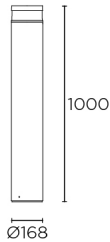


## NEWTON PRO Led Наземные Столбы

Дизайнер: No

**Описание**

Наземный светильник, для наружного использования, для освещения вниз.

Включает основание с "PRO-base SYSTEM", которое обеспечивает превосходную установку и наибольшую стабильность и длительный срок службы светильника. Подходит для установки в условиях с морской атмосферой. Включает 2 кабельных выхода для подключения по цепи. Материал структуры: Алюминий. Отделка структуры: Серый. Отделка лопастей: NA. Материал диффузора: Поликарбонатный абажур. Отделка диффузора: Прозрачный. Защита от ультрафиолетовых лучей. Гарантия: 5 Лет. Ta max: 50°C.

**Отделка**

Серый  
Прозрачный  
NA

**Материал**

Алюминий  
Поликарбонатный абажур



IP65 IK10



2

**ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ****Источник света**

Источник света: LED SAMSUNG  
Мощность (Вт): 22.8W  
Общее потребление (Вт): 25.1  
Цветовая температура: Белый теплый - 3000 K  
CRI: 80  
Фотобиологический риск: RG0  
Реальный световой поток: 2450  
№ диодов: 80  
Lm/W реальное: 98  
Срок службы: 50.000h L80B20  
Bin / Grup: VA o VB  
MacAdam steps: 3  
UGR: 24.7

**ОБОРУДОВАНИЕ**

Марка: TRIDONIC  
драйвер включен: Да, Электронный  
Напряжение/Частота: 220-240 VAC  
Козфициент мощности: 0.96  
Протокол регулирования: Dali  
Мигание: 2.6%

**Светильник**

Двойной вывод кабеля: Да  
Встраиваемый светильник для пешеходных зон: не  
Побережье: Да  
Защита от УФ: Да  
Гарантия: 5 Лет  
Ta max: 50°C

**Логистика**

Энергоэффективность: LED A++  
Штрих-код EAN: 8435526873715  
Вес нетто (кг): 5.760  
Вес в кг (в упаковке): 6.870  
Упаковка: - x 180 x 1050  
Masterbox: 2

Отделка на фотографии может не совпадать с отделкой, соответствующей артикулу товара. Для получения реальной информации смотрите описание отделки.

# LEDS C4<sup>®</sup>

## Luminaria

Código 55-E054-Z5-CL  
Nombre NEWTON LED

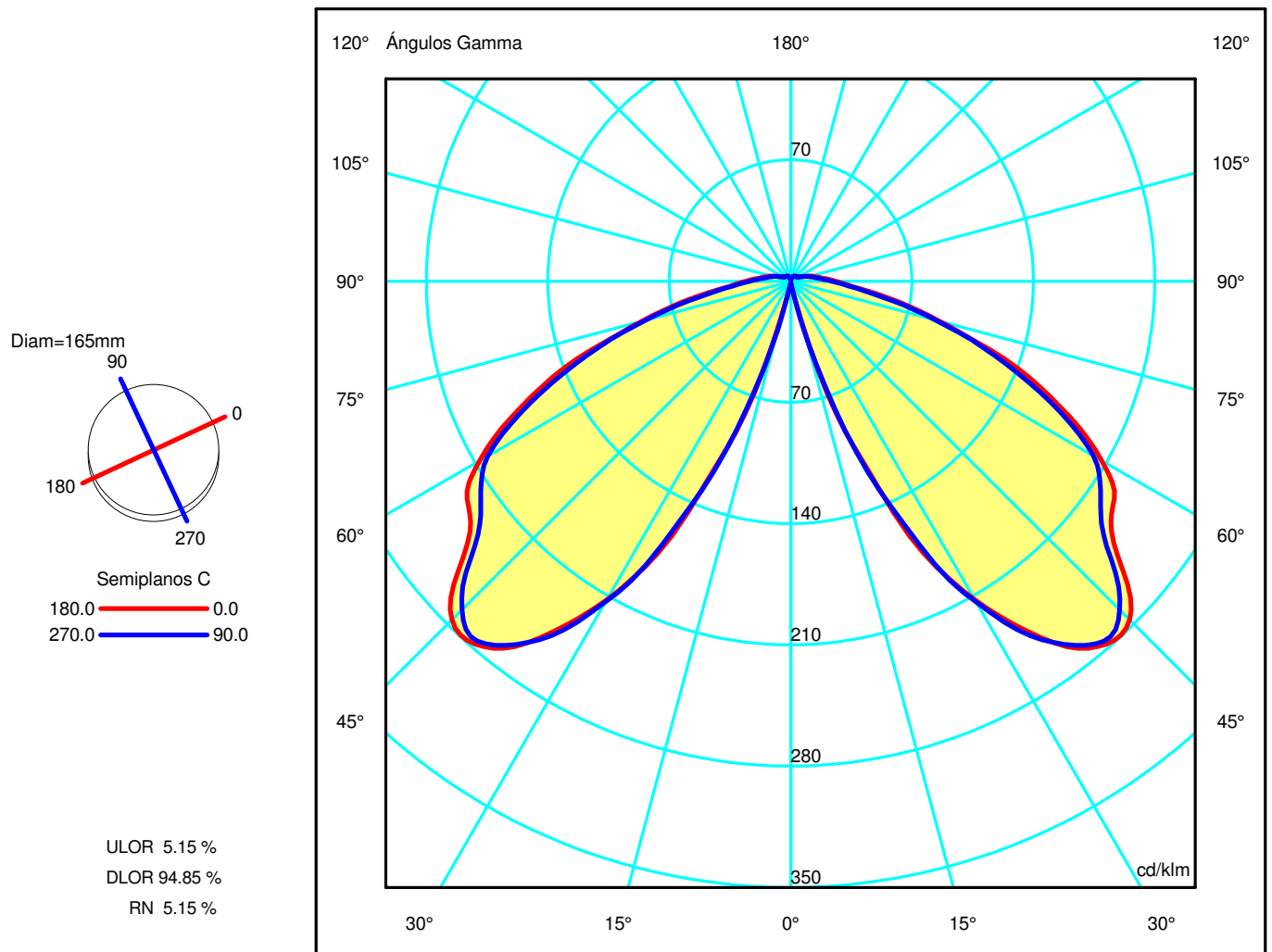
## Ensayo

Código 55-E054-Z5-CL  
Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico
Luminaria Redonda		Diam.	165 mm	Altura	205 mm		
Área Luminosa Redonda		Diam.	163 mm	Altura	50 mm		
Área Luminosa Horizontal	0.020867 m <sup>2</sup>			Área Emisión sobre Pl. 180°	0.008150 m <sup>2</sup>		
Área Emisión sobre Pl. 0°	0.008150 m <sup>2</sup>			Área Emisión sobre Pl. 270°	0.008150 m <sup>2</sup>		
Área Emisión sobre Pl. 90°	0.008150 m <sup>2</sup>			Área de deslumbramiento a 76°	0.012956 m <sup>2</sup>		
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico				
Fecha	31-12-2018	Máximo Ángulo Gamma	180				
Distancia de Ensayo	0.00	Flujo de Ensayo	2450.12 lm				
Operador	qualitat	Tensión de alimentación [V]	180				
Temperatura	25.00 °C	Corriente de alimentación [A]					
Humedad	60.00 %	Fotocélula					
Notas							

## Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	55-E054-Z5-CL	55-E054-Z5-CL	2450.12	25.10	1
C.I.E.	28 68 92 95 100	D DIN 5040	A11		
F UTE	0.95 I + 0.05 T	B NBN	BZ 7 / 1 / BZ 6		



**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

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Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

**Tabla de Intensidad Luminosa cd/klm Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	1.14	1.14	1.14	1.14	1.14	1.14	1.14
G 2.5	1.14	1.17	1.19	1.18	1.19	1.16	1.19
G 5.0	1.46	1.40	1.56	1.40	1.60	1.39	1.50
G 7.5	2.34	2.50	2.42	2.39	2.42	2.39	2.35
G 10.0	3.71	4.07	3.98	3.86	3.95	3.89	4.07
G 12.5	7.74	6.72	9.81	7.40	7.64	7.35	9.61
G 15.0	24.03	21.47	28.55	22.15	28.44	20.16	29.13
G 17.5	60.64	57.20	59.17	56.31	57.54	57.58	56.52
G 20.0	92.88	94.99	88.39	90.97	91.37	92.31	91.48
G 22.5	121.87	126.33	120.25	122.73	126.53	122.13	125.24
G 25.0	162.26	156.46	158.60	158.70	156.83	159.26	154.83
G 27.5	189.83	183.74	189.10	186.32	188.10	187.42	189.91
G 30.0	212.47	212.01	211.27	212.33	212.87	214.30	213.94
G 32.5	232.33	232.84	229.28	233.10	235.25	236.70	236.90
G 35.0	250.94	249.66	247.97	251.22	253.28	252.83	252.53
G 37.5	266.68	261.84	261.42	265.29	265.96	265.98	264.68
G 40.0	275.37	270.59	269.87	274.74	274.03	273.18	273.36
G 42.5	279.17	272.92	273.49	277.30	274.27	274.89	275.52
G 45.0	276.32	269.39	271.65	273.17	268.88	269.69	268.12
G 47.5	264.92	261.53	263.28	261.55	258.55	255.02	255.60
G 50.0	246.02	250.06	248.83	246.30	245.31	235.43	237.81
G 52.5	232.79	236.13	236.39	233.45	233.34	219.95	225.58
G 55.0	226.79	224.25	226.08	224.37	224.04	214.82	218.19
G 57.5	220.82	214.67	216.05	218.60	214.40	212.24	211.31
G 60.0	206.97	203.44	205.04	206.54	203.92	201.24	201.66
G 62.5	190.79	189.39	188.37	192.59	185.74	185.29	184.65
G 65.0	171.38	169.92	170.57	171.16	167.82	165.64	165.37
G 67.5	152.13	148.92	152.05	149.77	147.85	144.95	144.66
G 70.0	131.33	129.70	129.96	128.30	127.03	126.20	124.79
G 72.5	107.27	110.96	108.63	107.63	107.32	104.48	105.62
G 75.0	88.72	90.66	89.01	89.05	87.90	87.06	85.79
G 77.5	73.02	71.09	72.51	71.22	70.48	69.10	69.89
G 80.0	58.52	55.70	58.41	55.86	55.48	54.02	53.94
G 82.5	45.46	44.04	44.43	42.75	43.24	41.23	42.96
G 85.0	35.87	36.18	35.18	34.74	34.64	33.50	34.13
G 87.5	30.54	30.19	29.69	29.24	28.66	28.16	28.10
G 90.0	25.89	25.19	25.23	24.40	23.80	23.28	23.59
G 92.5	22.51	21.54	21.32	21.01	20.33	20.00	19.77
G 95.0	19.09	18.85	18.61	18.09	17.63	17.04	17.12
G 97.5	16.52	16.60	16.11	15.92	15.34	14.99	14.77
G100.0	14.67	14.38	14.39	14.01	13.60	13.20	13.18
G102.5	13.08	12.78	12.89	12.44	12.02	11.71	11.71
G105.0	11.52	11.33	11.39	11.14	10.72	10.49	10.36
G107.5	9.46	10.04	10.32	10.00	9.71	9.17	9.26
G110.0	8.14	8.78	9.30	9.11	8.76	8.11	7.95
G112.5	6.94	7.50	8.50	8.34	8.00	7.10	7.03
G115.0	5.92	6.62	7.84	7.69	7.38	6.28	6.12
G117.5	5.21	5.99	7.14	7.12	6.80	5.58	5.34
G120.0	4.84	5.49	6.57	6.65	6.30	5.04	4.76
G122.5	4.62	5.05	6.14	6.25	5.87	4.67	4.46
G125.0	4.45	4.71	5.77	5.92	5.49	4.42	4.31
G127.5	4.31	4.49	5.42	5.66	5.20	4.24	4.18
G130.0	4.18	4.32	5.12	5.40	4.93	4.08	4.06
G132.5	4.08	4.18	4.86	5.19	4.70	3.97	3.96
G135.0	4.00	4.03	4.66	4.98	4.51	3.86	3.87
G137.5	3.93	3.92	4.50	4.78	4.32	3.77	3.77
G140.0	3.84	3.83	4.30	4.59	4.16	3.68	3.68
G142.5	3.74	3.75	4.14	4.39	3.98	3.59	3.60
G145.0	3.65	3.65	3.95	4.17	3.80	3.50	3.50
G147.5	3.51	3.53	3.78	3.93	3.61	3.38	3.39
G150.0	3.38	3.38	3.58	3.68	3.43	3.26	3.25
G152.5	3.22	3.22	3.34	3.40	3.22	3.12	3.10
G155.0	2.98	3.03	3.10	3.12	3.00	2.93	2.95
G157.5	2.78	2.84	2.87	2.82	2.78	2.74	2.75
G160.0	2.59	2.58	2.61	2.56	2.55	2.53	2.56
G162.5	2.39	2.37	2.35	2.28	2.33	2.33	2.34
G165.0	2.15	2.13	2.08	2.02	2.08	2.09	2.13
G167.5	1.86	1.86	1.77	1.73	1.80	1.80	1.87
G170.0	1.58	1.54	1.50	1.47	1.48	1.48	1.54
G172.5	1.27	1.09	1.22	1.17	1.18	1.11	1.22
G175.0	0.77	0.81	0.79	0.83	0.77	0.82	0.70
G177.5	0.63	0.65	0.64	0.66	0.63	0.65	0.64
G180.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63

