Luminaire

Code	124W01O27056xxx
Name	FLAT A/01
Line	

Measurement

Code	CL092A26D001GP
Name	CL092A26D001GP

Source Data

Code	XPGEWT-H1-0000-00000UB8E, 2700K	Correlated Color Temperature (CCT)	2747K	Q.ty	1
Name	Cree XPG4	Color rendering index (CRI)	92		
Line					

Measurement Data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	22-07-2026	Maximum Gamma Angle	90°
Measurement Distance	6.49m	Measurement Flux	149.3 lm
Maximum	1558.04 cd/klm	Position	C=0.0° G=0.0°

Electrical Parameters

Channel 1		Channel 2	
Voltage	230.39 V	Voltage	0.00 V
Current	0.03 A	Current	0.00 A
Power	3.16 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.48	Power Factor	0.00

Environmental Parameters

Temperature	25.0 °C	Air Speed	0.0 m/s
Humidity	47.5 %		

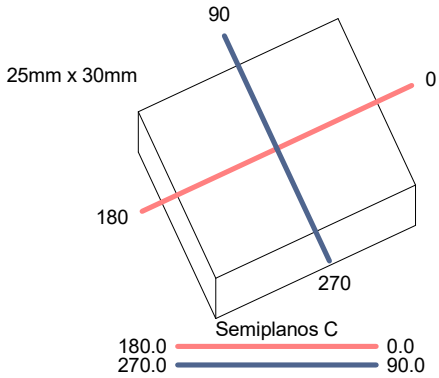
Luminaire Dimensions

Rectangular Luminaire	Length	25 mm	Width	30 mm	Height	130 mm
Round Luminous Area	Diam.	10 mm	Height	0 mm		

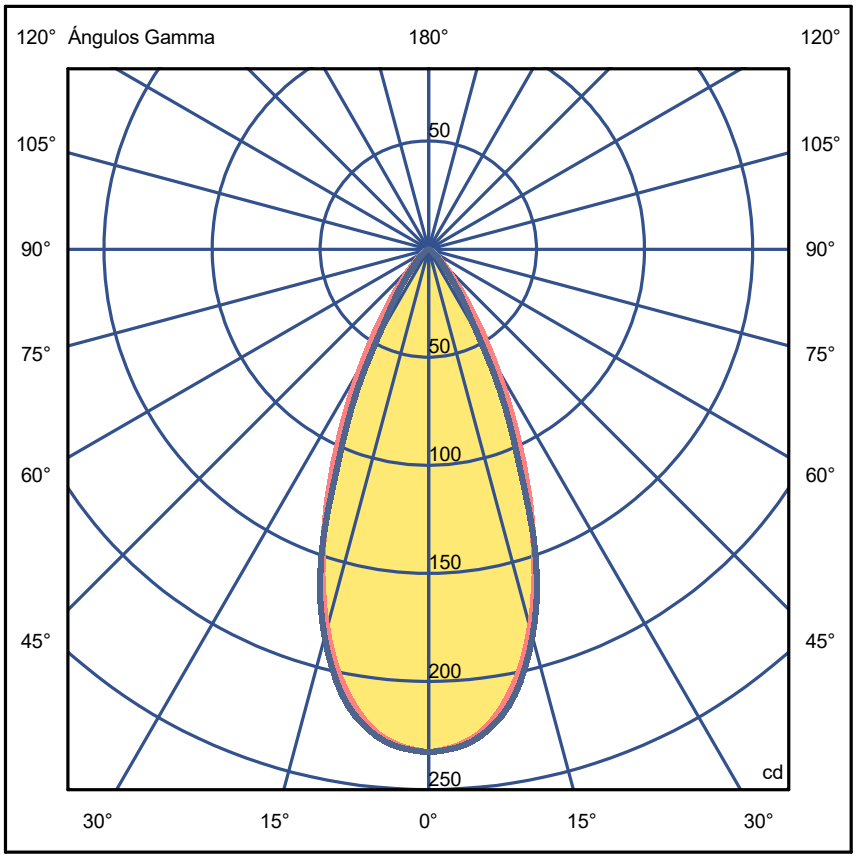
Horizontal Luminous Area	0.000079 m2	Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.000019 m2

Photometric Assessment

Luminaire Flux	149.3 lm	Source Flux	149.3 lm
Efficacy	47.244 lm/W	Efficiency	100.0 %
CIE Flux Codes	94 99 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire
Code 124W01O27056xxx
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Measurement
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Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

