Luminaire

Code	2590120839U
Name	DRIP S/01 BLACK EBONY-FROSTED GLASS
Line	

Measurem.

Code	CL092A25D017GPE1
Name	DRIP S/01 BLACK EBONY-FROSTED GLASS

Source Data

Code	CMA1306-0000-000C0U0A27G	Correlated Color Temperature (CCT)	2664K	Q.ty	1
Name	CREE	Color rendering index (CRI)	93		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	11-07-2025	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	264.4 lm
Maximum	1181.54 cd/klm	Position	C=0.0° G=0.0°
Remarks	RM25062502.5		

Electrical Parameters

Channel 1		Channel 2	
Voltage	120.00 V	Voltage	0.00 V
Current	0.06 A	Current	0.00 A
Power	4.20 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.61	Power Factor	0.00

Environmental Parameters

Temperature	24.4 °C	Air Speed	0.0 m/s
Humidity	55.3 %		

Luminaire Dimensions

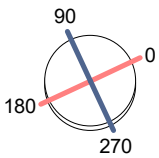
Round Luminaire	Diam.	85 mm	Height	125 mm	
Round Luminous Area	Diam.	85 mm	Height	125 mm	
Horizontal Luminous Area	0.005675 m2		Emitting area on Plane 180°	0.010625 m2	
Emitting area on Plane 0°	0.010625 m2		Emitting area on Plane 270°	0.010625 m2	
Emitting area on Plane 90°	0.010625 m2		Glare area at 76°	0.011682 m2	

Photometric Assessment

Luminaire Flux	264.4 lm	Source Flux	264.4 lm
Efficacy	62.944 lm/W	Efficiency	100.0 %
CIE Flux Codes	73 88 96 91 100	D DIN 5040	A61
F UTE	0.91 B + 0.09 T	B NBN	BZ 1 / 2 / BZ 2

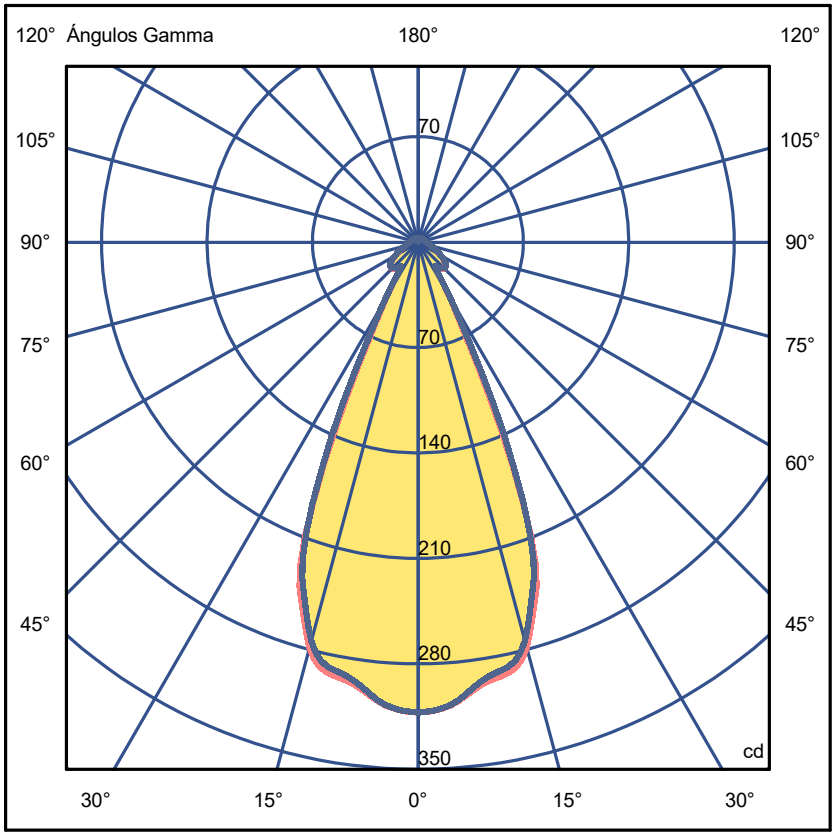


Diam=85mm





ULOR 9.41 %
DLOR 90.59 %
RN 9.41 %



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Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

