Luminaire

Code	12601039xxx
Name	ARID A/01 3500
Line	

Measurem.

Code	CL092A25D011GP
Name	ARID A/01 3500

Source Data

Code	2200K CRI90 3-step JB2835BWT-G-U30EA0000 (20x) 2700K CRI90 3-step JB2835BWT-G-U30EA0000 (20x) Codigo 918.188	Correlated Color Temperature (CCT)	3000K
Name	Cree	Color rendering index (CRI)	94
Line			

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	22-04-2025	Maximum Gamma Angle	90°
Measurement Distance	6.49m	Measurement Flux	913.3 lm
Maximum	454.71 cd/klm	Position	C=0.0° G=0.0°
Remarks	RM25041101		

Electrical Parameters

Channel 1		Channel 2	
Voltage	230.40 V	Voltage	0.00 V
Current	0.05 A	Current	0.00 A
Power	11.21 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.94	Power Factor	0.00

Environmental Parameters

Temperature	24.4 °C	Air Speed	0.0 m/s
Humidity	38.8 %		

Luminaire Dimensions

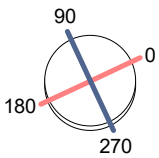
Round Luminaire	Diam.	140 mm	Height	20 mm	
Round Luminous Area	Diam.	130 mm	Height	0 mm	
Horizontal Luminous Area		0.013273 m2	Emitting area on Plane 180°		0.000000 m2
Emitting area on Plane 0°		0.000000 m2	Emitting area on Plane 270°		0.000000 m2
Emitting area on Plane 90°		0.000000 m2	Glare area at 76°		0.003211 m2

Photometric Assessment

Luminaire Flux	913.3 lm	Source Flux	913.3 lm
Efficacy	81.496 lm/W	Efficiency	100.0 %
CIE Flux Codes	49 79 95 100 100	D DIN 5040	A30
F UTE	1.00 E	B NBN	BZ 4

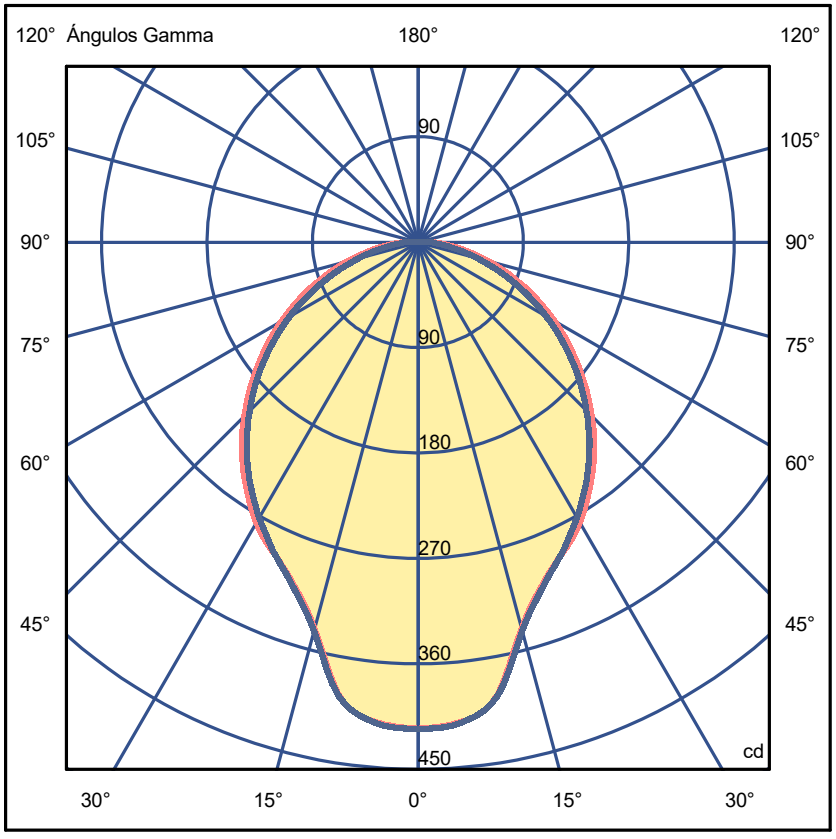


Diam=140mm





ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire
Code 12601039xxx
Name ARID A/01 3500
Measurem.
Code CL092A25D011GP
Name ARID A/01 3500

Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

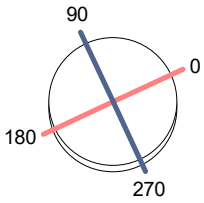
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	415	415	415	415	415	415	415
G 2.5	414	414	414	414	415	415	415
G 5.0	411	411	411	411	411	412	412
G 7.5	406	406	405	405	405	405	406
G 10.0	392	393	392	392	392	393	393
G 12.5	366	366	367	368	369	369	368
G 15.0	342	342	343	345	345	344	343
G 17.5	324	325	327	327	328	327	326
G 20.0	311	312	314	314	314	314	312
G 22.5	300	301	302	302	303	303	301
G 25.0	292	291	291	292	292	293	292
G 27.5	285	282	281	282	282	283	281
G 30.0	276	272	270	272	272	273	271
G 32.5	266	263	260	261	262	263	261
G 35.0	256	254	250	250	251	252	250
G 37.5	245	243	238	238	240	240	239
G 40.0	234	233	227	226	228	229	228
G 42.5	222	221	215	213	216	217	215
G 45.0	210	209	204	201	204	205	203
G 47.5	197	196	192	189	191	192	191
G 50.0	185	184	180	176	178	179	179
G 52.5	172	171	168	164	165	167	165
G 55.0	160	159	155	151	152	154	152
G 57.5	147	146	143	139	139	141	139
G 60.0	134	133	130	127	126	127	126
G 62.5	122	121	118	115	113	114	113
G 65.0	109	108	106	102	101	101	100
G 67.5	97	96	94	91	88	89	87
G 70.0	85	84	81	79	77	77	75
G 72.5	73	72	70	67	65	65	63
G 75.0	62	61	59	57	54	54	52
G 77.5	51	51	49	47	44	43	42
G 80.0	41	41	40	38	35	34	33
G 82.5	32	32	31	30	27	26	25
G 85.0	24	25	24	23	21	19	18
G 87.5	18	19	19	18	16	15	14
G 90.0	14	15	15	14	13	12	11

Luminaire
Code 12601039xxx
Name ARID A/01 3500
Measurem.
Code CL092A25D011GP
Name ARID A/01 3500

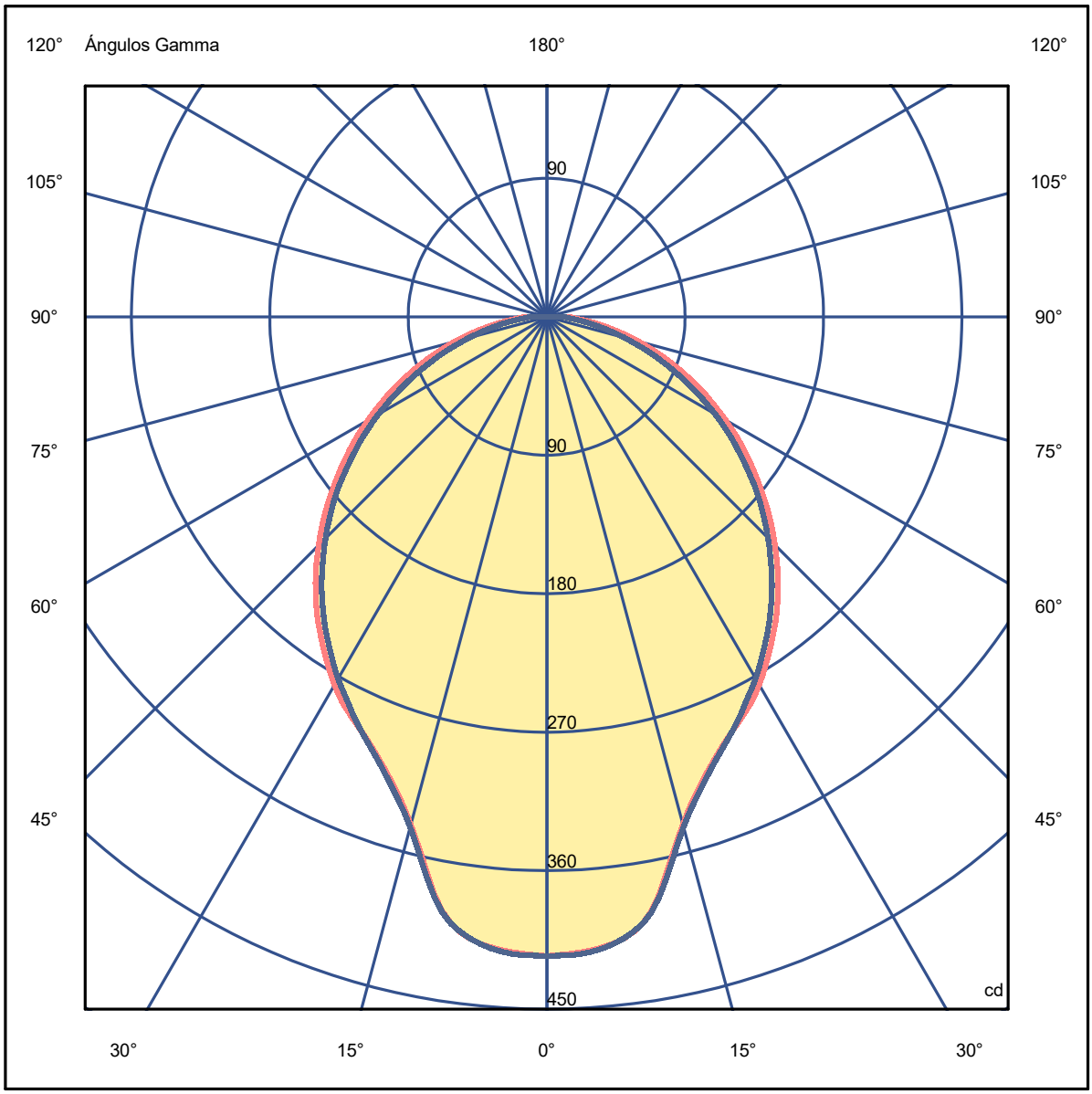
Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=140mm