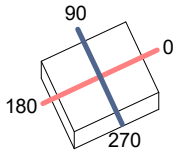
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	233	233	233	233	233	233	233
G 2.5	231	231	232	231	232	232	231
G 5.0	227	227	227	227	228	229	229
G 7.5	221	220	220	221	222	223	223
G 10.0	210	210	211	212	213	214	214
G 12.5	197	197	198	199	201	202	202
G 15.0	181	181	182	183	185	186	186
G 17.5	163	163	164	165	167	167	167
G 20.0	142	142	143	145	146	144	142
G 22.5	121	121	123	124	124	116	112
G 25.0	99	100	103	104	98	91	89
G 27.5	80	81	84	85	77	71	67
G 30.0	63	64	67	66	60	49	46
G 32.5	48	49	53	51	42	34	33
G 35.0	36	37	40	40	28	25	25
G 37.5	26	28	30	28	21	19	18
G 40.0	19	20	23	18	15	14	13
G 42.5	14	15	17	12	12	10	9
G 45.0	10	11	12	9	8	7	7
G 47.5	7	8	8	7	6	5	5
G 50.0	5	6	5	5	5	4	3
G 52.5	4	4	3	4	3	3	2
G 55.0	3	3	2	2	2	2	2
G 57.5	2	2	2	2	2	1	1
G 60.0	1	1	1	1	1	1	1
G 62.5	1	1	1	1	1	1	1
G 65.0	0	0	0	0	0	0	0
G 67.5	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0
G 72.5	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0
G 77.5	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0
G 82.5	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0
G 87.5	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0

Luminaire
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Name FLAT A/01
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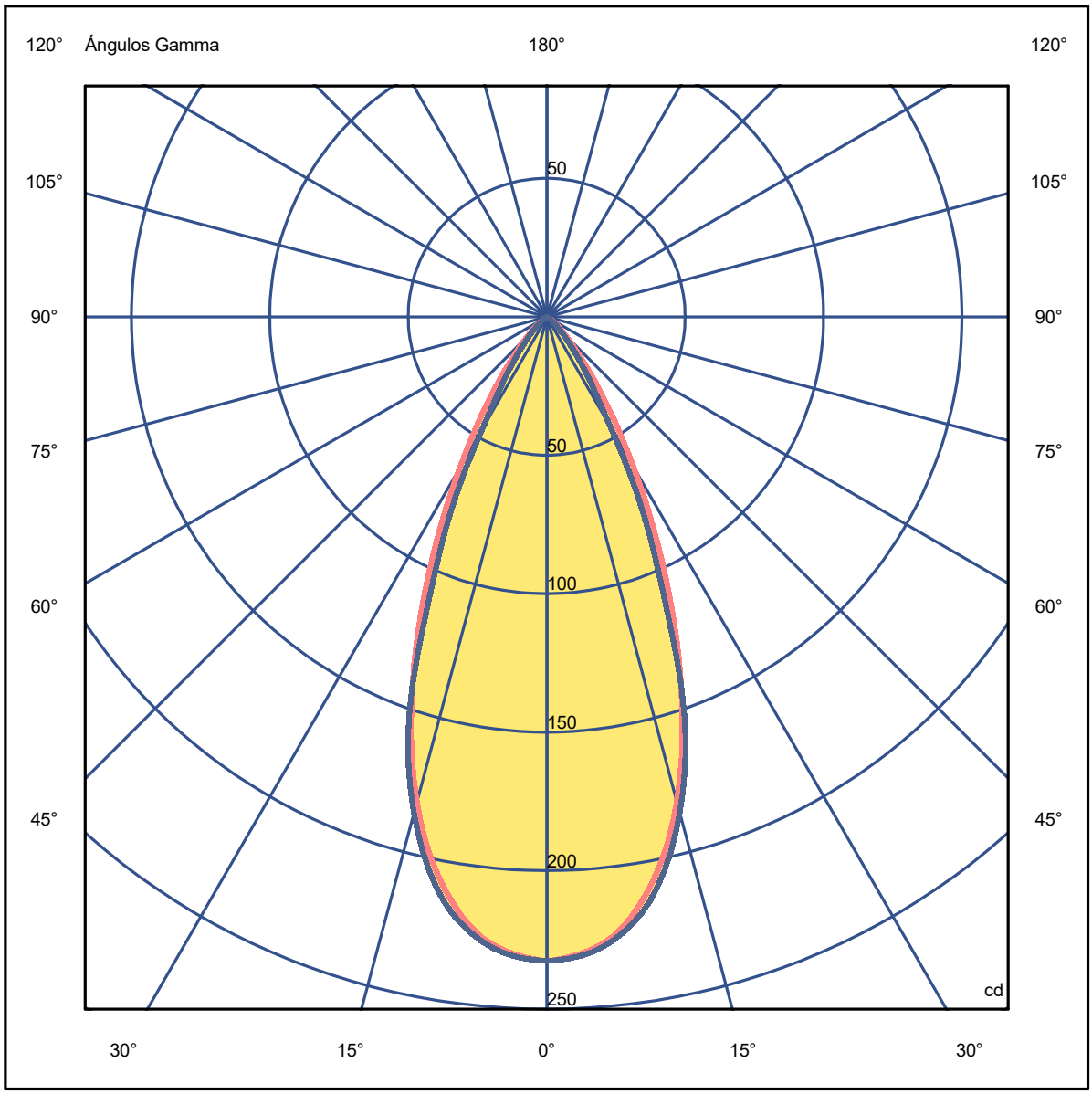
Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