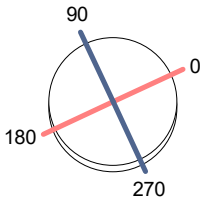
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	312	312	312	312	312	312	312
G 2.5	311	311	310	310	310	310	310
G 5.0	306	306	306	306	306	305	305
G 7.5	298	298	298	297	297	297	297
G 10.0	294	293	292	292	291	291	291
G 12.5	291	290	289	288	288	287	287
G 15.0	279	277	276	274	274	274	274
G 17.5	255	254	254	253	251	250	250
G 20.0	229	228	227	226	225	224	224
G 22.5	172	173	173	174	175	175	176
G 25.0	110	112	114	116	118	118	118
G 27.5	63	64	66	67	69	70	70
G 30.0	42	42	42	42	43	43	44
G 32.5	26	26	26	26	26	26	27
G 35.0	20	20	20	19	19	20	20
G 37.5	21	21	20	20	20	20	20
G 40.0	23	22	22	22	22	22	22
G 42.5	24	23	23	23	23	23	23
G 45.0	24	24	24	23	24	24	24
G 47.5	25	24	24	24	24	24	25
G 50.0	24	24	23	23	24	24	24
G 52.5	23	22	22	22	22	23	23
G 55.0	21	21	21	21	21	21	21
G 57.5	19	19	19	19	19	19	19
G 60.0	17	17	17	17	17	17	17
G 62.5	15	15	15	15	15	15	16
G 65.0	13	13	13	13	13	14	14
G 67.5	12	12	12	12	12	12	12
G 70.0	11	11	11	11	11	11	11
G 72.5	10	10	9	9	10	10	10
G 75.0	9	9	9	9	9	9	9
G 77.5	8	8	8	8	8	8	8
G 80.0	7	7	7	7	7	7	7
G 82.5	7	7	7	7	7	7	7
G 85.0	6	6	6	6	6	6	6
G 87.5	6	6	6	6	6	6	6
G 90.0	6	6	5	5	5	5	5
G 92.5	5	5	5	5	5	5	5
G 95.0	5	5	5	5	5	5	5
G 97.5	5	5	5	5	5	5	5
G100.0	5	5	5	5	5	5	5
G102.5	5	5	5	5	5	5	5
G105.0	5	5	5	4	4	4	4
G107.5	5	4	4	4	4	4	4
G110.0	4	4	4	4	4	4	4
G112.5	4	4	4	4	4	4	4
G115.0	4	4	4	4	4	4	4
G117.5	4	4	4	4	4	4	4
G120.0	4	4	4	4	4	4	4
G122.5	4	4	4	4	4	4	4
G125.0	4	4	4	4	4	4	4
G127.5	4	4	4	4	4	4	4
G130.0	4	4	4	4	4	4	4
G132.5	4	4	4	4	4	4	4
G135.0	4	4	3	3	3	3	3
G137.5	4	3	3	3	3	3	3
G140.0	3	3	3	3	3	3	3
G142.5	3	3	3	3	3	3	3
G145.0	3	3	3	3	3	3	3
G147.5	3	3	3	3	3	3	3
G150.0	3	3	3	3	3	3	3
G152.5	3	3	3	3	3	3	3
G155.0	3	3	3	3	3	3	3
G157.5	3	3	3	3	3	3	3
G160.0	3	3	3	3	3	3	3
G162.5	3	3	3	3	3	3	3
G165.0	3	3	3	3	3	3	3
G167.5	2	2	2	3	3	3	3
G170.0	2	2	2	2	2	2	2
G172.5	1	1	1	2	2	2	2
G175.0	0	0	1	1	1	1	1
G177.5	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0

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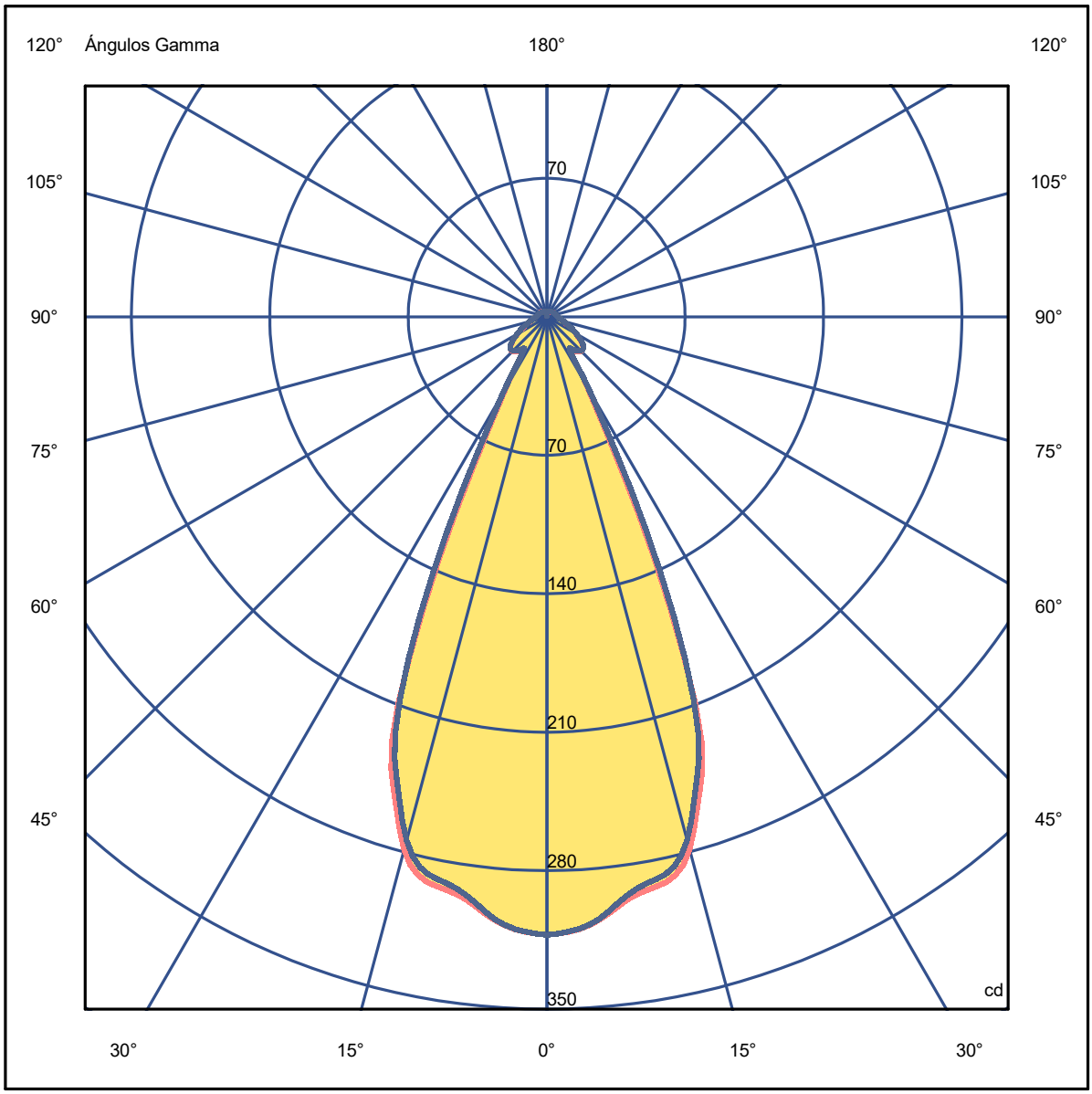
Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=85mm