Semiplanos C

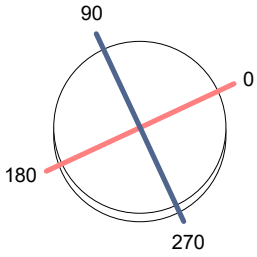




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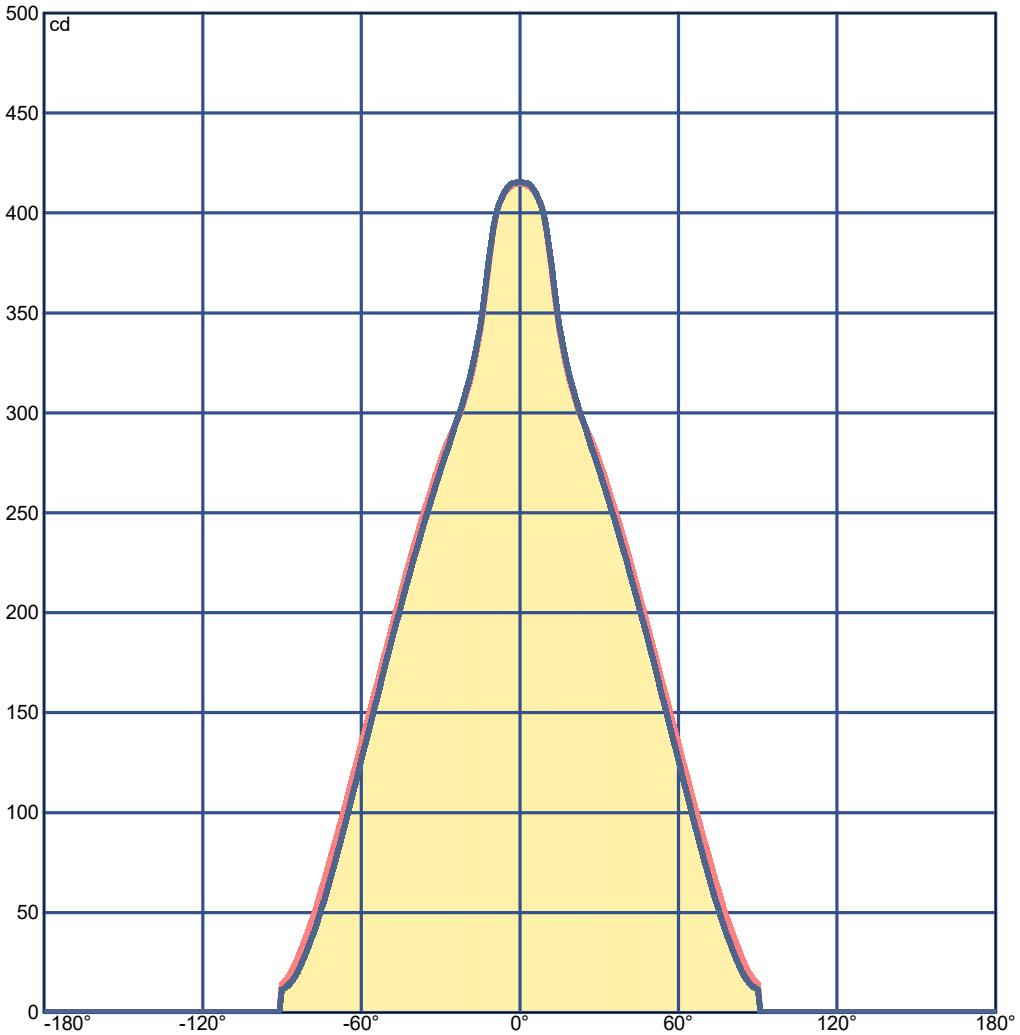
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Diam=140mm



Semiplanos C





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Measurem.
Code CL092A25D011GP
Name ARID A/01 3500

Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 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	23.0	24.3	23.3	24.6	24.8	22.8	24.1	23.1	24.3	24.6
x=2H y=3H	24.6	25.8	24.9	26.1	26.3	24.2	25.4	24.6	25.7	26.0
x=2H y=4H	25.3	26.4	25.6	26.7	27.0	24.8	25.9	25.2	26.2	26.5
x=2H y=6H	25.9	26.9	26.2	27.2	27.5	25.3	26.3	25.6	26.6	26.9
x=2H y=8H	26.1	27.1	26.5	27.4	27.7	25.4	26.4	25.8	26.7	27.1
x=2H y=12H	26.3	27.3	26.7	27.6	27.9	25.6	26.5	25.9	26.8	27.2
x=4H y=2H	23.6	24.8	24.0	25.0	25.3	23.5	24.6	23.8	24.8	25.1
x=4H y=3H	25.4	26.4	25.8	26.7	27.0	25.1	26.0	25.5	26.4	26.7
x=4H y=4H	26.3	27.1	26.7	27.5	27.8	25.8	26.6	26.2	27.0	27.4
x=4H y=6H	27.0	27.7	27.4	28.1	28.5	26.4	27.1	26.8	27.5	27.9
x=4H y=8H	27.3	28.0	27.7	28.4	28.8	26.6	27.3	27.0	27.7	28.1
x=4H y=12H	27.6	28.2	28.1	28.6	29.1	26.8	27.4	27.3	27.9	28.3
x=8H y=4H	26.5	27.2	27.0	27.6	28.0	26.1	26.8	26.6	27.2	27.6
x=8H y=6H	27.4	28.0	27.9	28.4	28.9	26.9	27.4	27.3	27.9	28.3
x=8H y=8H	27.9	28.4	28.4	28.8	29.3	27.2	27.7	27.7	28.2	28.6
x=8H y=12H	28.3	28.7	28.8	29.2	29.7	27.5	28.0	28.0	28.4	28.9
x=12H y=4H	26.6	27.2	27.0	27.6	28.0	26.2	26.8	26.6	27.2	27.6
x=12H y=6H	27.5	28.0	28.0	28.5	28.9	27.0	27.5	27.5	27.9	28.4
x=12H y=8H	28.0	28.4	28.5	28.9	29.4	27.4	27.8	27.9	28.3	28.8

Luminaire
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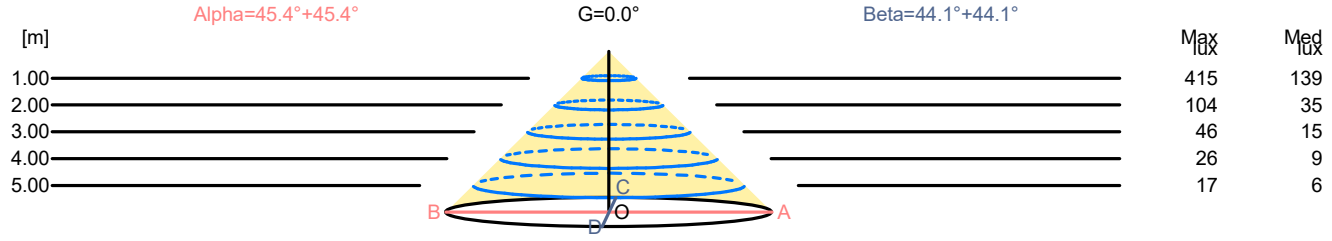
Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.01	2.03	3.04	4.06	5.07	OC	0.97	1.94	2.91	3.88	4.85
OB	1.01	2.03	3.04	4.06	5.07	OD	0.97	1.94	2.91	3.88	4.85

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	415.30	411.39	341.57	292.22	255.54	209.60	159.51	109.18	61.70	24.30
OB	415.30	411.39	341.57	292.22	255.54	209.60	159.51	109.18	61.70	24.30
OC	415.30	412.07	343.38	291.67	250.21	203.27	152.36	99.89	52.13	18.14
OD	415.30	412.07	343.38	291.67	250.21	203.27	152.36	99.89	52.13	18.14



H[m]	D[m]	Max lux	Med lux	Alpha=45.4°+45.4° G=0.0
1.00	2.03	415	139	
2.00	4.06	104	35	
3.00	6.08	46	15	
4.00	8.11	26	9	
5.00	10.14	17	6	

H[m]	D[m]	Max lux	Med lux	Beta=44.1°+44.1° G=0.0
1.00	1.94	415	139	
2.00	3.88	104	35	
3.00	5.81	46	15	
4.00	7.75	26	9	
5.00	9.69	17	6	

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Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=913.32 Flujo Luminaria=913.32