25mm x 30mm



Semiplanos C





Luminaire
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Name CL092A26D001GP

Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 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	25.5	26.2	25.8	26.4	26.6	23.2	23.9	23.5	24.1	24.3
x=2H y=3H	25.4	26.0	25.7	26.3	26.5	23.1	23.8	23.4	24.0	24.2
x=2H y=4H	25.3	25.9	25.6	26.2	26.4	23.1	23.7	23.4	23.9	24.2
x=2H y=6H	25.2	25.8	25.6	26.1	26.4	23.0	23.5	23.3	23.8	24.1
x=2H y=8H	25.2	25.7	25.6	26.0	26.3	23.0	23.5	23.3	23.8	24.1
x=2H y=12H	25.2	25.7	25.5	26.0	26.3	22.9	23.4	23.3	23.7	24.0
x=4H y=2H	25.3	25.9	25.6	26.2	26.4	23.1	23.7	23.4	23.9	24.2
x=4H y=3H	25.2	25.7	25.6	26.0	26.3	23.0	23.5	23.3	23.8	24.1
x=4H y=4H	25.2	25.6	25.5	25.9	26.3	22.9	23.4	23.3	23.7	24.0
x=4H y=6H	25.1	25.4	25.5	25.8	26.2	22.9	23.2	23.3	23.6	24.0
x=4H y=8H	25.0	25.4	25.5	25.7	26.1	22.8	23.1	23.2	23.5	23.9
x=4H y=12H	25.0	25.3	25.4	25.7	26.1	22.8	23.1	23.2	23.5	23.9
x=8H y=4H	25.0	25.4	25.4	25.7	26.1	22.8	23.1	23.2	23.5	23.9
x=8H y=6H	25.0	25.2	25.4	25.6	26.1	22.7	23.0	23.2	23.4	23.8
x=8H y=8H	24.9	25.1	25.4	25.6	26.0	22.7	22.9	23.2	23.3	23.8
x=8H y=12H	24.9	25.0	25.4	25.5	26.0	22.7	22.8	23.1	23.3	23.8
x=12H y=4H	25.0	25.3	25.4	25.7	26.1	22.8	23.1	23.2	23.5	23.9
x=12H y=6H	24.9	25.1	25.4	25.6	26.0	22.7	22.9	23.2	23.3	23.8
x=12H y=8H	24.9	25.0	25.4	25.5	26.0	22.6	22.8	23.1	23.3	23.8

Luminaire
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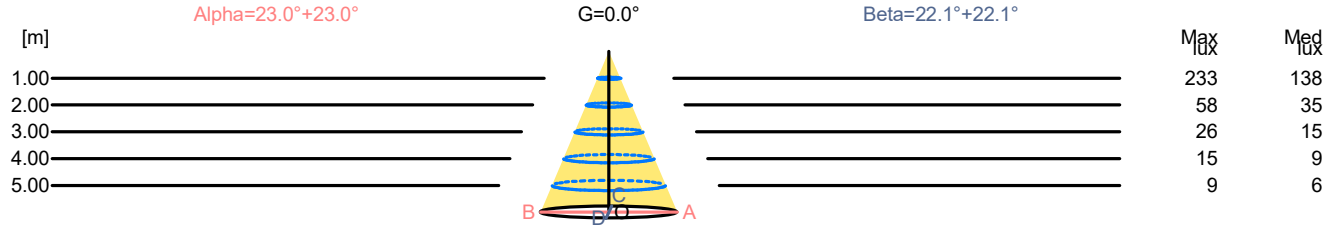
Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.42	0.85	1.27	1.70	2.12	OC	0.41	0.81	1.22	1.63	2.03
OB	0.42	0.85	1.27	1.70	2.12	OD	0.41	0.81	1.22	1.63	2.03

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	232.61	227.43	181.25	99.44	35.85	9.97	2.71	0.51	0.11	0.02
OB	232.61	227.43	181.25	99.44	35.85	9.97	2.71	0.51	0.11	0.02
OC	232.61	228.58	185.50	88.95	24.89	6.71	1.88	0.49	0.15	0.03
OD	232.61	228.58	185.50	88.95	24.89	6.71	1.88	0.49	0.15	0.03



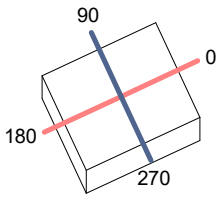
H[m]	D[m]	Max lux	Med lux	Alpha=23.0°+23.0° G=0.0
1.00	0.85	233	138	
2.00	1.70	58	35	
3.00	2.55	26	15	
4.00	3.40	15	9	
5.00	4.24	9	6	

