Luminaire

Code	26101317119
Name	Tanit M/29/R
Line	OxyTech

Measurem.

Code	CL092A24D007VP
Name	Tanit M/29/R

Source Data

Code	GW JTLMS1.CM	Correlated Color Temperature (CCT)	2645K	Q.ty	1
Name	OSRAM	Color rendering index (CRI)	92		
Line					

Measurement data

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	24-07-2024	Maximum Gamma Angle	180°
Measurement Distance	6.49m	Measurement Flux	86.9 lm
Maximum	406.38 cd/klm	Position	C=0.0° G=10.0°
Remarks	RM24070802		

Electrical Parameters

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

Environmental Parameters

Temperature	24.5 °C	Air Speed	0.0 m/s
Humidity	51.1 %		

Luminaire Dimensions

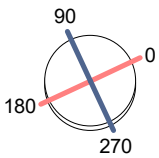
Round Luminaire	Diam.	120 mm	Height	60 mm	
Round Luminous Area	Diam.	80 mm	Height	40 mm	
Horizontal Luminous Area	0.005027 m2		Emitting area on Plane 180°	0.003200 m2	
Emitting area on Plane 0°	0.003200 m2		Emitting area on Plane 270°	0.003200 m2	
Emitting area on Plane 90°	0.003200 m2		Glare area at 76°	0.004321 m2	

Photometric Assessment

Luminaire Flux	86.9 lm	Source Flux	86.9 lm
Efficacy	0.000 lm/W	Efficiency	100.0 %
CIE Flux Codes	41 64 84 74 100	D DIN 5040	B31
F UTE	0.74 G + 0.26 T	B NBN	BZ 5 / 1 / BZ 6

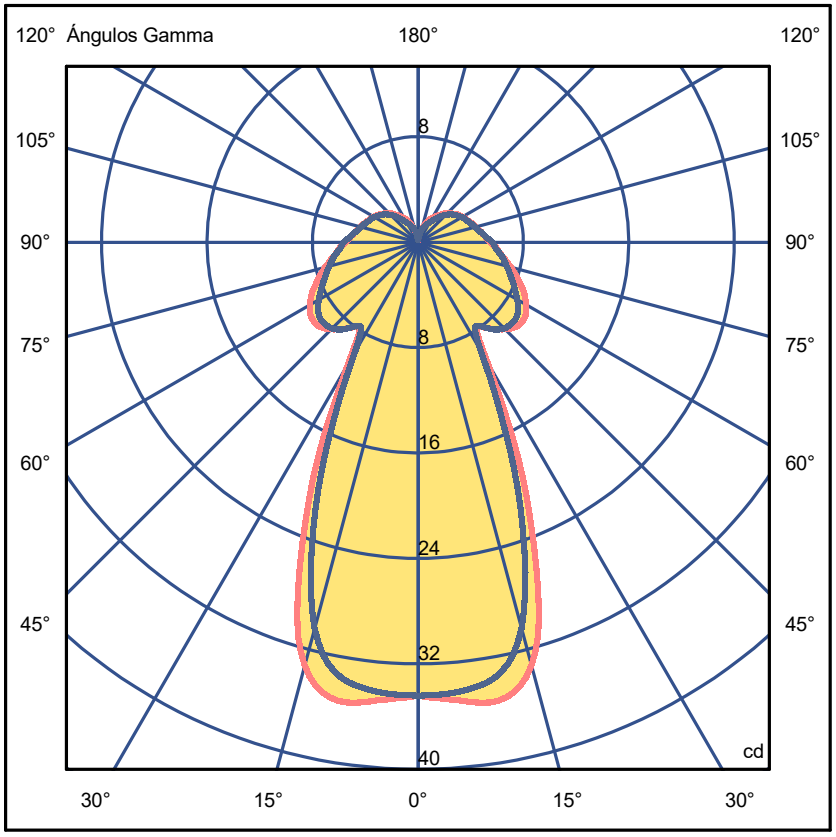


Diam=120mm





ULOR 25.90 %
DLOR 74.10 %
RN 25.90 %



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Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