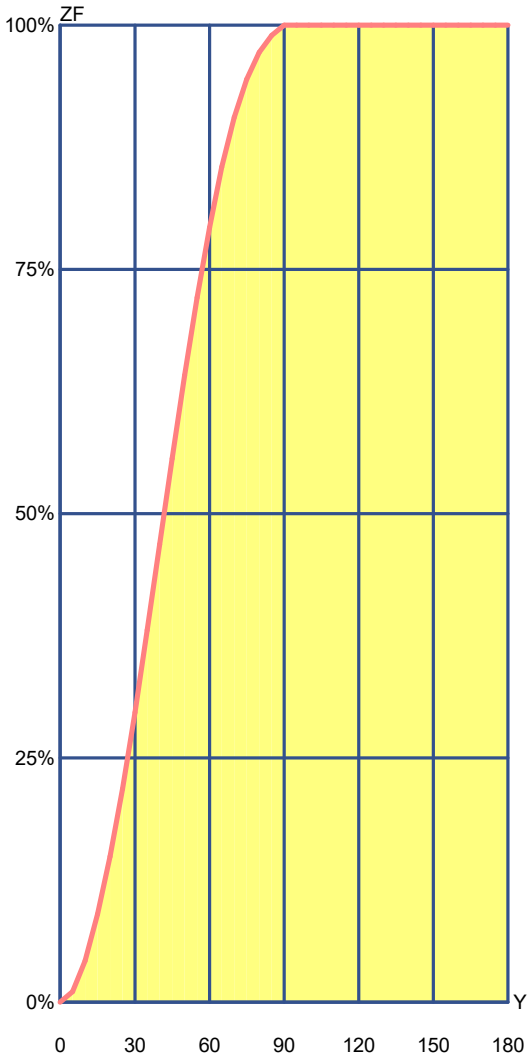
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.32	0.41	0.48	0.55	0.60	0.69	0.74	0.78	0.83	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

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)	42	149	296	469	641	793	906	972	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
49 79 95 100 100

C.I.E.	5	LOR	100.00000 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	100.00000 %
B NBN	BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



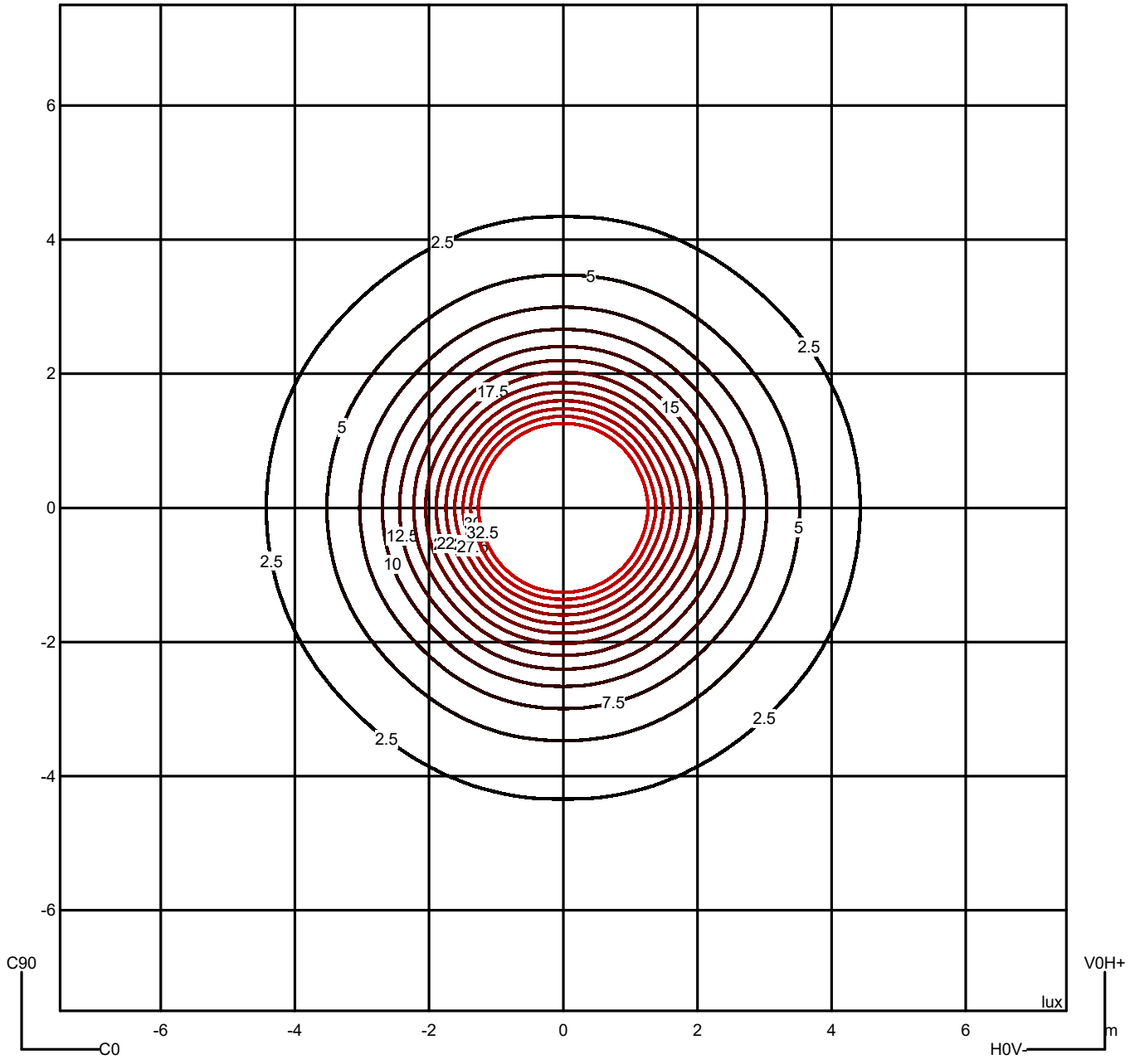
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.82	10.82	1.08 %	1.08 %
10°	31.56	42.38	3.16 %	4.24 %
15°	47.63	90.01	4.76 %	9.00 %
20°	59.00	149.01	5.90 %	14.90 %
25°	69.35	218.36	6.93 %	21.84 %
30°	78.10	296.46	7.81 %	29.65 %
35°	84.36	380.82	8.44 %	38.08 %
40°	87.70	468.52	8.77 %	46.85 %
45°	87.85	556.37	8.79 %	55.64 %
50°	85.09	641.46	8.51 %	64.15 %
55°	79.59	721.05	7.96 %	72.10 %
60°	71.75	792.80	7.17 %	79.28 %
65°	61.93	854.73	6.19 %	85.47 %
70°	50.77	905.50	5.08 %	90.55 %
75°	38.97	944.48	3.90 %	94.45 %
80°	27.52	971.99	2.75 %	97.20 %
85°	17.57	989.56	1.76 %	98.96 %
90°	10.44	1000.00	1.04 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 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	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.409498	y =0.391956	
CIE1960	u =0.237926	v =0.341600	
CIE1976	u'=0.237926	v'=0.512400	
D(u,v)	0.00035		