H[m]	D[m]	Max lux	Med lux	Beta=22.1°+22.1° G=0.0
1.00	0.81	233	138	
2.00	1.63	58	35	
3.00	2.44	26	15	
4.00	3.25	15	9	
5.00	4.07	9	6	

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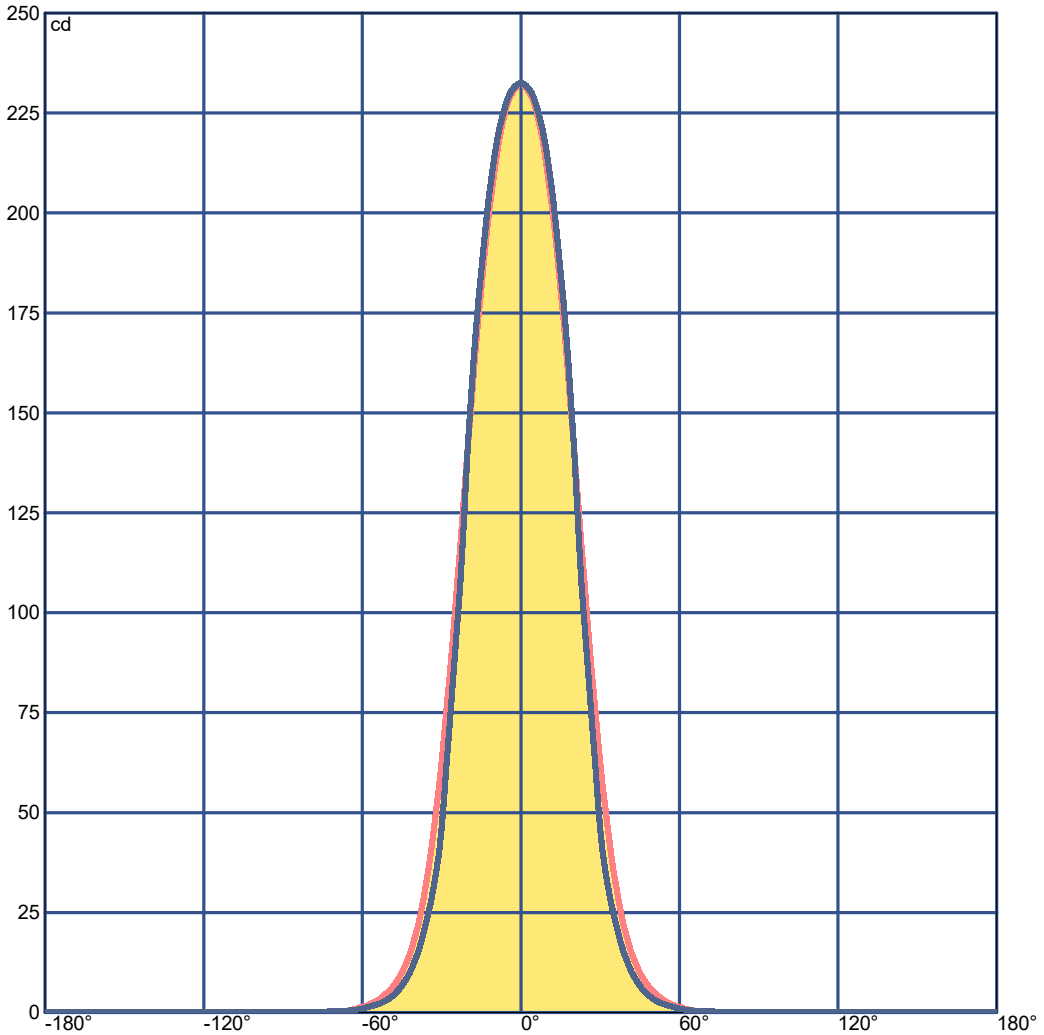
Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

25mm x 30mm



Semiplanos C

180.0 0.0
270.0 90.0



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Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=149.29 Flujo Luminaria=149.29

