

Luminaire

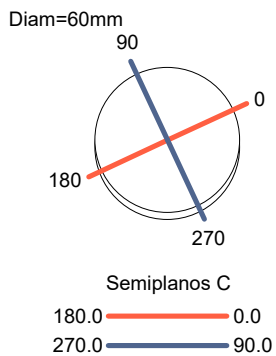
Code 705-050 - 35
Name FOCO LED 48V (35°) THE W

Measurem.

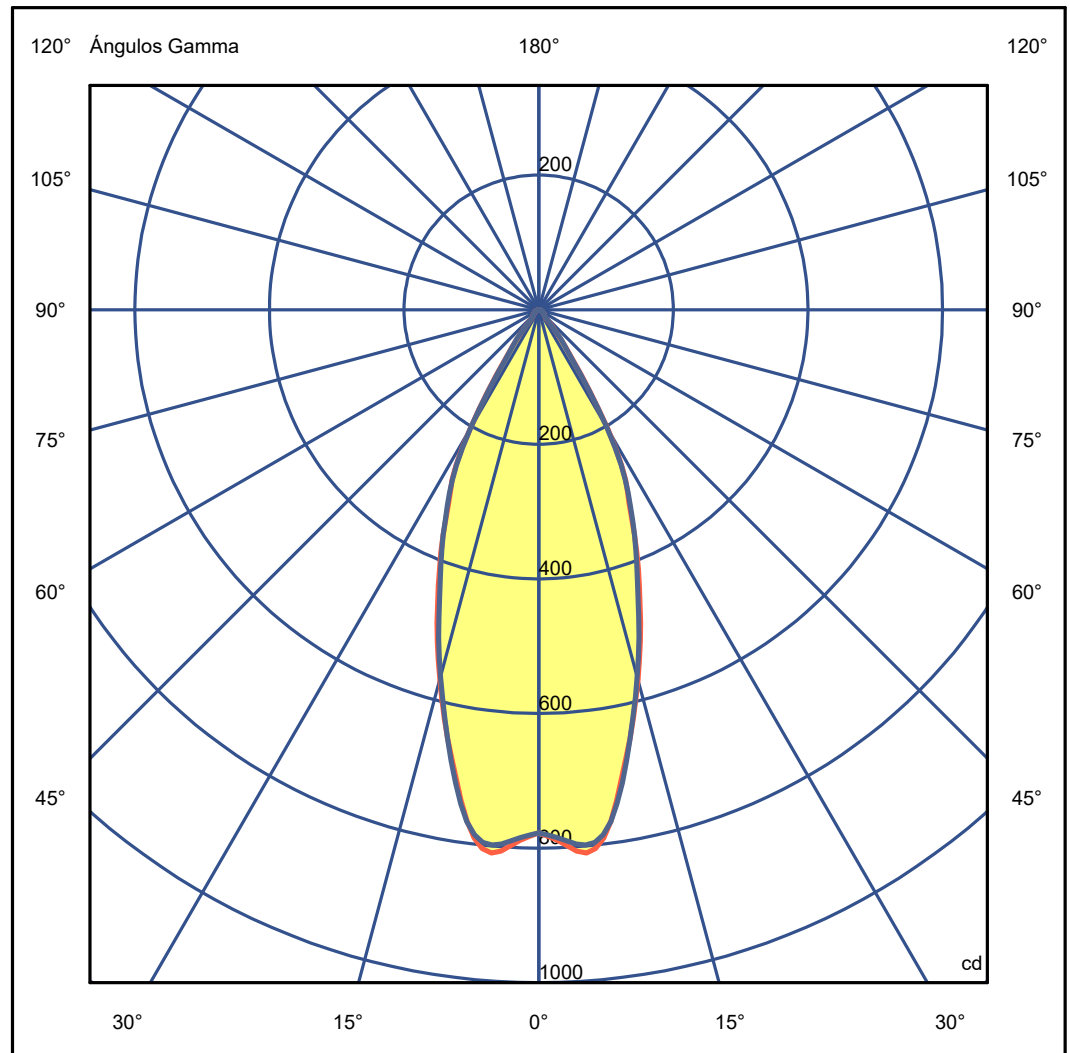
Code CL041A22F005G
Name FOCO LED 48V (35°) THE W