# LEDS C4<sup>®</sup>

## Luminaria

Código 55-E054-Z5-CL

Nombre NEWTON LED

## Ensayo

Código 55-E054-Z5-CL

Nombre NEWTON LED

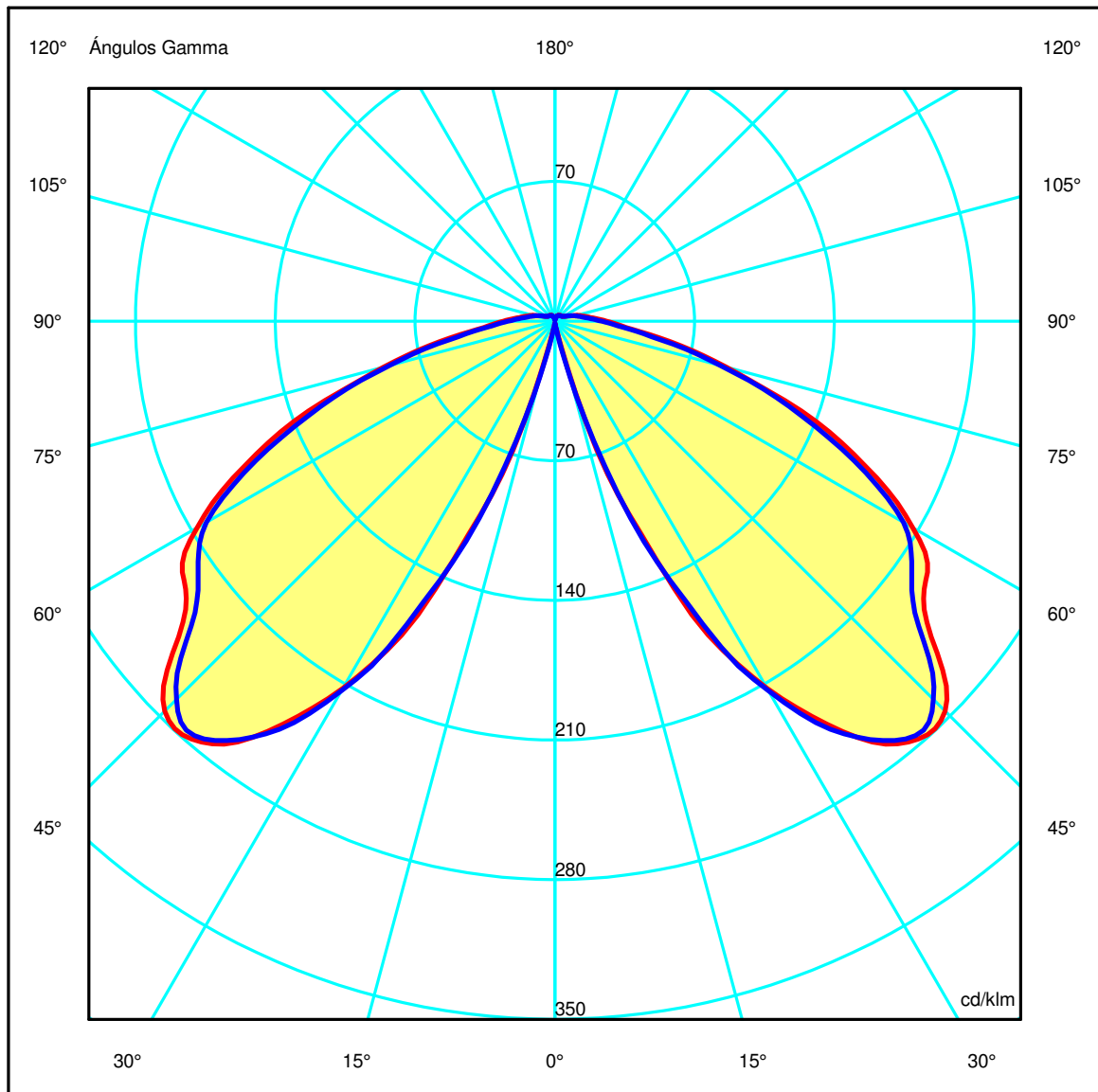
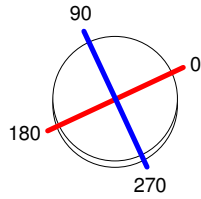
Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

Diam=165mm

Semiplanos C

180.0 ——— 0.0

270.0 ——— 90.0



# LEDS C4<sup>®</sup>

## Luminaria

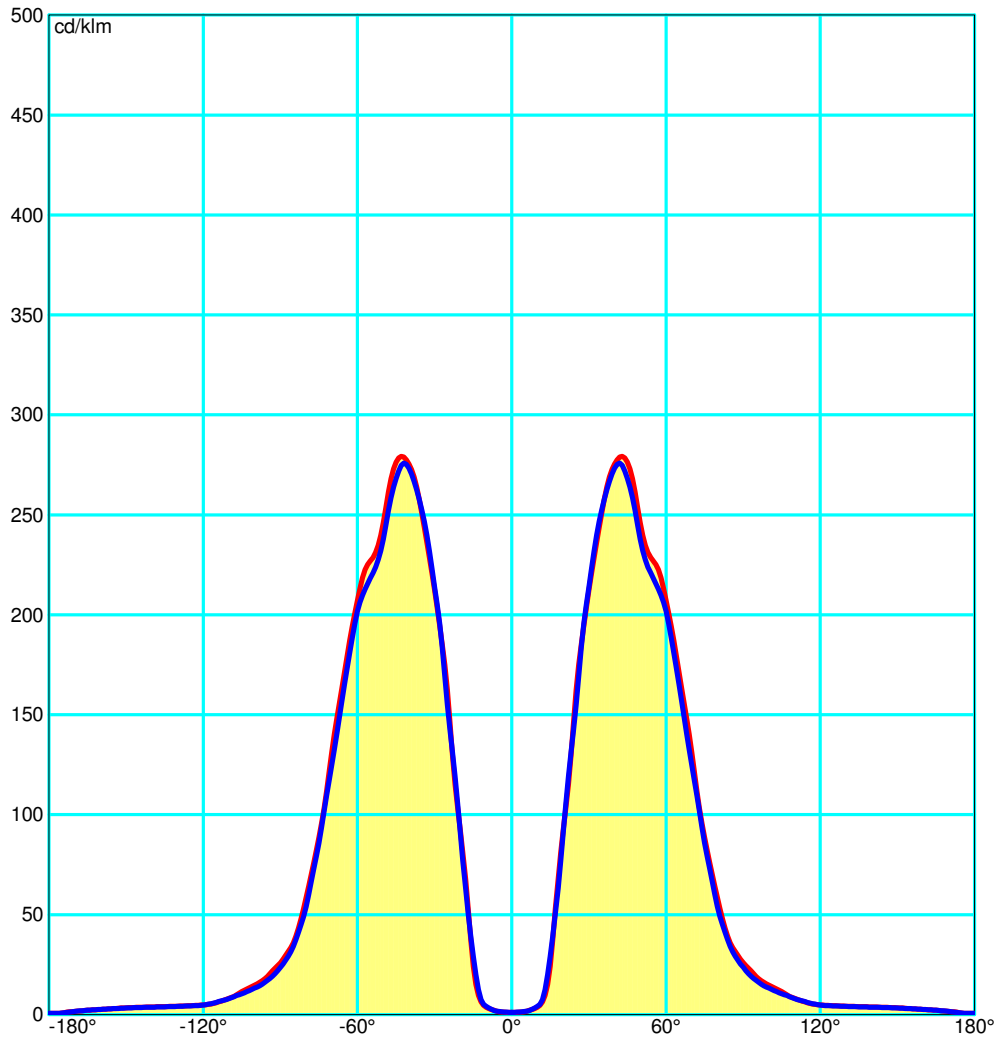
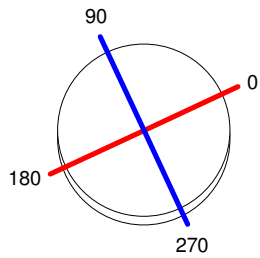
Código 55-E054-Z5-CL  
Nombre NEWTON LED

