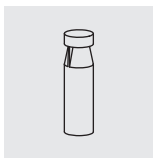
LEDS C4⁺

Luminaria
Código 55-E031-14-CK
Nombre REK
Ensayo
Código 55-E031-14-CK
Nombre REK

Flujo Luminaria	459 lm	Potencia Luminaria	19.5 W	Eficacia	23.538 lm/W	Eficiencia	100.00%
Flujo Fuente	459 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

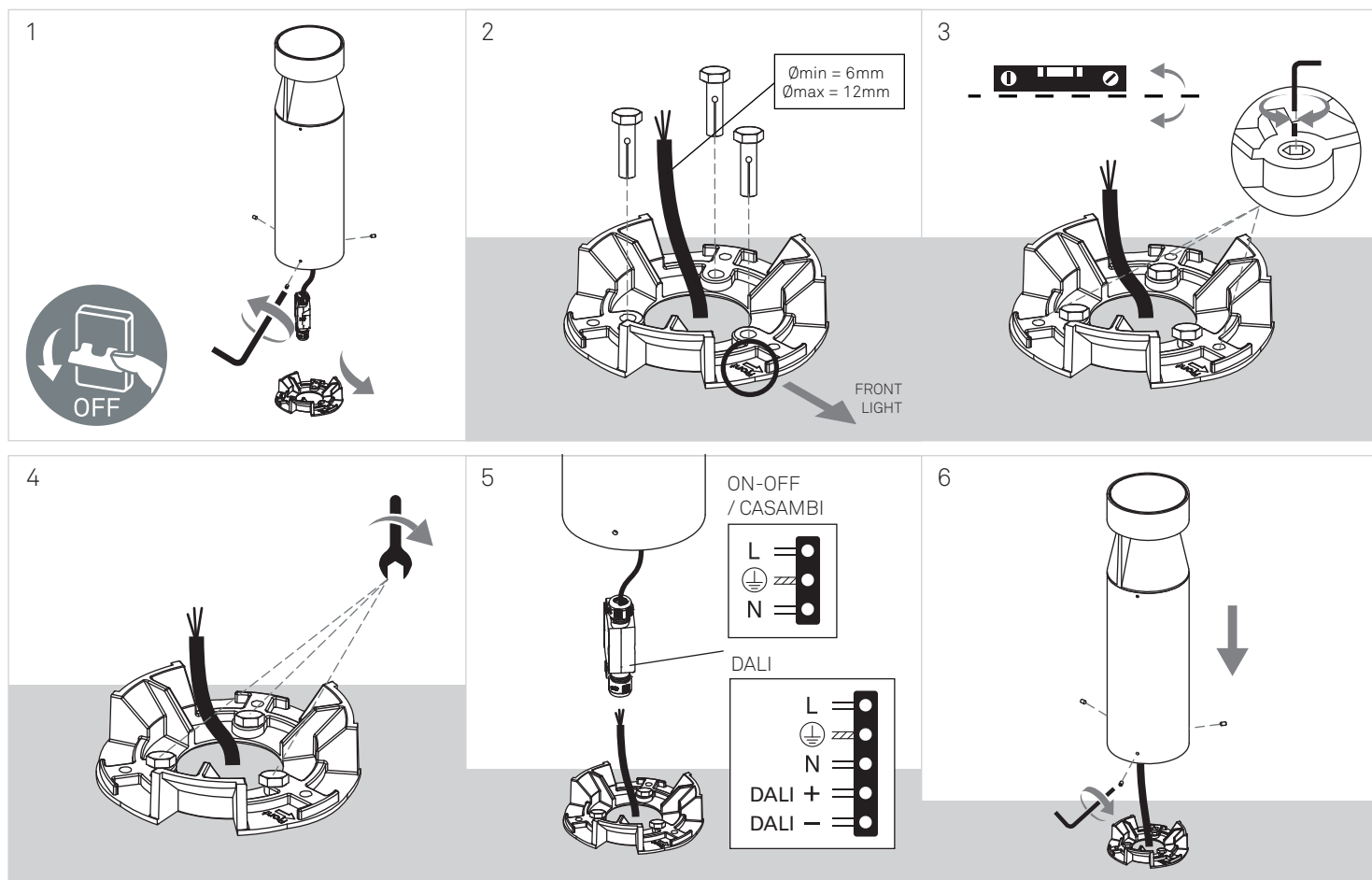
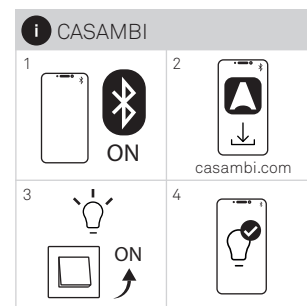
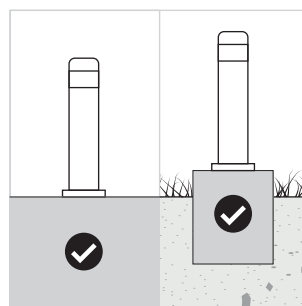
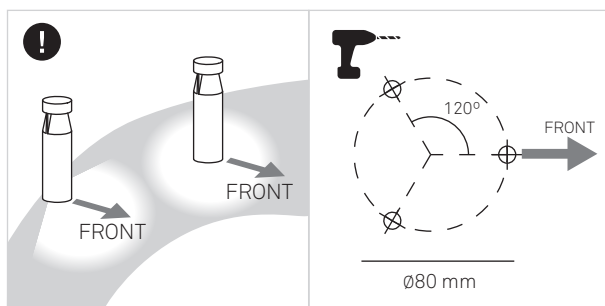
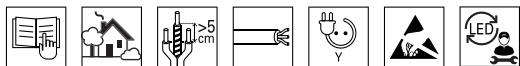


Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	3.9 lm	0.9 % 0.9 %
FM	30° -- 60°	100.9 lm	22.0 % 22.0 %
FH	60° -- 80°	270.9 lm	59.0 % 59.0 %
FVH	80° -- 90°	17.1 lm	3.7 % 3.7 %
BL	0° -- 30°	0.7 lm	0.1 % 0.1 %
BM	30° -- 60°	13.1 lm	2.9 % 2.9 %
BH	60° -- 80°	46.7 lm	10.2 % 10.2 %
BVH	80° -- 90°	5.8 lm	1.3 % 1.3 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
TOTALS		459.0 lm	100.0 % 100.0 %
BUG B0 U0 G1 Type IV Short Asymmetrical			

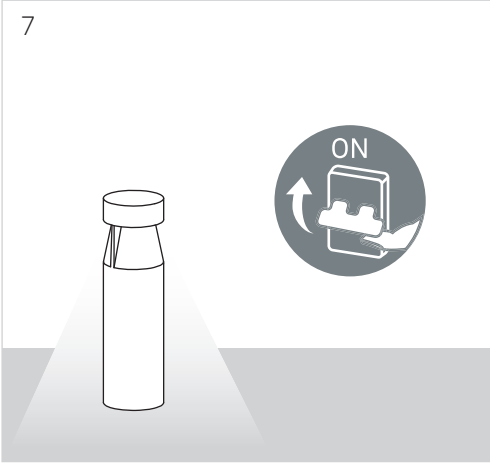


REK

LEDS C4



7





REK

55-E031-14-CK

Baliza de uso exterior

Material de la estructura: Aluminio. Acabado estructura: Blanco. Material del difusor: Policarbonato. Acabado difusor: Transparente. Protección contra los rayos ultravioleta. Garantía: 5 Años.

Peso neto del producto (Kg): 5.16
Anchura o diámetro del producto (mm): 150
Altura del producto (mm): 934

Clase 1. IP: IP66. IK: IK10. LED. Nº de portalámparas o Leds: 1. Marca del LED: NICHIA. Marca del Driver: VOSSLÖH-SCHWABE. Potencia máxima de la fuente de luz: 16.6W. Temperatura de color: 2700K. Índice de reproducción cromática: 80. Steps Mac Adam: 3. Horas de vida: 50.000h L80B20. UGR: 27.6. Riesgo fotobiológico: RG1. Flujo real (lm): 459. Lm / W reales: 24. Rango de voltaje / frecuencia: 100-240/50-60Hz. Voltaje: 12. Equipo incluido: Si, electrónico. Potencia total: 19.5. Factor de potencia: 0.94. Equipo regulable incluido: ON-OFF.



REK

Francesc Vilaró

55-E026-14-CL

Baliza IP66 REK LED 11.4W 3000K Blanco 325lm



CARACTERÍSTICAS TÉCNICAS



Consumo total de la luminaria (W) : 13.7W

Lúmenes reales : 325

Lm / W reales : 24

Temperatura de color correlacionada (CCT) : Blanco cálido - 3000K

Material de la estructura : Aluminio

Acabado estructura : Blanco

Material del difusor : Policarbonato

Acabado difusor : Transparente

Marca Driver : TCI

Voltaje / Frecuencia : 220-240V/50-60Hz

Protocolo de regulación : DALI-2

Power Factor : 0.95

Vida útil : 50.000h L80B20

Garantía : 5 Años

Resistencia ambientes marinos : Sí

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)
LED	1	11.4W

LOGÍSTICA

Peso neto (Kg): 3.39

Peso embalado (Kg): 4.09

Embalaje: 190mm x 190mm x 590mm





71-E092-48-48

Pernos de fijación al suelo

Material de la estructura: Acero

Medidas: NA x NA x NA

Peso neto (Kg): 0.23

LEDS C4⁺

Luminaria

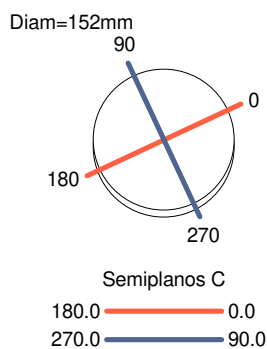
Código 55-E026-14-CL
Nombre REK

Ensayo

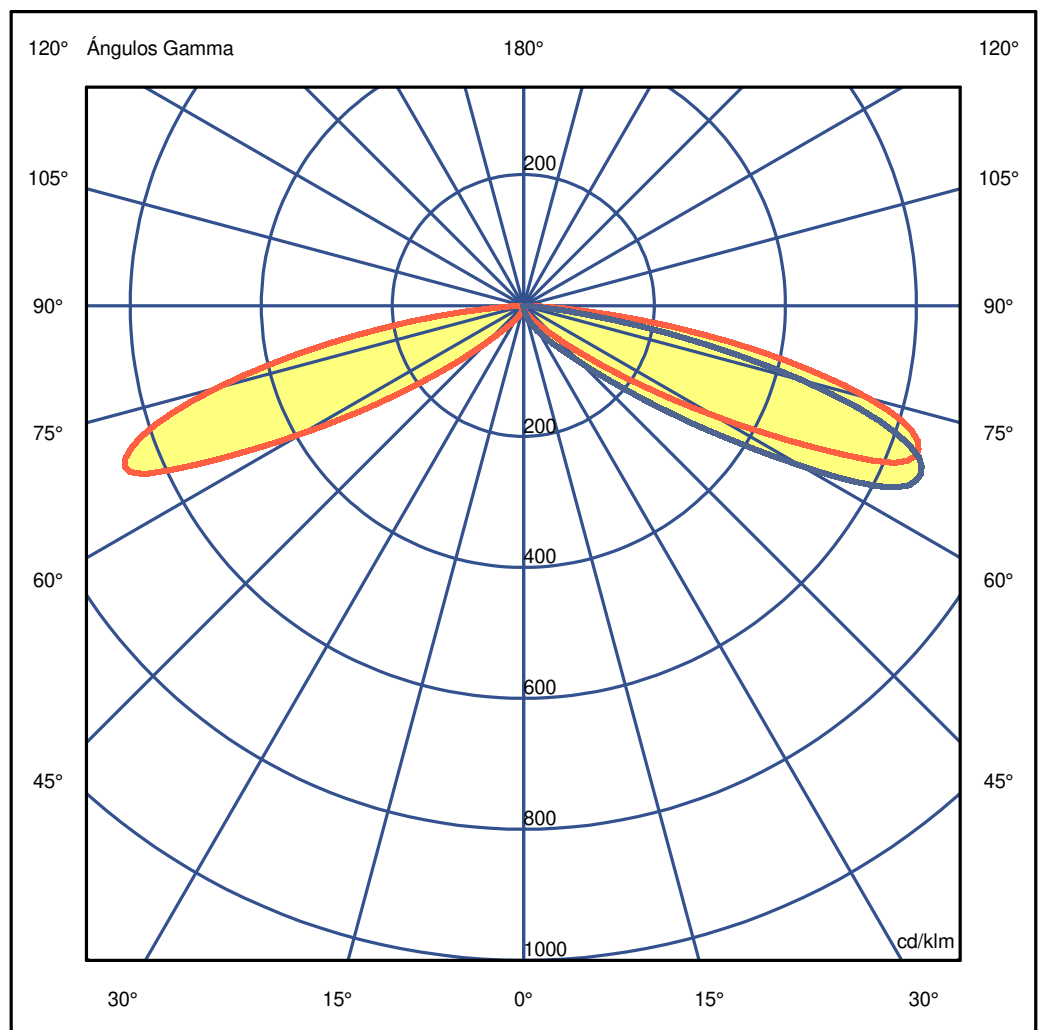
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico
Luminaria Redonda		Diam.	152 mm	Altura	500 mm		
Área Luminosa Redonda		Diam.	93 mm	Altura	0 mm		
Área Luminosa Horizontal		0.006793 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°		0.001643 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		06-10-2021		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		325 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
C.I.E.	4 26 85 100 100		325.00	13.70	1	
F UTE	--	D DIN 5040 B NBN	A10 BZ 10 / 2.5 / BZ 9 / 4 / BZ 8			



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



LEDS C4⁺

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm		Potencia Luminaria		13.7 W		Eficacia		23.723 lm/W		Eficiencia		100.00%		
Flujo Fuente	325 lm		Valor Máximo		830.19 cd/klm		Posición		C=135.00 G=65.00		CG Asimétrico				
Tabla de Intensidad Luminosa cd/klm														Tabla 1/4	
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00		
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.03	0.03	0.33	0.03	0.44	0.18	0.42	0.40	0.36	0.39	0.44	0.14	0.24	0.24	0.24
G 2.0	0.18	0.32	0.63	0.59	0.86	0.61	0.80	0.71	0.69	0.63	0.57	0.53	0.53	0.53	0.53
G 3.0	0.62	0.71	0.79	0.87	1.14	1.04	1.17	1.07	0.84	0.96	0.71	0.60	0.57	0.60	0.57
G 4.0	0.72	0.77	0.94	1.15	1.45	1.46	1.58	1.43	1.29	1.30	1.03	0.94	0.69	0.94	0.69
G 5.0	0.82	1.11	1.35	1.60	1.94	1.98	2.15	2.04	1.96	1.64	1.53	1.29	0.99	1.29	0.99
G 6.0	1.12	1.45	1.92	2.23	2.61	2.65	2.84	2.70	2.73	2.30	2.13	1.63	1.30	1.63	1.30
G 7.0	1.56	2.04	2.68	3.05	3.48	3.52	3.78	3.64	3.85	3.29	2.95	2.27	1.78	2.95	1.78
G 8.0	2.05	2.73	3.57	4.07	4.49	4.45	4.69	4.63	4.40	3.92	3.54	2.93	2.39	3.54	2.39
G 9.0	2.76	3.47	4.15	4.58	5.09	5.34	5.61	5.19	5.12	4.33	3.90	3.39	2.82	4.33	2.82
G 10.0	3.21	3.88	4.80	5.08	5.69	6.12	6.53	5.97	5.84	5.23	4.74	3.75	3.22	5.23	3.75
G 11.0	3.61	4.28	5.45	6.04	7.05	7.30	7.66	7.99	8.13	7.28	6.55	4.86	3.65	7.28	4.86
G 12.0	4.42	5.79	7.52	8.42	9.62	8.77	8.87	10.00	10.58	9.34	8.36	6.33	4.69	9.34	6.33
G 13.0	5.24	7.04	8.92	10.13	11.34	10.75	10.77	11.71	11.83	10.57	9.17	7.79	5.98	10.57	9.17
G 14.0	6.83	8.29	9.84	11.40	12.50	12.44	13.14	12.98	13.04	11.90	10.26	8.46	6.84	11.90	10.26
G 15.0	7.48	8.85	10.98	12.51	13.69	13.93	15.12	14.22	14.34	13.16	11.53	9.20	7.71	14.22	11.53
G 16.0	8.12	9.69	12.21	13.79	14.96	15.81	16.87	15.73	15.80	14.58	12.92	10.16	8.23	15.80	12.92
G 17.0	8.54	10.61	13.30	14.97	16.32	17.61	18.45	17.46	17.26	16.02	14.25	11.22	8.90	17.26	14.25
G 18.0	9.28	11.67	14.48	16.26	17.81	19.28	20.14	19.38	18.90	17.57	15.70	12.40	9.68	19.28	15.70
G 19.0	10.06	12.73	15.64	17.60	19.33	20.95	21.96	21.40	20.52	19.20	17.10	13.67	10.60	20.52	17.10
G 20.0	10.94	13.83	16.94	19.03	21.00	22.65	23.87	23.33	22.30	20.87	18.63	14.98	11.52	22.30	20.87
G 21.0	11.79	15.00	18.26	20.58	22.77	24.52	25.78	25.29	24.14	22.65	20.20	16.40	12.66	24.14	22.65
G 22.0	12.71	16.14	19.66	22.10	24.60	26.44	27.82	27.24	26.05	24.36	21.76	17.77	13.69	26.05	24.36
G 23.0	13.71	17.40	21.14	23.76	26.48	28.51	29.94	29.33	28.08	26.22	23.46	19.27	14.95	28.08	26.22
G 24.0	14.69	18.61	22.60	25.37	28.36	30.54	32.07	31.42	30.14	28.01	25.15	20.68	16.12	30.14	28.01
G 25.0	15.80	19.94	24.17	27.15	30.43	32.71	34.39	33.65	32.33	29.98	26.96	22.23	17.46	32.33	29.98
G 26.0	16.86	21.20	25.71	28.88	32.44	34.94	36.71	35.91	34.48	31.91	28.75	23.73	18.79	34.48	31.91
G 27.0	18.09	22.57	27.38	30.78	34.60	37.26	39.15	38.27	36.83	33.98	30.72	25.37	20.17	36.83	33.98
G 28.0	19.26	23.97	29.04	32.71	36.86	39.71	41.69	40.76	39.19	36.06	32.65	27.09	21.67	39.19	36.06
G 29.0	20.54	25.45	30.89	34.78	39.21	42.12	44.23	43.28	41.44	38.06	34.73	28.85	23.12	41.44	38.06
G 30.0	21.87	27.07	32.80	36.70	41.46	44.66	46.85	45.85	43.56	40.13	36.90	30.75	24.85	43.56	40.13
G 31.0	23.27	28.67	34.68	38.53	43.49	47.29	49.57	48.39	45.88	42.35	39.17	32.63	26.46	45.88	42.35
G 32.0	24.78	30.48	36.72	40.60	45.78	49.98	52.47	51.17	48.53	45.08	41.89	34.79	28.38	48.53	45.08
G 33.0	26.35	32.23	38.88	42.82	48.29	52.81	55.48	53.95	51.57	48.02	44.61	37.03	30.11	51.57	48.02
G 34.0	27.96	34.22	41.41	45.51	51.29	55.65	58.71	57.25	55.15	51.58	47.95	39.71	32.08	53.95	51.58
G 35.0	29.55	36.36	43.94	48.42	54.65	58.87	62.10	60.96	59.08	55.14	51.64	42.62	34.15	59.08	55.14
G 36.0	31.51	38.83	47.15	51.92	58.44	62.47	65.87	64.91	63.55	59.45	56.06	45.99	36.60	63.55	59.45
G 37.0	33.46	41.59	50.60	55.42	62.55	66.44	69.89	69.40	68.49	64.38	60.80	49.75	39.45	68.49	64.38
G 38.0	35.89	44.78	54.65	59.60	67.11	70.81	74.49	74.33	74.13	70.10	66.35	53.99	42.50	74.13	70.10
G 39.0	38.65	48.35	59.26	64.43	72.17	75.68	79.49	79.86	80.57	76.59	72.79	59.01	46.27	79.49	79.86
G 40.0	41.92	52.69	64.47	69.88	77.93	81.01	85.27	86.03	88.11	84.15	80.04	64.55	50.01	84.15	80.04
G 41.0	45.18	57.03	70.61	76.22	84.69	87.15	91.45	93.10	96.55	92.79	88.72	71.15	54.78	91.45	93.10
G 42.0	49.03	62.38	77.60	83.40	92.15	93.74	97.94	100.95	105.96	102.67	98.32	78.44	59.69	97.94	100.95
G 43.0	53.55	68.54	85.68	91.84	100.79	101.13	104.81	109.84	116.97	113.74	109.59	87.04	66.01	104.81	109.84
G 44.0	58.69	75.43	94.84	101.02	110.24	109.36	113.05	119.60	129.02	126.08	119.53	96.37	72.64	113.05	119.60
G 45.0	64.88	83.65	103.38	111.59	121.17	118.80	122.65	130.88	143.02	140.24	130.06	107.40	80.65	122.65	130.88
G 46.0	71.49	92.85	111.63	123.20	133.17	129.52	133.45	143.60	158.77	156.45	144.19	119.14	89.62	133.45	143.60
G 47.0	79.79	102.97	122.59	137.13	147.25	141.76	145.52	158.18	176.61	174.91	161.51	132.63	99.58	145.52	158.18
G 48.0	88.59	114.37	136.97	152.99	163.12	155.51	159.08	174.21	196.24	195.44	180.71	148.53	111.52	159.08	174.21
G 49.0	98.90	127.97	153.63	171.16	181.16	171.05	174.66	192.50	218.89	218.91	201.97	166.25	123.79	174.66	192.50
G 50.0	110.78	143.63	172.19	191.49	201.51	188.60	192.05	212.92	243.92	244.78	226.17	186.28	138.72	192.05	212.92
G 51.0	123.45	160.99	193.14	214.00	223.87	207.69	211.14	235.29	271.30	273.39	252.75	207.62	153.90	211.14	235.29
G 52.0	138.80	180.97	217.08	239.79	249.40	229.45	232.82	260.69	303.31	305.29	282.82	232.31	172.68	232.82	260.69
G 53.0	155.33	202.68	242.57	267.89	277.10	252.96	256.31	288.18	335.33	339.77	316.79	258.33	191.90	256.31	288.18
G 54.0	174.41	227.71	272.66	299.96	309.45	279.32	282.65	318.82	372.65	378.30	350.75	288.04	214.09	279.32	282.65
G 55.0	195.19	254.86	306.13	334.32	341.80	308.08	312.42	352.01	412.24	421.12	388.04	320.43	238.18	312.42	352.01
G 56.0	219.39	285.13	339.60	372.90	379.79	339.92	342.18	388.15	456.84	463.95	429.82	355.43	264.19	342.18	388.15
G 57.0	244.16	318.55	377.72	415.76	420.53	374.16	374.94	428.04	503.04	511.38	473.76	393.48	293.81	374.94	428.04
G 58.0	273.62	353.60	419.32	458.62	464.87	412.88	411.14	467.94	552.38	561.16	519.48	434.09	323.35	411.14	467.94
G 59.0	305.33	392.63	463.66	506.69	512.43	451.60	449.11	512.89	605.82	614.15	568.19	474.70	358.23	449.11	512.89
G 60.0	337.04	434.15	511.04	557.14	564.41	494.40	489.79	559.67	661.89	669.14	617.84	517.26	392.01	489.79	559.67
G 61.0	374.21	475.67	560.49	612.14	620.05	541.02	533.97	609.38	718.10	725.04	668.89	563.29	430.15	533.97	609.38
G 62.0	410.53	520.24	610.45	668.49	672.75	585.38	573.38	656.33	764.04	774.07	717.83	608.21	468.29	573.38	656.33
G 63.0	452.44	567.86	663.70	715.76	712.17	619.55	607.41	690.41	792.51	802.51	752.78	655.00	510.01	607.41	690.41
G 64.0	494.69	615.48	694.00	747.00	737.65	643.91	632.92	712.40	809.39	821.50	768.69	696.78	552.62	632.92	712.40
G 65.0	538.28	656.11	717.47	772.74	757.80	661.06	649.55	724.55	817.22	830.19	775.68	713.94	593.86	649.55	724.55
G 66.0	581.43	675.0.03													