Semiplanos C





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Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	11.2	12.1	11.6	12.4	12.8	11.3	12.2	11.7	12.5	12.9
x=2H y=3H	12.2	13.1	12.7	13.5	13.9	12.3	13.2	12.8	13.6	14.0
x=2H y=4H	12.7	13.5	13.1	13.9	14.3	12.8	13.6	13.2	14.0	14.4
x=2H y=6H	13.1	13.8	13.6	14.3	14.8	13.2	13.9	13.7	14.4	14.8
x=2H y=8H	13.3	14.0	13.8	14.4	14.9	13.4	14.1	13.9	14.5	15.0
x=2H y=12H	13.5	14.1	14.0	14.6	15.1	13.6	14.2	14.1	14.7	15.2
x=4H y=2H	11.7	12.4	12.1	12.9	13.3	11.7	12.5	12.2	12.9	13.4
x=4H y=3H	12.9	13.5	13.4	14.0	14.5	13.0	13.6	13.5	14.1	14.6
x=4H y=4H	13.4	14.0	14.0	14.5	15.1	13.5	14.1	14.1	14.6	15.2
x=4H y=6H	14.0	14.5	14.6	15.0	15.6	14.1	14.6	14.6	15.1	15.7
x=4H y=8H	14.3	14.7	14.8	15.3	15.9	14.4	14.8	14.9	15.4	16.0
x=4H y=12H	14.5	15.0	15.1	15.5	16.1	14.6	15.0	15.2	15.6	16.2
x=8H y=4H	13.7	14.1	14.2	14.7	15.3	13.7	14.2	14.3	14.7	15.4
x=8H y=6H	14.4	14.8	15.0	15.3	16.0	14.5	14.8	15.1	15.4	16.1
x=8H y=8H	14.8	15.1	15.4	15.7	16.4	14.8	15.2	15.4	15.8	16.4
x=8H y=12H	15.2	15.4	15.8	16.1	16.7	15.2	15.5	15.8	16.1	16.8
x=12H y=4H	13.7	14.1	14.3	14.6	15.3	13.7	14.2	14.3	14.7	15.3
x=12H y=6H	14.5	14.8	15.1	15.4	16.0	14.5	14.8	15.1	15.4	16.1
x=12H y=8H	14.9	15.2	15.5	15.8	16.5	14.9	15.2	15.6	15.8	16.5

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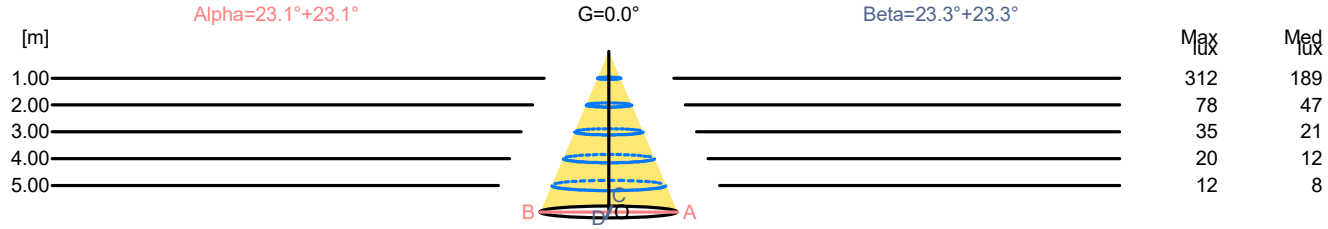
Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.43	0.85	1.28	1.71	2.14	OC	0.43	0.86	1.29	1.73	2.16
OB	0.43	0.85	1.28	1.71	2.14	OD	0.43	0.86	1.29	1.73	2.16

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	312.36	305.91	278.77	109.56	20.41	24.47	20.96	13.47	8.71	6.32
OB	312.36	305.91	278.77	109.56	20.41	24.47	20.96	13.47	8.71	6.32
OC	312.36	305.38	273.98	118.40	19.81	24.02	21.35	13.81	8.83	6.27
OD	312.36	305.38	273.98	118.40	19.81	24.02	21.35	13.81	8.83	6.27