## Ensayo

Código 55-E054-Z5-CL  
Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

Diam=165mm



**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

**UGR**  
S = 0.250

Reflectancias										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	24.8	26.3	25.2	26.7	27.0	24.7	26.2	25.1	26.5	26.9
x=2H y=3H	26.3	27.7	26.8	28.1	28.5	26.2	27.5	26.6	27.9	28.3
x=2H y=4H	26.9	28.1	27.3	28.5	28.9	26.7	27.9	27.1	28.3	28.7
x=2H y=6H	27.2	28.3	27.6	28.8	29.2	27.0	28.1	27.4	28.6	29.0
x=2H y=8H	27.2	28.4	27.7	28.8	29.3	27.0	28.2	27.5	28.6	29.0
x=2H y=12H	27.3	28.4	27.8	28.9	29.3	27.1	28.2	27.6	28.6	29.1
x=4H y=2H	25.6	26.9	26.0	27.2	27.7	25.5	26.8	25.9	27.1	27.6
x=4H y=3H	27.2	28.3	27.7	28.8	29.2	27.1	28.2	27.6	28.6	29.1
x=4H y=4H	27.8	28.8	28.3	29.3	29.8	27.7	28.6	28.2	29.1	29.6
x=4H y=6H	28.2	29.1	28.7	29.6	30.1	28.1	28.9	28.6	29.4	29.9
x=4H y=8H	28.4	29.2	28.9	29.7	30.2	28.2	29.0	28.7	29.5	30.0
x=4H y=12H	28.5	29.2	29.0	29.7	30.3	28.3	29.0	28.8	29.5	30.1
x=8H y=4H	28.1	28.9	28.6	29.4	29.9	27.9	28.7	28.4	29.2	29.7
x=8H y=6H	28.6	29.3	29.1	29.8	30.3	28.4	29.1	29.0	29.6	30.2
x=8H y=8H	28.8	29.4	29.4	29.9	30.5	28.6	29.2	29.2	29.7	30.3
x=8H y=12H	29.0	29.5	29.6	30.1	30.7	28.8	29.3	29.4	29.9	30.5
x=12H y=4H	28.1	28.8	28.6	29.3	29.9	27.9	28.7	28.5	29.2	29.7
x=12H y=6H	28.6	29.2	29.2	29.8	30.4	28.5	29.1	29.0	29.6	30.2
x=12H y=8H	28.9	29.4	29.5	29.9	30.6	28.7	29.2	29.3	29.8	30.4

## Luminaria

Código 55-E054-Z5-CL

Nombre NEWTON LED

## Ensayo

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

Flujo Total=2450.12 Flujo Luminaria=2450.12

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	0.16	0.25	0.33	0.41	0.48	0.58	0.64	0.69	0.76	0.80	0.89	0.94
RC	9	8	8	7	7	7	7	7	7	7	7	7

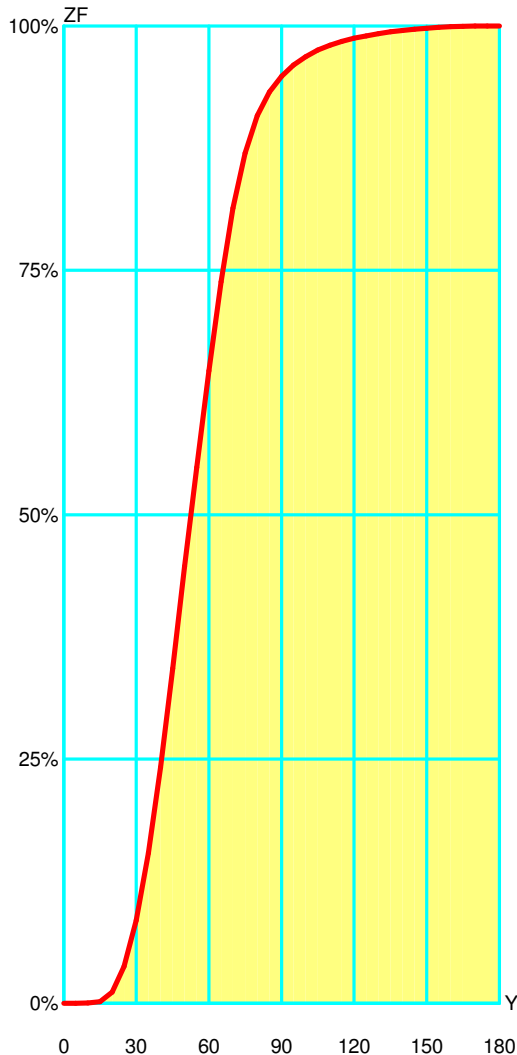
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	11	85	241	447	647	814	908	949	969	980	988	992	996	998	999	1000	1000

Códigos de Flujo C.I.E.