LEDS C4⁺

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%				
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG Asimétrico					
Tabla de Intensidad Luminosa cd/klm				Tabla 2/4							
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.20	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 2.0	0.51	0.29	0.15	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 3.0	0.52	0.45	0.25	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.14
G 4.0	0.62	0.47	0.31	0.10	0.03	0.03	0.03	0.03	0.04	0.10	0.41
G 5.0	0.73	0.54	0.36	0.13	0.04	0.03	0.03	0.03	0.08	0.22	0.54
G 6.0	0.93	0.64	0.41	0.16	0.05	0.03	0.03	0.04	0.13	0.31	0.67
G 7.0	1.24	0.78	0.47	0.19	0.06	0.03	0.03	0.06	0.18	0.50	0.88
G 8.0	1.59	0.95	0.55	0.24	0.08	0.03	0.03	0.08	0.26	0.65	1.14
G 9.0	2.09	1.13	0.63	0.28	0.10	0.03	0.04	0.11	0.37	0.83	1.49
G 10.0	2.41	1.40	0.74	0.33	0.11	0.03	0.05	0.14	0.48	1.02	1.94
G 11.0	2.74	1.71	0.85	0.37	0.13	0.04	0.06	0.17	0.58	1.20	2.43
G 12.0	3.21	2.09	0.99	0.43	0.15	0.04	0.07	0.21	0.69	1.53	2.76
G 13.0	3.65	2.30	1.12	0.49	0.19	0.06	0.09	0.26	0.81	1.87	3.20
G 14.0	4.65	2.58	1.31	0.56	0.23	0.08	0.11	0.32	0.94	2.23	3.67
G 15.0	5.64	2.85	1.50	0.62	0.26	0.09	0.14	0.38	1.05	2.47	4.54
G 16.0	6.43	3.23	1.71	0.67	0.30	0.11	0.16	0.43	1.18	2.71	5.40
G 17.0	6.90	3.83	1.83	0.71	0.33	0.13	0.19	0.48	1.29	3.00	6.27
G 18.0	7.29	4.38	1.94	0.74	0.36	0.15	0.21	0.52	1.46	3.38	6.81
G 19.0	7.63	4.93	2.03	0.77	0.39	0.17	0.23	0.56	1.60	3.90	7.24
G 20.0	8.10	5.32	2.14	0.79	0.41	0.19	0.25	0.59	1.71	4.33	7.62
G 21.0	8.69	5.68	2.23	0.81	0.43	0.20	0.26	0.62	1.83	4.81	8.01
G 22.0	9.34	5.95	2.31	0.83	0.44	0.22	0.28	0.64	1.93	5.14	8.52
G 23.0	10.18	6.21	2.39	0.83	0.46	0.24	0.29	0.66	2.04	5.42	9.19
G 24.0	10.98	6.40	2.44	0.84	0.46	0.25	0.31	0.67	2.11	5.64	9.87
G 25.0	12.00	6.60	2.51	0.84	0.47	0.26	0.32	0.69	2.20	5.85	10.69
G 26.0	12.93	6.81	2.55	0.85	0.47	0.27	0.33	0.70	2.26	6.06	11.45
G 27.0	14.06	7.03	2.60	0.85	0.47	0.28	0.34	0.72	2.32	6.26	12.34
G 28.0	15.13	7.36	2.64	0.85	0.47	0.29	0.34	0.72	2.36	6.50	13.21
G 29.0	16.34	7.75	2.66	0.85	0.47	0.30	0.35	0.73	2.41	6.81	14.16
G 30.0	17.59	8.29	2.68	0.85	0.46	0.31	0.35	0.73	2.44	7.13	15.16
G 31.0	18.87	8.80	2.68	0.83	0.45	0.32	0.36	0.73	2.46	7.47	16.15
G 32.0	20.35	9.42	2.69	0.82	0.45	0.32	0.36	0.73	2.48	7.92	17.32
G 33.0	21.72	9.98	2.68	0.81	0.44	0.32	0.36	0.73	2.48	8.29	18.39
G 34.0	23.44	10.59	2.68	0.79	0.43	0.32	0.36	0.73	2.49	8.75	19.72
G 35.0	25.02	11.16	2.65	0.78	0.43	0.33	0.37	0.73	2.48	9.16	20.94
G 36.0	26.98	11.73	2.63	0.76	0.42	0.33	0.37	0.73	2.47	9.58	22.41
G 37.0	28.79	12.32	2.60	0.75	0.42	0.33	0.37	0.73	2.45	10.00	23.81
G 38.0	30.95	12.86	2.56	0.74	0.41	0.33	0.37	0.73	2.44	10.36	25.43
G 39.0	33.22	13.49	2.52	0.73	0.41	0.33	0.37	0.73	2.41	10.80	27.12
G 40.0	35.71	14.01	2.47	0.71	0.41	0.33	0.38	0.73	2.38	11.14	28.94
G 41.0	38.67	14.60	2.42	0.70	0.40	0.33	0.38	0.73	2.35	11.56	31.08
G 42.0	42.08	15.06	2.37	0.69	0.40	0.33	0.38	0.72	2.32	11.87	33.24
G 43.0	45.48	15.57	2.33	0.68	0.40	0.33	0.38	0.72	2.29	12.27	35.96
G 44.0	49.13	15.98	2.27	0.68	0.40	0.33	0.38	0.72	2.26	12.57	38.61
G 45.0	53.93	16.36	2.22	0.68	0.40	0.33	0.39	0.72	2.23	12.88	42.02
G 46.0	58.70	16.69	2.17	0.67	0.40	0.33	0.39	0.72	2.20	13.16	45.43
G 47.0	64.55	16.96	2.12	0.67	0.40	0.33	0.39	0.72	2.17	13.35	49.55
G 48.0	70.84	17.23	2.08	0.67	0.40	0.33	0.40	0.72	2.14	13.57	54.04
G 49.0	78.11	17.40	2.03	0.67	0.41	0.34	0.40	0.72	2.10	13.67	59.13
G 50.0	86.34	17.55	1.99	0.68	0.41	0.34	0.41	0.72	2.07	13.80	65.20
G 51.0	94.72	17.55	1.94	0.67	0.42	0.34	0.42	0.72	2.04	13.83	71.31
G 52.0	105.09	17.53	1.90	0.67	0.43	0.35	0.43	0.72	2.01	13.87	79.04
G 53.0	115.00	17.37	1.86	0.66	0.44	0.39	0.44	0.72	1.97	13.77	86.59
G 54.0	127.36	17.12	1.83	0.66	0.44	0.42	0.45	0.71	1.94	13.65	96.24
G 55.0	139.05	16.79	1.80	0.66	0.44	0.44	0.45	0.71	1.92	13.42	105.61
G 56.0	153.54	16.34	1.77	0.65	0.45	0.46	0.46	0.71	1.89	13.13	117.20
G 57.0	167.66	15.81	1.74	0.65	0.46	0.47	0.47	0.71	1.86	12.75	129.18
G 58.0	183.79	15.22	1.71	0.65	0.47	0.49	0.48	0.71	1.84	12.34	142.84
G 59.0	200.87	14.62	1.68	0.65	0.49	0.52	0.49	0.71	1.82	11.89	158.13
G 60.0	218.59	13.97	1.65	0.65	0.50	0.55	0.50	0.71	1.79	11.42	173.89
G 61.0	238.65	13.34	1.63	0.65	0.51	0.60	0.51	0.70	1.77	10.97	192.67
G 62.0	257.99	12.68	1.60	0.65	0.53	0.65	0.52	0.70	1.75	10.54	210.74
G 63.0	280.84	12.02	1.58	0.65	0.54	0.71	0.53	0.70	1.72	10.13	232.86
G 64.0	302.25	11.39	1.55	0.65	0.56	0.77	0.55	0.70	1.70	9.73	253.63
G 65.0	327.84	10.82	1.53	0.65	0.58	0.79	0.56	0.70	1.68	9.35	278.01
G 66.0	352.04	10.27	1.51	0.65	0.59	0.79	0.57	0.70	1.65	8.99	302.63
G 67.0	377.58	9.88	1.49	0.64	0.61	0.76	0.58	0.69	1.63	8.67	328.80
G 68.0	396.89	9.60	1.47	0.64	0.64	0.75	0.60	0.69	1.61	8.41	353.85
G 69.0	406.90	9.33	1.45	0.64	0.66	0.75	0.61	0.69	1.58	8.24	372.91
G 70.0	406.34	9.07	1.43	0.64	0.69	0.79	0.63	0.69	1.56	8.07	383.21
G 71.0	399.26	8.80	1.41	0.63	0.74	0.86	0.65	0.70	1.54	7.90	386.24
G 72.0	387.43	8.47	1.39	0.63	0.78	0.92	0.67	0.70	1.52	7.71	386.03

LEDS C4⁺

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 3/4

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	605.11	600.24	604.46	651.61	639.28	571.40	534.41	569.14	584.39	573.90	530.23	537.76	560.62
G 74.0	577.72	560.90	558.11	600.74	589.96	529.32	489.66	519.84	529.38	517.86	477.50	489.12	524.06
G 75.0	544.23	517.57	508.89	546.00	536.62	482.20	441.24	467.85	472.77	460.94	425.05	439.19	482.54
G 76.0	505.87	471.46	456.78	489.52	479.36	430.67	390.31	412.72	415.91	405.40	372.60	390.03	439.67
G 77.0	461.89	423.55	404.82	431.07	421.50	377.06	336.83	357.45	359.06	350.52	322.12	341.30	392.60
G 78.0	415.77	376.25	352.86	375.06	363.63	322.47	283.16	303.52	304.91	299.74	273.54	296.23	347.75
G 79.0	369.65	328.60	302.58	320.92	306.01	268.60	230.14	249.58	252.52	248.95	228.01	251.16	302.57
G 80.0	320.15	283.76	255.77	266.79	250.26	215.06	180.12	199.19	204.16	202.35	186.71	209.65	257.39
G 81.0	272.17	239.24	209.03	215.33	195.90	163.84	133.50	151.63	158.11	158.68	146.69	170.30	213.26
G 82.0	227.01	196.58	166.25	166.30	144.75	116.64	92.96	108.36	115.62	118.48	111.72	133.03	171.39
G 83.0	178.53	154.29	124.06	120.36	97.59	76.76	63.87	71.67	77.25	82.81	79.64	98.33	130.94
G 84.0	134.45	113.31	85.87	80.17	64.48	45.74	34.79	43.11	50.18	53.36	55.31	67.61	92.33
G 85.0	91.91	76.74	58.32	48.25	31.38	28.65	18.20	27.20	23.11	33.96	30.98	42.06	58.39
G 86.0	62.22	47.17	30.77	30.06	14.72	11.57	9.66	11.29	11.14	14.55	15.34	26.37	36.79
G 87.0	32.53	29.85	14.77	11.86	9.93	6.74	6.65	6.43	7.66	7.26	10.00	10.68	15.20
G 88.0	15.84	12.53	10.00	6.70	5.14	5.11	3.64	4.82	4.17	5.25	4.66	5.93	7.31
G 89.0	10.28	7.07	5.24	4.95	3.72	3.49	2.71	3.20	3.05	3.24	3.32	4.41	5.14
G 90.0	4.71	1.62	3.68	3.21	2.67	2.53	2.04	2.29	2.19	2.35	2.41	2.89	2.96

LEDS C4[®]

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 4/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	373.87	8.05	1.37	0.63	0.83	0.96	0.70	0.71	1.50	7.45	382.80
G 74.0	355.64	7.55	1.35	0.63	0.88	0.90	0.74	0.71	1.48	7.16	375.79
G 75.0	334.77	6.98	1.32	0.63	0.92	0.88	0.79	0.71	1.45	6.76	364.32
G 76.0	310.30	6.43	1.30	0.63	0.97	0.88	0.84	0.71	1.43	6.35	348.08
G 77.0	282.87	5.83	1.27	0.63	1.03	0.86	0.89	0.71	1.40	5.89	327.23
G 78.0	253.54	5.29	1.23	0.63	1.08	0.77	0.92	0.71	1.36	5.44	302.39
G 79.0	222.28	4.75	1.17	0.64	1.09	0.75	0.92	0.71	1.30	4.99	273.51
G 80.0	191.16	4.27	1.11	0.64	1.08	0.72	0.92	0.72	1.23	4.54	243.33
G 81.0	158.37	3.81	1.05	0.64	1.05	0.70	0.91	0.72	1.16	4.14	209.19
G 82.0	127.65	3.40	0.97	0.65	1.01	0.68	0.89	0.72	1.08	3.74	176.13
G 83.0	96.09	3.03	0.91	0.66	0.94	0.66	0.86	0.72	1.00	3.37	140.49
G 84.0	67.92	2.70	0.86	0.67	0.88	0.66	0.82	0.72	0.92	3.02	106.56
G 85.0	43.57	2.44	0.85	0.69	0.82	0.65	0.79	0.73	0.86	2.72	74.92
G 86.0	24.96	2.19	0.82	0.70	0.79	0.65	0.78	0.74	0.84	2.46	51.88
G 87.0	12.43	1.94	0.80	0.71	0.76	0.65	0.77	0.74	0.83	2.23	28.84
G 88.0	7.72	1.61	0.78	0.68	0.72	0.72	0.74	0.74	0.82	2.00	14.82
G 89.0	3.01	1.23	0.68	0.64	0.67	0.79	0.71	0.71	0.78	1.73	9.24
G 90.0	2.12	0.90	0.57	0.59	0.59	0.86	0.65	0.65	0.68	1.37	3.67