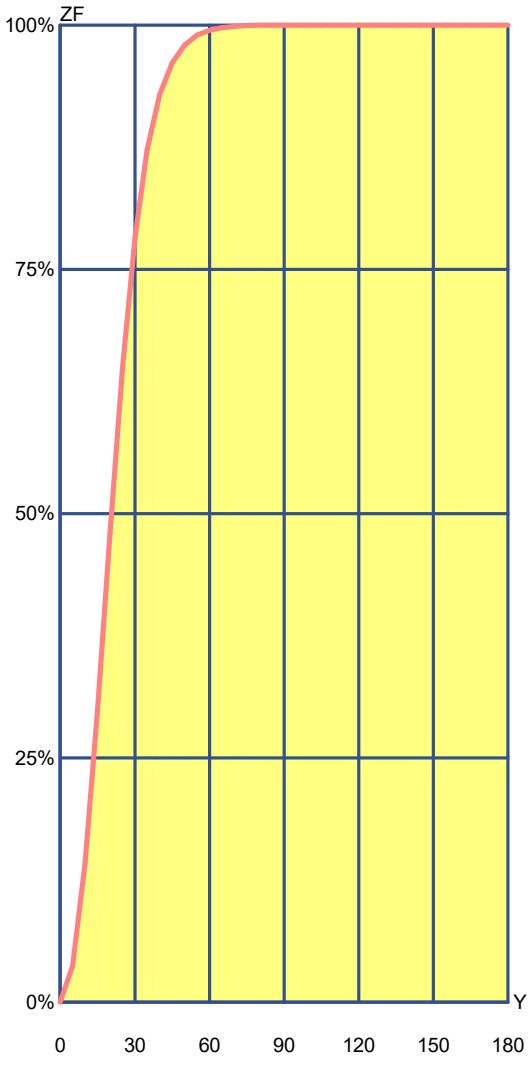
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.69	0.74	0.79	0.83	0.86	0.91	0.94	0.96	0.98	0.99	1.01	1.02
RC	-	-	-	-	-	-	-	-	-	-	-	-

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	142	480	782	929	980	995	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
94 99 100 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A60	ULOR	0.00000 %
F UTE	1.00 A	DLOR	100.00000 %
B NBN	BZ 1	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



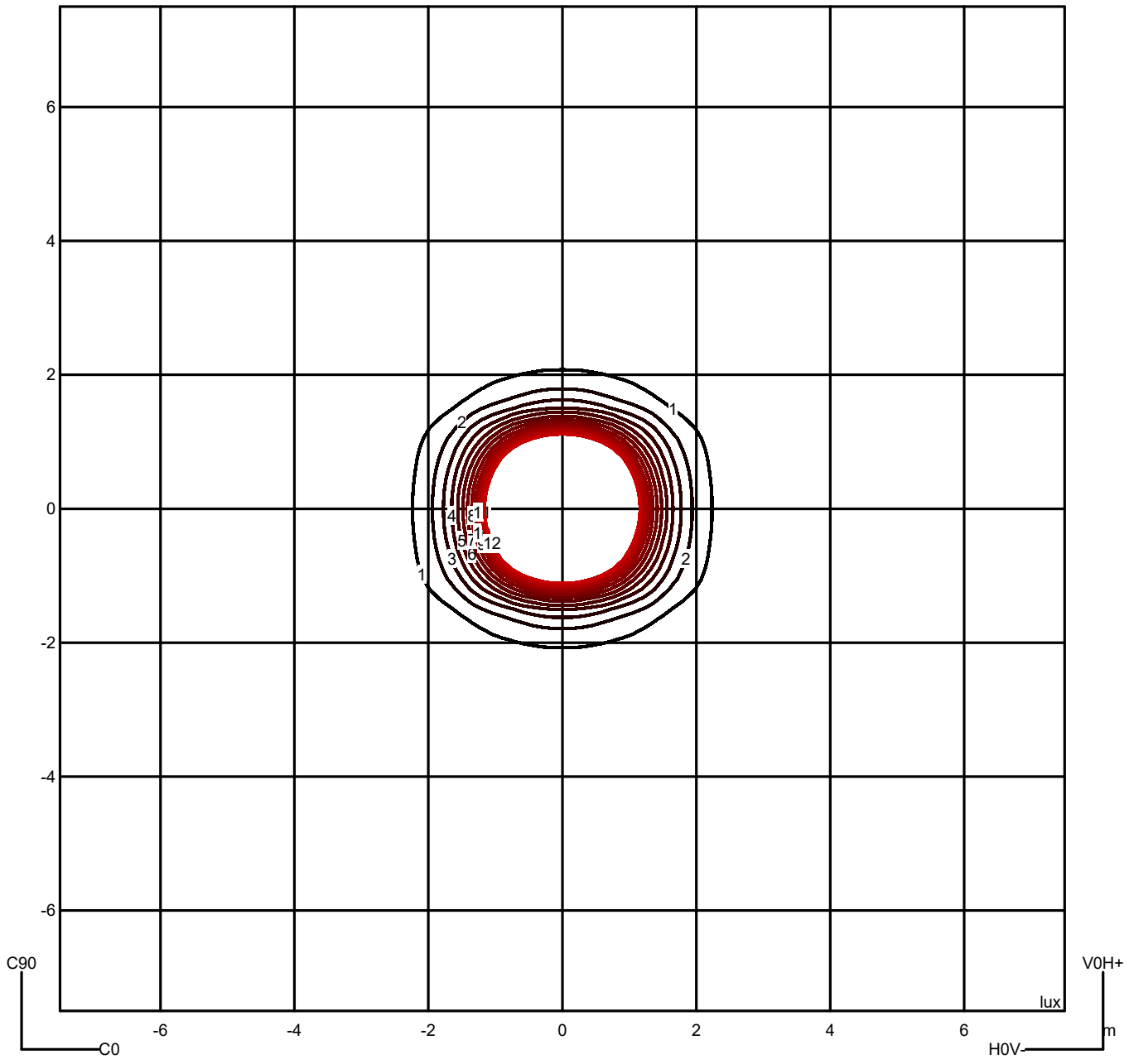
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	36.87	36.87	3.69 %	3.69 %
10°	105.48	142.35	10.55 %	14.24 %
15°	157.25	299.61	15.73 %	29.96 %
20°	180.64	480.25	18.06 %	48.02 %
25°	169.01	649.26	16.90 %	64.93 %
30°	133.23	782.49	13.32 %	78.25 %
35°	90.23	872.72	9.02 %	87.27 %
40°	55.96	928.68	5.60 %	92.87 %
45°	32.52	961.20	3.25 %	96.12 %
50°	18.55	979.75	1.85 %	97.97 %
55°	9.87	989.62	0.99 %	98.96 %
60°	5.16	994.78	0.52 %	99.48 %
65°	2.60	997.39	0.26 %	99.74 %
70°	1.35	998.73	0.13 %	99.87 %
75°	0.74	999.47	0.07 %	99.95 %
80°	0.33	999.80	0.03 %	99.98 %
85°	0.14	999.94	0.01 %	99.99 %
90°	0.06	1000.00	0.01 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 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	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.458836	y =0.414816
CIE1960	u =0.259960	v =0.352529
CIE1976	u'=0.259960	v'=0.528793
D(u,v)	0.00164	