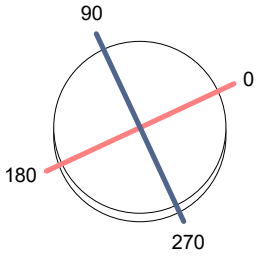
H[m]	D[m]	Max lux	Med lux	Alpha=23.1°+23.1° G=0.0
1.00	0.85	312	189	
2.00	1.71	78	47	
3.00	2.56	35	21	
4.00	3.42	20	12	
5.00	4.27	12	8	

H[m]	D[m]	Max lux	Med lux	Beta=23.3°+23.3° G=0.0
1.00	0.86	312	189	
2.00	1.73	78	47	
3.00	2.59	35	21	
4.00	3.45	20	12	
5.00	4.32	12	8	

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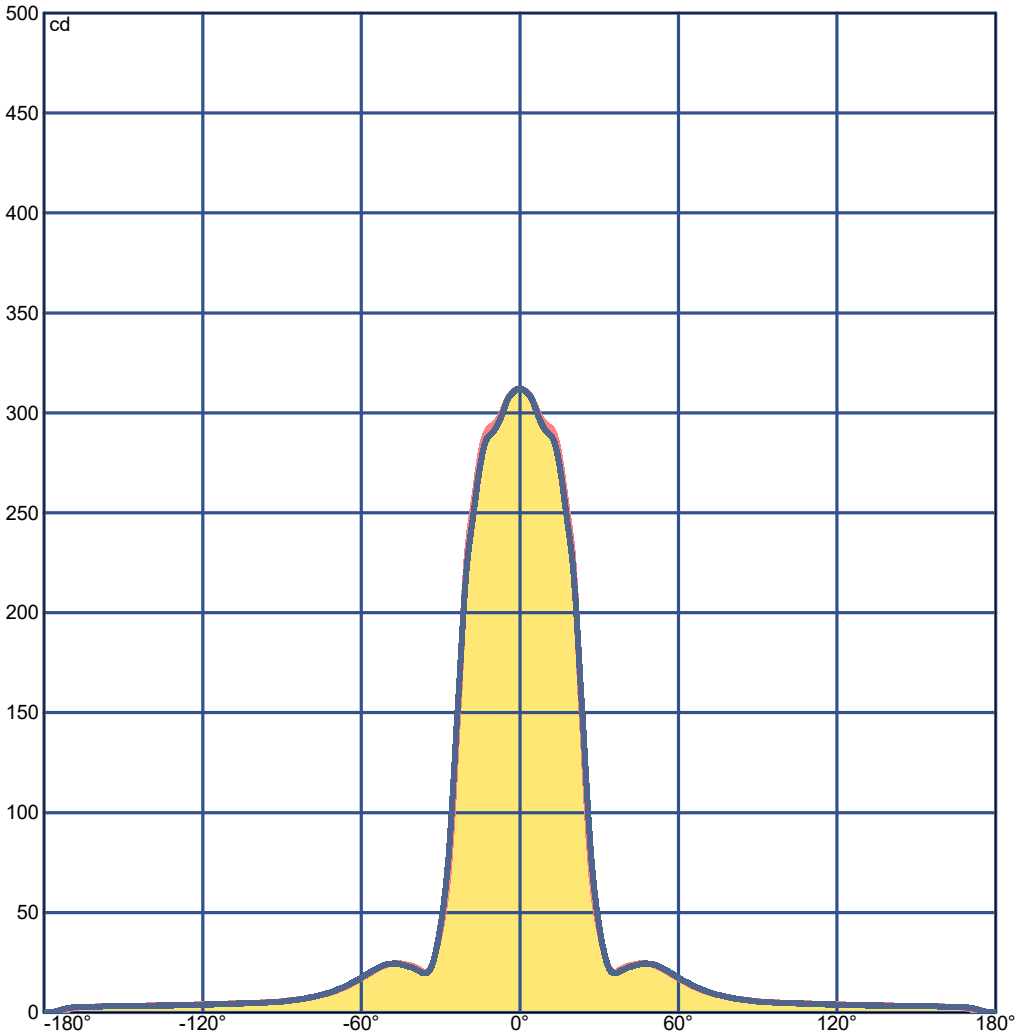
Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=85mm



Semiplanos C





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Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=264.36 Flujo Luminaria=264.36