LEDS C4⁺

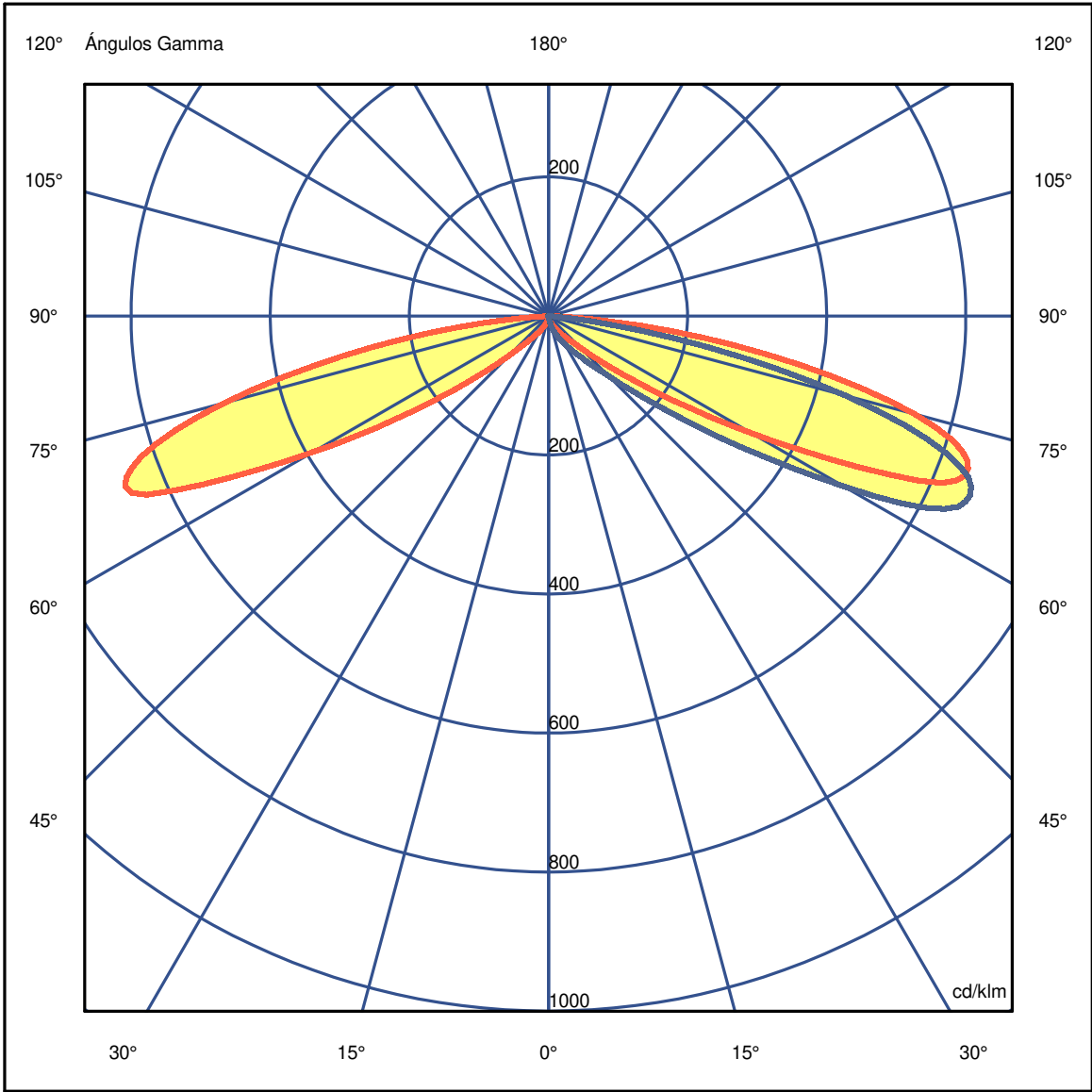
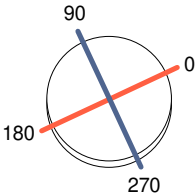
Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0

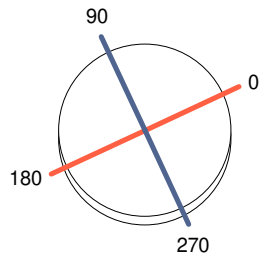


LEDS C4[®]

Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

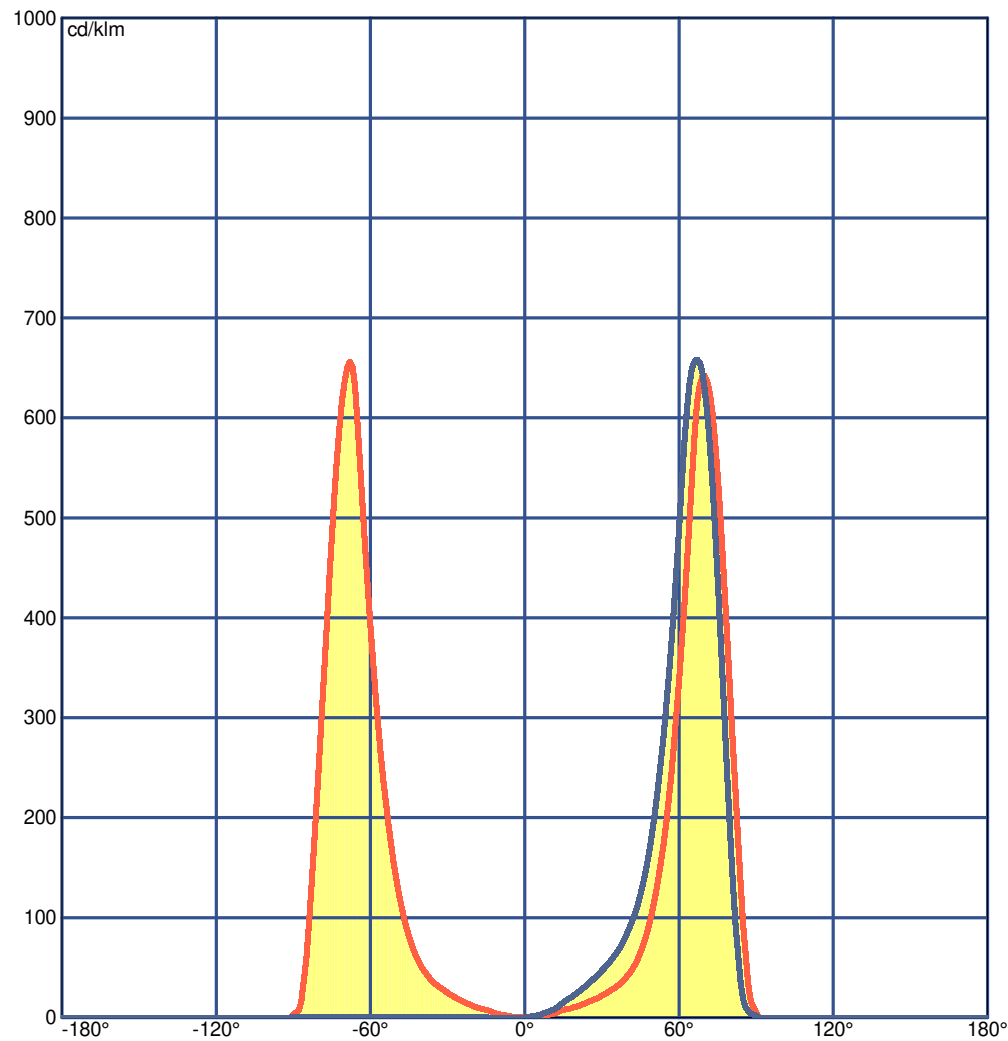
Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



LEDS C4⁺

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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										
	Vista Lateral					Vista Longitudinal				
x=2H y=2H	27.5	29.6	27.8	29.9	30.1	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	32.9	34.8	33.2	35.1	35.4	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	34.5	36.4	34.9	36.7	37.0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	35.4	37.2	35.8	37.5	37.9	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	35.6	37.3	36.0	37.7	38.0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	35.7	37.3	36.1	37.7	38.0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	29.7	31.5	30.0	31.8	32.2	2.5	4.4	2.9	4.7	5.0
x=4H y=3H	34.0	35.6	34.4	36.0	36.4	2.4	4.0	2.8	4.3	4.7
x=4H y=4H	35.5	37.0	36.0	37.4	37.8	2.4	3.8	2.8	4.2	4.6
x=4H y=6H	36.5	37.8	36.9	38.2	38.6	2.5	3.8	2.9	4.2	4.6
x=4H y=8H	36.7	37.9	37.2	38.3	38.8	2.6	3.8	3.0	4.2	4.6
x=4H y=12H	36.8	37.9	37.3	38.4	38.8	2.7	3.8	3.2	4.2	4.7
x=8H y=4H	35.9	37.1	36.3	37.5	37.9	13.1	14.3	13.6	14.8	15.2
x=8H y=6H	36.9	37.8	37.3	38.3	38.8	13.1	14.1	13.6	14.5	15.0
x=8H y=8H	37.2	38.0	37.6	38.5	38.9	13.1	14.0	13.6	14.4	14.9
x=8H y=12H	37.3	38.0	37.8	38.5	39.0	13.2	13.9	13.7	14.3	14.8
x=12H y=4H	35.9	37.0	36.4	37.4	37.9	15.1	16.2	15.6	16.7	17.1
x=12H y=6H	36.9	37.8	37.4	38.2	38.7	15.1	16.0	15.6	16.4	16.9
x=12H y=8H	37.2	37.9	37.7	38.4	38.9	15.1	15.9	15.6	16.3	16.8

LEDS C4⁺

Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Flujo Total=325.00 Flujo Luminaria=325.00

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	0.05	0.07	0.11	0.17	0.24	0.36	0.45	0.53	0.65	0.72	0.89	0.98
RC	-	-	-	-	-	-	10	10	9	8	7	2

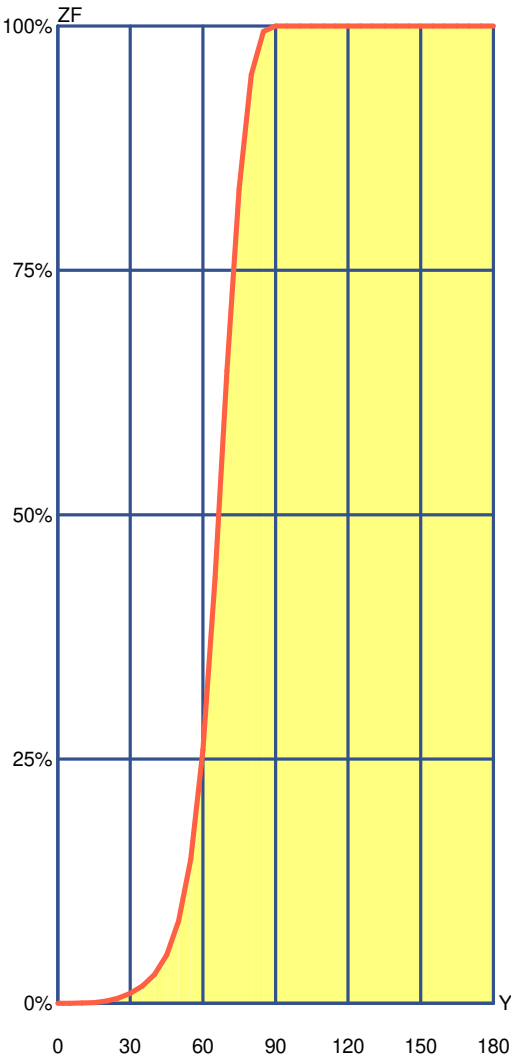
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	2	10	30	84	259	647	950	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
4 26 85 100 100

C.I.E. -/-/-/-/-/10/10/9/8/7/2
D DIN 5040 A10
F UTE --
B NBN BZ 10 / 2.5 / BZ 9 / 4 / BZ 8
RN 0.00000 %
BLF 1.0

LOR 100.00000 %
ULOR 0.00000 %
DLOR 100.00000 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.01	0.01	0.00 %	0.00 %
10°	0.15	0.16	0.01 %	0.02 %
15°	0.63	0.79	0.06 %	0.08 %
20°	1.53	2.32	0.15 %	0.23 %
25°	2.89	5.21	0.29 %	0.52 %
30°	4.84	10.06	0.48 %	1.01 %
35°	7.56	17.62	0.76 %	1.76 %
40°	11.90	29.51	1.19 %	2.95 %
45°	19.84	49.35	1.98 %	4.93 %
50°	34.84	84.19	3.48 %	8.42 %
55°	63.26	147.45	6.33 %	14.75 %
60°	111.47	258.92	11.15 %	25.89 %
65°	176.66	435.58	17.67 %	43.56 %
70°	211.69	647.27	21.17 %	64.73 %
75°	185.91	833.18	18.59 %	83.32 %
80°	117.02	950.20	11.70 %	95.02 %
85°	44.31	994.51	4.43 %	99.45 %
90°	5.49	1000.00	0.55 %	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 %

LEDS C4⁺

Luminaria

Código 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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	252	226	221	199	215	190	122	104	110	94	56	42	17	11	88	45	40	13	11	38	11	10	0					
0.80	300	275	253	233	261	223	154	135	133	117	70	55	22	16	110	58	52	18	15	50	16	14	0					
1.00	331	308	268	250	293	240	179	160	148	133	79	65	26	20	124	67	62	22	19	59	20	17	0					
1.25	356	335	273	259	319	249	203	184	158	144	87	74	31	25	136	76	71	27	24	67	24	22	0					
1.50	370	352	271	259	335	249	221	203	162	150	93	81	36	30	142	82	77	32	28	73	29	26	0					
2.00	385	370	256	247	353	239	247	231	162	153	98	88	44	38	145	89	84	40	36	81	37	34	0					
2.50	390	377	238	232	360	225	266	251	158	151	101	92	51	45	143	92	88	47	44	85	44	41	0					
3.00	392	381	222	217	364	211	279	267	153	147	102	95	57	51	140	94	91	53	50	88	50	47	0					
4.00	391	383	196	193	367	188	299	288	143	139	103	97	66	61	133	96	94	62	59	91	59	56	0					
5.00	390	384	178	176	367	172	311	302	136	133	103	98	73	68	128	97	95	69	66	92	66	63	0					
10.00	385	382	135	134	367	131	341	336	117	115	103	101	90	87	112	99	98	86	84	95	83	80	0					
20.00	384	382	113	112	367	111	359	356	107	106	103	102	99	98	104	100	99	97	95	97	94	91	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	584	570	544	533	563	528	443	435	426	419	357	352	307	305	415	352	350	306	305	349	305	305	286
0.80	707	692	653	642	681	633	554	544	529	520	453	447	397	395	515	447	445	395	394	443	394	393	372
1.00	802	787	734	723	773	714	645	634	610	602	532	525	472	470	594	525	522	470	469	519	469	467	443
1.25	893	879	808	799	862	788	735	724	689	681	611	604	550	546	671	603	600	547	545	596	545	543	516
1.50	958	945	858	850	925	838	804	792	745	737	670	662	608	605	726	660	657	605	603	653	602	600	571
2.00	1000	1000	914	908	1000	896	895	884	814	808	746	739	688	684	795	735	733	684	682	727	680	677	644
2.50	1000	1000	932	928	1000	916	945	934	845	840	784	778	732	728	827	773	771	726	724	764	722	718	682
3.00	1000	1000	936	932	1000	920	973	963	858	854	804	799	757	752	841	793	791	751	748	784	745	741	702
4.00	1000	1000	914	911	1000	901	991	982	853	849	809	805	770	766	836	798	796	763	761	788	757	751	709
5.00	1000	1000	879	877	1000	868	983	975	829	826	793	789	761	757	813	782	780	753	751	771	746	739	695
10.00	899	896	672	671	867	664	840	835	647	646	631	629	616	613	633	620	619	606	605	609	597	588	538
20.00	593	591	348	348	561	342	552	549	337	336	332	331	328	326	325	321	320	317	316	310	306	296	243

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	403	388	376	364	379	356	234	225	225	218	136	131	72	71	213	131	129	71	70	128	70	69	46
0.80	479	462	441	428	447	416	290	279	277	268	177	170	102	100	259	169	167	100	99	164	99	98	71
1.00	552	534	503	490	515	475	354	341	335	325	230	221	149	145	313	220	216	146	144	212	144	142	114
1.25	633	615	571	558	592	541	432	417	404	394	298	288	213	209	379	285	282	209	207	276	206	203	174
1.50	705	688	630	618	661	600	506	491	470	459	365	356	280	275	442	351	347	275	272	340	271	267	239
2.00	819	803	721	712	771	693	630	616	578	569	482	473	401	395	548	465	462	394	391	452	388	383	356
2.50	904	890	788	781	855	762	729	715	662	654	576	567	502	496	632	558	555	493	490	543	486	480	454
3.00	967	955	837	832	917	813	805	792	725	719	649	641	581	575	696	630	627	571	568	614	563	555	532
4.00	1000	1000	904	900	1000	882	915	903	815	810	754	747	698	692	786	734	731	686	683	717	675	666	646
5.00	1000	1000	946	943	1000	927	988	977	873	869	823	817	778	772	845	803	801	764	761	785	751	740	722
10.00	1000	1000	1000	1000	1000	1000	1000	1000	996	994	975	972	955	951	972	954	953	937	935	935	921	905	892
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	986	976

LM53 SHR C0-C180: 30.514 SHR C90-C270: 21.766 SHR Superficial: 2.850

LEDS C4[®]

Luminaria

Código 55-E026-14-CL

Nombre REK

Ensayo

Código 55-E026-14-CL

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

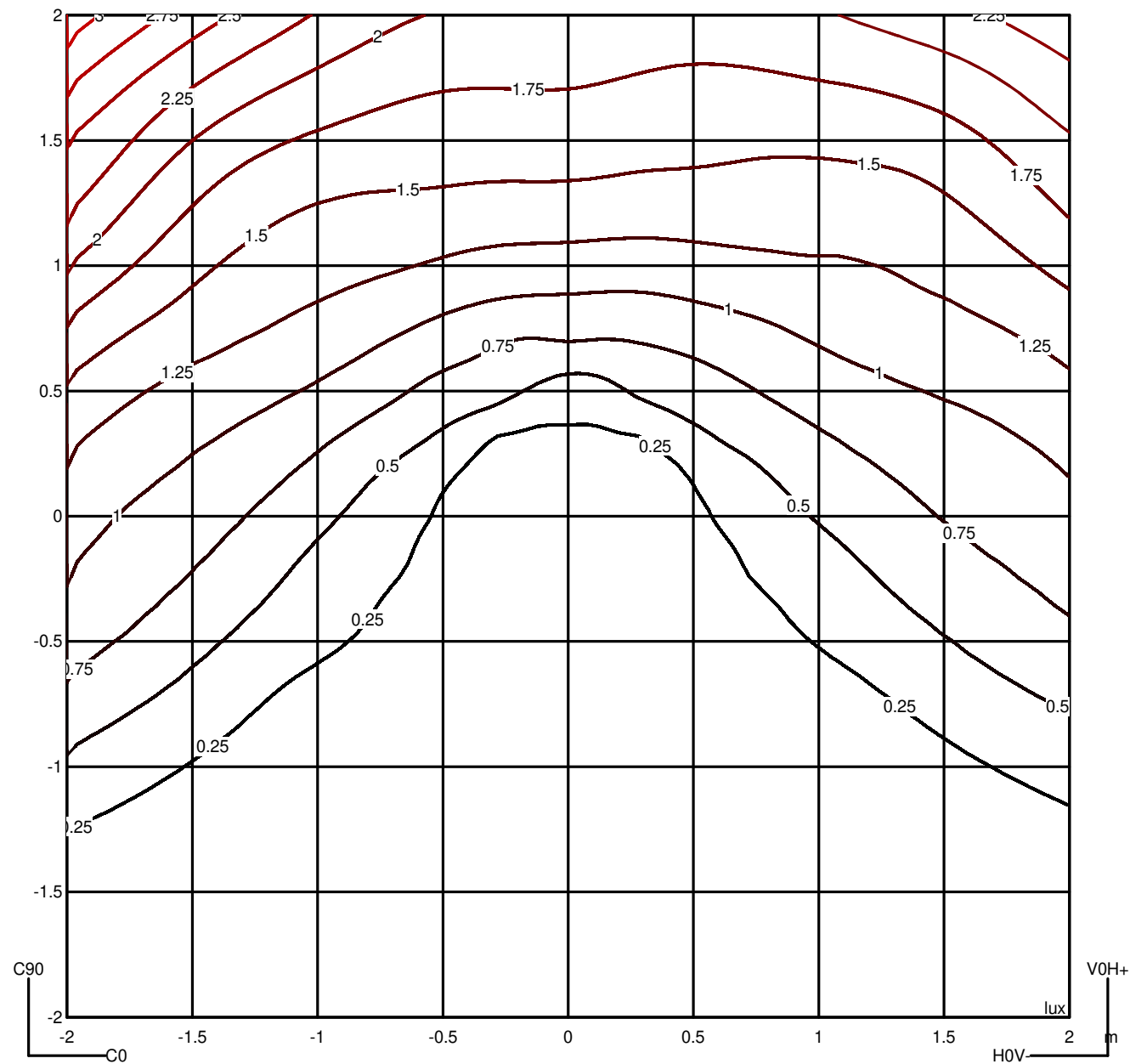
LEDS C4⁺

Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Isolux (Suelo)