Color rendering index (CRI)
Color Rendering Components

CCT = [3420 K]*

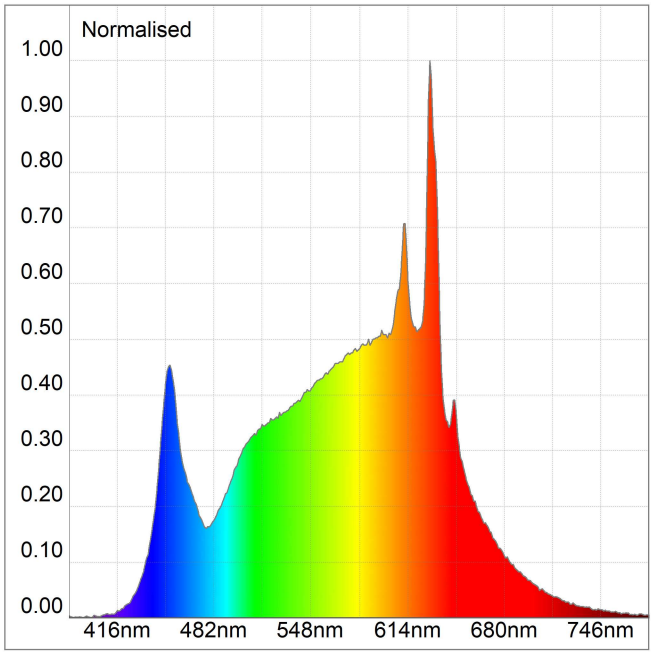
CRI8(Ra) [94.1]* CRI15(Rav) [91.3]*

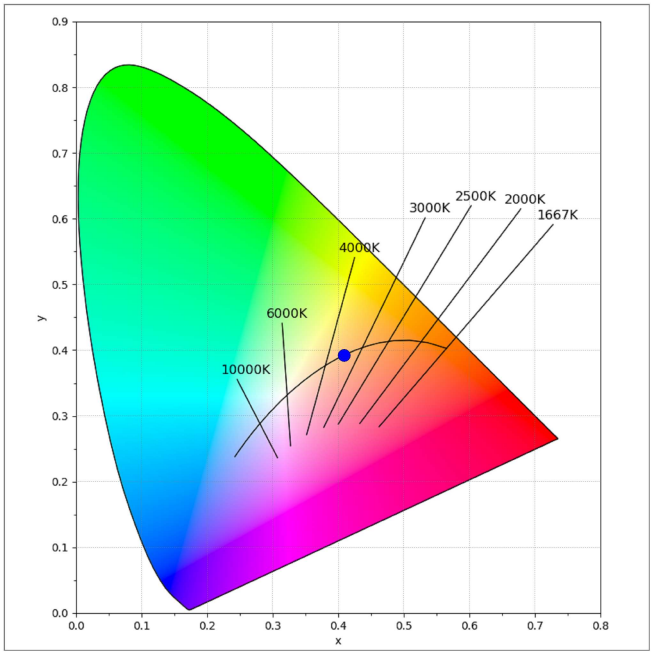
R 1: 95.1	R 2: 97.3	R 3: 97.9	R 4: 95.1	R 5: 94.7
R 6: 95.8	R 7: 92.7	R 8: 84.5	R 9: 62.8	R10: 92.2
R11: 96.3	R12: 79.8	R13: 95.7	R14: 98.1	R15: 91.3

