Luminaire

Code	12601039xxxU
Name	ARID_A01_3000K
Line	

Measurem.

Code	CL092A25D011GPE5
Name	ARID_A01_3000K

Source Data

Code	LED	Correlated Color Temperature (CCT)	2970K	Q.ty	1
Name	Cree	Color rendering index (CRI)	95		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	22-04-2025	Maximum Gamma Angle	90°
Measurement Distance	6.49m	Measurement Flux	882.5 lm
Maximum	454.71 cd/klm	Position	C=0.0° G=0.0°
Remarks	RM25041101		

Electrical Parameters

Channel 1		Channel 2	
Voltage	0.00 V	Voltage	0.00 V
Current	0.00 A	Current	0.00 A
Power	10.70 W	Power	0.00 W
Frequency	0 Hz	Frequency	0 Hz
Power Factor	0.00	Power Factor	0.00

Environmental Parameters

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

Luminaire Dimensions

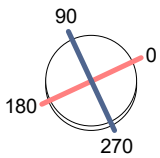
Round Luminaire	Diam.	140 mm	Height	20 mm	
Round Luminous Area	Diam.	130 mm	Height	0 mm	
Horizontal Luminous Area	0.013273 m2		Emitting area on Plane 180°	0.000000 m2	
Emitting area on Plane 0°	0.000000 m2		Emitting area on Plane 270°	0.000000 m2	
Emitting area on Plane 90°	0.000000 m2		Glare area at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

Photometric Assessment

Luminaire Flux	882.5 lm	Source Flux	882.5 lm
Efficacy	82.480 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

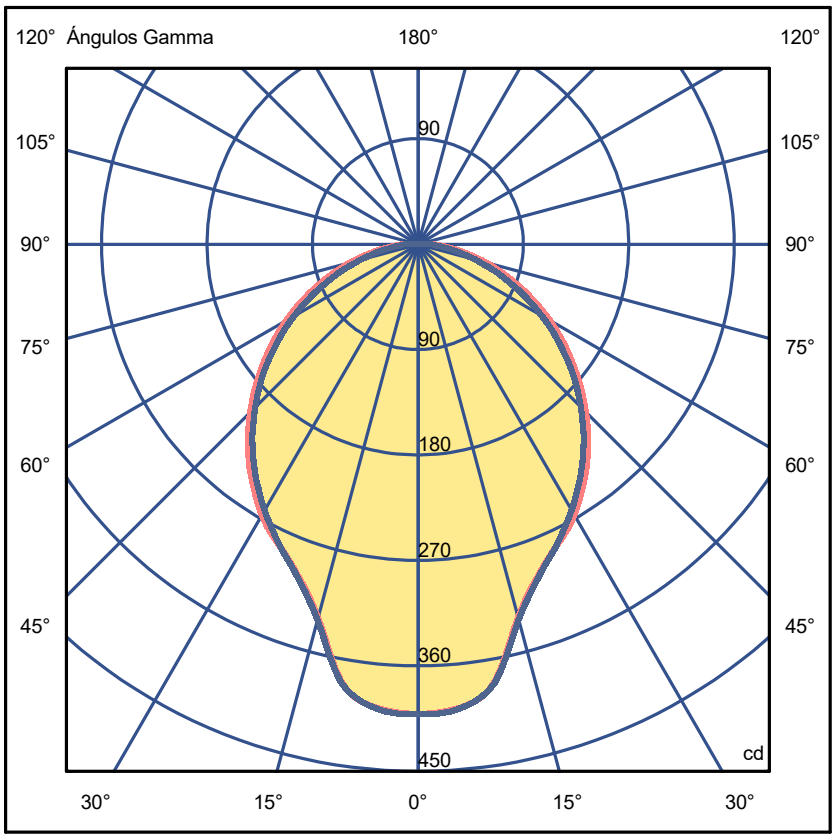


Diam=140mm





ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire
Code 12601039xxxU
Name ARID_A01_3000K
Measurem.
Code CL092A25D011GPE5
Name ARID_A01_3000K

Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

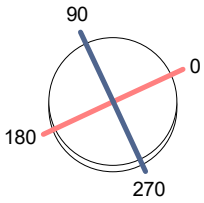
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	401	401	401	401	401	401	401
G 2.5	400	400	400	401	401	401	401
G 5.0	398	398	397	397	397	398	398
G 7.5	392	392	392	392	391	392	392
G 10.0	379	379	379	379	379	380	379
G 12.5	354	354	355	356	356	356	356
G 15.0	330	330	332	333	334	332	332
G 17.5	313	314	316	316	317	316	315
G 20.0	300	301	303	303	303	304	302
G 22.5	290	291	292	292	292	293	291
G 25.0	282	281	281	282	282	283	282
G 27.5	275	272	271	272	273	273	272
G 30.0	267	263	261	263	263	264	262
G 32.5	257	254	251	252	253	254	252
G 35.0	247	245	241	241	242	243	242
G 37.5	237	235	230	230	232	232	231
G 40.0	226	225	219	218	220	221	220
G 42.5	215	213	208	206	209	210	208
G 45.0	203	202	197	194	197	198	196
G 47.5	191	190	186	182	185	186	185
G 50.0	179	178	174	170	172	173	173
G 52.5	166	166	162	158	160	161	160
G 55.0	154	153	150	146	147	148	147
G 57.5	142	141	138	134	135	136	135
G 60.0	130	129	126	122	122	123	122
G 62.5	118	117	114	111	109	110	109
G 65.0	105	105	102	99	97	98	97
G 67.5	93	93	90	88	85	86	84
G 70.0	82	81	79	76	74	74	73
G 72.5	71	70	68	65	63	63	61
G 75.0	60	59	57	55	53	52	50
G 77.5	49	49	47	45	43	42	41
G 80.0	40	39	38	37	34	33	32
G 82.5	31	31	30	29	27	25	24
G 85.0	23	24	23	22	20	19	18
G 87.5	17	18	18	17	15	14	13
G 90.0	14	14	14	14	13	12	11

Luminaire
Code 12601039xxxU
Name ARID_A01_3000K
Measurem.
Code CL092A25D011GPE5
Name ARID_A01_3000K

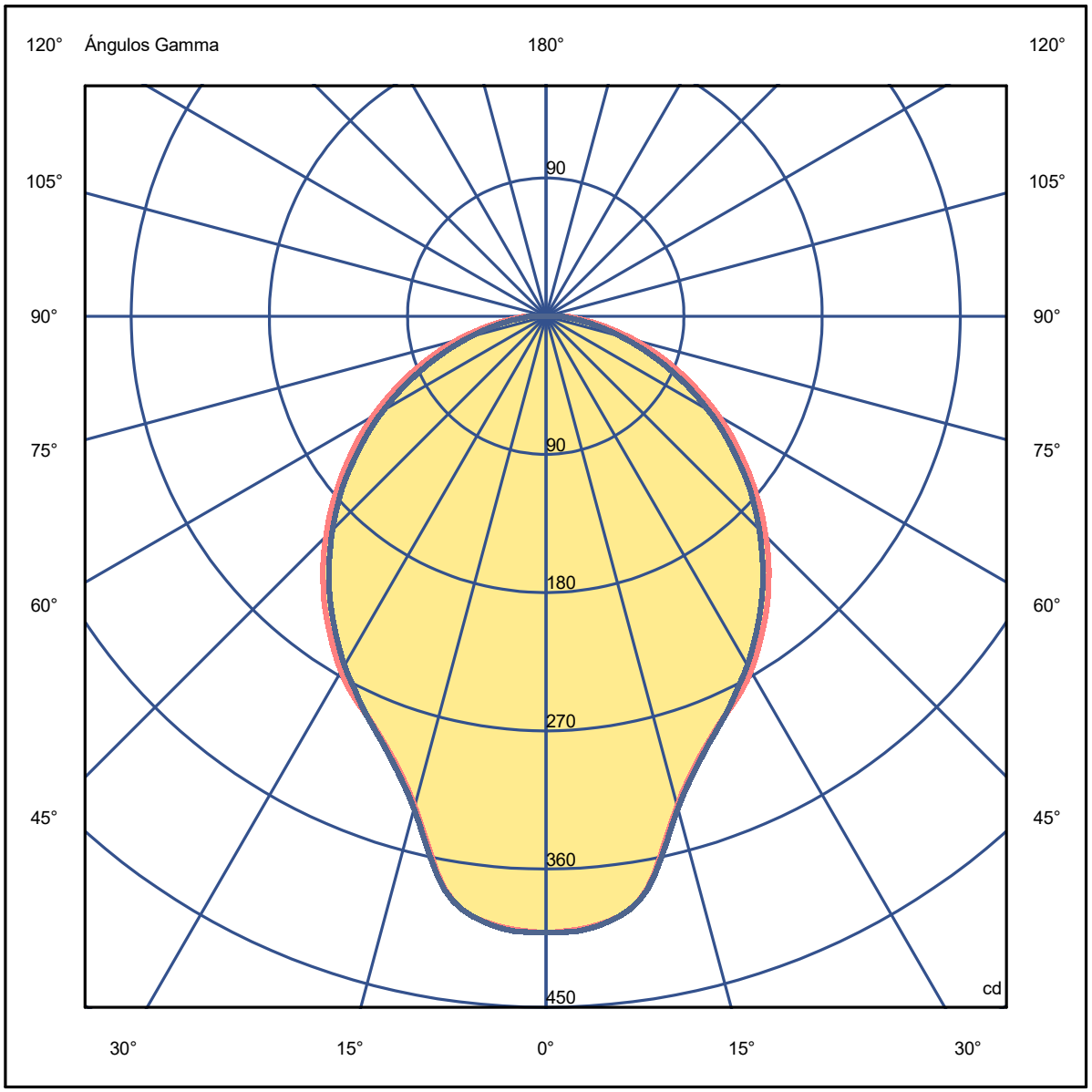
Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=140mm