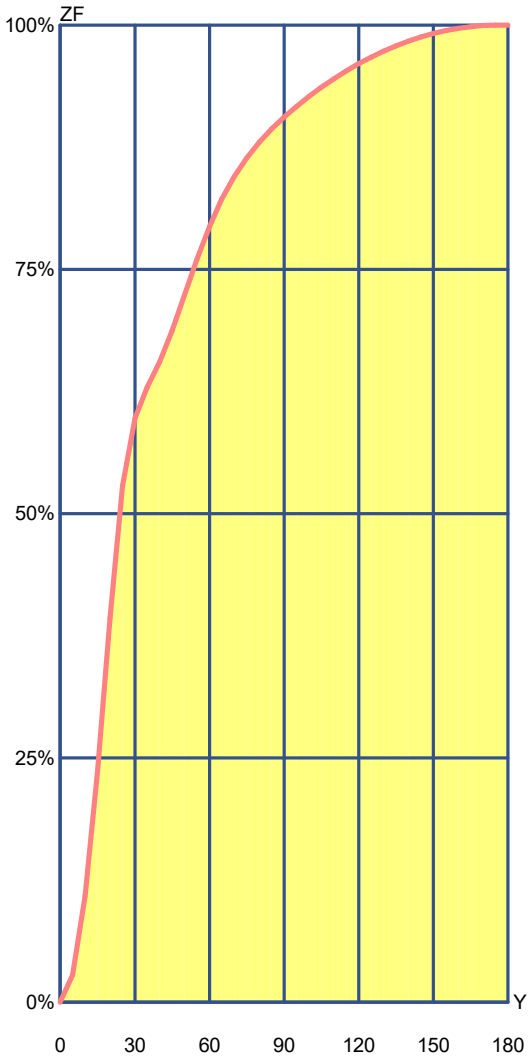
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.52	0.58	0.64	0.69	0.73	0.79	0.83	0.86	0.90	0.92	0.96	0.98
RC	1	1	2	2	2	2	2	2	2	2	2	1

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)	108	393	598	655	724	794	845	880	906	927	945	960	973	984	991	997	1000	1000

Códigos de Flujo C.I.E.
73 88 96 91 100

C.I.E.	1/1/2/2/2/2/2/2/2/2/1	LOR	100.00000 %
D DIN 5040	A61	ULOR	9.41033 %
F UTE	0.91 B + 0.09 T	DLOR	90.58967 %
B NBN	BZ 1 / 2 / BZ 2	UFF	9.41033 %
RN	9.41033 %	DFF	90.58967 %
BLF	1.0	FFR	10.38786 %



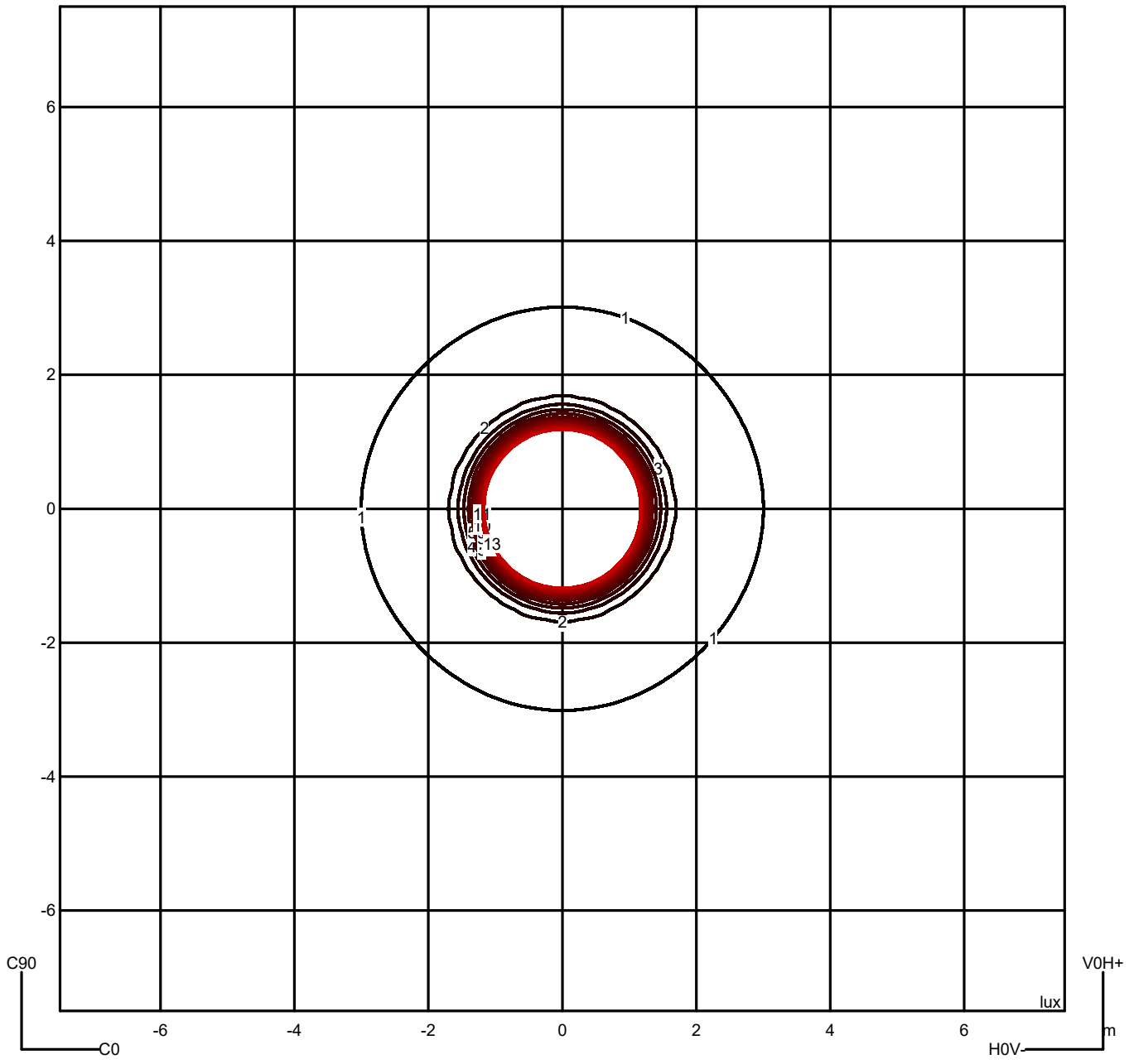
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	27.93	27.93	2.79 %	2.79 %
10°	80.50	108.43	8.05 %	10.84 %
15°	128.22	236.65	12.82 %	23.67 %
20°	156.35	393.00	15.64 %	39.30 %
25°	135.60	528.60	13.56 %	52.86 %
30°	69.06	597.67	6.91 %	59.77 %
35°	31.57	629.24	3.16 %	62.92 %
40°	25.96	655.20	2.60 %	65.52 %
45°	32.22	687.42	3.22 %	68.74 %
50°	36.65	724.06	3.66 %	72.41 %
55°	36.81	760.88	3.68 %	76.09 %
60°	33.10	793.98	3.31 %	79.40 %
65°	27.94	821.92	2.79 %	82.19 %
70°	23.02	844.94	2.30 %	84.49 %
75°	19.04	863.98	1.90 %	86.40 %
80°	16.05	880.03	1.61 %	88.00 %
85°	13.79	893.83	1.38 %	89.38 %
90°	12.07	905.90	1.21 %	90.59 %
95°	10.88	916.78	1.09 %	91.68 %
100°	10.11	926.89	1.01 %	92.69 %
105°	9.40	936.29	0.94 %	93.63 %
110°	8.72	945.01	0.87 %	94.50 %
115°	8.06	953.07	0.81 %	95.31 %
120°	7.39	960.46	0.74 %	96.05 %
125°	6.73	967.19	0.67 %	96.72 %
130°	6.08	973.27	0.61 %	97.33 %
135°	5.44	978.72	0.54 %	97.87 %
140°	4.81	983.53	0.48 %	98.35 %
145°	4.20	987.73	0.42 %	98.77 %
150°	3.59	991.33	0.36 %	99.13 %
155°	2.99	994.31	0.30 %	99.43 %
160°	2.37	996.68	0.24 %	99.67 %
165°	1.74	998.43	0.17 %	99.84 %
170°	1.12	999.55	0.11 %	99.95 %
175°	0.41	999.96	0.04 %	100.00 %
180°	0.04	1000.00	0.00 %	100.00 %