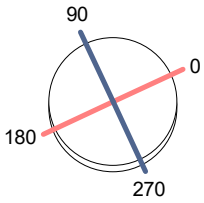
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	34	34	34	34	34	34	34
G 2.5	35	35	35	35	34	34	34
G 5.0	35	35	35	35	34	34	34
G 7.5	35	35	35	35	34	34	34
G 10.0	35	35	35	35	34	34	34
G 12.5	35	35	34	34	33	33	32
G 15.0	33	33	33	32	31	31	30
G 17.5	30	30	30	29	28	27	27
G 20.0	26	26	26	25	24	24	23
G 22.5	22	22	22	21	20	20	19
G 25.0	18	18	18	17	16	16	16
G 27.5	14	14	14	14	13	12	12
G 30.0	10	11	11	11	10	10	10
G 32.5	8	9	9	9	9	8	8
G 35.0	8	8	9	9	8	8	8
G 37.5	8	9	9	9	9	8	8
G 40.0	9	9	9	9	9	9	9
G 42.5	9	9	10	10	10	9	9
G 45.0	9	10	10	10	10	9	9
G 47.5	10	10	10	10	10	10	9
G 50.0	10	10	10	10	10	10	9
G 52.5	10	10	10	10	10	10	9
G 55.0	10	10	10	10	10	9	9
G 57.5	10	10	10	10	9	9	9
G 60.0	9	10	10	9	9	9	9
G 62.5	9	9	9	9	9	9	8
G 65.0	9	9	9	9	8	8	8
G 67.5	8	9	8	8	8	8	8
G 70.0	8	8	8	8	8	8	7
G 72.5	8	8	8	8	7	7	7
G 75.0	7	7	7	7	7	7	7
G 77.5	7	7	7	7	7	7	7
G 80.0	7	7	7	7	7	7	6
G 82.5	6	6	7	7	6	6	6
G 85.0	6	6	6	6	6	6	6
G 87.5	6	6	6	6	6	6	6
G 90.0	5	6	6	6	6	6	6
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	4	4	4	4	4
G107.5	4	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	3	3	3	3	3	3
G130.0	3	3	3	3	3	3	3
G132.5	3	3	3	3	3	3	3
G135.0	3	3	3	3	3	3	3
G137.5	3	3	3	3	3	3	3
G140.0	3	3	3	3	3	3	3
G142.5	3	3	3	2	2	2	2
G145.0	2	2	2	2	2	2	2
G147.5	2	2	2	2	2	2	2
G150.0	2	2	2	2	2	2	2
G152.5	2	2	2	2	2	2	2
G155.0	2	2	2	2	2	2	1
G157.5	2	2	2	2	2	1	1
G160.0	1	1	2	2	1	1	1
G162.5	1	1	1	1	1	1	1
G165.0	1	1	1	1	1	1	1
G167.5	1	1	1	1	1	1	1
G170.0	0	1	1	1	1	1	1
G172.5	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0
G177.5	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0

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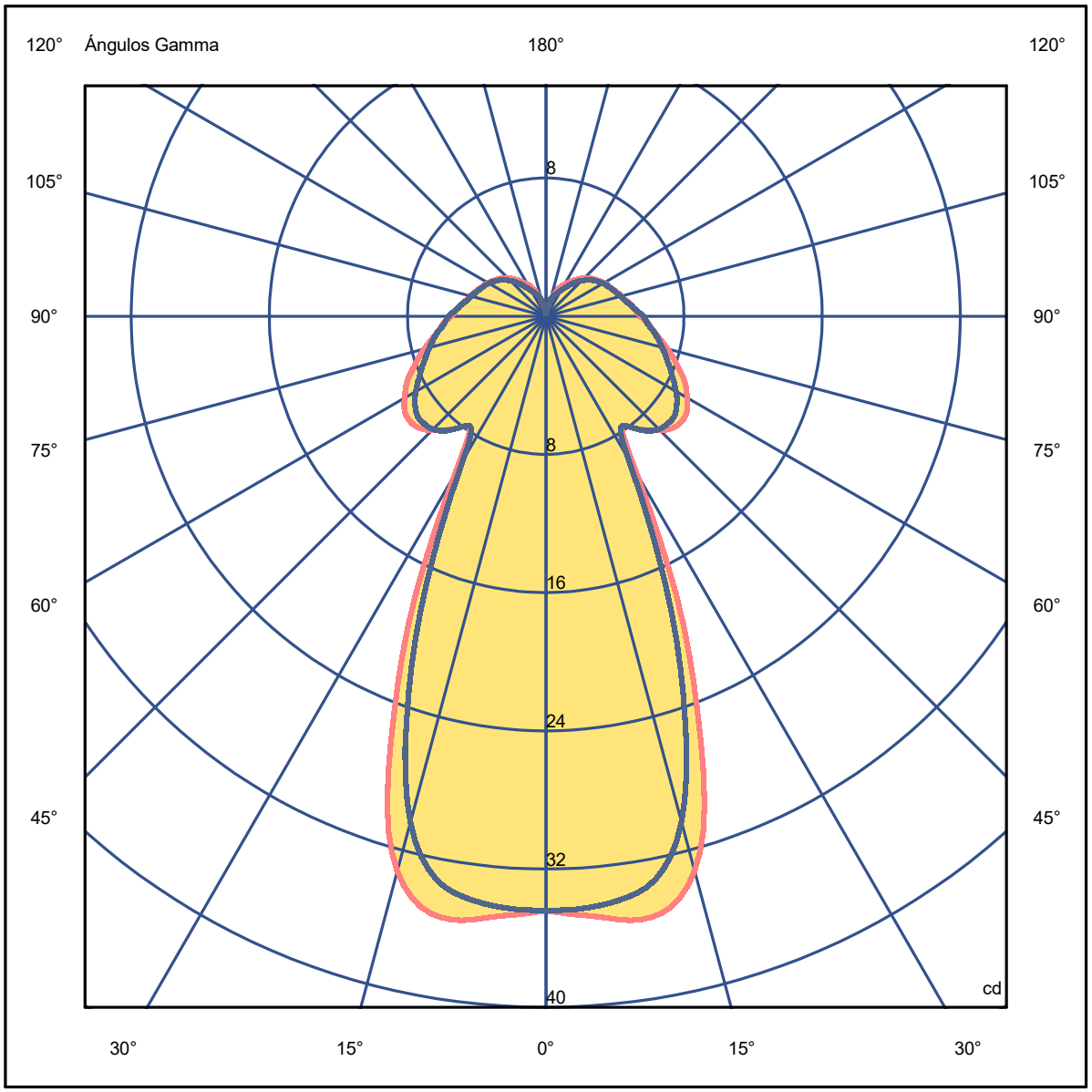
Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