28 68 92 95 100

C.I.E.	9/8/8/7/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	A11	ULOR	5.14673 %
F UTE	0.95 l + 0.05 T	DLOR	94.85327 %
B NBN	BZ 7 / 1 / BZ 6	UFF	5.14673 %
RN	5.14673 %	DFF	94.85327 %
BLF	1.0	FFR	5.42599 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.03	0.03	0.00%	0.00 %
10°	0.19	0.22	0.02%	0.02 %
15°	1.38	1.60	0.14%	0.16 %
20°	9.74	11.34	0.97%	1.13 %
25°	26.24	37.58	2.62%	3.76 %
30°	47.32	84.90	4.73%	8.49 %
35°	68.64	153.54	6.86%	15.35 %
40°	87.86	241.40	8.79%	24.14 %
45°	101.25	342.65	10.12%	34.27 %
50°	104.57	447.22	10.46%	44.72 %
55°	101.08	548.30	10.11%	54.83 %
60°	99.07	647.37	9.91%	64.74 %
65°	91.04	738.41	9.10%	73.84 %
70°	75.21	813.62	7.52%	81.36 %
75°	56.40	870.02	5.64%	87.00 %
80°	38.29	908.32	3.83%	90.83 %
85°	24.10	932.42	2.41%	93.24 %
90°	16.12	948.53	1.61%	94.85 %
95°	11.54	960.07	1.15%	96.01 %
100°	8.63	968.70	0.86%	96.87 %
105°	6.65	975.35	0.66%	97.53 %
110°	5.13	980.47	0.51%	98.05 %
115°	3.94	984.42	0.39%	98.44 %
120°	3.09	987.51	0.31%	98.75 %
125°	2.52	990.02	0.25%	99.00 %
130°	2.12	992.15	0.21%	99.21 %
135°	1.82	993.96	0.18%	99.40 %
140°	1.55	995.52	0.16%	99.55 %
145°	1.31	996.82	0.13%	99.68 %
150°	1.06	997.89	0.11%	99.79 %
155°	0.82	998.71	0.08%	99.87 %
160°	0.59	999.30	0.06%	99.93 %
165°	0.39	999.68	0.04%	99.97 %
170°	0.22	999.90	0.02%	99.99 %
175°	0.09	999.98	0.01%	100.00 %
180°	0.02	1000.00	0.00%	100.00 %

**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

## 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	271	243	234	211	231	201	149	126	132	112	85	64	51	34	105	68	60	41	33	57	35	30	19				
0.80	309	283	250	231	269	220	180	157	149	131	98	78	59	43	123	81	74	50	41	70	43	38	23				
1.00	334	310	255	239	295	229	205	183	159	143	107	88	67	51	134	91	84	58	49	79	50	45	26				
1.25	355	334	254	241	318	231	229	208	166	152	115	98	75	60	143	100	93	66	57	89	59	53	29				
1.50	369	350	250	239	334	230	249	229	170	157	121	106	82	67	148	107	100	73	65	96	66	60	31				
2.00	386	371	239	231	354	223	278	260	172	162	129	116	93	80	153	116	111	84	77	106	77	71	34				
2.50	397	385	229	223	367	216	299	283	172	164	134	123	101	89	156	122	118	93	86	113	86	80	37				
3.00	405	394	221	217	376	210	315	300	171	165	137	128	107	97	157	127	123	100	93	118	93	88	39				
4.00	414	406	210	207	388	202	337	325	170	165	142	134	117	108	159	133	130	110	104	125	104	98	41				
5.00	420	413	203	200	396	196	352	342	169	165	145	139	123	115	159	137	134	117	112	130	111	106	43				
10.00	433	429	185	184	412	181	386	380	166	164	151	148	138	133	159	145	144	133	130	140	128	124	47				
20.00	438	436	174	173	419	171	405	401	163	162	155	153	147	144	157	150	149	143	141	145	139	135	49				

## 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	523	508	476	465	500	459	394	384	370	362	310	302	267	261	357	303	300	263	261	299	261	259	240
0.80	594	578	527	516	567	508	461	449	424	415	363	354	318	311	408	354	351	313	310	348	310	307	285
1.00	644	629	559	549	615	540	513	500	461	453	403	393	357	350	444	393	389	352	348	385	347	344	319
1.25	688	674	584	576	657	565	560	547	494	485	438	429	394	386	475	427	423	387	383	418	382	378	349
1.50	720	707	601	594	688	583	597	584	518	510	466	456	423	415	498	453	449	415	411	443	409	404	373
2.00	759	747	616	610	725	599	646	633	544	538	499	490	460	452	524	485	481	451	447	474	443	437	402
2.50	785	775	625	620	750	609	680	668	562	556	522	514	487	479	542	507	504	476	472	495	468	460	422
3.00	803	794	631	627	768	616	704	693	574	569	538	531	506	498	554	523	520	495	491	510	485	477	437
4.00	831	824	642	639	796	628	743	733	595	591	564	558	537	530	575	548	546	525	521	535	514	504	461
5.00	853	847	653	651	817	640	772	763	611	608	585	580	561	555	592	569	567	548	544	554	536	525	480
10.00	914	911	689	688	878	678	850	845	661	659	645	642	630	625	642	628	626	614	612	612	600	587	537
20.00	964	962	726	725	928	715	912	909	705	704	696	694	687	684	687	678	677	670	669	662	654	640	587

## 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	475	460	444	431	450	423	321	310	309	300	232	224	176	171	294	224	221	172	169	218	169	167	147
0.80	594	576	547	534	562	523	431	418	411	401	331	321	271	264	391	320	316	265	262	312	261	258	236
1.00	686	668	625	612	649	599	521	506	492	481	413	401	352	343	469	399	395	344	339	389	338	333	311
1.25	774	757	698	686	733	671	611	595	573	562	496	484	435	425	546	480	475	425	420	467	418	411	390
1.50	841	824	751	741	797	724	682	665	634	623	561	548	502	491	605	542	537	490	484	527	481	473	451
2.00	938	923	826	818	890	800	789	772	723	713	659	646	605	593	692	637	632	590	584	619	578	567	547
2.50	1000	987	873	866	951	848	861	845	781	773	724	712	675	663	749	700	696	658	651	680	643	631	611
3.00	1000	1000	905	900	994	881	913	898	822	815	771	760	726	714	789	746	742	707	701	724	691	677	657
4.00	1000	1000	946	941	1000	922	983	970	875	869	832	823	794	783	841	805	802	773	767	782	754	737	718
5.00	1000	1000	970	967	1000	948	1000	1000	908	903	871	863	838	828	874	843	840	814	809	818	793	774	757
10.00	1000	1000	1000	1000	1000	1000	1000	1000	977	974	955	950	935	928	943	925	923	907	904	896	882	858	841
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	991	987	981	971	970	961	959	941	933	906	890