Luminaire Flux	457.56 lm	Luminaire Power	7.62 W	Efficacy	60.09 lm/W	Efficiency	100.00%
Sources Flux	457.56 lm	Maximum value	810.12 cd	Position	C=0.00 G=5.00	CG	Double Symmetrical
Round Luminaire		Diam.	60 mm	Height	160 mm		
Round Luminous Area		Diam.	40 mm	Height	0 mm		
Horizontal Luminous Area		0.001257 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°		0.000304 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		14-11-2022		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		457.56 lm	
Operator				Rated Voltage		48.12 V	
Temperature		24.40 °C		Rated Current		0.16 A	
Humidity		56.20 %		Photocell		Czibula Grundmann	
Notes		RM22110801.1					

Line		Code		Luminaire Sources		Flux [lm]	Pow. [W]	Q.ty
				Name		457.56	7.62	1
				LED 48V				
C.I.E.	95 98 99 100 100			D DIN 5040	A60			
F UTE	1.00 A			B NBN	BZ 1			



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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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	777.20	777.20	777.20	777.20	777.20	777.20	777.20
G 2.5	792.64	778.42	791.22	773.84	788.52	771.18	787.40
G 5.0	810.12	774.57	807.57	764.79	801.53	756.90	798.40
G 7.5	779.98	749.81	781.44	739.91	779.46	730.76	777.87
G 10.0	707.70	697.06	711.74	694.90	715.47	687.43	713.62
G 12.5	637.54	627.68	639.55	628.40	638.35	623.12	636.13
G 15.0	568.86	560.08	571.01	560.24	568.60	549.58	564.88
G 17.5	502.54	494.00	506.10	498.36	502.40	483.13	494.93
G 20.0	436.39	430.82	441.99	437.48	438.05	419.89	428.05
G 22.5	376.33	371.58	383.39	379.50	378.21	363.05	374.37
G 25.0	317.32	320.55	325.93	323.40	324.91	316.26	321.52
G 27.5	273.78	258.84	272.93	258.27	273.57	250.97	272.46
G 30.0	204.97	198.14	199.29	194.23	199.74	187.47	203.45
G 32.5	129.74	138.61	123.08	134.21	120.18	130.16	124.44
G 35.0	77.17	90.33	71.97	86.07	72.89	82.87	74.87
G 37.5	48.50	47.33	49.29	46.60	51.33	42.31	48.96
G 40.0	20.82	29.20	20.49	32.76	22.46	31.14	19.13
G 42.5	12.81	15.35	13.00	16.40	12.95	15.73	12.82
G 45.0	11.76	11.60	11.73	11.64	11.74	11.53	11.70
G 47.5	10.87	10.69	10.88	10.62	10.94	10.63	10.91
G 50.0	10.08	9.93	10.11	9.91	10.20	9.93	10.15
G 52.5	9.37	9.20	9.37	9.21	9.46	9.23	9.46
G 55.0	8.58	8.43	8.59	8.45	8.66	8.51	8.67
G 57.5	7.76	7.68	7.75	7.68	7.86	7.72	7.85
G 60.0	7.09	6.96	7.08	6.95	7.16	6.98	7.12
G 62.5	6.43	6.31	6.41	6.30	6.48	6.30	6.44
G 65.0	5.78	5.68	5.78	5.66	5.81	5.66	5.81
G 67.5	5.16	5.06	5.13	5.02	5.17	5.01	5.14
G 70.0	4.53	4.44	4.51	4.43	4.53	4.39	4.51
G 72.5	3.94	3.87	3.92	3.83	3.91	3.80	3.88
G 75.0	3.35	3.30	3.35	3.28	3.33	3.23	3.29
G 77.5	2.81	2.76	2.79	2.72	2.79	2.68	2.76
G 80.0	2.27	2.22	2.25	2.18	2.24	2.15	2.21
G 82.5	1.72	1.70	1.70	1.67	1.70	1.64	1.68
G 85.0	1.22	1.19	1.21	1.17	1.19	1.14	1.16
G 87.5	0.71	0.71	0.69	0.70	0.66	0.67	0.65
G 90.0	0.47	0.42	0.42	0.42	0.42	0.40	0.42