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Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.463837	y =0.413034
CIE1960	u =0.263966	v =0.352582
CIE1976	u'=0.263966	v'=0.528873
D(u,v)	0.00058	

Color rendering index (CRI)
Color Rendering Components

CCT = [2664 K]*

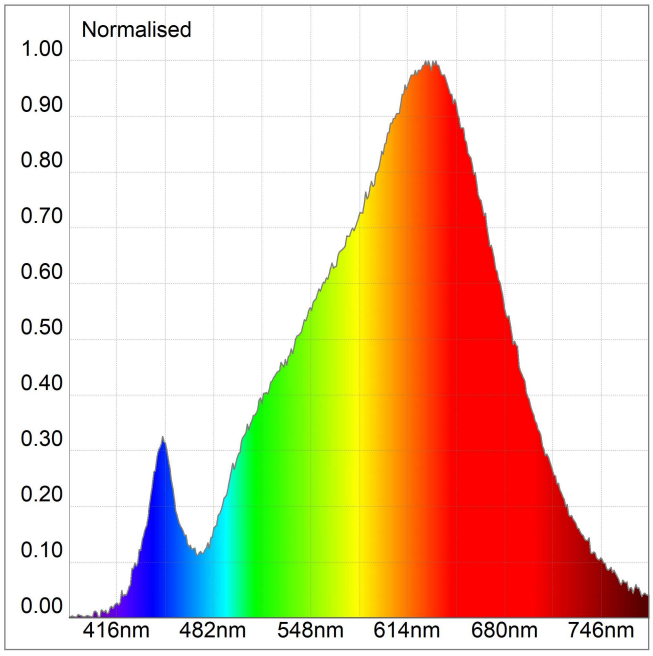
CRI8(Ra) [93.1]* CRI15(Rav) [90.7]*

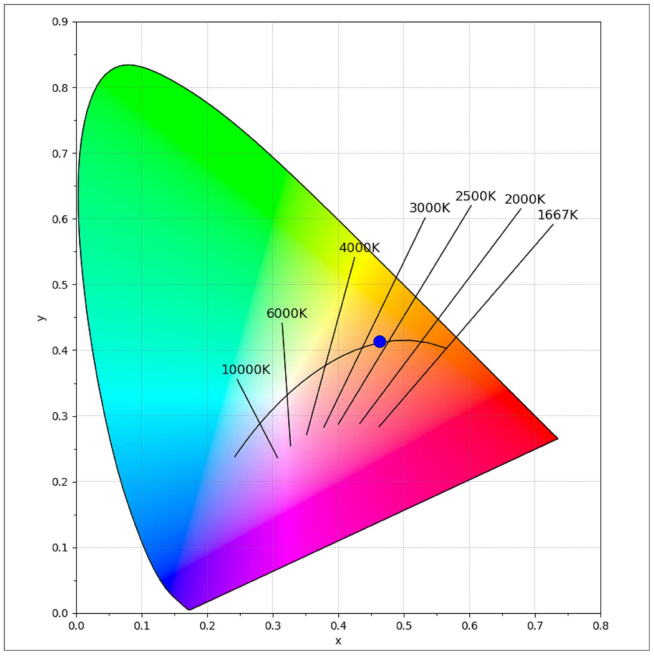
R 1: 93.3	R 2: 95.3	R 3: 95.9	R 4: 94.2	R 5: 92.9
R 6: 94.7	R 7: 93.5	R 8: 84.7	R 9: 65.1	R10: 88.4
R11: 95.5	R12: 87.1	R13: 93.6	R14: 96.9	R15: 89.9