Semiplanos C





Luminaire
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Measurem.
Code CL092A25D011GPE5
Name ARID_A01_3000K

Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 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	22.9	24.2	23.2	24.4	24.7	22.7	24.0	23.0	24.2	24.5
x=2H y=3H	24.5	25.7	24.8	25.9	26.2	24.1	25.3	24.4	25.6	25.8
x=2H y=4H	25.2	26.3	25.5	26.6	26.9	24.7	25.8	25.0	26.1	26.4
x=2H y=6H	25.7	26.8	26.1	27.1	27.4	25.1	26.2	25.5	26.5	26.8
x=2H y=8H	26.0	27.0	26.4	27.3	27.6	25.3	26.3	25.7	26.6	26.9
x=2H y=12H	26.2	27.2	26.6	27.5	27.8	25.4	26.4	25.8	26.7	27.1
x=4H y=2H	23.5	24.6	23.9	24.9	25.2	23.3	24.5	23.7	24.7	25.0
x=4H y=3H	25.3	26.3	25.7	26.6	26.9	25.0	25.9	25.3	26.2	26.6
x=4H y=4H	26.1	27.0	26.5	27.3	27.7	25.7	26.5	26.1	26.9	27.2
x=4H y=6H	26.9	27.6	27.3	28.0	28.4	26.3	27.0	26.7	27.4	27.8
x=4H y=8H	27.2	27.9	27.6	28.3	28.7	26.5	27.2	26.9	27.6	28.0
x=4H y=12H	27.5	28.1	27.9	28.5	28.9	26.7	27.3	27.2	27.7	28.2
x=8H y=4H	26.4	27.1	26.9	27.5	27.9	26.0	26.7	26.4	27.1	27.5
x=8H y=6H	27.3	27.9	27.8	28.3	28.8	26.7	27.3	27.2	27.7	28.2
x=8H y=8H	27.8	28.3	28.2	28.7	29.2	27.1	27.6	27.6	28.0	28.5
x=8H y=12H	28.2	28.6	28.7	29.1	29.6	27.4	27.8	27.9	28.3	28.8
x=12H y=4H	26.4	27.1	26.9	27.5	27.9	26.1	26.7	26.5	27.1	27.5
x=12H y=6H	27.4	27.9	27.9	28.3	28.8	26.9	27.4	27.3	27.8	28.3
x=12H y=8H	27.9	28.3	28.4	28.8	29.3	27.3	27.7	27.7	28.2	28.7

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Name ARID_A01_3000K

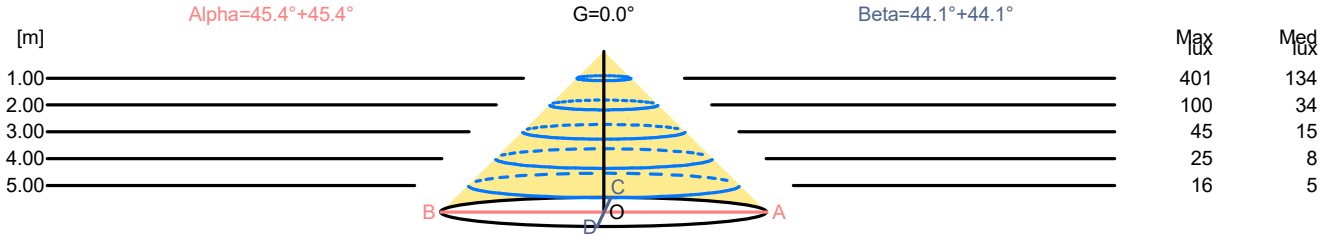
Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	401.30	397.52	330.06	282.37	246.92	202.54	154.13	105.50	59.62	23.48
OB	401.30	397.52	330.06	282.37	246.92	202.54	154.13	105.50	59.62	23.48
OC	401.30	398.18	331.81	281.84	241.78	196.42	147.22	96.52	50.38	17.52
OD	401.30	398.18	331.81	281.84	241.78	196.42	147.22	96.52	50.38	17.52