Diam=120mm



Semiplanos C





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Name Tanit M/29/R

Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	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	12.6	13.7	13.2	14.3	15.1	12.2	13.3	12.8	13.9	14.6
x=2H y=3H	14.7	15.7	15.4	16.4	17.2	14.3	15.3	14.9	15.9	16.7
x=2H y=4H	15.8	16.7	16.4	17.4	18.2	15.3	16.3	16.0	16.9	17.8
x=2H y=6H	16.7	17.6	17.4	18.3	19.1	16.4	17.2	17.1	17.9	18.8
x=2H y=8H	17.2	18.0	17.9	18.8	19.6	16.9	17.7	17.6	18.4	19.3
x=2H y=12H	17.6	18.5	18.4	19.2	20.0	17.4	18.2	18.1	18.9	19.7
x=4H y=2H	13.3	14.3	14.0	15.0	15.8	13.0	14.0	13.7	14.7	15.5
x=4H y=3H	15.7	16.5	16.4	17.2	18.1	15.3	16.1	16.0	16.9	17.7
x=4H y=4H	16.9	17.6	17.6	18.3	19.2	16.5	17.2	17.3	18.0	18.9
x=4H y=6H	18.0	18.7	18.8	19.4	20.3	17.7	18.4	18.5	19.1	20.0
x=4H y=8H	18.6	19.2	19.3	19.9	20.9	18.3	18.9	19.1	19.7	20.6
x=4H y=12H	19.1	19.7	19.9	20.5	21.4	18.9	19.4	19.7	20.2	21.2
x=8H y=4H	17.3	17.9	18.1	18.7	19.6	17.0	17.6	17.8	18.4	19.3
x=8H y=6H	18.7	19.2	19.5	20.0	21.0	18.5	19.0	19.3	19.8	20.7
x=8H y=8H	19.4	19.9	20.2	20.7	21.7	19.2	19.6	20.0	20.5	21.4
x=8H y=12H	20.1	20.5	20.9	21.4	22.3	19.9	20.3	20.8	21.2	22.2
x=12H y=4H	17.4	17.9	18.2	18.7	19.7	17.1	17.6	17.9	18.4	19.4
x=12H y=6H	18.9	19.3	19.7	20.1	21.1	18.6	19.1	19.5	19.9	20.9
x=12H y=8H	19.7	20.0	20.5	20.9	21.9	19.5	19.9	20.3	20.7	21.7

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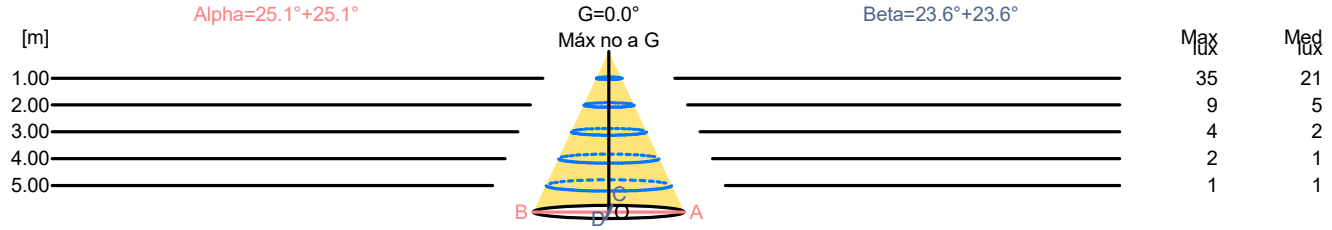
Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

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	0.47	0.94	1.41	1.88	2.35	OC	0.44	0.87	1.31	1.75	2.18
OB	0.47	0.94	1.41	1.88	2.35	OD	0.44	0.87	1.31	1.75	2.18

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	34.40	34.89	33.24	17.90	7.74	9.34	9.90	8.85	7.28	6.03
OB	34.40	34.89	33.24	17.90	7.74	9.34	9.90	8.85	7.28	6.03
OC	34.40	34.27	30.32	15.52	7.73	9.24	9.23	8.04	6.96	5.97
OD	34.40	34.27	30.32	15.52	7.73	9.24	9.23	8.04	6.96	5.97



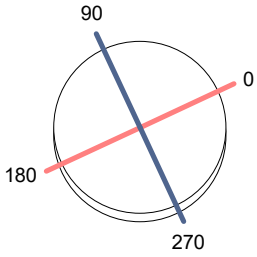
H[m]	D[m]	Max lux	Med lux	Alpha=25.1°+25.1° G=0.0 Máx no a G
1.00	0.94	35	21	
2.00	1.88	9	5	
3.00	2.82	4	2	
4.00	3.75	2	1	
5.00	4.69	1	1	