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
383.0	0.000452	389.0	0.005500	395.0	0.003759
401.0	0.011724	407.0	0.009741	413.0	0.016293
419.0	0.048966	425.0	0.058448	431.0	0.122414
437.0	0.179310	443.0	0.286207	449.0	0.312931
455.0	0.213793	461.0	0.156034	467.0	0.121552
473.0	0.118966	479.0	0.124138	485.0	0.184483
491.0	0.221552	497.0	0.276724	503.0	0.327586
509.0	0.362931	515.0	0.384483	521.0	0.423276
527.0	0.443103	533.0	0.468966	539.0	0.506034
545.0	0.532759	551.0	0.569828	557.0	0.602586
563.0	0.637069	569.0	0.658621	575.0	0.685345
581.0	0.717241	587.0	0.751724	593.0	0.798276
599.0	0.850000	605.0	0.896552	611.0	0.939655
617.0	0.974138	623.0	0.982759	629.0	1.000000
635.0	0.991379	641.0	0.965517	647.0	0.931034
653.0	0.879310	659.0	0.812931	665.0	0.749138
671.0	0.666379	677.0	0.606897	683.0	0.537931
689.0	0.488793	695.0	0.425000	701.0	0.364655
707.0	0.308621	713.0	0.272414	719.0	0.229310
725.0	0.184483	731.0	0.160345	737.0	0.138793
743.0	0.116379	749.0	0.097414	755.0	0.080690
761.0	0.058793	767.0	0.053448	773.0	0.053879
779.0	0.040259				

Spectrum Graph

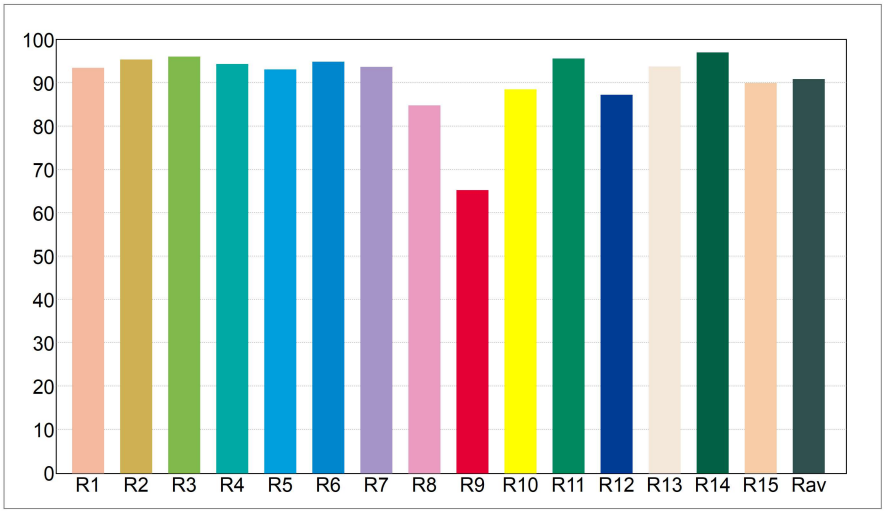


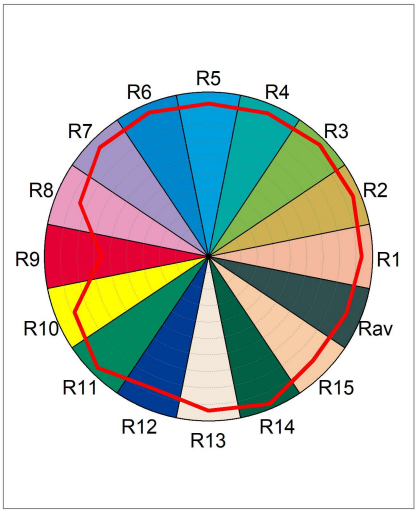


Luminaire
Code 2590120839U
Name DRIP S/01 BLACK EBONY-FROSTED GLASS
Measurem.
Code CL092A25D017GPE1
Name DRIP S/01 BLACK EBONY-FROSTED GLASS

Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

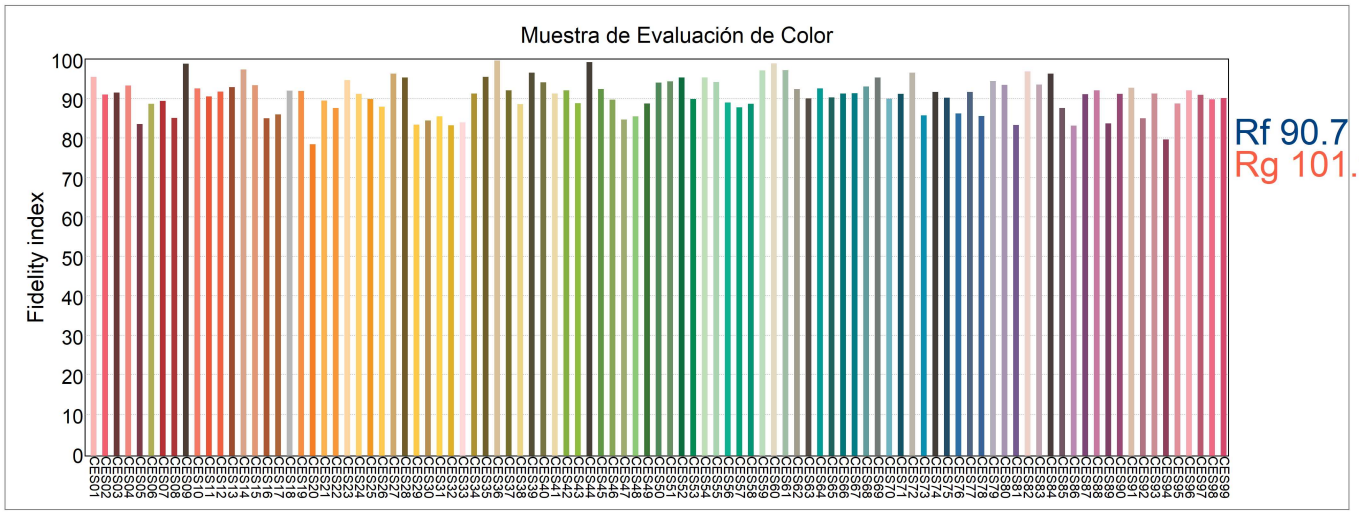
CRI Graphs



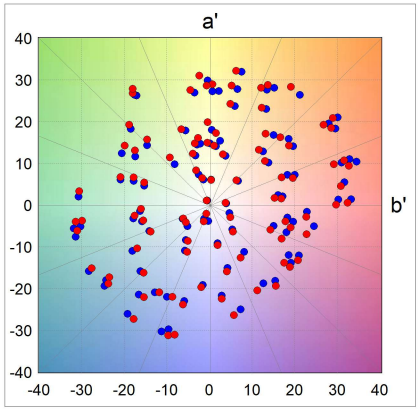


Luminaire
Code 2590120839U
Name DRIP S/01 BLACK EBONY-FROSTED GLASS
Measurem.
Code CL092A25D017GPE1
Name DRIP S/01 BLACK EBONY-FROSTED GLASS

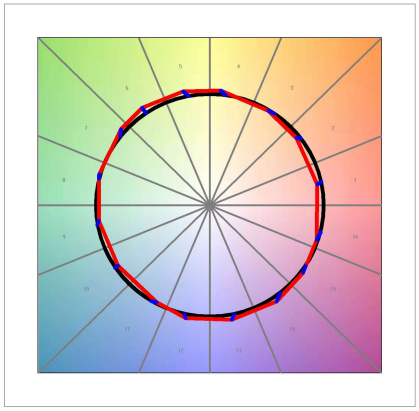
Luminaire Flux	264 lm	Luminaire Power	4.2 W	Efficacy	62.944 lm/W	Efficiency	100.00%
Source Flux	264 lm	Maximum value	312.36 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical



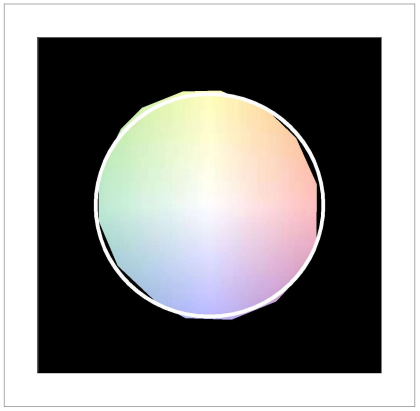
Chromatic Coordinates (a', b') 99 CES



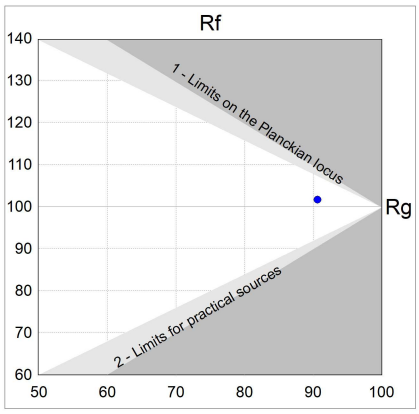
Color Vector Graphic



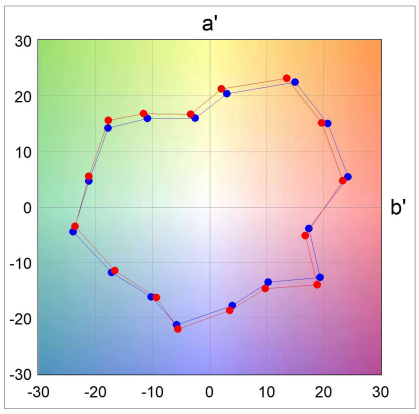
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