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
383.0	0.003306	389.0	0.000754	395.0	0.003033
401.0	0.002923	407.0	0.004617	413.0	0.005956
419.0	0.016503	425.0	0.028415	431.0	0.061202
437.0	0.112568	443.0	0.227596	449.0	0.420765
455.0	0.412568	461.0	0.273224	467.0	0.224317
473.0	0.179235	479.0	0.163115	485.0	0.192623
491.0	0.224317	497.0	0.269945	503.0	0.306011
509.0	0.327869	515.0	0.346995	521.0	0.357923
527.0	0.368852	533.0	0.371585	539.0	0.387978
545.0	0.404372	551.0	0.420765	557.0	0.431694
563.0	0.448087	569.0	0.459016	575.0	0.472678
581.0	0.480874	587.0	0.491803	593.0	0.502732
599.0	0.508197	605.0	0.527322	611.0	0.658470
617.0	0.540984	623.0	0.519126	629.0	0.931694
635.0	0.748634	641.0	0.355191	647.0	0.390710
653.0	0.269399	659.0	0.218852	665.0	0.181148
671.0	0.154645	677.0	0.124590	683.0	0.109290
689.0	0.086885	695.0	0.073770	701.0	0.060656
707.0	0.051639	713.0	0.040437	719.0	0.034426
725.0	0.027869	731.0	0.020820	737.0	0.019071
743.0	0.014891	749.0	0.012022	755.0	0.010410
761.0	0.006803	767.0	0.005219	773.0	0.006448
779.0	0.005109				

Spectrum Graph

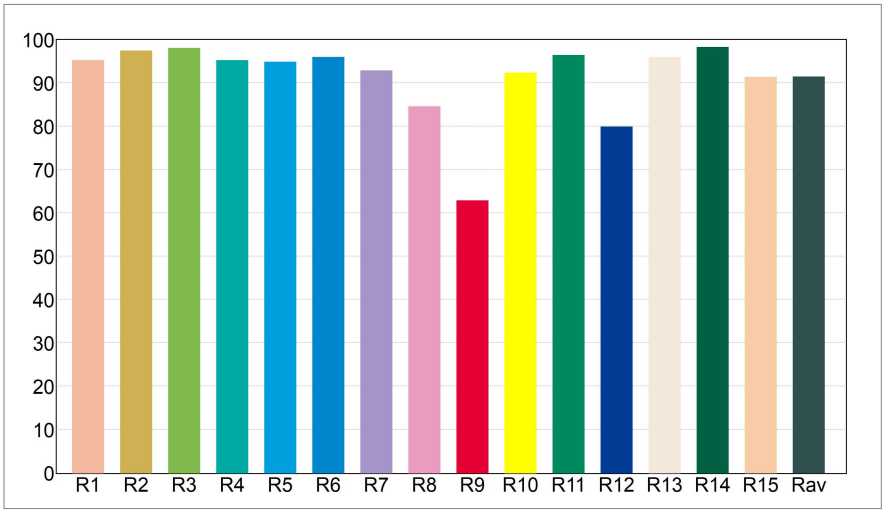


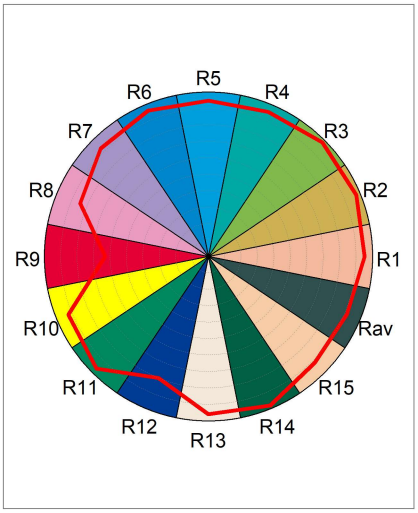


Luminaire
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Name ARID A/01 3500

Luminaire Flux	913 lm	Luminaire Power	11.2 W	Efficacy	81.496 lm/W	Efficiency	100.00%
Source Flux	913 lm	Maximum value	415.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