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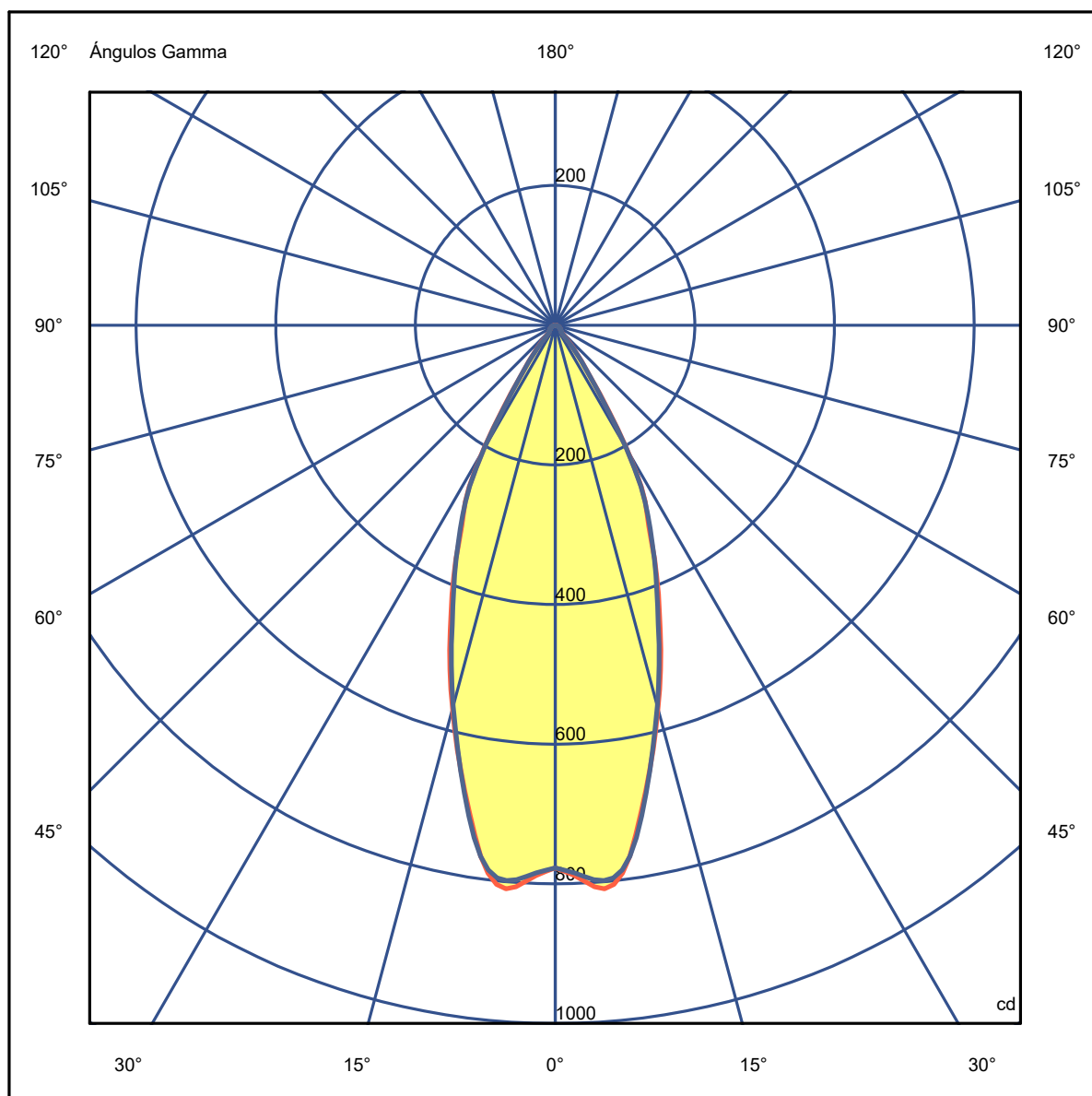
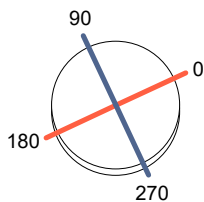
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Sources Flux	457.56 lm	Maximum value	810.12 cd	Position	C=0.00 G=5.00	CG	Double Symmetrical