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

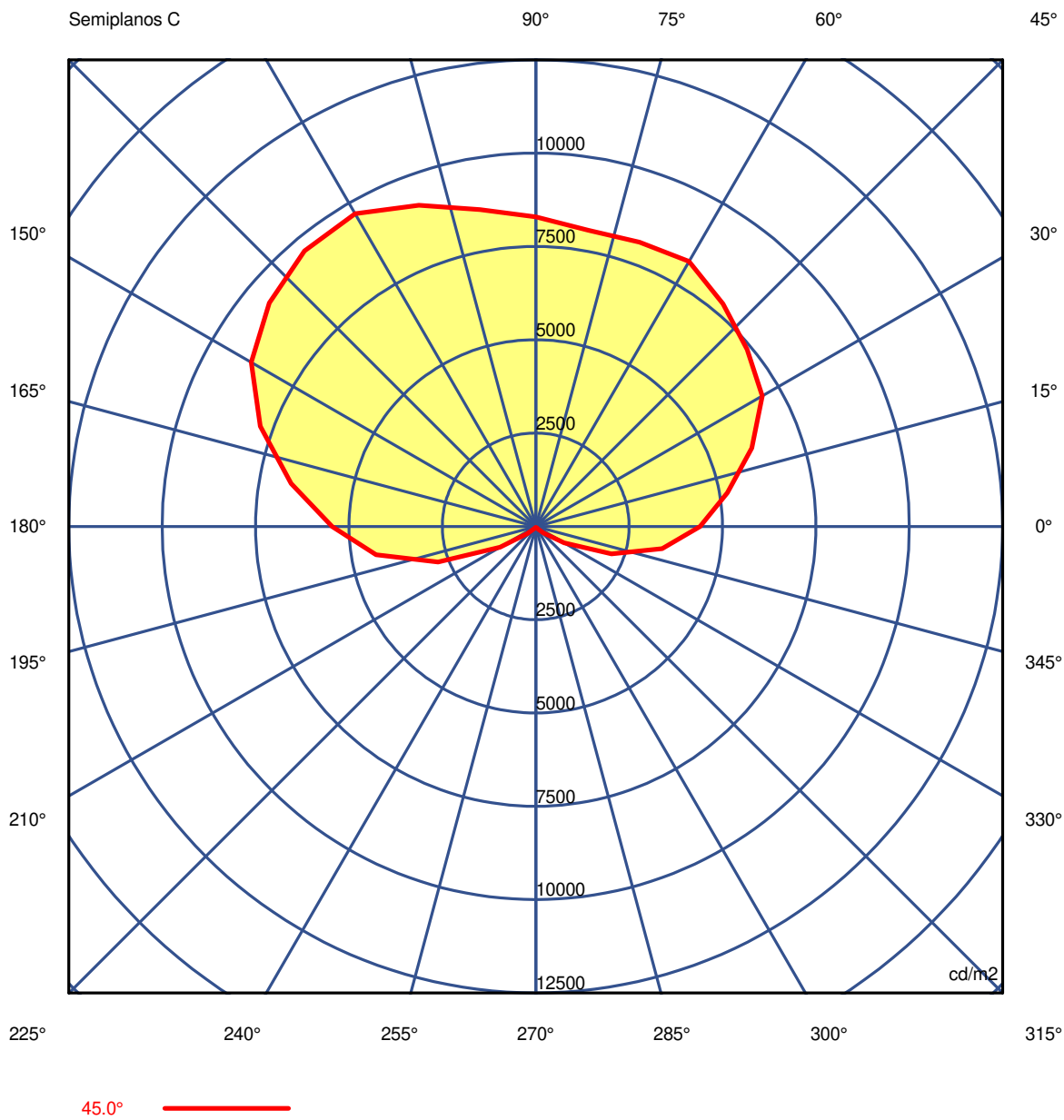


LEDS C4²

Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Luminancia



LEDS C4⁺

Luminaria

Código 55-E026-14-CL

Nombre REK

Ensayo

Código 55-E026-14-CL

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%						
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG Asimétrico							
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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	
G 5.0	39.23	48.94	57.62	64.96	72.17	83.10	93.30	94.41	97.66	103.27	100.36	97.09	93.94
G 10.0	155.75	175.56	204.70	233.21	242.61	255.21	276.21	290.01	306.97	317.48	299.55	286.59	283.69
G 15.0	370.32	411.14	472.38	543.95	596.65	643.74	678.24	681.83	711.51	748.95	720.25	702.73	710.19
G 20.0	557.17	652.80	759.32	862.74	936.69	1002.43	1069.18	1126.41	1180.35	1215.44	1203.71	1171.46	1135.45
G 25.0	833.97	977.18	1130.96	1275.96	1381.94	1490.88	1606.27	1690.23	1764.76	1815.40	1798.00	1756.02	1706.62
G 30.0	1208.02	1393.33	1605.62	1812.20	1955.92	2113.30	2290.47	2415.54	2519.16	2588.11	2565.19	2497.48	2406.56
G 35.0	1726.16	1980.89	2280.31	2566.17	2740.19	2943.13	3191.79	3364.18	3516.89	3627.09	3597.28	3530.36	3450.49
G 40.0	2617.89	3047.78	3558.52	4026.63	4253.24	4528.68	4867.43	5004.91	5148.60	5325.63	5355.97	5427.76	5502.98
G 45.0	4390.02	5206.92	6150.46	6994.67	7382.12	7792.78	8198.32	8110.14	8060.42	8298.75	8620.08	9162.58	9676.66
G 50.0	8245.79	9889.99	11461.50	12816.10	13822.36	14657.75	14998.73	14366.22	13931.50	14294.67	15174.38	16684.66	18155.30
G 55.0	16281.86	19622.58	22841.90	25535.49	27254.28	28435.58	28511.09	26595.52	25355.66	26059.84	27930.98	31134.91	34386.22
G 60.0	32250.41	38569.04	44296.89	48900.69	52098.20	54293.40	54007.65	49518.88	46161.27	46866.57	50604.05	57115.20	63334.50
G 65.0	60937.41	70482.21	77054.25	81223.78	85759.31	88242.91	85789.13	78276.35	72935.06	73534.15	78488.97	85901.87	92516.13
G 70.0	89789.36	93468.43	96045.65	98962.03	104376.70	107393.86	104355.13	96088.17	89099.88	87876.71	92362.00	98055.12	101677.05
G 75.0	100602.79	97259.27	94285.65	94071.26	98753.99	101701.52	99196.04	92895.60	85515.69	81566.25	84498.62	87463.93	87393.24
G 80.0	88208.66	81627.14	74700.24	70469.54	72465.27	73081.90	68953.30	62975.25	55081.05	49626.90	52614.28	56014.05	56251.56
G 85.0	50456.54	45248.03	38527.63	32015.67	28582.41	23266.09	17225.81	16365.89	13617.05	9990.02	13417.13	14459.38	12687.29
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 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria		13.7 W		Eficacia		23.723 lm/W		Eficiencia		100.00%	
Flujo Fuente	325 lm	Valor Máximo		830.19 cd/klm		Posición		C=135.00 G=65.00		CG		Asimétrico	
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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
G 5.0	83.42	76.02	73.37	66.42	57.10	47.78	38.78	31.45	25.93	20.61	13.50	6.16	2.55
G 10.0	264.67	246.64	230.06	197.64	171.61	156.23	132.38	100.25	68.16	44.78	28.11	15.87	7.93
G 15.0	676.99	627.36	570.88	492.25	427.52	381.70	320.60	231.68	140.97	90.68	58.24	30.61	16.75
G 20.0	1089.84	1031.93	948.50	827.00	702.30	586.71	467.01	364.52	270.67	157.71	74.67	40.12	25.75
G 25.0	1628.02	1536.42	1423.04	1261.09	1089.95	921.58	732.53	534.98	348.26	191.41	90.06	44.48	28.73
G 30.0	2278.80	2164.97	2038.52	1819.56	1587.06	1372.95	1123.69	799.26	457.95	222.56	97.47	46.80	29.36
G 35.0	3295.04	3166.37	3016.39	2682.55	2311.12	1994.69	1671.05	1200.56	651.64	268.19	89.61	45.41	29.93
G 40.0	5346.53	5201.88	4998.72	4394.88	3697.33	3123.18	2580.53	1789.04	874.99	302.11	78.32	44.57	31.71
G 45.0	9637.53	9319.84	8800.25	7852.81	6652.35	5457.07	4342.95	2786.22	1106.92	298.08	79.49	45.85	32.94
G 50.0	18423.51	17906.28	16834.25	14985.60	12688.96	10325.20	7928.63	4605.76	1306.33	204.11	118.16	50.25	37.33
G 55.0	35378.80	34544.34	32368.04	28833.70	24507.89	19867.58	14782.40	7841.51	1400.19	566.63	118.13	54.68	42.95
G 60.0	64715.97	62890.53	59119.42	53067.00	45753.47	37510.23	27348.43	13514.39	1336.73	550.88	126.00	62.10	52.84
G 65.0	94654.02	92361.88	87814.07	83394.55	77570.69	67230.09	49252.80	23337.21	1225.47	524.28	140.28	73.46	67.97
G 70.0	102251.06	98965.73	94137.28	92785.92	91124.30	89152.40	72416.95	36539.62	1268.71	556.40	163.25	89.27	94.11
G 75.0	86518.03	82988.95	78571.95	78774.36	84897.99	89199.93	77169.77	40296.19	1289.62	593.11	202.34	117.31	152.60
G 80.0	56392.08	54216.41	51442.92	53993.70	62909.27	70916.61	64522.10	34698.77	1177.77	596.82	262.68	175.35	257.32
G 85.0	16804.30	18634.76	17008.73	19959.14	26737.83	32053.00	29301.65	15997.05	1338.38	755.63	435.45	377.84	424.67
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 55-E026-14-CL
Nombre REK

Ensayo

Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

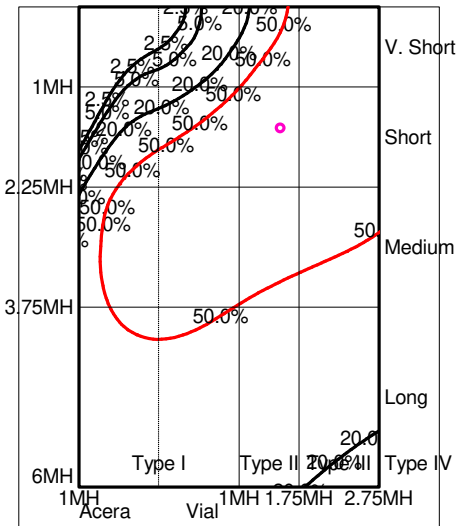
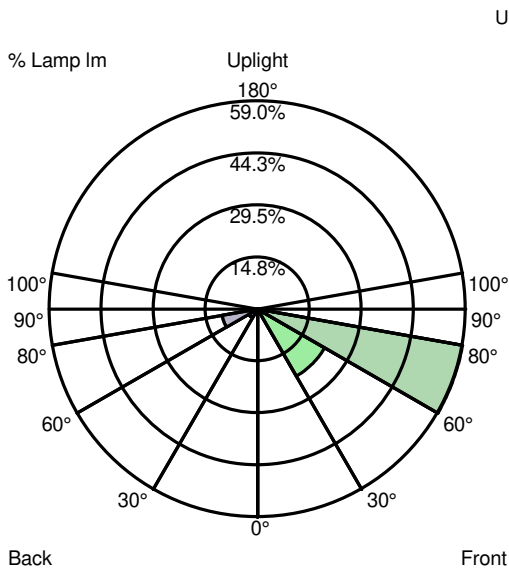
Luminance cd/m2 Tabla 3/3

	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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
G 5.0	1.69	1.39	1.37	1.27	1.38	2.53	5.13	10.73	20.73	30.88
G 10.0	3.47	1.65	1.76	2.81	6.63	16.59	30.54	49.35	77.15	113.74
G 15.0	9.45	4.67	4.98	9.33	18.59	37.17	71.60	122.30	185.85	269.63
G 20.0	16.34	9.47	10.00	16.30	30.11	60.41	124.18	220.57	330.90	444.41
G 25.0	20.59	13.74	14.38	20.36	36.29	77.99	168.79	309.01	475.87	653.60
G 30.0	21.89	17.01	17.60	22.69	40.35	90.21	197.58	393.92	686.67	971.95
G 35.0	21.75	19.09	19.41	25.44	42.68	89.94	232.91	534.99	994.68	1414.88
G 40.0	22.04	20.81	21.14	28.89	45.57	87.26	259.36	695.63	1434.05	2119.68
G 45.0	23.55	22.20	23.24	31.55	48.84	91.25	264.12	871.49	2155.24	3429.96
G 50.0	29.36	25.19	28.51	32.17	53.79	120.11	208.61	1027.36	3450.85	6100.28
G 55.0	37.02	36.87	41.74	44.97	59.16	126.32	479.75	1119.46	5882.16	11494.46
G 60.0	49.78	52.92	49.61	54.46	67.48	136.79	478.40	1092.30	10608.44	22219.50
G 65.0	73.36	89.62	72.09	68.55	79.02	152.88	479.43	1058.68	19692.27	42169.47
G 70.0	101.16	110.42	95.21	90.58	96.55	178.05	522.23	1129.10	34378.78	68649.47
G 75.0	167.86	163.08	151.65	141.15	131.59	222.99	595.86	1250.20	44077.98	83416.70
G 80.0	265.18	198.93	235.32	234.74	197.19	291.03	642.55	1251.76	44808.08	80247.69
G 85.0	446.23	359.06	407.42	420.48	398.22	446.87	811.49	1492.07	28035.42	44238.59
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

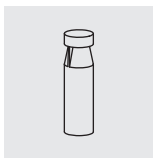
LEDS C4⁺

Luminaria
Código 55-E026-14-CL
Nombre REK
Ensayo
Código 55-E026-14-CL
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

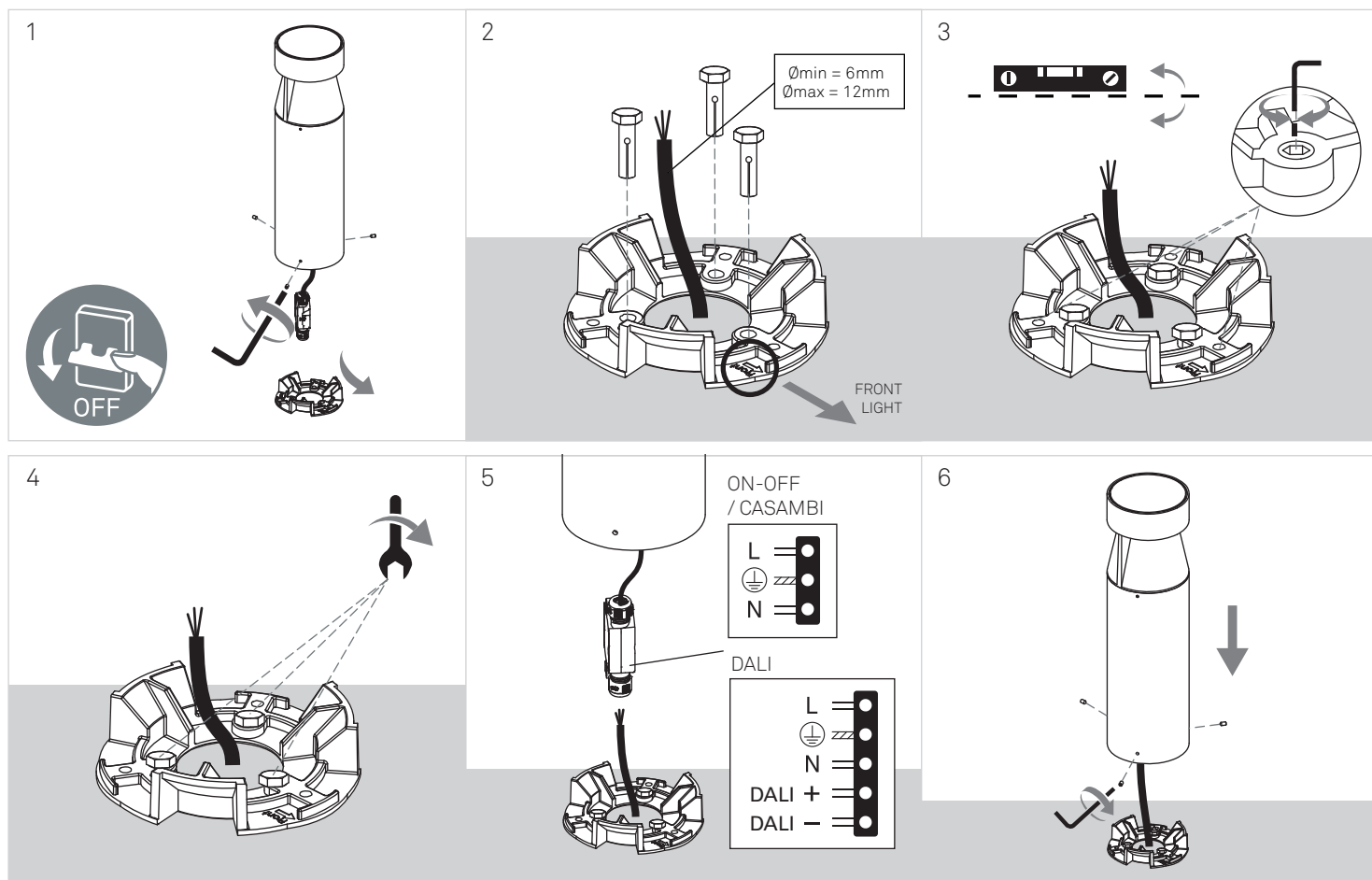
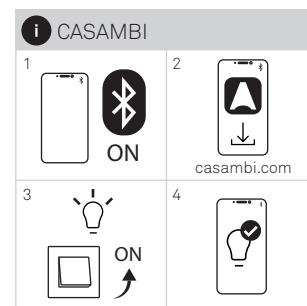
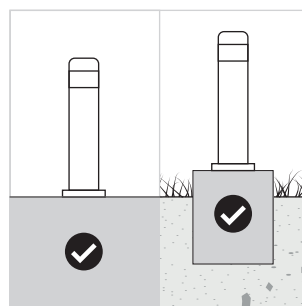
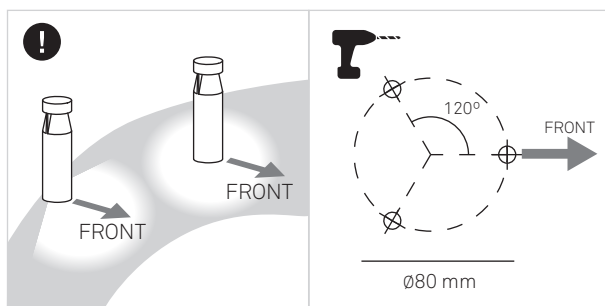
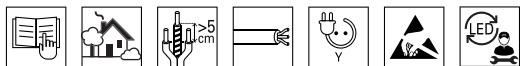


Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	2.8 lm	0.9 %
FM	30° -- 60°	71.4 lm	22.0 %
FH	60° -- 80°	191.8 lm	59.0 %
FVH	80° -- 90°	12.1 lm	3.7 %
BL	0° -- 30°	0.5 lm	0.1 %
BM	30° -- 60°	9.3 lm	2.9 %
BH	60° -- 80°	33.0 lm	10.2 %
BVH	80° -- 90°	4.1 lm	1.3 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		325.0 lm	100.0 %
BUG B0 U0 G1 Type IV Short Asymmetrical			

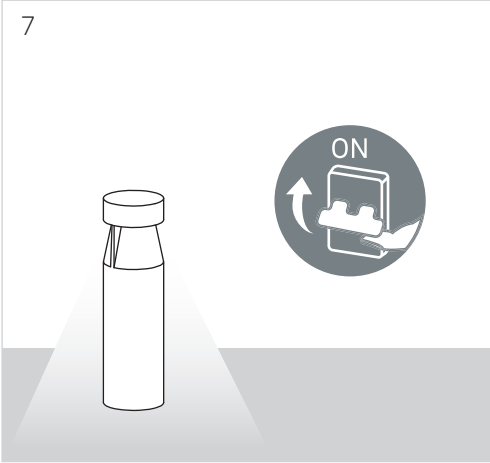


REK

LEDS C4



7





REK

55-E026-14-CL

Baliza de uso exterior

Material de la estructura: Aluminio. Acabado estructura: Blanco. Material del difusor: Policarbonato. Acabado difusor: Transparente. Protección contra los rayos ultravioleta. Garantía: 5 Años.