H[m]	D[m]	Max lux	Med lux	Beta=23.6°+23.6° G=0.0 Máx no a G
1.00	0.87	35	21	
2.00	1.75	9	5	
3.00	2.62	4	2	
4.00	3.50	2	1	
5.00	4.37	1	1	

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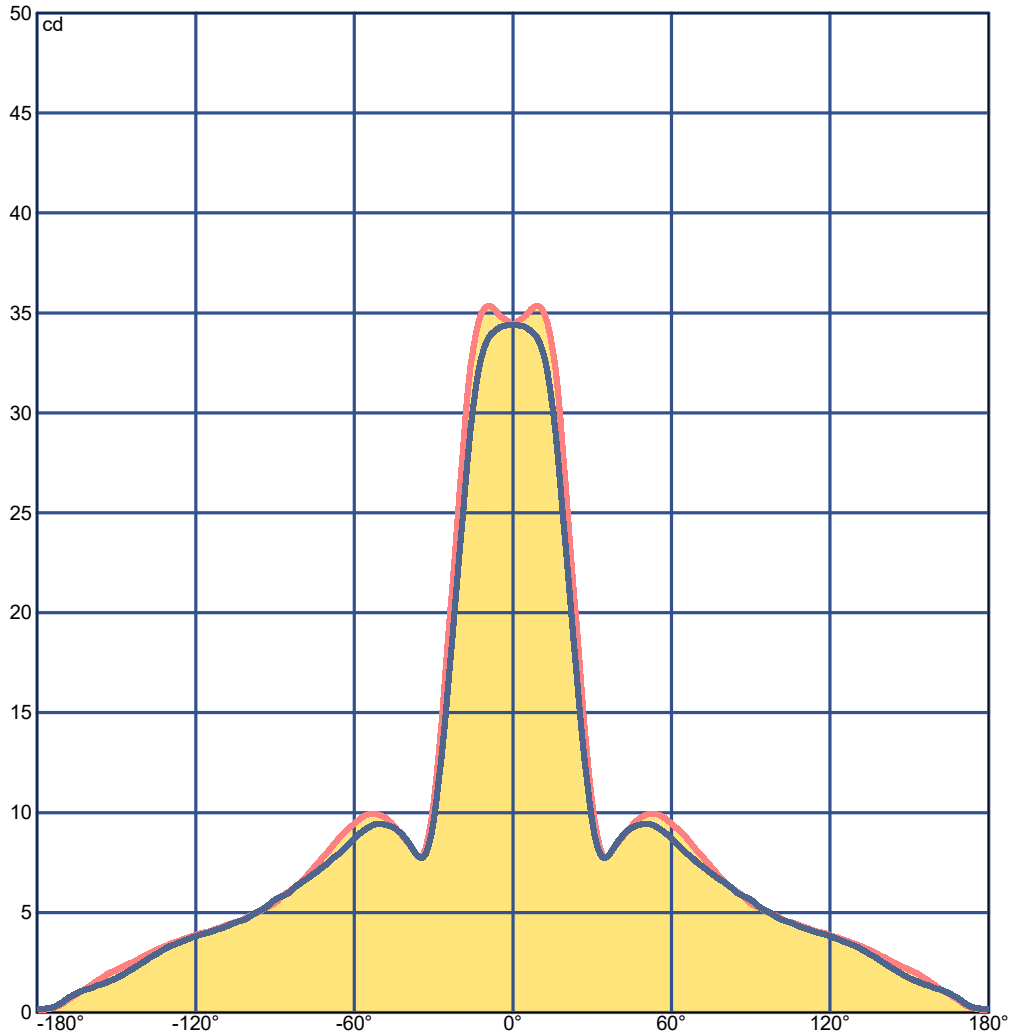
Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

Diam=120mm



Semiplanos C





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Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

Flujo Total= 86.90 Flujo Luminaria= 86.90

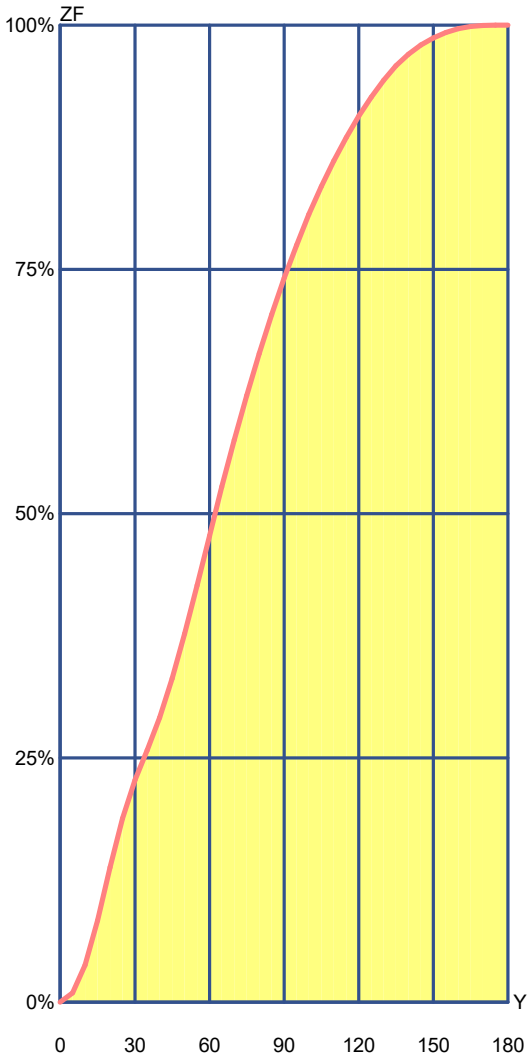
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.27	0.34	0.40	0.46	0.50	0.58	0.64	0.68	0.74	0.78	0.87	0.92
RC	6	6	6	7	7	7	7	7	7	7	7	7