Color rendering index (CRI)
Color Rendering Components

CCT = [2747 K]*

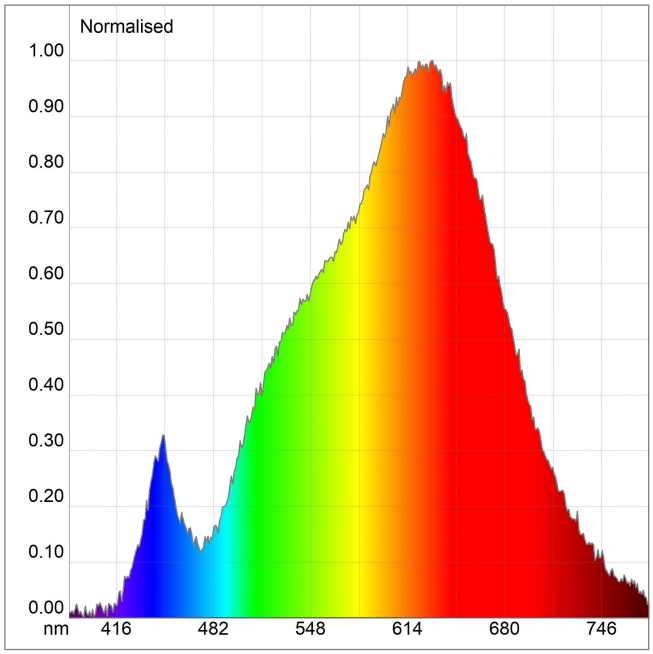
CRI8(Ra) [92.2]* CRI15(Rav) [89.4]*

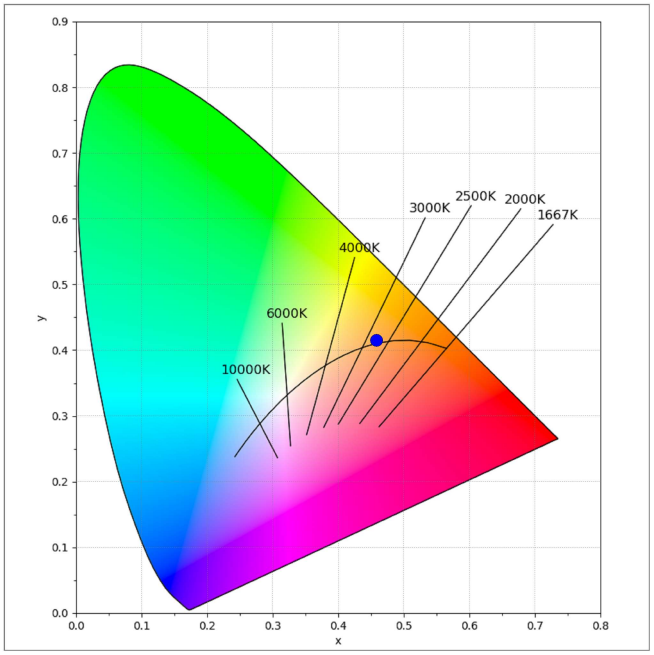
R 1: 92.9	R 2: 93.9	R 3: 93.5	R 4: 94.1	R 5: 92.0
R 6: 92.6	R 7: 94.0	R 8: 84.9	R 9: 63.6	R10: 84.8
R11: 95.1	R12: 82.2	R13: 92.9	R14: 95.4	R15: 89.2