Peso neto del producto (Kg): 3.39

Anchura o diámetro del producto (mm): 150

Altura del producto (mm): 534

Clase 1. IP: IP66. IK: IK10. LED. Nº de portalámparas o Leds: 1. Marca del LED: NICHIA. Marca del Driver: TCI. Potencia máxima de la fuente de luz: 11.4W. Temperatura de color: 3000K. Índice de reproducción cromática: 80. Steps Mac Adam: 3. Horas de vida: 50.000h L80B20. UGR: 26.4. Riesgo fotobiológico: RG1. % de Flickering: <6%. Flujo real (lm): 325. Lm / W reales: 24. Rango de voltaje / frecuencia: 220-240V/50-60Hz. Voltaje: 11.9. Equipo incluido: Si, electrónico. Potencia total: 13.7. Factor de potencia: 0.95. Equipo regulable incluido: DALI-2.



REK

Francesc Vilaró

55-E026-14-CK

Baliza IP66 REK LED 11.4W 2700K Blanco 325lm



CARACTERÍSTICAS TÉCNICAS



Consumo total de la luminaria (W) : 13.7W

Lúmenes reales : 325

Lm / W reales : 24

Temperatura de color correlacionada (CCT) : Blanco
cálido - 2700K

Material de la estructura : Aluminio

Acabado estructura : Blanco

Material del difusor : Policarbonato

Acabado difusor : Transparente

Marca Driver : TCI

Voltaje / Frecuencia : 220-240V/50-60Hz

Protocolo de regulación : DALI-2

Power Factor : 0.95

Vida útil : 50.000h L80B20

Garantía : 5 Años

Resistencia ambientes marinos : Sí

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)
LED	1	11.4W

LOGÍSTICA

Peso neto (Kg): 3.39

Peso embalado (Kg): 4.09

Embalaje: 190mm x 190mm x 590mm



1 Un



71-E092-48-48

Pernos de fijación al suelo

Material de la estructura: Acero

Medidas: NA x NA x NA

Peso neto (Kg): 0.23

LEDS C4⁺

Luminaria

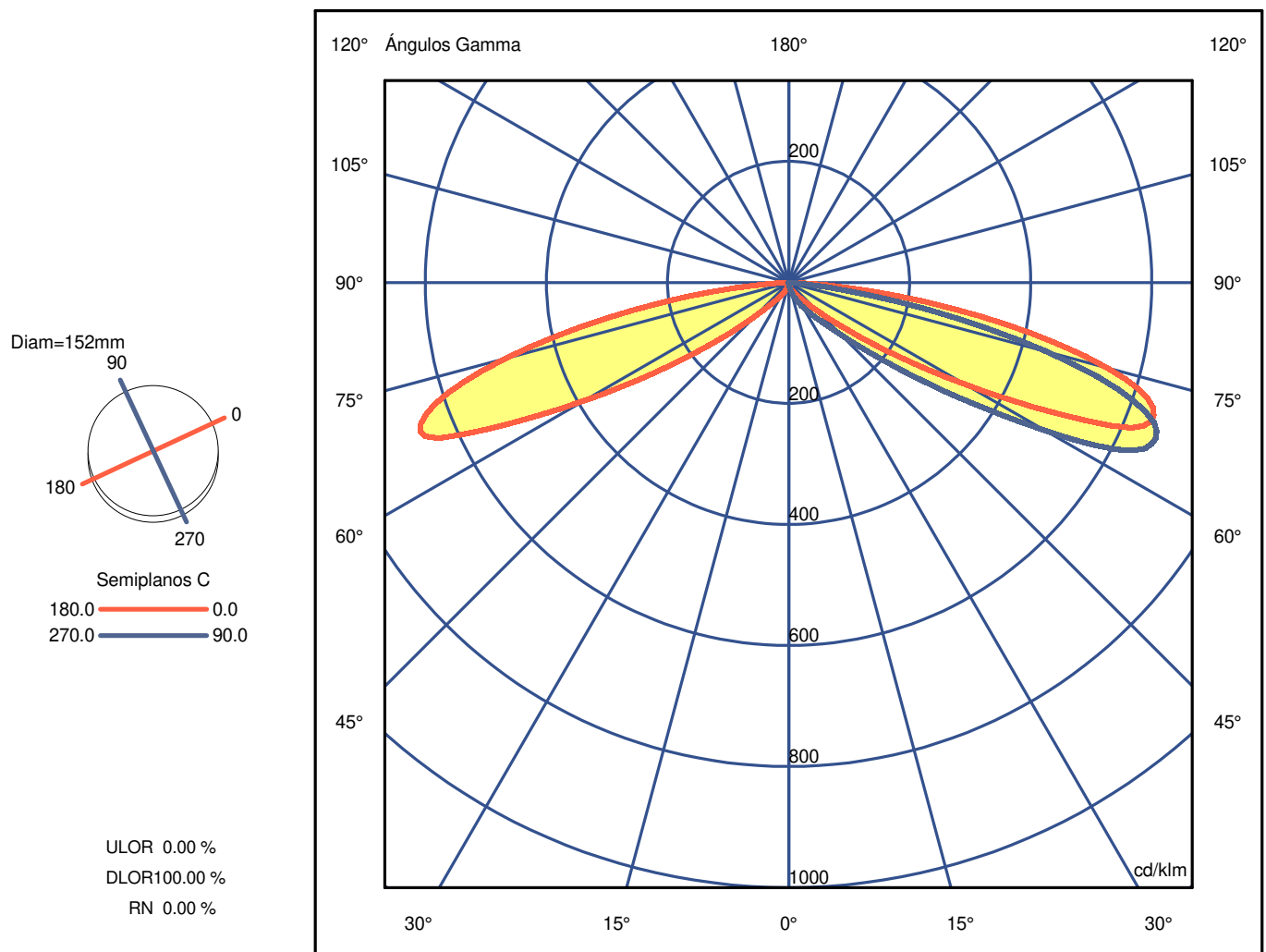
Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico
Luminaria Redonda		Diam.	152 mm	Altura	500 mm		
Área Luminosa Redonda		Diam.	93 mm	Altura	0 mm		
Área Luminosa Horizontal		0.006793 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°		0.001643 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		06-10-2021		Máximo Ángulo Gamma		90	
Distancia de Ensayo		0.00		Flujo de Ensayo		325 lm	
Operador		qualitat		Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
C.I.E.	4 26 85 100 100		325.00	13.70	1	
F UTE	--	D DIN 5040 B NBN	A10 BZ 10 / 2.5 / BZ 9 / 4 / BZ 8			



LEDS C4⁺

Luminaria

Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm		Potencia Luminaria		13.7 W		Eficacia		23.723 lm/W		Eficiencia		100.00%	
Flujo Fuente	325 lm		Valor Máximo		830.19 cd/klm		Posición		C=135.00 G=65.00		CG Asimétrico			
Tabla de Intensidad Luminosa cd/klm														Tabla 1/4
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00	
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.03	0.03	0.33	0.03	0.44	0.18	0.42	0.40	0.36	0.39	0.44	0.14	0.24	0.24
G 2.0	0.18	0.32	0.63	0.59	0.86	0.61	0.80	0.71	0.69	0.63	0.57	0.53	0.53	0.53
G 3.0	0.62	0.71	0.79	0.87	1.14	1.04	1.17	1.07	0.84	0.96	0.71	0.60	0.57	0.57
G 4.0	0.72	0.77	0.94	1.15	1.45	1.46	1.58	1.43	1.29	1.30	1.03	0.94	0.69	0.69
G 5.0	0.82	1.11	1.35	1.60	1.94	1.98	2.15	2.04	1.96	1.64	1.53	1.29	0.99	0.99
G 6.0	1.12	1.45	1.92	2.23	2.61	2.65	2.84	2.70	2.73	2.30	2.13	1.63	1.30	1.30
G 7.0	1.56	2.04	2.68	3.05	3.48	3.52	3.78	3.64	3.85	3.29	2.95	2.27	1.78	1.78
G 8.0	2.05	2.73	3.57	4.07	4.49	4.45	4.69	4.63	4.40	3.92	3.54	2.93	2.39	2.39
G 9.0	2.76	3.47	4.15	4.58	5.09	5.34	5.61	5.19	5.12	4.33	3.90	3.39	2.82	2.82
G 10.0	3.21	3.88	4.80	5.08	5.69	6.12	6.53	5.97	5.84	5.23	4.74	3.75	3.22	3.22
G 11.0	3.61	4.28	5.45	6.04	7.05	7.30	7.66	7.99	8.13	7.28	6.55	4.86	3.65	3.65
G 12.0	4.42	5.79	7.52	8.42	9.62	8.77	8.87	10.00	10.58	9.34	8.36	6.33	4.69	4.69
G 13.0	5.24	7.04	8.92	10.13	11.34	10.75	10.77	11.71	11.83	10.57	9.17	7.79	5.98	5.98
G 14.0	6.83	8.29	9.84	11.40	12.50	12.44	13.14	12.98	13.04	11.90	10.26	8.46	6.84	6.84
G 15.0	7.48	8.85	10.98	12.51	13.69	13.93	15.12	14.22	14.34	13.16	11.53	9.20	7.71	7.71
G 16.0	8.12	9.69	12.21	13.79	14.96	15.81	16.87	15.73	15.80	14.58	12.92	10.16	8.23	8.23
G 17.0	8.54	10.61	13.30	14.97	16.32	17.61	18.45	17.46	17.26	16.02	14.25	11.22	8.90	8.90
G 18.0	9.28	11.67	14.48	16.26	17.81	19.28	20.14	19.38	18.90	17.57	15.70	12.40	9.68	9.68
G 19.0	10.06	12.73	15.64	17.60	19.33	20.95	21.96	21.40	20.52	19.20	17.10	13.67	10.60	10.60
G 20.0	10.94	13.83	16.94	19.03	21.00	22.65	23.87	23.33	22.30	20.87	18.63	14.98	11.52	11.52
G 21.0	11.79	15.00	18.26	20.58	22.77	24.52	25.78	25.29	24.14	22.65	20.20	16.40	12.66	12.66
G 22.0	12.71	16.14	19.66	22.10	24.60	26.44	27.82	27.24	26.05	24.36	21.76	17.77	13.69	13.69
G 23.0	13.71	17.40	21.14	23.76	26.48	28.51	29.94	29.33	28.08	26.22	23.46	19.27	14.95	14.95
G 24.0	14.69	18.61	22.60	25.37	28.36	30.54	32.07	31.42	30.14	28.01	25.15	20.68	16.12	16.12
G 25.0	15.80	19.94	24.17	27.15	30.43	32.71	34.39	33.65	32.33	29.98	26.96	22.23	17.46	17.46
G 26.0	16.86	21.20	25.71	28.88	32.44	34.94	36.71	35.91	34.48	31.91	28.75	23.73	18.79	18.79
G 27.0	18.09	22.57	27.38	30.78	34.60	37.26	39.15	38.27	36.83	33.98	30.72	25.37	20.17	20.17
G 28.0	19.26	23.97	29.04	32.71	36.86	39.71	41.69	40.76	39.19	36.06	32.65	27.09	21.67	21.67
G 29.0	20.54	25.45	30.89	34.78	39.21	42.12	44.23	43.28	41.44	38.06	34.73	28.85	23.12	23.12
G 30.0	21.87	27.07	32.80	36.70	41.46	44.66	46.85	45.85	43.56	40.13	36.90	30.75	24.85	24.85
G 31.0	23.27	28.67	34.68	38.53	43.49	47.29	49.57	48.39	45.88	42.35	39.17	32.63	26.46	26.46
G 32.0	24.78	30.48	36.72	40.60	45.78	49.98	52.47	51.17	48.53	45.08	41.89	34.79	28.38	28.38
G 33.0	26.35	32.23	38.88	42.82	48.29	52.81	55.48	53.95	51.57	48.02	44.61	37.03	30.11	30.11
G 34.0	27.96	34.22	41.41	45.51	51.29	55.65	58.71	57.25	55.15	51.58	47.95	39.71	32.08	32.08
G 35.0	29.55	36.36	43.94	48.42	54.65	58.87	62.10	60.96	59.08	55.14	51.64	42.62	34.15	34.15
G 36.0	31.51	38.83	47.15	51.92	58.44	62.47	65.87	64.91	63.55	59.45	56.06	45.99	36.60	36.60
G 37.0	33.46	41.59	50.60	55.42	62.55	66.44	69.89	69.40	68.49	64.38	60.80	49.75	39.45	39.45
G 38.0	35.89	44.78	54.65	59.60	67.11	70.81	74.49	74.33	74.13	70.10	66.35	53.99	42.50	42.50
G 39.0	38.65	48.35	59.26	64.43	72.17	75.68	79.49	79.86	80.57	76.59	72.79	59.01	46.27	46.27
G 40.0	41.92	52.69	64.47	69.88	77.93	81.01	85.27	86.03	88.11	84.15	80.04	64.55	50.01	50.01
G 41.0	45.18	57.03	70.61	76.22	84.69	87.15	91.45	93.10	96.55	92.79	88.72	71.15	54.78	54.78
G 42.0	49.03	62.38	77.60	83.40	92.15	93.74	97.94	100.95	105.96	102.67	98.32	78.44	59.69	59.69
G 43.0	53.55	68.54	85.68	91.84	100.79	101.13	104.81	109.84	116.97	113.74	109.59	87.04	66.01	66.01
G 44.0	58.69	75.43	94.84	101.02	110.24	109.36	113.05	119.60	129.02	126.08	119.53	96.37	72.64	72.64
G 45.0	64.88	83.65	103.38	111.59	121.17	118.80	122.65	130.88	143.02	140.24	130.06	107.40	80.65	80.65
G 46.0	71.49	92.85	111.63	123.20	133.17	129.52	133.45	143.60	158.77	156.45	144.19	119.14	89.62	89.62
G 47.0	79.79	102.97	122.59	137.13	147.25	141.76	145.52	158.18	176.61	174.91	161.51	132.63	99.58	99.58
G 48.0	88.59	114.37	136.97	152.99	163.12	155.51	159.08	174.21	196.24	195.44	180.71	148.53	111.52	111.52
G 49.0	98.90	127.97	153.63	171.16	181.16	171.05	174.66	192.50	218.89	218.91	201.97	166.25	123.79	123.79
G 50.0	110.78	143.63	172.19	191.49	201.51	188.60	192.05	212.92	243.92	244.78	226.17	186.28	138.72	138.72
G 51.0	123.45	160.99	193.14	214.00	223.87	207.69	211.14	235.29	271.30	273.39	252.75	207.62	153.90	153.90
G 52.0	138.80	180.97	217.08	239.79	249.40	229.45	232.82	260.69	303.31	305.29	282.82	232.31	172.68	172.68
G 53.0	155.33	202.68	242.57	267.89	277.10	252.96	256.31	288.18	335.33	339.77	316.79	258.33	191.90	191.90
G 54.0	174.41	227.71	272.66	299.96	309.45	279.32	282.65	318.82	372.65	378.30	350.75	288.04	214.09	214.09
G 55.0	195.19	254.86	306.13	334.32	341.80	308.08	312.42	352.01	412.24	421.12	388.04	320.43	238.18	238.18
G 56.0	219.39	285.13	339.60	372.90	379.79	339.92	342.18	388.15	456.84	463.95	429.82	355.43	264.19	264.19
G 57.0	244.16	318.55	377.72	415.76	420.53	374.16	374.94	428.04	503.04	511.38	473.76	393.48	293.81	293.81
G 58.0	273.62	353.60	419.32	458.62	464.87	412.88	411.14	467.94	552.38	561.16	519.48	434.09	323.35	323.35
G 59.0	305.33	392.63	463.66	506.69	512.43	451.60	449.11	512.89	605.82	614.15	568.19	474.70	358.23	358.23
G 60.0	337.04	434.15	511.04	557.14	564.41	494.40	489.79	559.67	661.89	669.14	617.84	517.26	392.01	392.01
G 61.0	374.21	475.67	560.49	612.14	620.05	541.02	533.97	609.38	718.10	725.04	668.89	563.29	430.15	430.15
G 62.0	410.53	520.24	610.45	668.49	672.75	585.38	573.38	656.33	764.04	774.07	717.83	608.21	468.29	468.29
G 63.0	452.44	567.86	663.70	715.76	712.17	619.55	607.41	690.41	792.51	802.51	752.78	655.00	510.01	510.01
G 64.0	494.69	615.48	694.00	747.00	737.65	643.91	632.92	712.40	809.39	821.50	768.69	696.78	552.62	552.62
G 65.0	538.28	656.11	717.47	772.74	757.80	661.06	649.55	724.55	817.22	830.19	775.68	713.94	593.86	593.86
G 66.0	581.43	675.03	733.75	788.55	770.82	673.21	656.09	730.48	816.44	827.29	773.41	720.54	632.33	632.33
G 67.0	614.82	687.36	741.02	795.70	776.48	679.37	658.50	729.16	806.97	814.88	761.39	717.27	651.37	651.37
G 68.0	632.12	692.60	739.19	792.84	775.41	679.14	655.38	720.67	788.72	792.29	740.45	705.66	656.02	656.02
G 69.0	640.69	689.47	727.89	782.09	765.52	671.51	646.38	705.22	762.26	761.96	710.75	686.19	650.56	650.56
G 70.0	641.87	678.61	707.45											