**LM53 SHR C0-C180: 9.615 SHR C90-C270: 9.409 SHR Superficial: 1.830**



# LEDS C4<sup>®</sup>

## Luminaria

Código 55-E054-Z5-CL

Nombre NEWTON LED

## Ensayo

Código 55-E054-Z5-CL

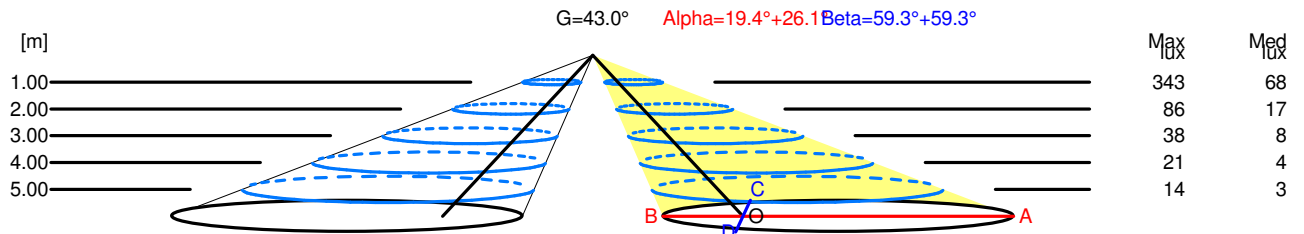
Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

### Apertura a 50.00 % de Max Intensidad

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.68	3.36	5.04	6.72	8.41	OC	2.31	4.61	6.92	9.23	11.54
OB	0.50	0.99	1.49	1.98	2.48	OD	2.31	4.61	6.92	9.23	11.54

	Intensidades Luminosas [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	2.79	3.58	58.88	397.56	614.83	677.01	555.67	419.90	217.36	87.88
OB	2.79	3.58	58.88	397.56	614.83	677.01	555.67	419.90	217.36	87.88
OC	2.79	3.67	71.38	379.35	618.73	656.92	534.59	405.17	210.19	83.63
OD	2.79	3.67	71.38	379.35	618.73	656.92	534.59	405.17	210.19	83.63



H[m]	D[m]	Max lux	Med lux	Alpha=19.4°+26.1°	G=43.0
1.00	2.18	343	68		
2.00	4.35	86	17		
3.00	6.53	38	8		
4.00	8.71	21	4		
5.00	10.88	14	3		

H[m]	D[m]	Max lux	Med lux	Beta=59.3°+59.3°	G=0.0
1.00	4.61	343	68		
2.00	9.23	86	17		
3.00	13.84	38	8		
4.00	18.46	21	4		
5.00	23.07	14	3		

# LEDS C4<sup>+</sup>

## Luminaria

Código 55-E054-Z5-CL

Nombre NEWTON LED

## Ensayo

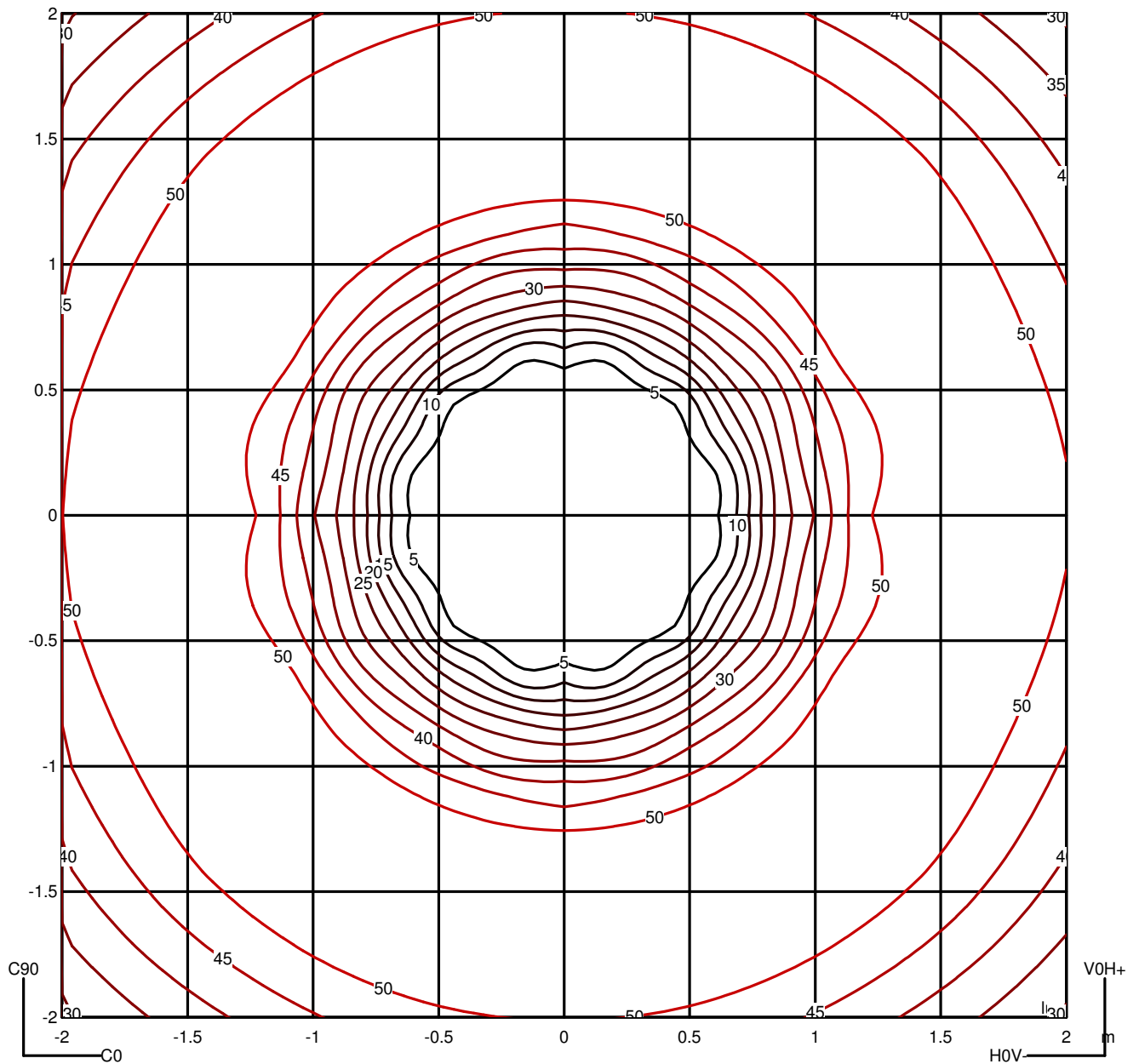
Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