Diam=60mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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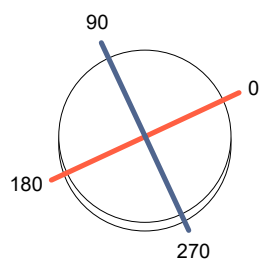
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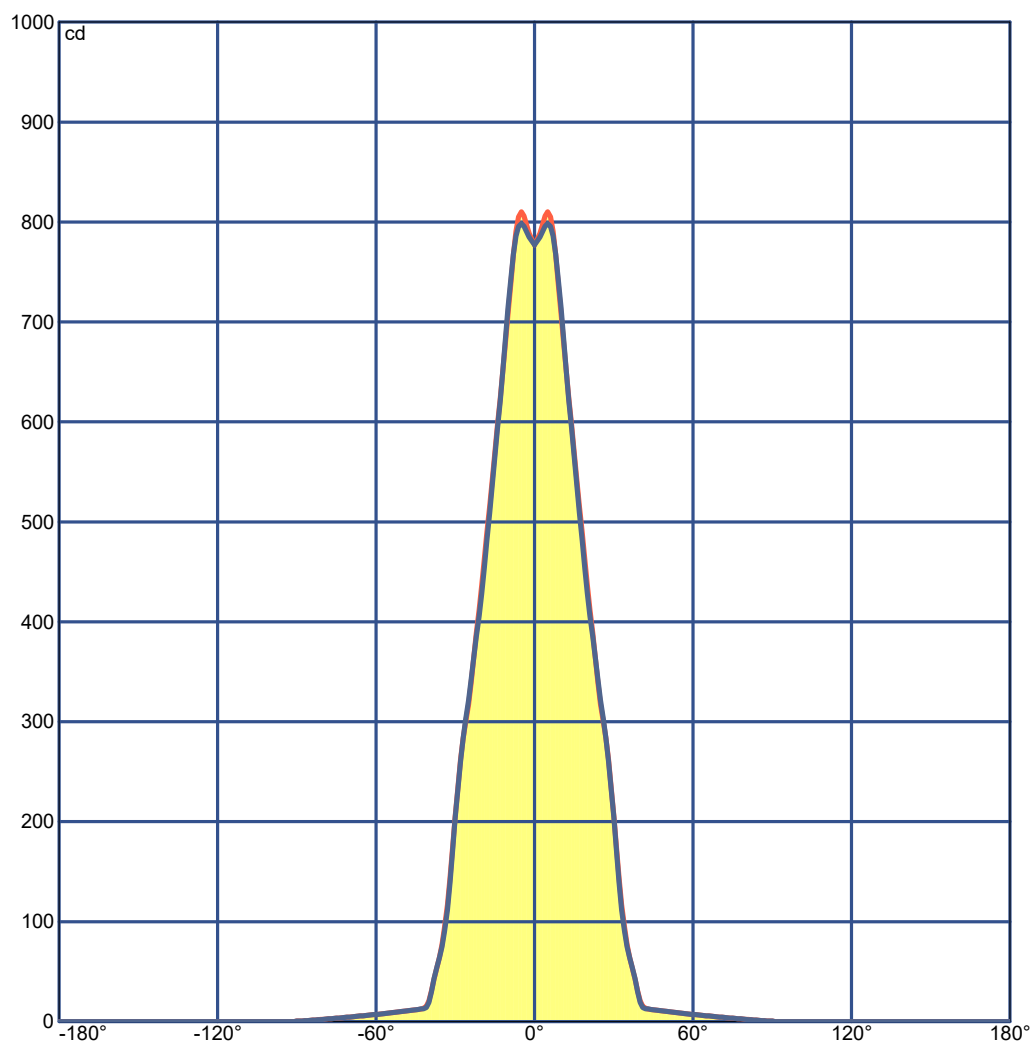
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UGR
S = 0.250