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
383.0	0.006885	389.0	0.015352	395.0	0.007818
401.0	0.006873	407.0	0.007891	413.0	0.010242
419.0	0.029212	425.0	0.084121	431.0	0.127273
437.0	0.192727	443.0	0.286061	449.0	0.306667
455.0	0.215758	461.0	0.176970	467.0	0.149091
473.0	0.116848	479.0	0.133333	485.0	0.151515
491.0	0.207273	497.0	0.270303	503.0	0.326061
509.0	0.378182	515.0	0.397576	521.0	0.448485
527.0	0.495758	533.0	0.518788	539.0	0.551515
545.0	0.569697	551.0	0.607273	557.0	0.619394
563.0	0.647273	569.0	0.670303	575.0	0.698182
581.0	0.727273	587.0	0.776970	593.0	0.810909
599.0	0.863030	605.0	0.922424	611.0	0.945455
617.0	0.980606	623.0	0.998788	629.0	0.978182
635.0	0.984242	641.0	0.943030	647.0	0.906667
653.0	0.864242	659.0	0.803636	665.0	0.751515
671.0	0.675152	677.0	0.613333	683.0	0.547879
689.0	0.470303	695.0	0.425455	701.0	0.360000
707.0	0.300606	713.0	0.266667	719.0	0.226667
725.0	0.195152	731.0	0.191515	737.0	0.133333
743.0	0.103030	749.0	0.106182	755.0	0.087879
761.0	0.070061	767.0	0.057455	773.0	0.044000
779.0	0.023636				

Spectrum Graph

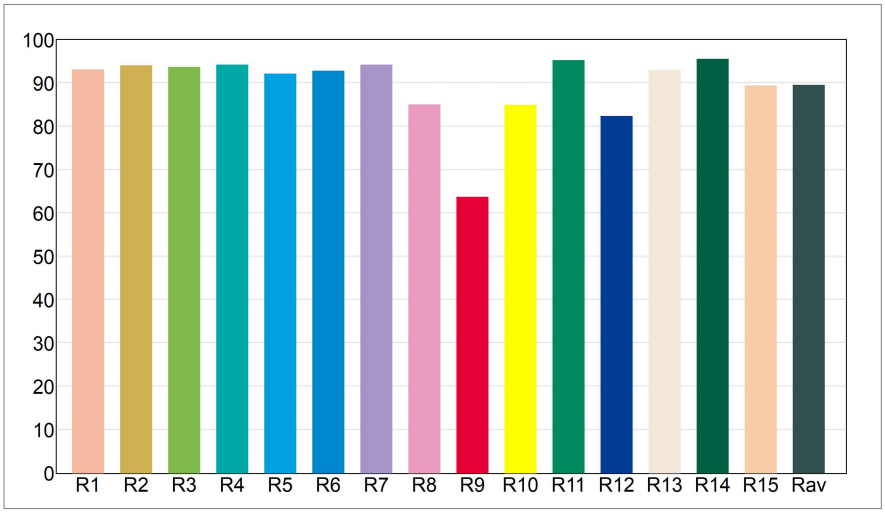


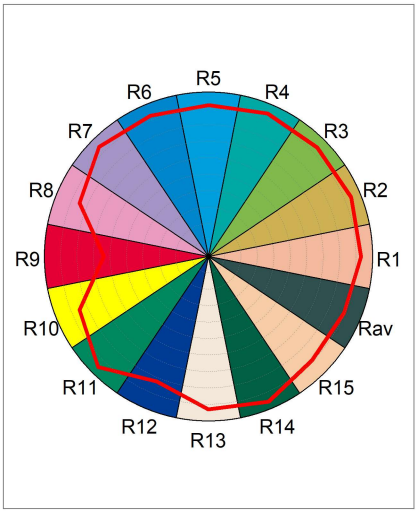


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Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
Source Flux	149 lm	Maximum value	232.61 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