LEDS C4⁺

Luminaria

Código 55-E026-14-CK

Nombre REK

Ensayo

Código 55-E026-14-CK

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria		13.7 W	Eficacia	23.723 lm/W		Eficiencia		100.00%	
Flujo Fuente	325 lm	Valor Máximo		830.19 cd/klm	Posición	C=135.00 G=65.00		CG Asimétrico			
Tabla de Intensidad Luminosa cd/klm											
Tabla 2/4											
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 1.0	0.20	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 2.0	0.51	0.29	0.15	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
G 3.0	0.52	0.45	0.25	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.14
G 4.0	0.62	0.47	0.31	0.10	0.03	0.03	0.03	0.03	0.04	0.10	0.41
G 5.0	0.73	0.54	0.36	0.13	0.04	0.03	0.03	0.03	0.08	0.22	0.54
G 6.0	0.93	0.64	0.41	0.16	0.05	0.03	0.03	0.04	0.13	0.31	0.67
G 7.0	1.24	0.78	0.47	0.19	0.06	0.03	0.03	0.06	0.18	0.50	0.88
G 8.0	1.59	0.95	0.55	0.24	0.08	0.03	0.03	0.08	0.26	0.65	1.14
G 9.0	2.09	1.13	0.63	0.28	0.10	0.03	0.04	0.11	0.37	0.83	1.49
G 10.0	2.41	1.40	0.74	0.33	0.11	0.03	0.05	0.14	0.48	1.02	1.94
G 11.0	2.74	1.71	0.85	0.37	0.13	0.04	0.06	0.17	0.58	1.20	2.43
G 12.0	3.21	2.09	0.99	0.43	0.15	0.04	0.07	0.21	0.69	1.53	2.76
G 13.0	3.65	2.30	1.12	0.49	0.19	0.06	0.09	0.26	0.81	1.87	3.20
G 14.0	4.65	2.58	1.31	0.56	0.23	0.08	0.11	0.32	0.94	2.23	3.67
G 15.0	5.64	2.85	1.50	0.62	0.26	0.09	0.14	0.38	1.05	2.47	4.54
G 16.0	6.43	3.23	1.71	0.67	0.30	0.11	0.16	0.43	1.18	2.71	5.40
G 17.0	6.90	3.83	1.83	0.71	0.33	0.13	0.19	0.48	1.29	3.00	6.27
G 18.0	7.29	4.38	1.94	0.74	0.36	0.15	0.21	0.52	1.46	3.38	6.81
G 19.0	7.63	4.93	2.03	0.77	0.39	0.17	0.23	0.56	1.60	3.90	7.24
G 20.0	8.10	5.32	2.14	0.79	0.41	0.19	0.25	0.59	1.71	4.33	7.62
G 21.0	8.69	5.68	2.23	0.81	0.43	0.20	0.26	0.62	1.83	4.81	8.01
G 22.0	9.34	5.95	2.31	0.83	0.44	0.22	0.28	0.64	1.93	5.14	8.52
G 23.0	10.18	6.21	2.39	0.83	0.46	0.24	0.29	0.66	2.04	5.42	9.19
G 24.0	10.98	6.40	2.44	0.84	0.46	0.25	0.31	0.67	2.11	5.64	9.87
G 25.0	12.00	6.60	2.51	0.84	0.47	0.26	0.32	0.69	2.20	5.85	10.69
G 26.0	12.93	6.81	2.55	0.85	0.47	0.27	0.33	0.70	2.26	6.06	11.45
G 27.0	14.06	7.03	2.60	0.85	0.47	0.28	0.34	0.72	2.32	6.26	12.34
G 28.0	15.13	7.36	2.64	0.85	0.47	0.29	0.34	0.72	2.36	6.50	13.21
G 29.0	16.34	7.75	2.66	0.85	0.47	0.30	0.35	0.73	2.41	6.81	14.16
G 30.0	17.59	8.29	2.68	0.85	0.46	0.31	0.35	0.73	2.44	7.13	15.16
G 31.0	18.87	8.80	2.68	0.83	0.45	0.32	0.36	0.73	2.46	7.47	16.15
G 32.0	20.35	9.42	2.69	0.82	0.45	0.32	0.36	0.73	2.48	7.92	17.32
G 33.0	21.72	9.98	2.68	0.81	0.44	0.32	0.36	0.73	2.48	8.29	18.39
G 34.0	23.44	10.59	2.68	0.79	0.43	0.32	0.36	0.73	2.49	8.75	19.72
G 35.0	25.02	11.16	2.65	0.78	0.43	0.33	0.37	0.73	2.48	9.16	20.94
G 36.0	26.98	11.73	2.63	0.76	0.42	0.33	0.37	0.73	2.47	9.58	22.41
G 37.0	28.79	12.32	2.60	0.75	0.42	0.33	0.37	0.73	2.45	10.00	23.81
G 38.0	30.95	12.86	2.56	0.74	0.41	0.33	0.37	0.73	2.44	10.36	25.43
G 39.0	33.22	13.49	2.52	0.73	0.41	0.33	0.37	0.73	2.41	10.80	27.12
G 40.0	35.71	14.01	2.47	0.71	0.41	0.33	0.38	0.73	2.38	11.14	28.94
G 41.0	38.67	14.60	2.42	0.70	0.40	0.33	0.38	0.73	2.35	11.56	31.08
G 42.0	42.08	15.06	2.37	0.69	0.40	0.33	0.38	0.72	2.32	11.87	33.24
G 43.0	45.48	15.57	2.33	0.68	0.40	0.33	0.38	0.72	2.29	12.27	35.96
G 44.0	49.13	15.98	2.27	0.68	0.40	0.33	0.38	0.72	2.26	12.57	38.61
G 45.0	53.93	16.36	2.22	0.68	0.40	0.33	0.39	0.72	2.23	12.88	42.02
G 46.0	58.70	16.69	2.17	0.67	0.40	0.33	0.39	0.72	2.20	13.16	45.43
G 47.0	64.55	16.96	2.12	0.67	0.40	0.33	0.39	0.72	2.17	13.35	49.55
G 48.0	70.84	17.23	2.08	0.67	0.40	0.33	0.40	0.72	2.14	13.57	54.04
G 49.0	78.11	17.40	2.03	0.67	0.41	0.34	0.40	0.72	2.10	13.67	59.13
G 50.0	86.34	17.55	1.99	0.68	0.41	0.34	0.41	0.72	2.07	13.80	65.20
G 51.0	94.72	17.55	1.94	0.67	0.42	0.34	0.42	0.72	2.04	13.83	71.31
G 52.0	105.09	17.53	1.90	0.67	0.43	0.35	0.43	0.72	2.01	13.87	79.04
G 53.0	115.00	17.37	1.86	0.66	0.44	0.39	0.44	0.72	1.97	13.77	86.59
G 54.0	127.36	17.12	1.83	0.66	0.44	0.42	0.45	0.71	1.94	13.65	96.24
G 55.0	139.05	16.79	1.80	0.66	0.44	0.44	0.45	0.71	1.92	13.42	105.61
G 56.0	153.54	16.34	1.77	0.65	0.45	0.46	0.46	0.71	1.89	13.13	117.20
G 57.0	167.66	15.81	1.74	0.65	0.46	0.47	0.47	0.71	1.86	12.75	129.18
G 58.0	183.79	15.22	1.71	0.65	0.47	0.49	0.48	0.71	1.84	12.34	142.84
G 59.0	200.87	14.62	1.68	0.65	0.49	0.52	0.49	0.71	1.82	11.89	158.13
G 60.0	218.59	13.97	1.65	0.65	0.50	0.55	0.50	0.71	1.79	11.42	173.89
G 61.0	238.65	13.34	1.63	0.65	0.51	0.60	0.51	0.70	1.77	10.97	192.67
G 62.0	257.99	12.68	1.60	0.65	0.53	0.65	0.52	0.70	1.75	10.54	210.74
G 63.0	280.84	12.02	1.58	0.65	0.54	0.71	0.53	0.70	1.72	10.13	232.86
G 64.0	302.25	11.39	1.55	0.65	0.56	0.77	0.55	0.70	1.70	9.73	253.63
G 65.0	327.84	10.82	1.53	0.65	0.58	0.79	0.56	0.70	1.68	9.35	278.01
G 66.0	352.04	10.27	1.51	0.65	0.59	0.79	0.57	0.70	1.65	8.99	302.63
G 67.0	377.58	9.88	1.49	0.64	0.61	0.76	0.58	0.69	1.63	8.67	328.80
G 68.0	396.89	9.60	1.47	0.64	0.64	0.75	0.60	0.69	1.61	8.41	353.85
G 69.0	406.90	9.33	1.45	0.64	0.66	0.75	0.61	0.69	1.58	8.24	372.91
G 70.0	406.34	9.07	1.43	0.64	0.69	0.79	0.63	0.69	1.56	8.07	383.21
G 71.0	399.26	8.80	1.41	0.63	0.74	0.86	0.65	0.70	1.54	7.90	386.24
G 72.0	387.43	8.47	1.39	0.63	0.78	0.92	0.67	0.70	1.52	7.71	386.03

LEDS C4⁺

Luminaria

Código 55-E026-14-CK

Nombre REK

Ensayo

Código 55-E026-14-CK

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%						
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico						
Tabla de Intensidad Luminosa cd/klm				Tabla 3/4									
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	605.11	600.24	604.46	651.61	639.28	571.40	534.41	569.14	584.39	573.90	530.23	537.76	560.62
G 74.0	577.72	560.90	558.11	600.74	589.96	529.32	489.66	519.84	529.38	517.86	477.50	489.12	524.06
G 75.0	544.23	517.57	508.89	546.00	536.62	482.20	441.24	467.85	472.77	460.94	425.05	439.19	482.54
G 76.0	505.87	471.46	456.78	489.52	479.36	430.67	390.31	412.72	415.91	405.40	372.60	390.03	439.67
G 77.0	461.89	423.55	404.82	431.07	421.50	377.06	336.83	357.45	359.06	350.52	322.12	341.30	392.60
G 78.0	415.77	376.25	352.86	375.06	363.63	322.47	283.16	303.52	304.91	299.74	273.54	296.23	347.75
G 79.0	369.65	328.60	302.58	320.92	306.01	268.60	230.14	249.58	252.52	248.95	228.01	251.16	302.57
G 80.0	320.15	283.76	255.77	266.79	250.26	215.06	180.12	199.19	204.16	202.35	186.71	209.65	257.39
G 81.0	272.17	239.24	209.03	215.33	195.90	163.84	133.50	151.63	158.11	158.68	146.69	170.30	213.26
G 82.0	227.01	196.58	166.25	166.30	144.75	116.64	92.96	108.36	115.62	118.48	111.72	133.03	171.39
G 83.0	178.53	154.29	124.06	120.36	97.59	76.76	63.87	71.67	77.25	82.81	79.64	98.33	130.94
G 84.0	134.45	113.31	85.87	80.17	64.48	45.74	34.79	43.11	50.18	53.36	55.31	67.61	92.33
G 85.0	91.91	76.74	58.32	48.25	31.38	28.65	18.20	27.20	23.11	33.96	30.98	42.06	58.39
G 86.0	62.22	47.17	30.77	30.06	14.72	11.57	9.66	11.29	11.14	14.55	15.34	26.37	36.79
G 87.0	32.53	29.85	14.77	11.86	9.93	6.74	6.65	6.43	7.66	7.26	10.00	10.68	15.20
G 88.0	15.84	12.53	10.00	6.70	5.14	5.11	3.64	4.82	4.17	5.25	4.66	5.93	7.31
G 89.0	10.28	7.07	5.24	4.95	3.72	3.49	2.71	3.20	3.05	3.24	3.32	4.41	5.14
G 90.0	4.71	1.62	3.68	3.21	2.67	2.53	2.04	2.29	2.19	2.35	2.41	2.89	2.96

LEDS C4⁺

Luminaria

Código 55-E026-14-CK

Nombre REK

Ensayo

Código 55-E026-14-CK

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Tabla de Intensidad Luminosa cd/klm Tabla 4/4

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	373.87	8.05	1.37	0.63	0.83	0.96	0.70	0.71	1.50	7.45	382.80
G 74.0	355.64	7.55	1.35	0.63	0.88	0.90	0.74	0.71	1.48	7.16	375.79
G 75.0	334.77	6.98	1.32	0.63	0.92	0.88	0.79	0.71	1.45	6.76	364.32
G 76.0	310.30	6.43	1.30	0.63	0.97	0.88	0.84	0.71	1.43	6.35	348.08
G 77.0	282.87	5.83	1.27	0.63	1.03	0.86	0.89	0.71	1.40	5.89	327.23
G 78.0	253.54	5.29	1.23	0.63	1.08	0.77	0.92	0.71	1.36	5.44	302.39
G 79.0	222.28	4.75	1.17	0.64	1.09	0.75	0.92	0.71	1.30	4.99	273.51
G 80.0	191.16	4.27	1.11	0.64	1.08	0.72	0.92	0.72	1.23	4.54	243.33
G 81.0	158.37	3.81	1.05	0.64	1.05	0.70	0.91	0.72	1.16	4.14	209.19
G 82.0	127.65	3.40	0.97	0.65	1.01	0.68	0.89	0.72	1.08	3.74	176.13
G 83.0	96.09	3.03	0.91	0.66	0.94	0.66	0.86	0.72	1.00	3.37	140.49
G 84.0	67.92	2.70	0.86	0.67	0.88	0.66	0.82	0.72	0.92	3.02	106.56
G 85.0	43.57	2.44	0.85	0.69	0.82	0.65	0.79	0.73	0.86	2.72	74.92
G 86.0	24.96	2.19	0.82	0.70	0.79	0.65	0.78	0.74	0.84	2.46	51.88
G 87.0	12.43	1.94	0.80	0.71	0.76	0.65	0.77	0.74	0.83	2.23	28.84
G 88.0	7.72	1.61	0.78	0.68	0.72	0.72	0.74	0.74	0.82	2.00	14.82
G 89.0	3.01	1.23	0.68	0.64	0.67	0.79	0.71	0.71	0.78	1.73	9.24
G 90.0	2.12	0.90	0.57	0.59	0.59	0.86	0.65	0.65	0.68	1.37	3.67

LEDS C4⁺

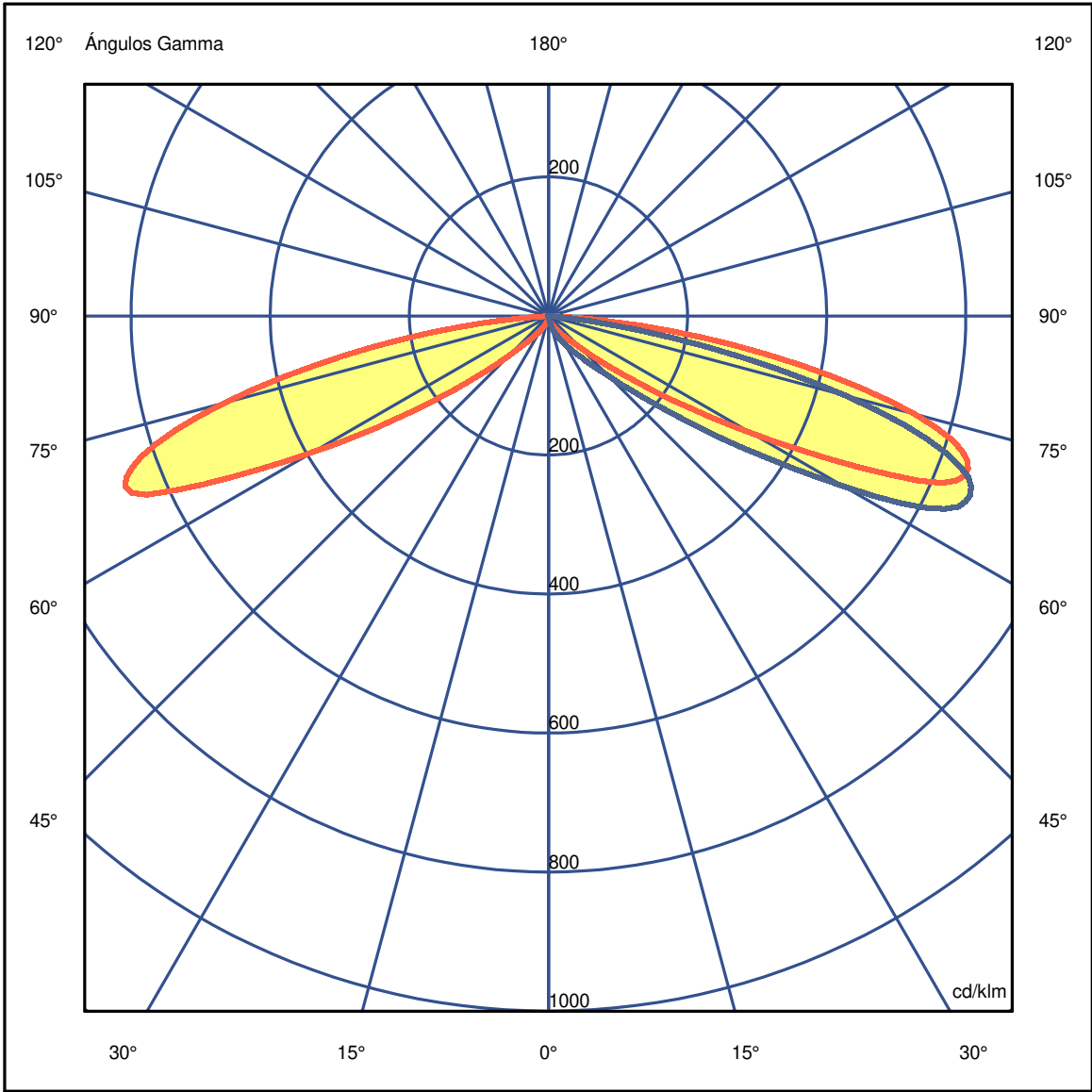
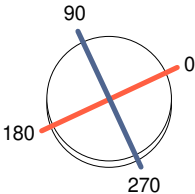
Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm