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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.9	18.6	18.1	18.8	18.9	17.7	18.4	17.9	18.6	18.8
x=2H y=3H	18.3	18.9	18.6	19.2	19.4	18.1	18.8	18.4	19.0	19.2
x=2H y=4H	18.6	19.2	18.9	19.4	19.7	18.4	19.0	18.7	19.2	19.5
x=2H y=6H	18.8	19.4	19.1	19.6	19.9	18.6	19.2	19.0	19.5	19.7
x=2H y=8H	18.9	19.4	19.2	19.7	20.0	18.7	19.3	19.1	19.5	19.8
x=2H y=12H	19.0	19.5	19.3	19.8	20.1	18.8	19.3	19.2	19.6	19.9
x=4H y=2H	17.9	18.5	18.2	18.8	19.0	17.8	18.4	18.1	18.6	18.9
x=4H y=3H	18.6	19.1	18.9	19.4	19.7	18.4	18.9	18.8	19.2	19.5
x=4H y=4H	19.0	19.4	19.3	19.7	20.1	18.8	19.2	19.2	19.6	19.9
x=4H y=6H	19.3	19.7	19.7	20.1	20.5	19.2	19.6	19.6	19.9	20.3
x=4H y=8H	19.5	19.8	19.9	20.2	20.6	19.4	19.7	19.8	20.1	20.5
x=4H y=12H	19.7	19.9	20.1	20.3	20.8	19.5	19.8	19.9	20.2	20.6
x=8H y=4H	19.1	19.4	19.5	19.8	20.2	19.0	19.3	19.4	19.7	20.1
x=8H y=6H	19.6	19.8	20.1	20.3	20.7	19.5	19.7	19.9	20.1	20.6
x=8H y=8H	19.9	20.1	20.3	20.5	21.0	19.7	19.9	20.2	20.4	20.8
x=8H y=12H	20.1	20.3	20.6	20.7	21.2	19.9	20.1	20.4	20.6	21.1
x=12H y=4H	19.4	19.7	19.8	20.0	20.5	19.3	19.5	19.7	19.9	20.4
x=12H y=6H	19.9	20.1	20.3	20.5	21.0	19.8	20.0	20.2	20.4	20.9
x=12H y=8H	20.1	20.3	20.6	20.8	21.3	20.0	20.2	20.5	20.7	21.1

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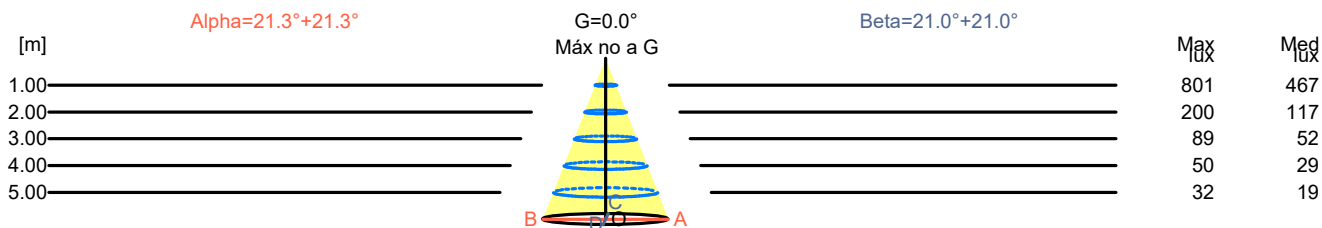
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Width at 50.00 % of Max Intensity

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	0.39	0.78	1.17	1.56	1.95	OC	0.38	0.77	1.15	1.54	1.92
OB	0.39	0.78	1.17	1.56	1.95	OD	0.38	0.77	1.15	1.54	1.92

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	777.20	810.12	568.86	317.32	77.17	11.76	8.58	5.78	3.35	1.22
OB	777.20	810.12	568.86	317.32	77.17	11.76	8.58	5.78	3.35	1.22
OC	777.20	798.40	564.88	321.52	74.87	11.70	8.67	5.81	3.29	1.16
OD	777.20	798.40	564.88	321.52	74.87	11.70	8.67	5.81	3.29	1.16



H[m]	D[m]	Max lux	Med lux	Alpha=21.3°+21.3°	G=0.0 Máx no a G
1.00	0.78	801	467		
2.00	1.56	200	117		
3.00	2.34	89	52		
4.00	3.12	50	29		
5.00	3.90	32	19		

H[m]	D[m]	Max lux	Med lux	Beta=21.0°+21.0°	G=0.0 Máx no a G
1.00	0.77	801	467		
2.00	1.54	200	117		
3.00	2.31	89	52		
4.00	3.08	50	29		
5.00	3.84	32	19		

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Isolux (Floor)

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