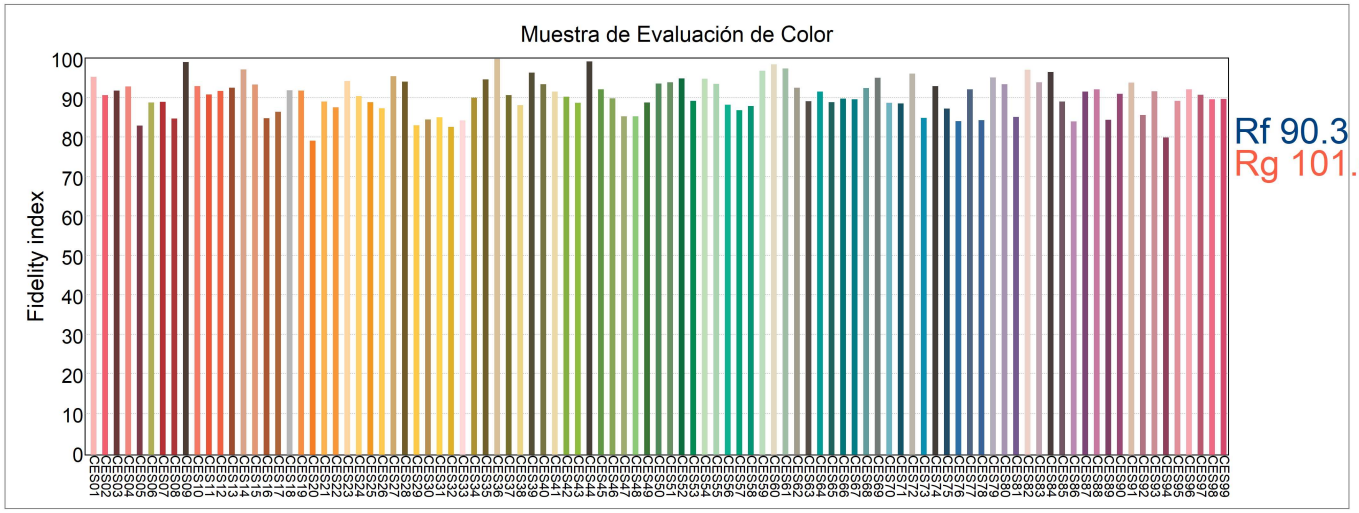
CRI Graphs



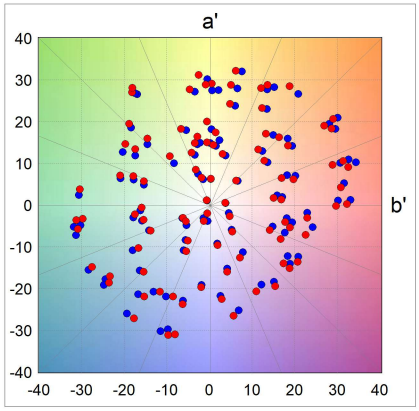


Luminaire
Code 124W01O27056xxx
Name FLAT A/01
Measurement
Code CL092A26D001GP
Name CL092A26D001GP

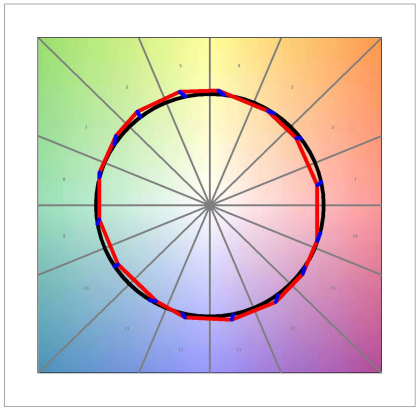
Luminaire Flux	149 lm	Luminaire Power	3.2 W	Efficacy	47.244 lm/W	Efficiency	100.00%
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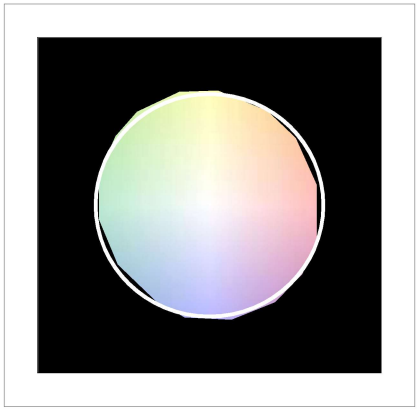
Chromatic Coordinates (a', b') 99 CES



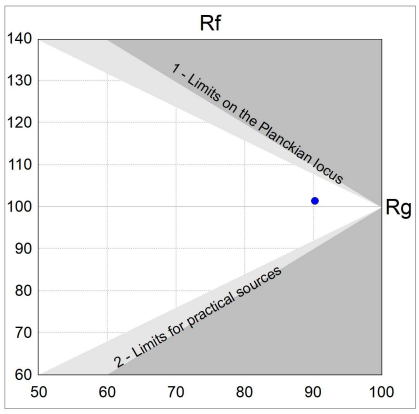
Color Vector Graphic



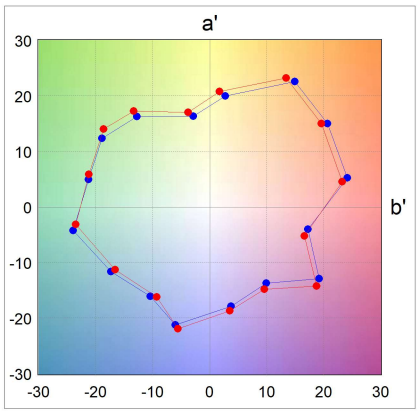
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