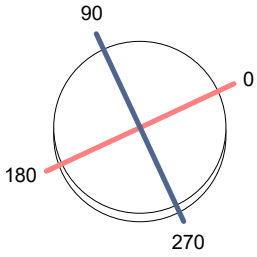
H[m]	D[m]	Max lux	Med lux	Alpha=45.4°+45.4° G=0.0
1.00	2.03	401	134	
2.00	4.06	100	34	
3.00	6.08	45	15	
4.00	8.11	25	8	
5.00	10.14	16	5	

H[m]	D[m]	Max lux	Med lux	Beta=44.1°+44.1° G=0.0
1.00	1.94	401	134	
2.00	3.88	100	34	
3.00	5.81	45	15	
4.00	7.75	25	8	
5.00	9.69	16	5	

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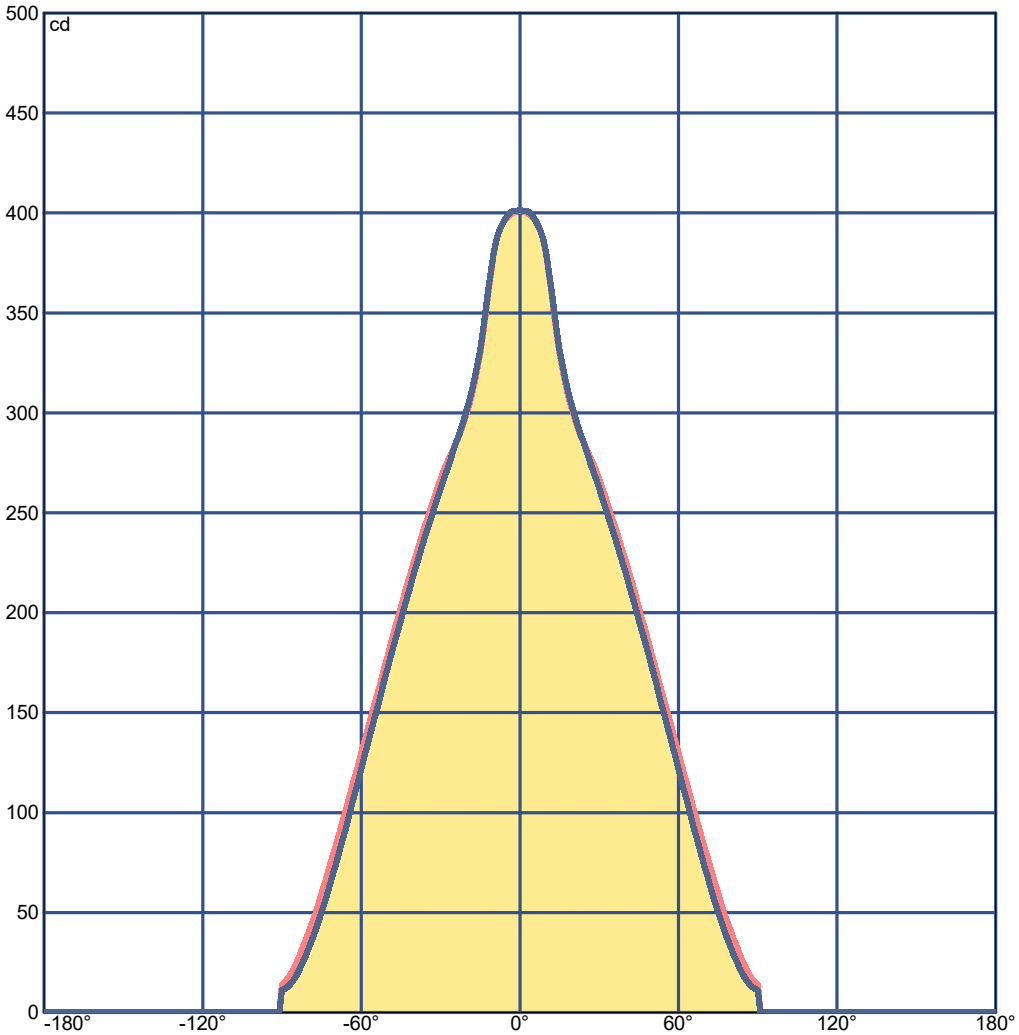
Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=140mm



Semiplanos C





Luminaire
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Name ARID_A01_3000K

Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=882.54 Flujo Luminaria=882.54