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)	38	138	227	291	377	477	575	664	741	806	861	907	944	970	987	996	1000	1000

Códigos de Flujo C.I.E.
41 64 84 74 100

C.I.E.	6/6/6/7/7/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	B31	ULOR	25.90179 %
F UTE	0.74 G + 0.26 T	DLOR	74.09821 %
B NBN	BZ 5 / 1 / BZ 6	UFF	25.90179 %
RN	25.90179 %	DFF	74.09821 %
BLF	1.0	FFR	34.95603 %



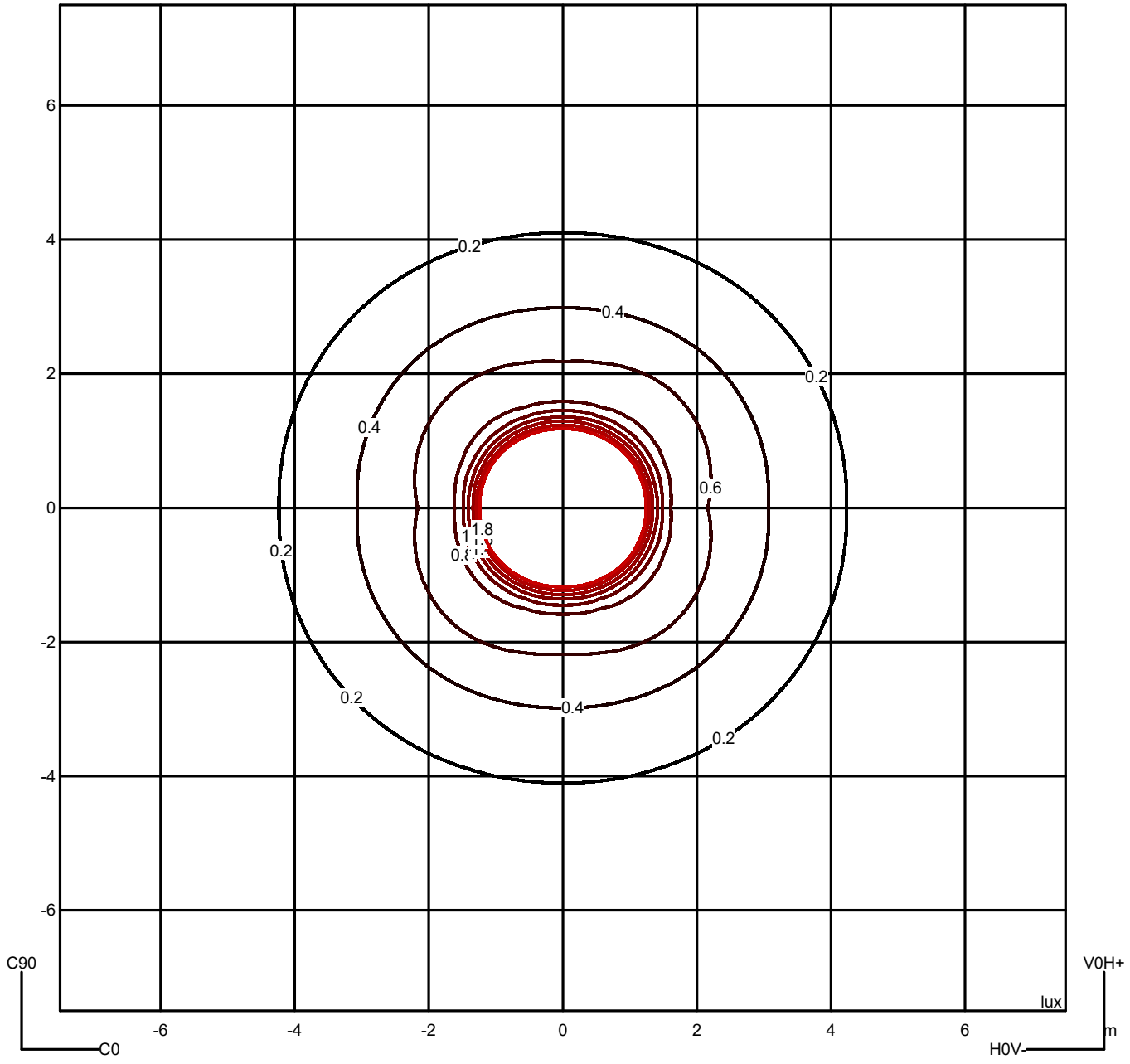
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.50	9.50	0.95 %	0.95 %
10°	28.51	38.01	2.85 %	3.80 %
15°	45.57	83.58	4.56 %	8.36 %
20°	54.21	137.79	5.42 %	13.78 %
25°	50.39	188.18	5.04 %	18.82 %
30°	39.24	227.42	3.92 %	22.74 %
35°	30.58	257.99	3.06 %	25.80 %
40°	33.14	291.14	3.31 %	29.11 %
45°	39.99	331.13	4.00 %	33.11 %
50°	45.83	376.96	4.58 %	37.70 %
55°	49.65	426.61	4.96 %	42.66 %
60°	50.80	477.41	5.08 %	47.74 %
65°	49.98	527.39	5.00 %	52.74 %
70°	48.07	575.45	4.81 %	57.55 %
75°	45.52	620.98	4.55 %	62.10 %
80°	42.80	663.78	4.28 %	66.38 %
85°	40.09	703.87	4.01 %	70.39 %
90°	37.11	740.98	3.71 %	74.10 %
95°	33.98	774.97	3.40 %	77.50 %
100°	31.22	806.19	3.12 %	80.62 %
105°	28.64	834.82	2.86 %	83.48 %
110°	26.21	861.04	2.62 %	86.10 %
115°	23.94	884.97	2.39 %	88.50 %
120°	21.82	906.79	2.18 %	90.68 %
125°	19.57	926.36	1.96 %	92.64 %
130°	17.17	943.53	1.72 %	94.35 %
135°	14.63	958.16	1.46 %	95.82 %
140°	12.01	970.17	1.20 %	97.02 %
145°	9.50	979.67	0.95 %	97.97 %
150°	7.27	986.94	0.73 %	98.69 %
155°	5.42	992.36	0.54 %	99.24 %
160°	3.81	996.17	0.38 %	99.62 %
165°	2.37	998.55	0.24 %	99.85 %
170°	1.10	999.65	0.11 %	99.96 %
175°	0.31	999.95	0.03 %	100.00 %
180°	0.05	1000.00	0.00 %	100.00 %