Semiplanos C

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270.0 ————— 90.0

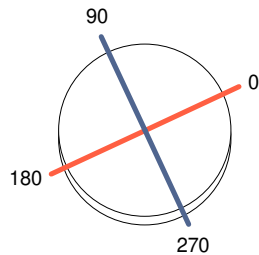


LEDS C4⁺

Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

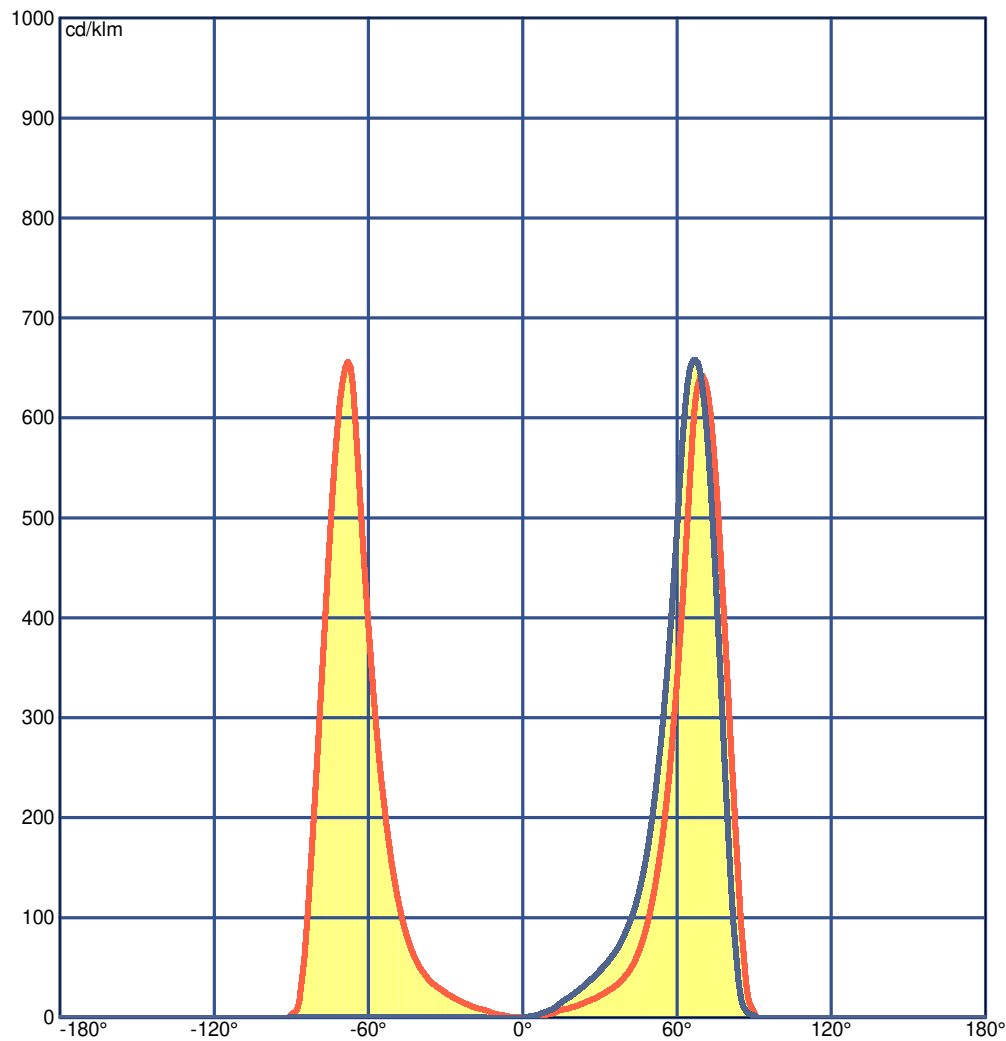
Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Diam=152mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



LEDS C4⁺

Luminaria

Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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										
	Vista Lateral					Vista Longitudinal				
x=2H y=2H	27.5	29.6	27.8	29.9	30.1	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	32.9	34.8	33.2	35.1	35.4	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	34.5	36.4	34.9	36.7	37.0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	35.4	37.2	35.8	37.5	37.9	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	35.6	37.3	36.0	37.7	38.0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	35.7	37.3	36.1	37.7	38.0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	29.7	31.5	30.0	31.8	32.2	2.5	4.4	2.9	4.7	5.0
x=4H y=3H	34.0	35.6	34.4	36.0	36.4	2.4	4.0	2.8	4.3	4.7
x=4H y=4H	35.5	37.0	36.0	37.4	37.8	2.4	3.8	2.8	4.2	4.6
x=4H y=6H	36.5	37.8	36.9	38.2	38.6	2.5	3.8	2.9	4.2	4.6
x=4H y=8H	36.7	37.9	37.2	38.3	38.8	2.6	3.8	3.0	4.2	4.6
x=4H y=12H	36.8	37.9	37.3	38.4	38.8	2.7	3.8	3.2	4.2	4.7
x=8H y=4H	35.9	37.1	36.3	37.5	37.9	13.1	14.3	13.6	14.8	15.2
x=8H y=6H	36.9	37.8	37.3	38.3	38.8	13.1	14.1	13.6	14.5	15.0
x=8H y=8H	37.2	38.0	37.6	38.5	38.9	13.1	14.0	13.6	14.4	14.9
x=8H y=12H	37.3	38.0	37.8	38.5	39.0	13.2	13.9	13.7	14.3	14.8
x=12H y=4H	35.9	37.0	36.4	37.4	37.9	15.1	16.2	15.6	16.7	17.1
x=12H y=6H	36.9	37.8	37.4	38.2	38.7	15.1	16.0	15.6	16.4	16.9
x=12H y=8H	37.2	37.9	37.7	38.4	38.9	15.1	15.9	15.6	16.3	16.8

LEDS C4⁺

Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Flujo Total=325.00 Flujo Luminaria=325.00

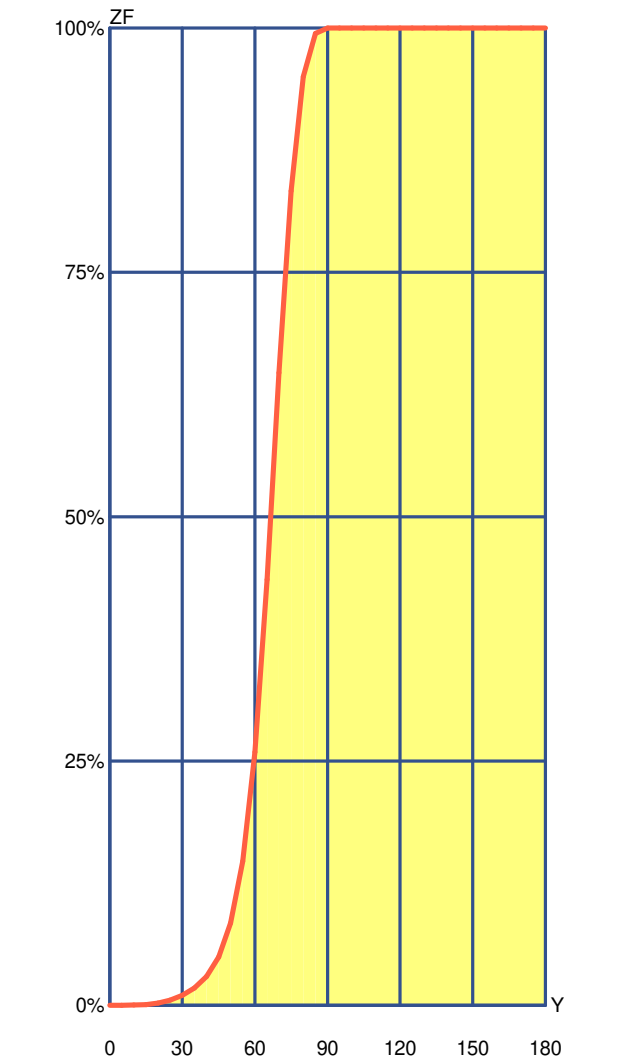
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.05	0.07	0.11	0.17	0.24	0.36	0.45	0.53	0.65	0.72	0.89	0.98
RC	-	-	-	-	-	-	10	10	9	8	7	2

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)	0	2	10	30	84	259	647	950	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
4 26 85 100 100

C.I.E.	-/-/-/-/-/10/10/9/8/7/2	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 10 / 2.5 / BZ 9 / 4 / BZ 8	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°	0.01	0.01	0.00 %	0.00 %
10°	0.15	0.16	0.01 %	0.02 %
15°	0.63	0.79	0.06 %	0.08 %
20°	1.53	2.32	0.15 %	0.23 %
25°	2.89	5.21	0.29 %	0.52 %
30°	4.84	10.06	0.48 %	1.01 %
35°	7.56	17.62	0.76 %	1.76 %
40°	11.90	29.51	1.19 %	2.95 %
45°	19.84	49.35	1.98 %	4.93 %
50°	34.84	84.19	3.48 %	8.42 %
55°	63.26	147.45	6.33 %	14.75 %
60°	111.47	258.92	11.15 %	25.89 %
65°	176.66	435.58	17.67 %	43.56 %
70°	211.69	647.27	21.17 %	64.73 %
75°	185.91	833.18	18.59 %	83.32 %
80°	117.02	950.20	11.70 %	95.02 %
85°	44.31	994.51	4.43 %	99.45 %
90°	5.49	1000.00	0.55 %	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 %

LEDS C4⁺

Luminaria

Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

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	252	226	221	199	215	190	122	104	110	94	56	42	17	11	88	45	40	13	11	38	11	10	0		
0.80	300	275	253	233	261	223	154	135	133	117	70	55	22	16	110	58	52	18	15	50	16	14	0		
1.00	331	308	268	250	293	240	179	160	148	133	79	65	26	20	124	67	62	22	19	59	20	17	0		
1.25	356	335	273	259	319	249	203	184	158	144	87	74	31	25	136	76	71	27	24	67	24	22	0		
1.50	370	352	271	259	335	249	221	203	162	150	93	81	36	30	142	82	77	32	28	73	29	26	0		
2.00	385	370	256	247	353	239	247	231	162	153	98	88	44	38	145	89	84	40	36	81	37	34	0		
2.50	390	377	238	232	360	225	266	251	158	151	101	92	51	45	143	92	88	47	44	85	44	41	0		
3.00	392	381	222	217	364	211	279	267	153	147	102	95	57	51	140	94	91	53	50	88	50	47	0		
4.00	391	383	196	193	367	188	299	288	143	139	103	97	66	61	133	96	94	62	59	91	59	56	0		
5.00	390	384	178	176	367	172	311	302	136	133	103	98	73	68	128	97	95	69	66	92	66	63	0		
10.00	385	382	135	134	367	131	341	336	117	115	103	101	90	87	112	99	98	86	84	95	83	80	0		
20.00	384	382	113	112	367	111	359	356	107	106	103	102	99	98	104	100	99	97	95	97	94	91	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	584	570	544	533	563	528	443	435	426	419	357	352	307	305	415	352	350	306	305	349	305	305	286
0.80	707	692	653	642	681	633	554	544	529	520	453	447	397	395	515	447	445	395	394	443	394	393	372
1.00	802	787	734	723	773	714	645	634	610	602	532	525	472	470	594	525	522	470	469	519	469	467	443
1.25	893	879	808	799	862	788	735	724	689	681	611	604	550	546	671	603	600	547	545	596	545	543	516
1.50	958	945	858	850	925	838	804	792	745	737	670	662	608	605	726	660	657	605	603	653	602	600	571
2.00	1000	1000	914	908	1000	896	895	884	814	808	746	739	688	684	795	735	733	684	682	727	680	677	644
2.50	1000	1000	932	928	1000	916	945	934	845	840	784	778	732	728	827	773	771	726	724	764	722	718	682
3.00	1000	1000	936	932	1000	920	973	963	858	854	804	799	757	752	841	793	791	751	748	784	745	741	702
4.00	1000	1000	914	911	1000	901	991	982	853	849	809	805	770	766	836	798	796	763	761	788	757	751	709
5.00	1000	1000	879	877	1000	868	983	975	829	826	793	789	761	757	813	782	780	753	751	771	746	739	695
10.00	899	896	672	671	867	664	840	835	647	646	631	629	616	613	633	620	619	606	605	609	597	588	538
20.00	593	591	348	348	561	342	552	549	337	336	332	331	328	326	325	321	320	317	316	310	306	296	243

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	403	388	376	364	379	356	234	225	225	218	136	131	72	71	213	131	129	71	70	128	70	69	46
0.80	479	462	441	428	447	416	290	279	277	268	177	170	102	100	259	169	167	100	99	164	99	98	71
1.00	552	534	503	490	515	475	354	341	335	325	230	221	149	145	313	220	216	146	144	212	144	142	114
1.25	633	615	571	558	592	541	432	417	404	394	298	288	213	209	379	285	282	209	207	276	206	203	174
1.50	705	688	630	618	661	600	506	491	470	459	365	356	280	275	442	351	347	275	272	340	271	267	239
2.00	819	803	721	712	771	693	630	616	578	569	482	473	401	395	548	465	462	394	391	452	388	383	356
2.50	904	890	788	781	855	762	729	715	662	654	576	567	502	496	632	558	555	493	490	543	486	480	454
3.00	967	955	837	832	917	813	805	792	725	719	649	641	581	575	696	630	627	571	568	614	563	555	532
4.00	1000	1000	904	900	1000	882	915	903	815	810	754	747	698	692	786	734	731	686	683	717	675	666	646
5.00	1000	1000	946	943	1000	927	988	977	873	869	823	817	778	772	845	803	801	764	761	785	751	740	722
10.00	1000	1000	1000	1000	1000	1000	1000	1000	996	994	975	972	955	951	972	954	953	937	935	935	921	905	892
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	986	976

LM53 SHR C0-C180: 30.514 SHR C90-C270: 21.766 SHR Superficial: 2.850

LEDS C4[®]

Luminaria

Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

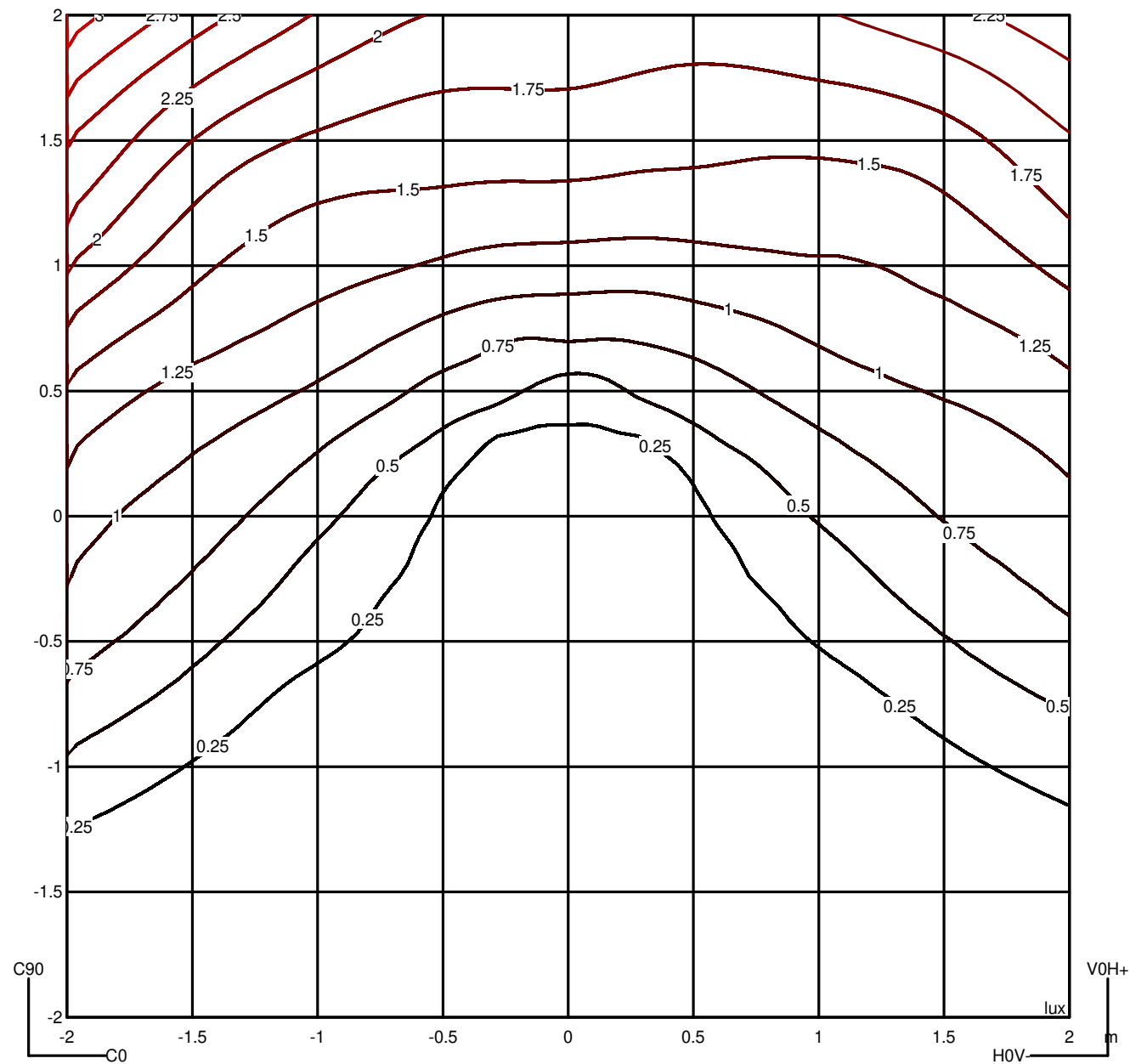
LEDS C4⁺

Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Isolux (Suelo)