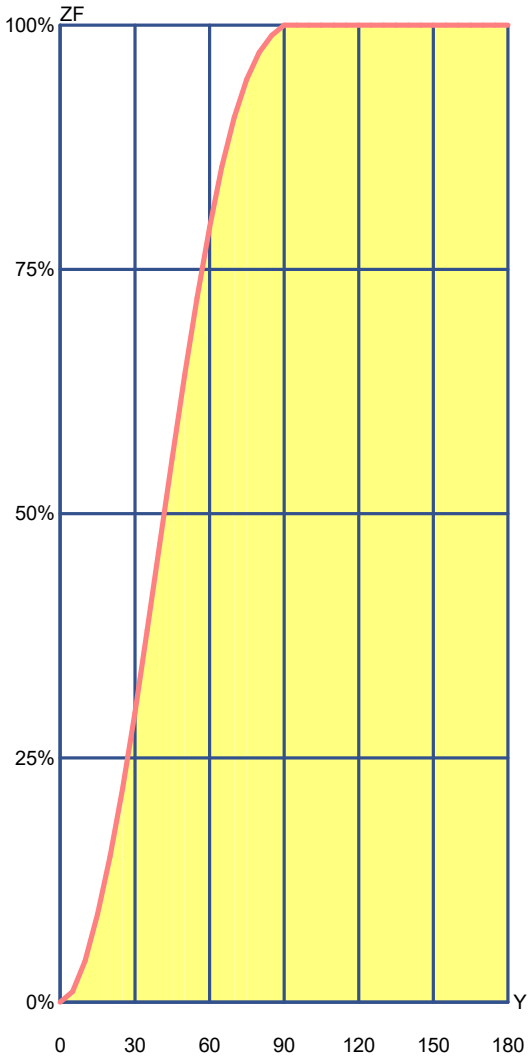
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.32	0.41	0.48	0.55	0.60	0.69	0.74	0.78	0.83	0.86	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

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 %



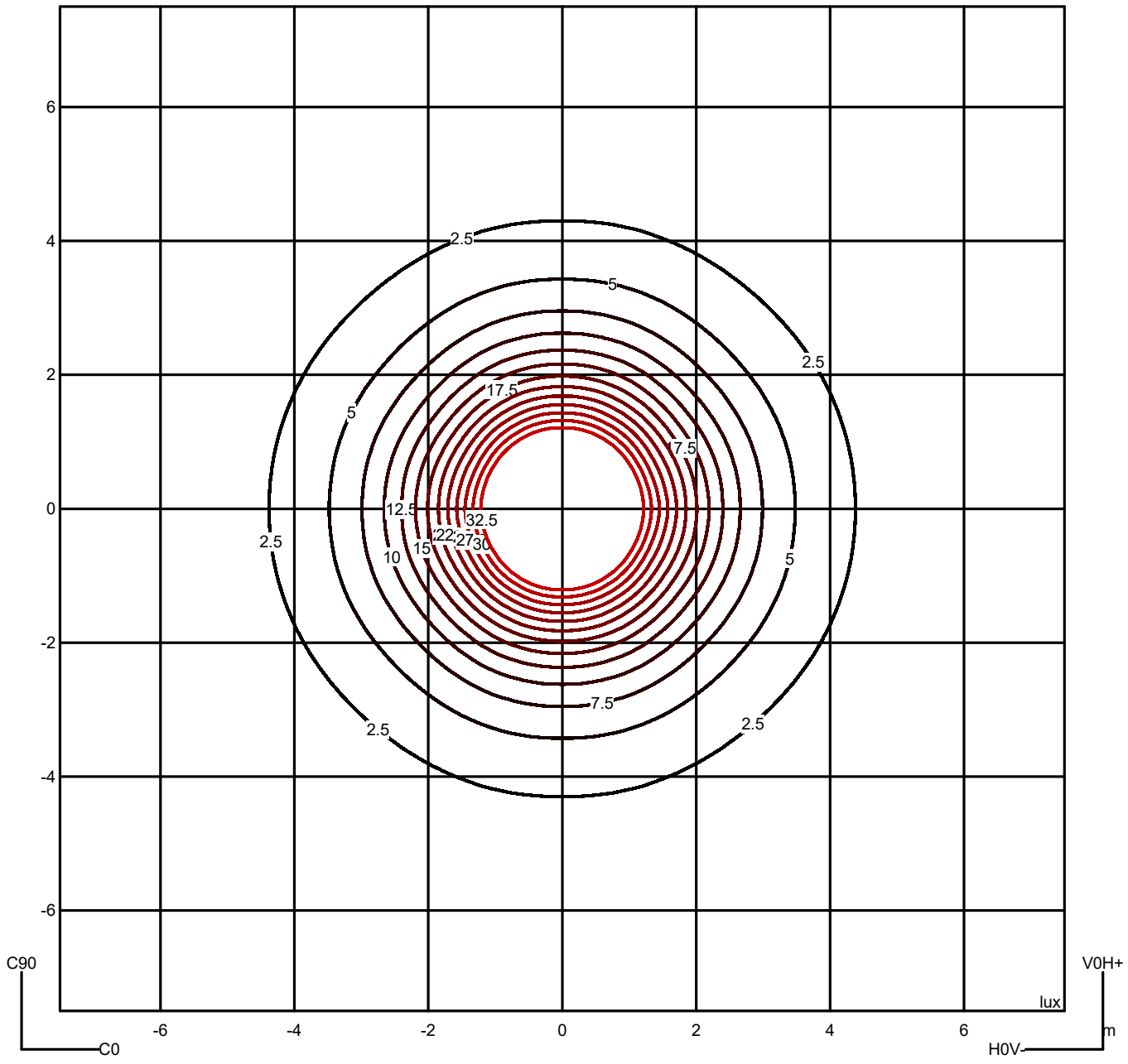
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.82	10.82	1.08 %	1.08 %
10°	31.56	42.38	3.16 %	4.24 %
15°	47.63	90.01	4.76 %	9.00 %
20°	59.00	149.01	5.90 %	14.90 %
25°	69.35	218.36	6.93 %	21.84 %
30°	78.10	296.46	7.81 %	29.65 %
35°	84.36	380.82	8.44 %	38.08 %
40°	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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Source Flux	883 lm	Maximum value	401.30 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	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.437673	y =0.401924
CIE1960	u =0.251980	v =0.347098
CIE1976	u'=0.251980	v'=0.520646
D(u,v)	0.00096	