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Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

Isolux (Floor)

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



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Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

Spectral Data

Std.: No import standard

CIE1931	x =0.462632	y =0.408449
CIE1960	u =0.265266	v =0.351297
CIE1976	u'=0.265266	v'=0.526946
D(u,v)	0.00101	

Color rendering index (CRI)
Color Rendering Components

CCT = [2645 K]*

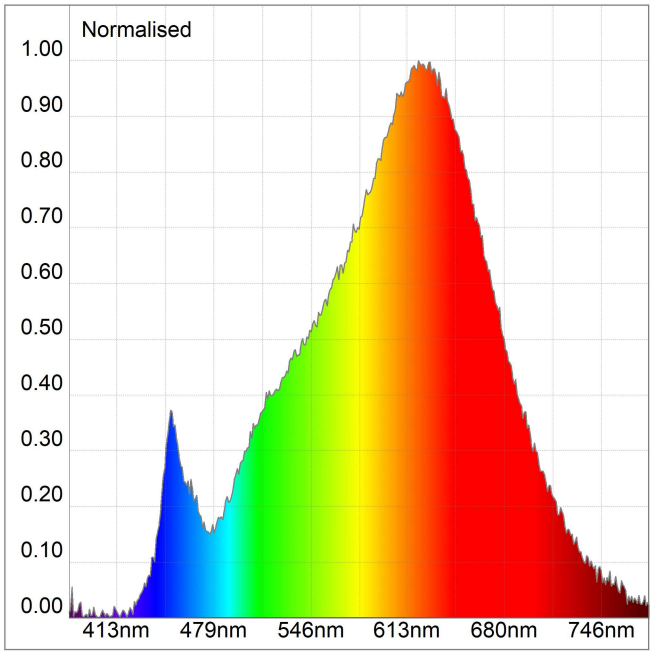
CRI8(Ra) [92.9]* CRI15(Rav) [90.4]*

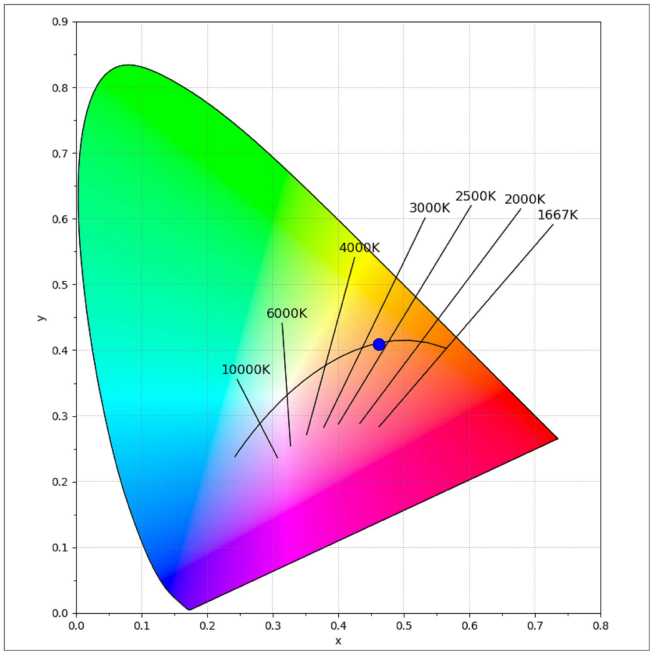
R 1: 93.2	R 2: 96.9	R 3: 98.6	R 4: 93.0	R 5: 93.2
R 6: 96.6	R 7: 91.0	R 8: 80.7	R 9: 58.9	R10: 92.0
R11: 94.4	R12: 85.8	R13: 94.2	R14: 98.7	R15: 89.0