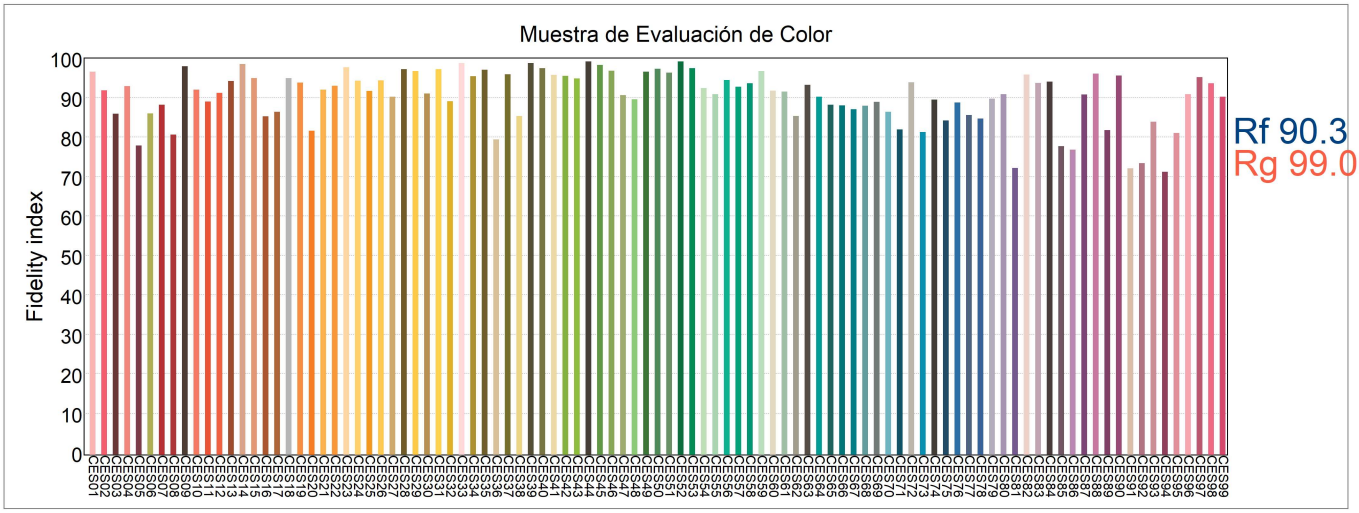
CRI Graphs



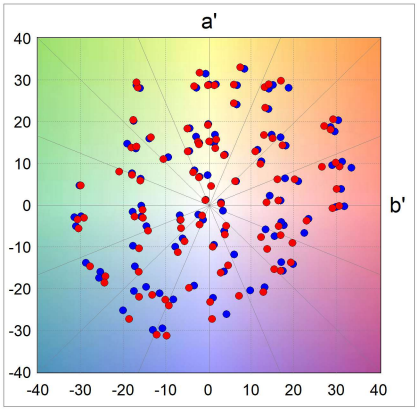


Luminaire
Code 12601039xxx
Name ARID A/01 3500
Measurem.
Code CL092A25D011GP
Name ARID A/01 3500

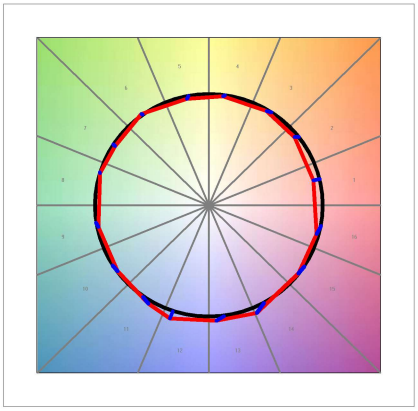
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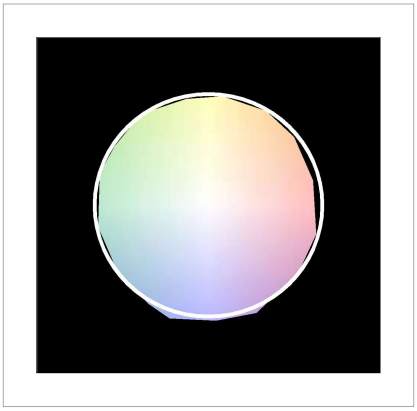
Chromatic Coordinates (a', b') 99 CES



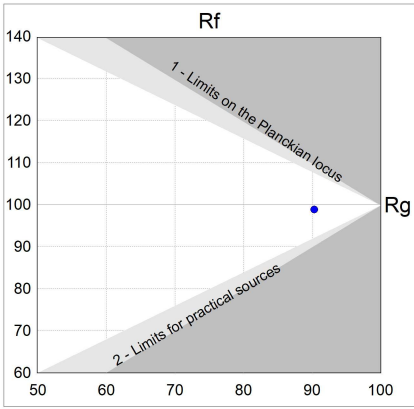
Color Vector Graphic



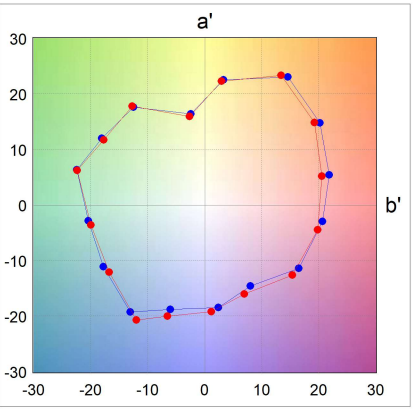
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