Color rendering index (CRI)
Color Rendering Components

CCT = [2970 K]*

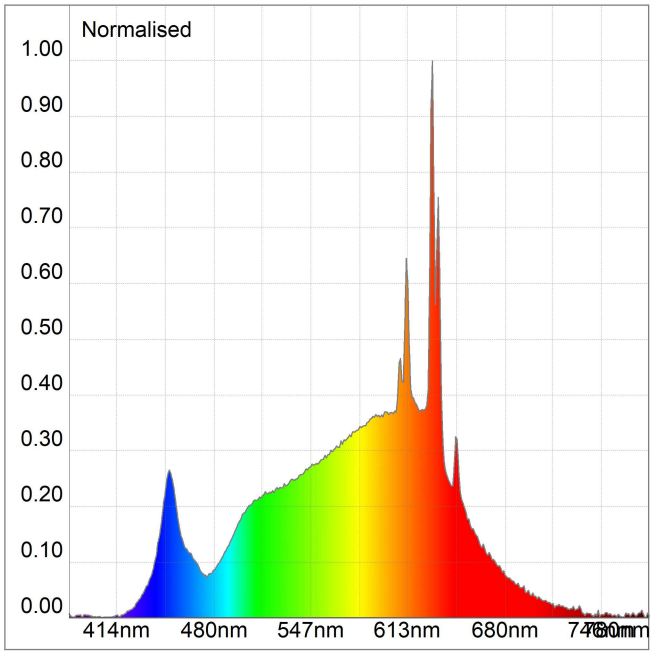
CRI8(Ra) [95.3]* CRI15(Rav) [93.1]*

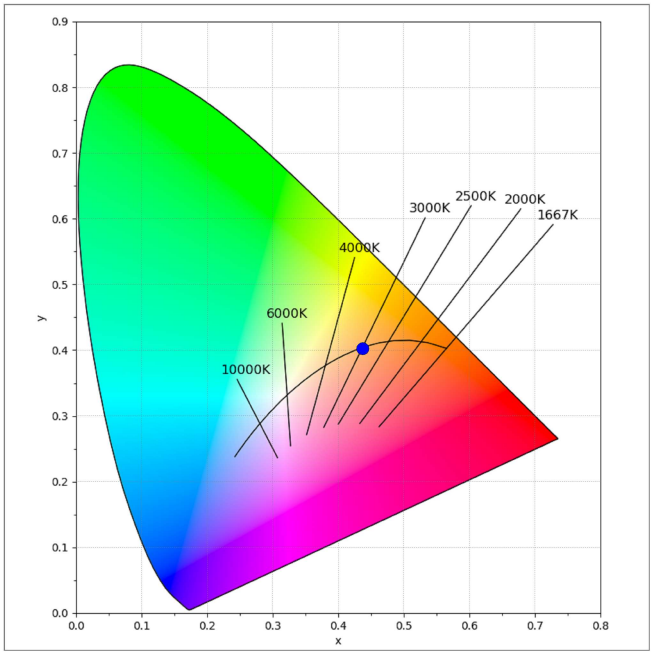
R 1: 96.8	R 2: 97.8	R 3: 97.3	R 4: 96.6	R 5: 96.8
R 6: 96.7	R 7: 93.1	R 8: 87.0	R 9: 69.5	R10: 93.7
R11: 96.5	R12: 86.9	R13: 97.0	R14: 97.4	R15: 92.8