Spectral Distribution

l(nm)	Normalised	l(nm)	Normalised	l(nm)	Normalised
380.0	0.008182	386.0	0.012698	392.0	0.006246
398.0	0.005044	404.0	0.008034	410.0	0.004194
416.0	0.007361	422.0	0.018065	428.0	0.033431
434.0	0.071261	440.0	0.141642	446.0	0.268915
452.0	0.343109	458.0	0.269501	464.0	0.248387
470.0	0.184457	476.0	0.153666	482.0	0.172434
488.0	0.210557	494.0	0.248974	500.0	0.282991
506.0	0.322581	512.0	0.366569	518.0	0.407625
524.0	0.407625	530.0	0.442815	536.0	0.480938
542.0	0.489736	548.0	0.527859	554.0	0.545455
560.0	0.589443	566.0	0.607038	572.0	0.659824
578.0	0.692082	584.0	0.753666	590.0	0.788856
596.0	0.844575	602.0	0.888563	608.0	0.935484
614.0	0.961877	620.0	0.982405	626.0	0.982405
632.0	0.985337	638.0	0.935484	644.0	0.894428
650.0	0.835777	656.0	0.785924	662.0	0.709677
668.0	0.639296	674.0	0.565982	680.0	0.501466
686.0	0.431085	692.0	0.381232	698.0	0.331378
704.0	0.276540	710.0	0.226393	716.0	0.207918
722.0	0.163636	728.0	0.131672	734.0	0.107331
740.0	0.101760	746.0	0.091789	752.0	0.065689
758.0	0.058065	764.0	0.047801	770.0	0.035191
776.0	0.028534				

Spectrum Graph

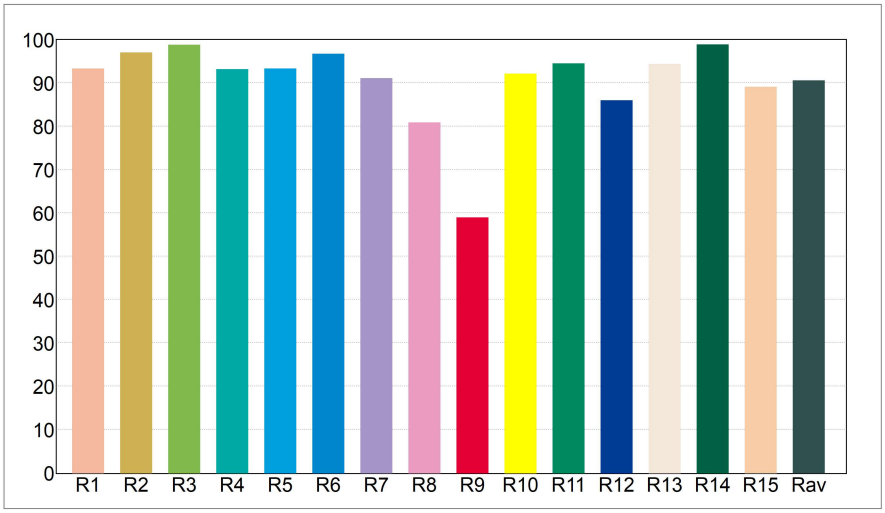


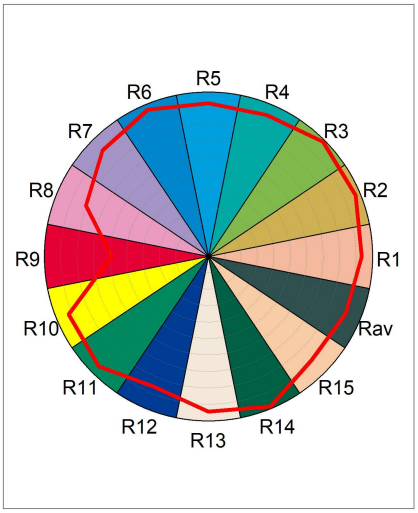


Luminaire
Code 26101317119
Name Tanit M/29/R
Measurem.
Code CL092A24D007VP
Name Tanit M/29/R

Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical

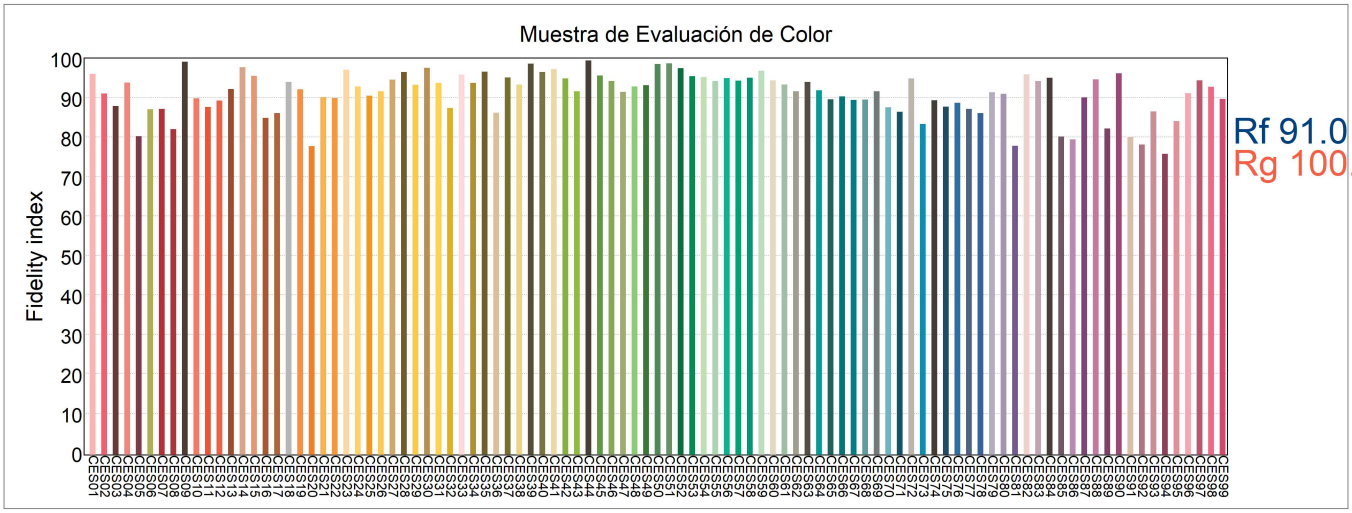
CRI Graphs



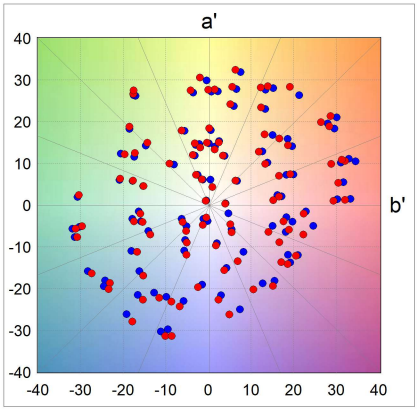


Luminaire
Code 26101317119
Name Tanit M/29/R
Measurem.
Code CL092A24D007VP
Name Tanit M/29/R

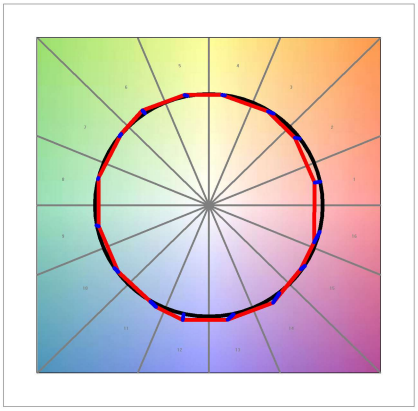
Luminaire Flux	87 lm	Luminaire Power	0.0 W	Efficacy	---	Efficiency	100.00%
Source Flux	87 lm	Maximum value	35.31 cd	Position	C=0.00 G=10.00	CG	Double Symmetrical



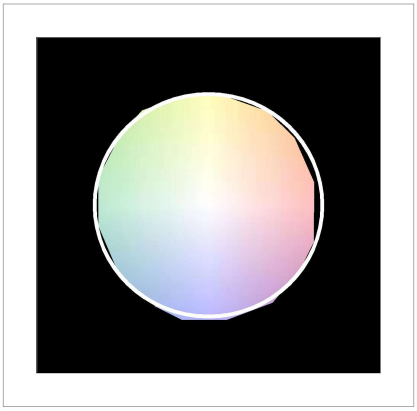
Chromatic Coordinates (a', b') 99 CES



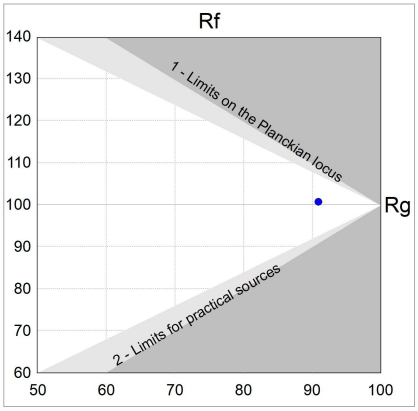
Color Vector Graphic



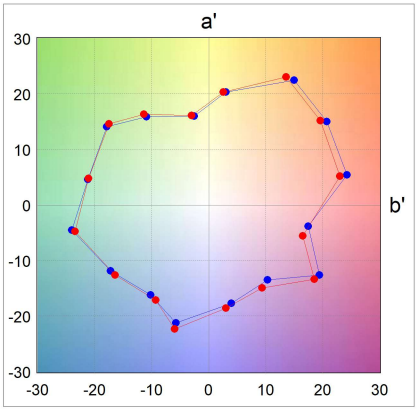
Color Distorsion Graphic



Rg vs Rf Plot



Gamut Polygon



Bin Deviation