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

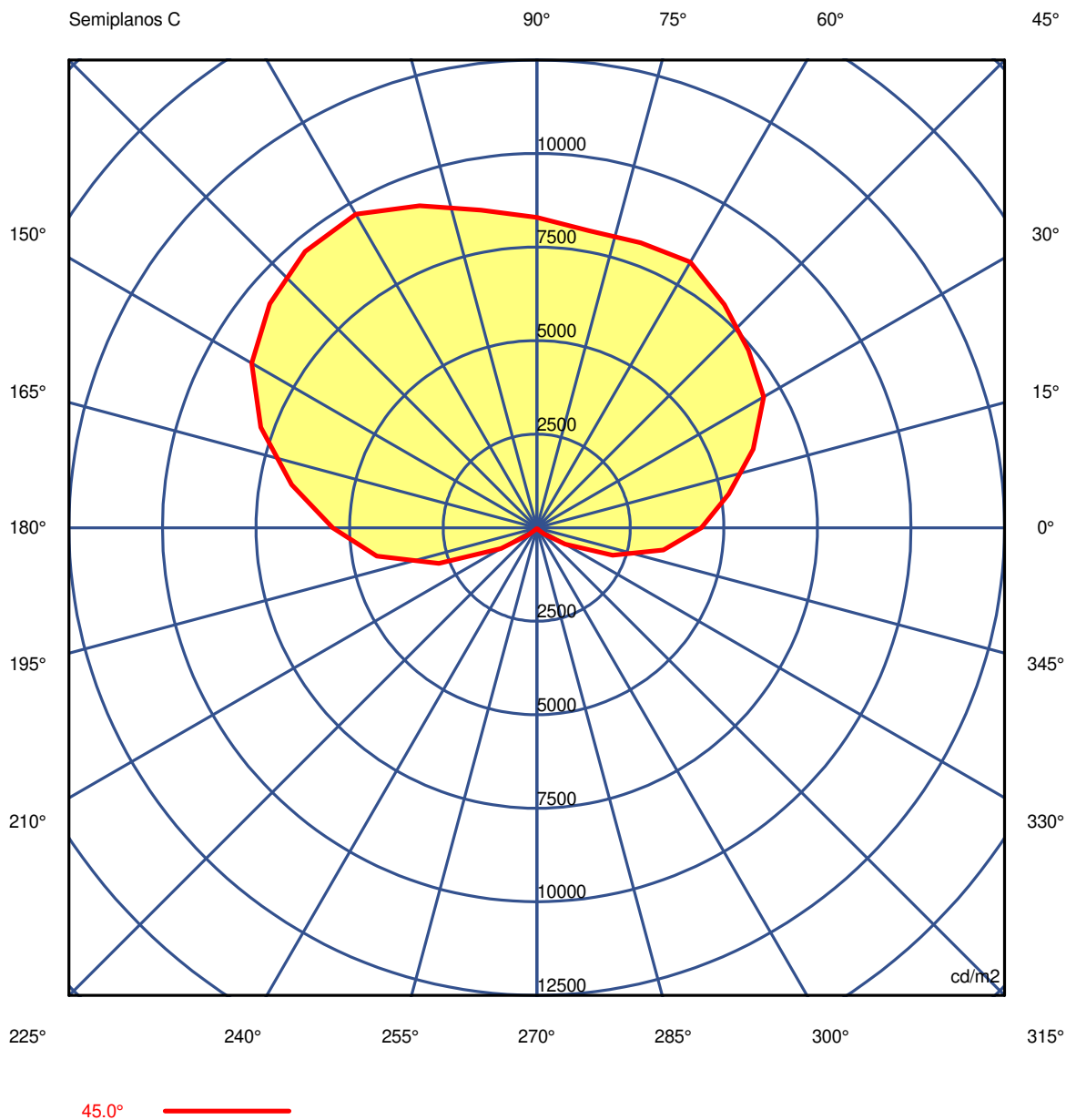


LEDS C4²

Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

Luminancia



LEDS C4²

Luminaria

Código 55-E026-14-CK

Nombre REK

Ensayo

Código 55-E026-14-CK

Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%						
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG Asimétrico							
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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	
G 5.0	39.23	48.94	57.62	64.96	72.17	83.10	93.30	94.41	97.66	103.27	100.36	97.09	93.94
G 10.0	155.75	175.56	204.70	233.21	242.61	255.21	276.21	290.01	306.97	317.48	299.55	286.59	283.69
G 15.0	370.32	411.14	472.38	543.95	596.65	643.74	678.24	681.83	711.51	748.95	720.25	702.73	710.19
G 20.0	557.17	652.80	759.32	862.74	936.69	1002.43	1069.18	1126.41	1180.35	1215.44	1203.71	1171.46	1135.45
G 25.0	833.97	977.18	1130.96	1275.96	1381.94	1490.88	1606.27	1690.23	1764.76	1815.40	1798.00	1756.02	1706.62
G 30.0	1208.02	1393.33	1605.62	1812.20	1955.92	2113.30	2290.47	2415.54	2519.16	2588.11	2565.19	2497.48	2406.56
G 35.0	1726.16	1980.89	2280.31	2566.17	2740.19	2943.13	3191.79	3364.18	3516.89	3627.09	3597.28	3530.36	3450.49
G 40.0	2617.89	3047.78	3558.52	4026.63	4253.24	4528.68	4867.43	5004.91	5148.60	5325.63	5355.97	5427.76	5502.98
G 45.0	4390.02	5206.92	6150.46	6994.67	7382.12	7792.78	8198.32	8110.14	8060.42	8298.75	8620.08	9162.58	9676.66
G 50.0	8245.79	9889.99	11461.50	12816.10	13822.36	14657.75	14998.73	14366.22	13931.50	14294.67	15174.38	16684.66	18155.30
G 55.0	16281.86	19622.58	22841.90	25535.49	27254.28	28435.58	28511.09	26595.52	25355.66	26059.84	27930.98	31134.91	34386.22
G 60.0	32250.41	38569.04	44296.89	48900.69	52098.20	54293.40	54007.65	49518.88	46161.27	46866.57	50604.05	57115.20	63334.50
G 65.0	60937.41	70482.21	77054.25	81223.78	85759.31	88242.91	85789.13	78276.35	72935.06	73534.15	78488.97	85901.87	92516.13
G 70.0	89789.36	93468.43	96045.65	98962.03	104376.70	107393.86	104355.13	96088.17	89099.88	87876.71	92362.00	98055.12	101677.05
G 75.0	100602.79	97259.27	94285.65	94071.26	98753.99	101701.52	99196.04	92895.60	85515.69	81566.25	84498.62	87463.93	87393.24
G 80.0	88208.66	81627.14	74700.24	70469.54	72465.27	73081.90	68953.30	62975.25	55081.05	49626.90	52614.28	56014.05	56251.56
G 85.0	50456.54	45248.03	38527.63	32015.67	28582.41	23266.09	17225.81	16365.89	13617.05	9990.02	13417.13	14459.38	12687.29
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 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%						
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico						
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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
G 5.0	83.42	76.02	73.37	66.42	57.10	47.78	38.78	31.45	25.93	20.61	13.50	6.16	2.55
G 10.0	264.67	246.64	230.06	197.64	171.61	156.23	132.38	100.25	68.16	44.78	28.11	15.87	7.93
G 15.0	676.99	627.36	570.88	492.25	427.52	381.70	320.60	231.68	140.97	90.68	58.24	30.61	16.75
G 20.0	1089.84	1031.93	948.50	827.00	702.30	586.71	467.01	364.52	270.67	157.71	74.67	40.12	25.75
G 25.0	1628.02	1536.42	1423.04	1261.09	1089.95	921.58	732.53	534.98	348.26	191.41	90.06	44.48	28.73
G 30.0	2278.80	2164.97	2038.52	1819.56	1587.06	1372.95	1123.69	799.26	457.95	222.56	97.47	46.80	29.36
G 35.0	3295.04	3166.37	3016.39	2682.55	2311.12	1994.69	1671.05	1200.56	651.64	268.19	89.61	45.41	29.93
G 40.0	5346.53	5201.88	4998.72	4394.88	3697.33	3123.18	2580.53	1789.04	874.99	302.11	78.32	44.57	31.71
G 45.0	9637.53	9319.84	8800.25	7852.81	6652.35	5457.07	4342.95	2786.22	1106.92	298.08	79.49	45.85	32.94
G 50.0	18423.51	17906.28	16834.25	14985.60	12688.96	10325.20	7928.63	4605.76	1306.33	204.11	118.16	50.25	37.33
G 55.0	35378.80	34544.34	32368.04	28833.70	24507.89	19867.58	14782.40	7841.51	1400.19	566.63	118.13	54.68	42.95
G 60.0	64715.97	62890.53	59119.42	53067.00	45753.47	37510.23	27348.43	13514.39	1336.73	550.88	126.00	62.10	52.84
G 65.0	94654.02	92361.88	87814.07	83394.55	77570.69	67230.09	49252.80	23337.21	1225.47	524.28	140.28	73.46	67.97
G 70.0	102251.06	98965.73	94137.28	92785.92	91124.30	89152.40	72416.95	36539.62	1268.71	556.40	163.25	89.27	94.11
G 75.0	86518.03	82988.95	78571.95	78774.36	84897.99	89199.93	77169.77	40296.19	1289.62	593.11	202.34	117.31	152.60
G 80.0	56392.08	54216.41	51442.92	53993.70	62909.27	70916.61	64522.10	34698.77	1177.77	596.82	262.68	175.35	257.32
G 85.0	16804.30	18634.76	17008.73	19959.14	26737.83	32053.00	29301.65	15997.05	1338.38	755.63	435.45	377.84	424.67
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 C4²

Luminaria

Código 55-E026-14-CK
Nombre REK

Ensayo

Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

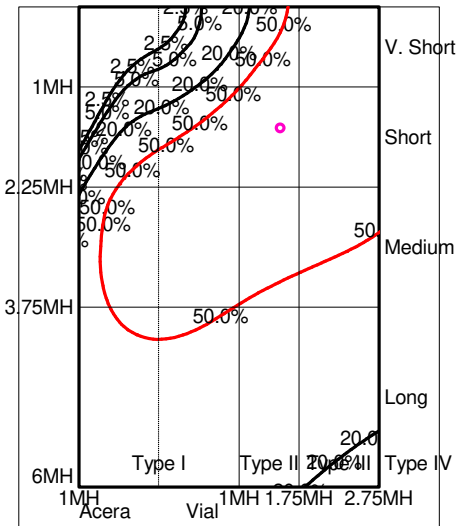
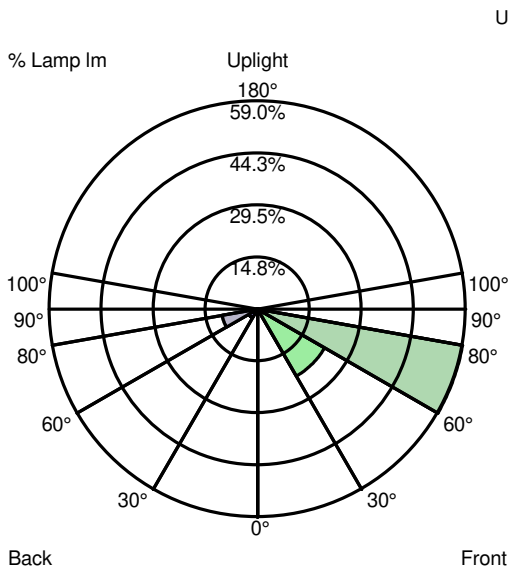
Luminance cd/m2 Tabla 3/3

	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	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
G 5.0	1.69	1.39	1.37	1.27	1.38	2.53	5.13	10.73	20.73	30.88
G 10.0	3.47	1.65	1.76	2.81	6.63	16.59	30.54	49.35	77.15	113.74
G 15.0	9.45	4.67	4.98	9.33	18.59	37.17	71.60	122.30	185.85	269.63
G 20.0	16.34	9.47	10.00	16.30	30.11	60.41	124.18	220.57	330.90	444.41
G 25.0	20.59	13.74	14.38	20.36	36.29	77.99	168.79	309.01	475.87	653.60
G 30.0	21.89	17.01	17.60	22.69	40.35	90.21	197.58	393.92	686.67	971.95
G 35.0	21.75	19.09	19.41	25.44	42.68	89.94	232.91	534.99	994.68	1414.88
G 40.0	22.04	20.81	21.14	28.89	45.57	87.26	259.36	695.63	1434.05	2119.68
G 45.0	23.55	22.20	23.24	31.55	48.84	91.25	264.12	871.49	2155.24	3429.96
G 50.0	29.36	25.19	28.51	32.17	53.79	120.11	208.61	1027.36	3450.85	6100.28
G 55.0	37.02	36.87	41.74	44.97	59.16	126.32	479.75	1119.46	5882.16	11494.46
G 60.0	49.78	52.92	49.61	54.46	67.48	136.79	478.40	1092.30	10608.44	22219.50
G 65.0	73.36	89.62	72.09	68.55	79.02	152.88	479.43	1058.68	19692.27	42169.47
G 70.0	101.16	110.42	95.21	90.58	96.55	178.05	522.23	1129.10	34378.78	68649.47
G 75.0	167.86	163.08	151.65	141.15	131.59	222.99	595.86	1250.20	44077.98	83416.70
G 80.0	265.18	198.93	235.32	234.74	197.19	291.03	642.55	1251.76	44808.08	80247.69
G 85.0	446.23	359.06	407.42	420.48	398.22	446.87	811.49	1492.07	28035.42	44238.59
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

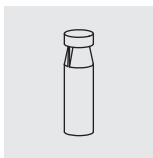
LEDS C4⁺

Luminaria
Código 55-E026-14-CK
Nombre REK
Ensayo
Código 55-E026-14-CK
Nombre REK

Flujo Luminaria	325 lm	Potencia Luminaria	13.7 W	Eficacia	23.723 lm/W	Eficiencia	100.00%
Flujo Fuente	325 lm	Valor Máximo	830.19 cd/klm	Posición	C=135.00 G=65.00	CG	Asimétrico

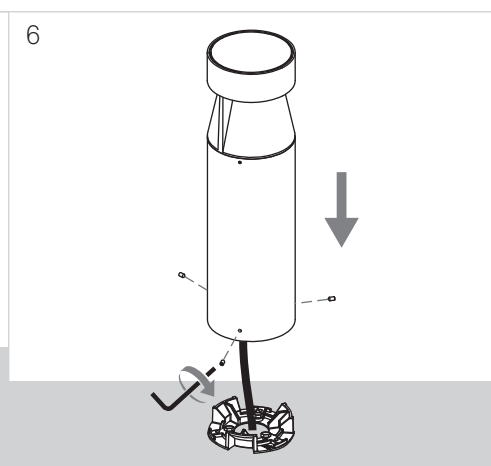
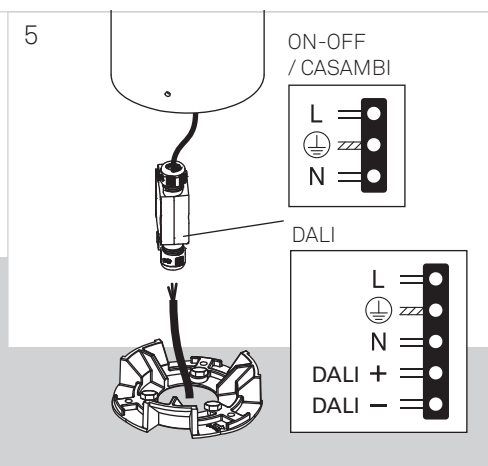
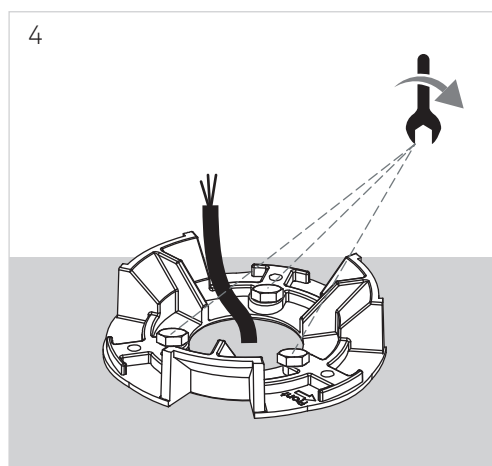
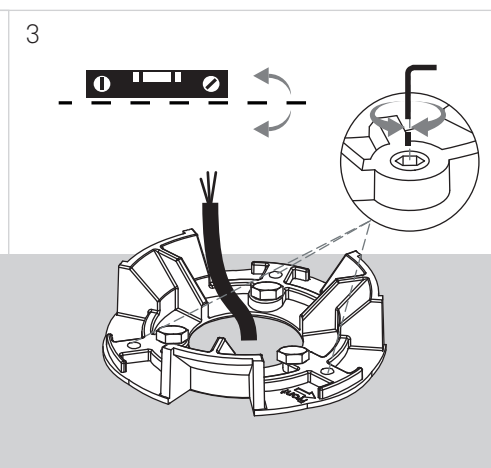
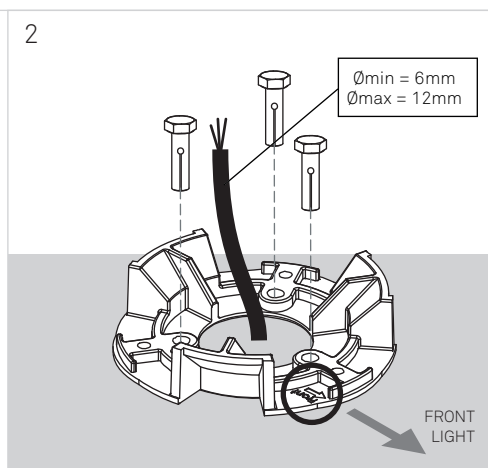
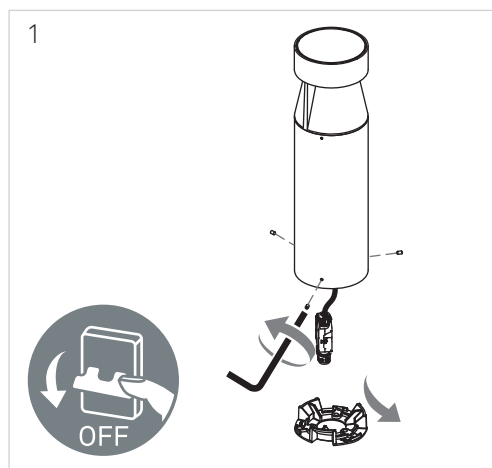
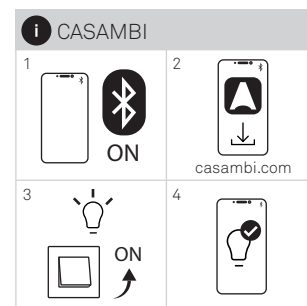
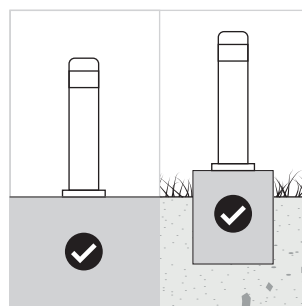
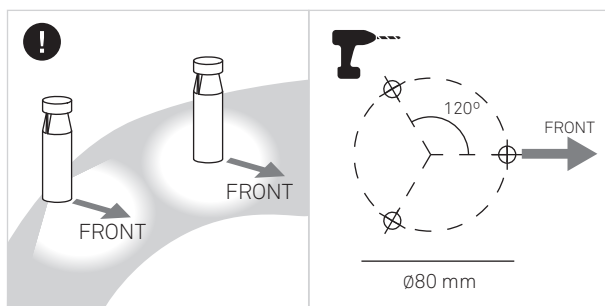
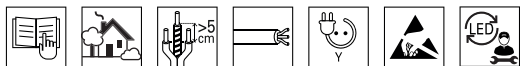


Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	2.8 lm	0.9 %
FM	30° -- 60°	71.4 lm	22.0 %
FH	60° -- 80°	191.8 lm	59.0 %
FVH	80° -- 90°	12.1 lm	3.7 %
BL	0° -- 30°	0.5 lm	0.1 %
BM	30° -- 60°	9.3 lm	2.9 %
BH	60° -- 80°	33.0 lm	10.2 %
BVH	80° -- 90°	4.1 lm	1.3 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		325.0 lm	100.0 %
BUG B0 U0 G1 Type IV Short Asymmetrical			

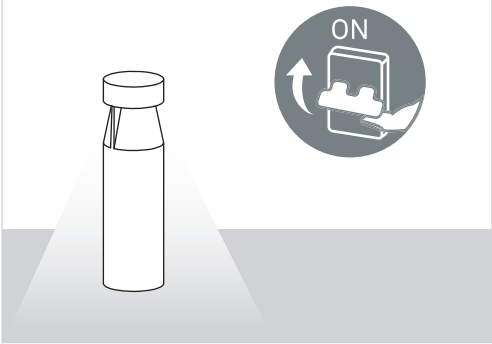


REK

LEDS C4



7





REK

55-E026-14-CK

Baliza de uso exterior

Material de la estructura: Aluminio. Acabado estructura: Blanco. Material del difusor: Policarbonato. Acabado difusor: Transparente. Protección contra los rayos ultravioleta. Garantía: 5 Años.

Peso neto del producto (Kg): 3.39

Anchura o diámetro del producto (mm): 150

Altura del producto (mm): 534

Clase 1. IP: IP66. IK: IK10. LED. Nº de portalámparas o Leds: 1. Marca del LED: NICHIA. Marca del Driver: TCI. Potencia máxima de la fuente de luz: 11.4W. Temperatura de color: 2700K. Índice de reproducción cromática: 80. Steps Mac Adam: 3. Horas de vida: 50.000h L80B20. UGR: 26.4. Riesgo fotobiológico: RG1. % de Flickering: <6%. Flujo real (lm): 325. Lm / W reales: 24. Rango de voltaje / frecuencia: 220-240V/50-60Hz. Voltaje: 12. Equipo incluido: Si, electrónico. Potencia total: 13.7. Factor de potencia: 0.95. Equipo regulable incluido: DALI-2.