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
381.0	0.006929	387.0	0.004450	393.0	0.004560
399.0	0.001224	405.0	0.000921	411.0	0.001633
417.0	0.005098	423.0	0.014149	429.0	0.032387
435.0	0.057883	441.0	0.111749	447.0	0.223094
453.0	0.233875	459.0	0.139980	465.0	0.114702
471.0	0.085822	477.0	0.078669	483.0	0.094773
489.0	0.120933	495.0	0.154995	501.0	0.187844
507.0	0.204887	513.0	0.214297	519.0	0.225732
525.0	0.230473	531.0	0.238006	537.0	0.248819
543.0	0.262139	549.0	0.273979	555.0	0.284157
561.0	0.300856	567.0	0.305250	573.0	0.323604
579.0	0.336735	585.0	0.344562	591.0	0.359813
597.0	0.361084	603.0	0.368369	609.0	0.465569
615.0	0.489075	621.0	0.376579	627.0	0.380248
633.0	0.561918	639.0	0.280676	645.0	0.236661
651.0	0.212315	657.0	0.166001	663.0	0.136809
669.0	0.111915	675.0	0.095807	681.0	0.076147
687.0	0.065298	693.0	0.054137	699.0	0.039165
705.0	0.034665	711.0	0.027263	717.0	0.020840
723.0	0.018459	729.0	0.013274	735.0	0.007307
741.0	0.003384	747.0	0.005301	753.0	0.007350
759.0	0.006257	765.0	0.005444	771.0	0.002860
777.0	0.000950				

Spectrum Graph

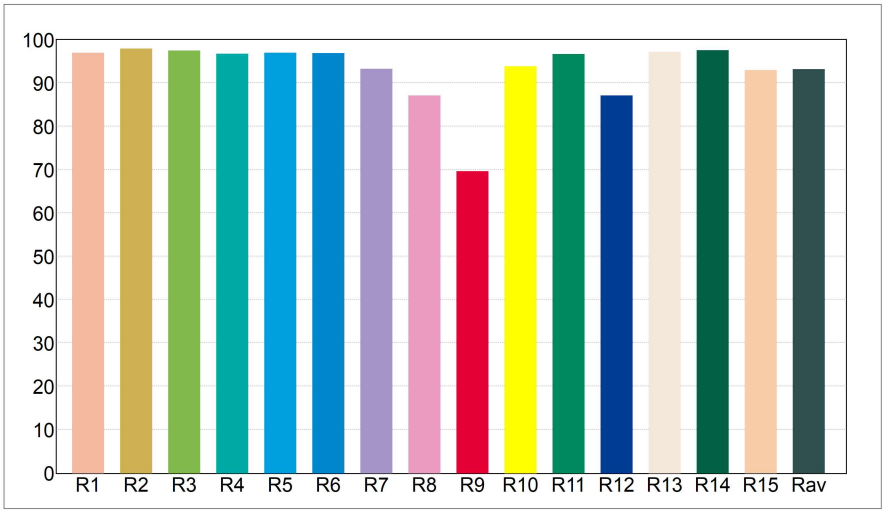


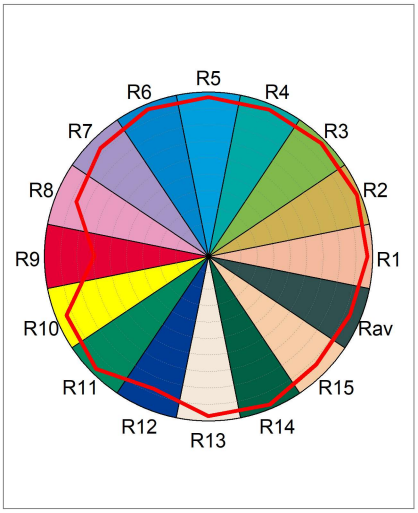


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Name ARID_A01_3000K

Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
Source Flux	883 lm	Maximum value	401.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