Isolux (Suelo)

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



# LEDS C4<sup>®</sup>

**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

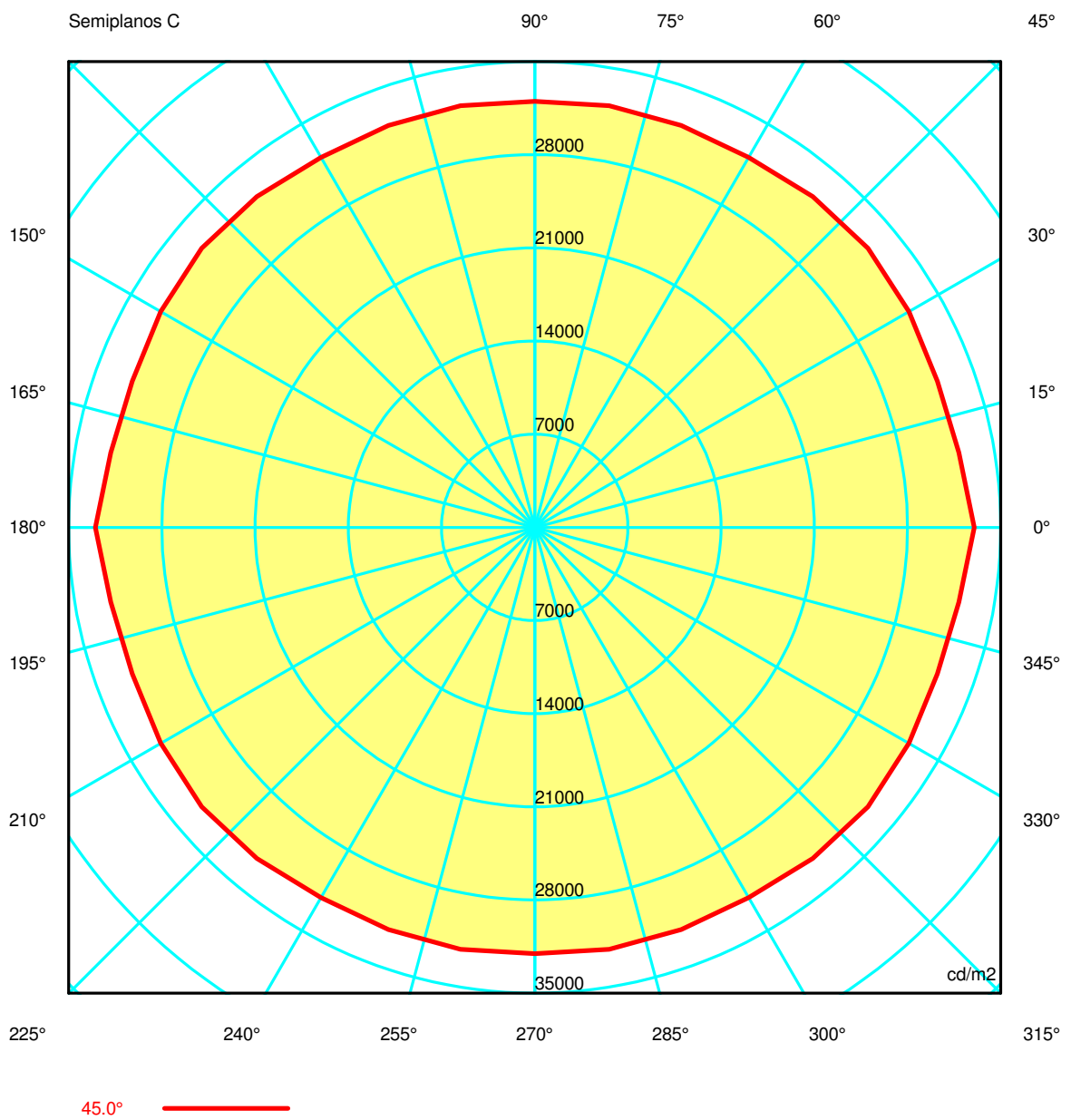
**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

Luminancia



**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

**Luminance cd/m2 Tabla 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53
G 5.0	166.74	158.58	166.85	177.34	163.26	166.01	182.07	166.62	156.91	170.67	156.91	166.62	182.07
G 10.0	414.21	445.57	455.05	443.40	431.95	433.68	440.50	435.07	437.17	454.13	437.17	435.07	440.50
G 15.0	2644.37	2297.99	2657.04	3141.69	2606.90	2628.62	3129.11	2497.19	2303.60	3205.91	2303.60	2497.19	3129.11
G 20.0	10160.69	10438.17	10162.42	9669.22	9809.67	9966.29	9995.37	10066.51	10092.64	10007.32	10092.64	10066.51	9995.37
G 25.0	17782.84	17269.50	17225.22	17381.48	17446.54	17323.92	17187.29	17394.82	17380.20	16968.20	17380.20	17394.82	17187.29
G 30.0	23506.33	23481.63	23417.18	23372.85	23447.81	23511.83	23550.43	23663.44	23717.95	23668.56	23717.95	23663.44	23550.43
G 35.0	28244.35	28168.39	28007.65	27910.75	28126.98	28393.54	28508.04	28485.02	28438.94	28423.58	28438.94	28485.02	28508.04
G 40.0	31789.00	31396.44	31125.67	31154.63	31552.64	31758.04	31634.63	31548.04	31536.14	31557.16	31536.14	31548.04	31634.63
G 45.0	32995.57	32338.81	32164.02	32438.34	32653.50	32460.76	32107.51	32149.35	32190.53	32016.53	32190.53	32149.35	32107.51
G 50.0	30665.55	31058.45	31188.68	31016.38	30756.08	30659.55	30577.57	29705.11	29261.98	29641.92	29261.98	29705.11	30577.57
G 55.0	29802.29	29505.96	29540.39	29708.92	29542.91	29469.67	29440.64	28578.04	28179.39	28671.72	28179.39	28578.04	29440.64
G 60.0	28990.51	28593.03	28507.35	28721.04	28917.80	28858.94	28563.30	28271.95	28168.84	28247.56	28168.84	28271.95	28563.30
G 65.0	25911.35	25737.34	25689.41	25788.18	25905.50	25752.26	25373.43	25112.18	25030.03	25002.05	25030.03	25112.18	25373.43
G 70.0	21747.58	21527.61	21486.49	21520.51	21356.74	21156.60	21036.38	20949.85	20830.31	20665.20	20830.31	20949.85	21036.38
G 75.0	16376.15	16691.10	16663.65	16431.49	16428.85	16391.87	16225.84	16119.48	16003.74	15835.62	16003.74	16119.48	16225.84
G 80.0	12307.77	11763.97	11887.11	12284.05	11960.23	11721.02	11668.03	11466.66	11355.28	11344.68	11355.28	11466.66	11668.03
G 85.0	8843.39	8927.96	8856.92	8673.35	8601.06	8556.72	8540.32	8334.26	8260.85	8415.21	8260.85	8334.26	8540.32
G 90.0	7784.47	7612.96	7574.75	7583.59	7429.00	7264.35	7155.59	7033.58	7005.99	7093.14	7005.99	7033.58	7155.59