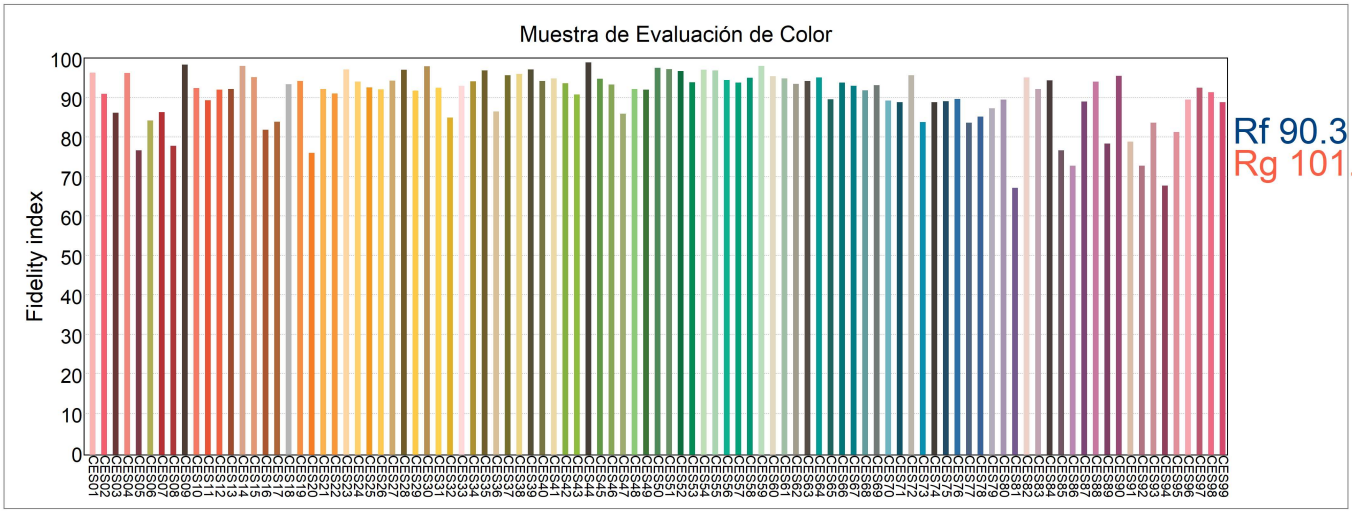
CRI Graphs



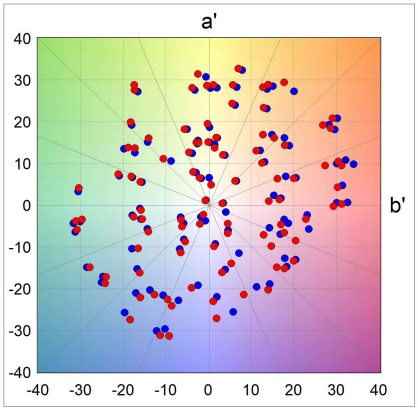


Luminaire
Code 12601039xxxU
Name ARID_A01_3000K
Measurem.
Code CL092A25D011GPE5
Name ARID_A01_3000K

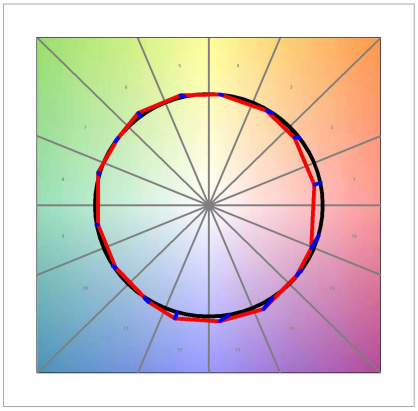
Luminaire Flux	883 lm	Luminaire Power	10.7 W	Efficacy	82.480 lm/W	Efficiency	100.00%
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Chromatic Coordinates (a', b') 99 CES



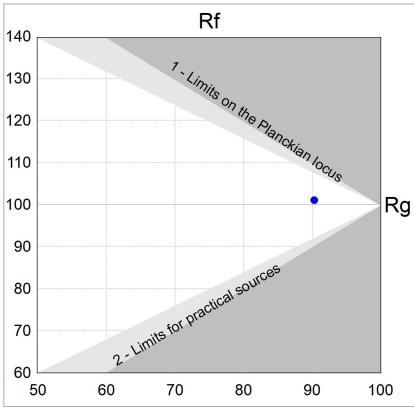
Color Vector Graphic



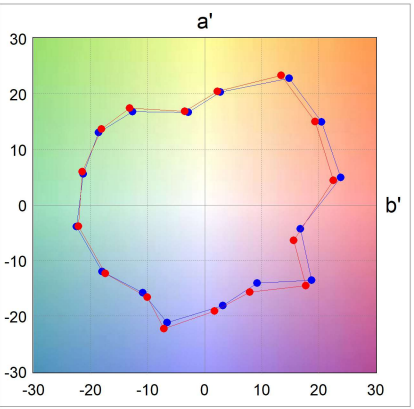
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