**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

**Luminance cd/m2 Tabla 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53
G 5.0	166.01	163.26	177.34	166.85	158.58	166.74	158.58	166.85	177.34	163.26	166.01	182.07	166.62
G 10.0	433.68	431.95	443.40	455.05	445.57	414.21	445.57	455.05	443.40	431.95	433.68	440.50	435.07
G 15.0	2628.62	2606.90	3141.69	2657.04	2297.99	2644.37	2297.99	2657.04	3141.69	2606.90	2628.62	3129.11	2497.19
G 20.0	9966.29	9809.67	9669.22	10162.42	10438.17	10160.69	10438.17	10162.42	9669.22	9809.67	9966.29	9995.37	10066.51
G 25.0	17323.92	17446.54	17381.48	17225.22	17269.50	17782.84	17269.50	17225.22	17381.48	17446.54	17323.92	17187.29	17394.82
G 30.0	23511.83	23447.81	23372.85	23417.18	23481.63	23506.33	23481.63	23417.18	23372.85	23447.81	23511.83	23550.43	23663.44
G 35.0	28393.54	28126.98	27910.75	28007.65	28168.39	28244.35	28168.39	28007.65	27910.75	28126.98	28393.54	28508.04	28485.02
G 40.0	31758.04	31552.64	31154.63	31125.67	31396.44	31789.00	31396.44	31125.67	31154.63	31552.64	31758.04	31634.63	31548.04
G 45.0	32460.76	32653.50	32438.34	32164.02	32338.81	32995.57	32338.81	32164.02	32438.34	32653.50	32460.76	32107.51	32149.35
G 50.0	30659.55	30756.08	31016.38	31188.68	31058.45	30665.55	31058.45	31188.68	31016.38	30756.08	30659.55	30577.57	29705.11
G 55.0	29469.67	29542.91	29708.92	29540.39	29505.96	29802.29	29505.96	29540.39	29708.92	29542.91	29469.67	29440.64	28578.04
G 60.0	28858.94	28917.80	28721.04	28507.35	28593.03	28990.51	28593.03	28507.35	28721.04	28917.80	28858.94	28563.30	28271.95
G 65.0	25752.26	25905.50	25788.18	25689.41	25737.34	25911.35	25737.34	25689.41	25788.18	25905.50	25752.26	25373.43	25112.18
G 70.0	21156.60	21356.74	21520.51	21486.49	21527.61	21747.58	21527.61	21486.49	21520.51	21356.74	21156.60	21036.38	20949.85
G 75.0	16391.87	16428.85	16431.49	16663.65	16691.10	16376.15	16691.10	16663.65	16431.49	16428.85	16391.87	16225.84	16119.48
G 80.0	11721.02	11960.23	12284.05	11887.11	11763.97	12307.77	11763.97	11887.11	12284.05	11960.23	11721.02	11668.03	11466.66
G 85.0	8556.72	8601.06	8673.35	8856.92	8927.96	8843.39	8927.96	8856.92	8673.35	8601.06	8556.72	8540.32	8334.26
G 90.0	7264.35	7429.00	7583.59	7574.75	7612.96	7784.47	7612.96	7574.75	7583.59	7429.00	7264.35	7155.59	7033.58

**Luminaria**

Código 55-E054-Z5-CL

Nombre NEWTON LED

**Ensayo**

Código 55-E054-Z5-CL

Nombre NEWTON LED

Flujo Luminaria	2450.12 lm	Potencia luminaria	25.10 W	Eficacia	97.61 lm/W	Eficiencia	100.00%
Flujo de Lámpara	2450.12 lm	Valor Máximo	279.17 cd/klm	Posición	C=0.00 G=42.50	CG	Bisimétrico

**Luminance cd/m2 Tabla 3/3**

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53	133.53
G 5.0	156.91	170.67	156.91	166.62	182.07	166.01	163.26	177.34	166.85	158.58
G 10.0	437.17	454.13	437.17	435.07	440.50	433.68	431.95	443.40	455.05	445.57
G 15.0	2303.60	3205.91	2303.60	2497.19	3129.11	2628.62	2606.90	3141.69	2657.04	2297.99
G 20.0	10092.64	10007.32	10092.64	10066.51	9995.37	9966.29	9809.67	9669.22	10162.42	10438.17
G 25.0	17380.20	16968.20	17380.20	17394.82	17187.29	17323.92	17446.54	17381.48	17225.22	17269.50
G 30.0	23717.95	23668.56	23717.95	23663.44	23550.43	23511.83	23447.81	23372.85	23417.18	23481.63
G 35.0	28438.94	28423.58	28438.94	28485.02	28508.04	28393.54	28126.98	27910.75	28007.65	28168.39
G 40.0	31536.14	31557.16	31536.14	31548.04	31634.63	31758.04	31552.64	31154.63	31125.67	31396.44
G 45.0	32190.53	32016.53	32190.53	32149.35	32107.51	32460.76	32653.50	32438.34	32164.02	32338.81
G 50.0	29261.98	29641.92	29261.98	29705.11	30577.57	30659.55	30756.08	31016.38	31188.68	31058.45
G 55.0	28179.39	28671.72	28179.39	28578.04	29440.64	29469.67	29542.91	29708.92	29540.39	29505.96
G 60.0	28168.84	28247.56	28168.84	28271.95	28563.30	28858.94	28917.80	28721.04	28507.35	28593.03
G 65.0	25030.03	25002.05	25030.03	25112.18	25373.43	25752.26	25905.50	25788.18	25689.41	25737.34
G 70.0	20830.31	20665.20	20830.31	20949.85	21036.38	21156.60	21356.74	21520.51	21486.49	21527.61
G 75.0	16003.74	15835.62	16003.74	16119.48	16225.84	16391.87	16428.85	16431.49	16663.65	16691.10
G 80.0	11355.28	11344.68	11355.28	11466.66	11668.03	11721.02	11960.23	12284.05	11887.11	11763.97
G 85.0	8260.85	8415.21	8260.85	8334.26	8540.32	8556.72	8601.06	8673.35	8856.92	8927.96
G 90.0	7005.99	7093.14	7005.99	7033.58	7155.59	7264.35	7429.00	7583.59	7574.75	7612.96

