

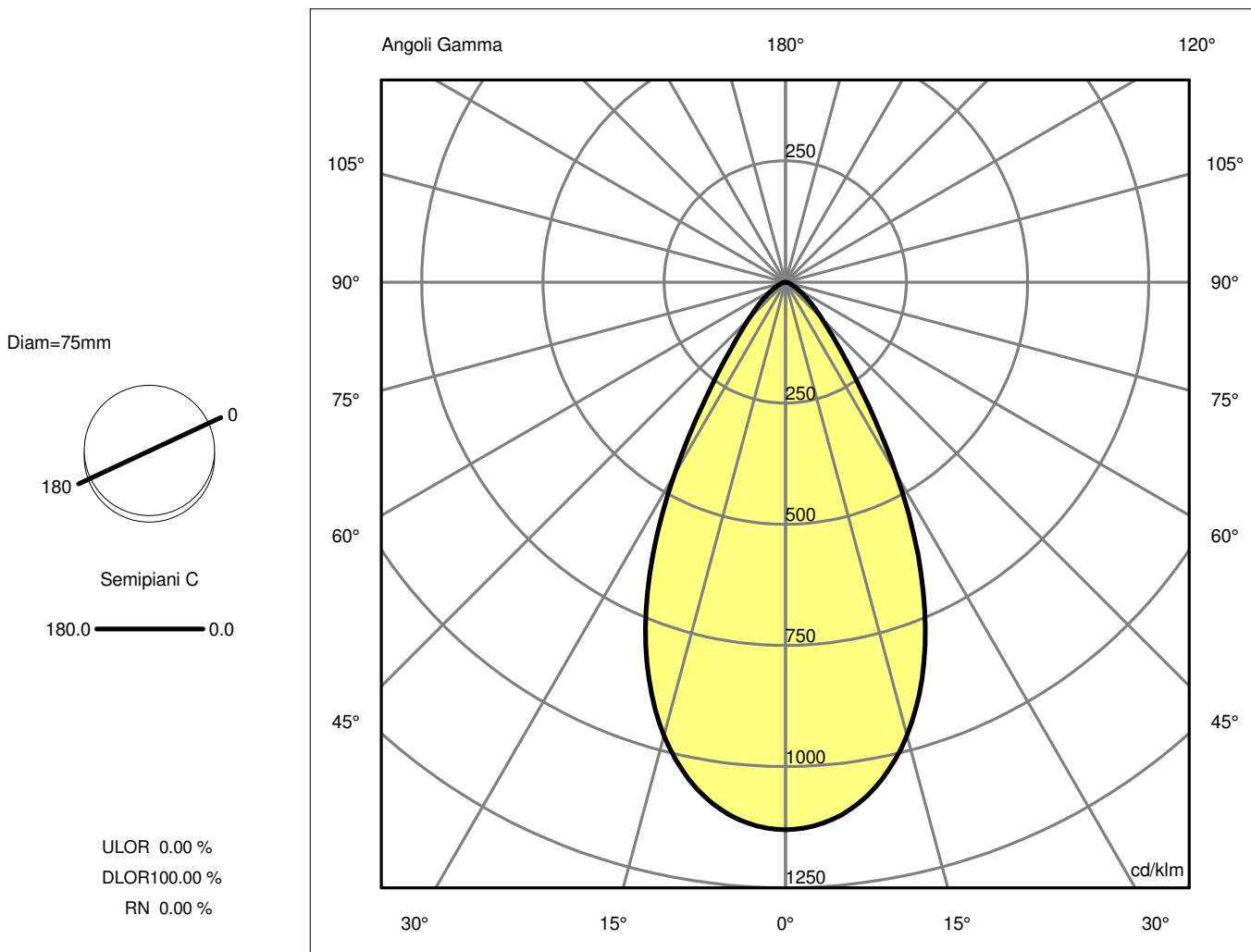
Luminaire

Code NL1907160K002
 Name Parabola 80 Square 60° finitura grigia 3000K

Measurem.

Code FTS1601822
 Name Parabola 80 Square 60° finitura grigia 3000K

Luminaire Flux	1019.09 lm	Luminaire Power	12.00 W	Efficacy	84.92 lm/W	Efficiency	100.00%
Lamps Flux	1019.09 lm	Maximum value	1129.90 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 75 mm Diam. 55 mm	Height	90 mm	Height	0 mm		
Horizontal Luminous Area	0.002376 m ²	Emitting area on Plane 180°			0.000000 m ²		
Emitting area on Plane 0°	0.000000 m ²	Emitting area on Plane 270°			0.000000 m ²		
Emitting area on Plane 90°	0.000000 m ²	Glare area at 76°			0.000575 m ²		
Coordinate system	CG	Symmetry Type			Rotosymmetrical		
Date	25-11-2014	Maximum Gamma Angle			90		
Measurement Distance	0.00	Measurement Flux			1019.09 lm		
LED Flux=1512lm LED Power=12W Eff=67,4% EfcLed=126lm/W EfcLum=85lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	87 97 100 100 100	D DIN 5040		A60			
F UTE	1.00 A	B NBN		BZ 1			



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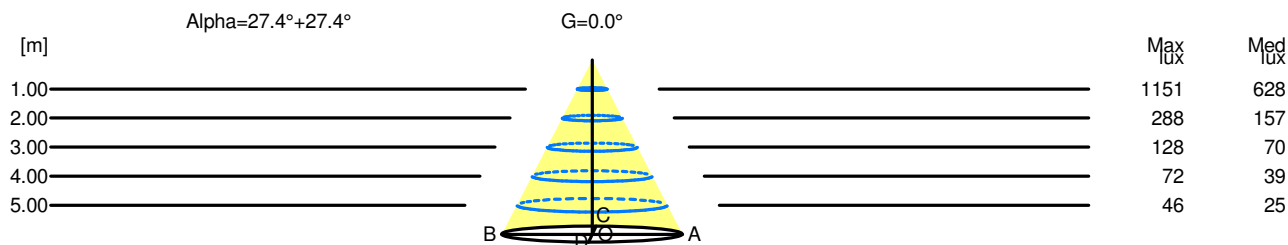
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Lamps Flux	1019.09 lm	Maximum value	1129.90 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	75 mm 55 mm	Height Height	90 mm 0 mm		
Horizontal Luminous Area	0.002376 m2			Emitting area on Plane 180°	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°	0.000575 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	25-11-2014			Maximum Gamma Angle	90		
Measurement Distance	0.00			Measurement Flux	1019.09 lm		
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C.I.E.	87 97 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

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	0.52	1.04	1.56	2.08	2.59	OC	0.52	1.04	1.56	2.08	2.59
OB	0.52	1.04	1.56	2.08	2.59	OD	0.52	1.04	1.56	2.08	2.59

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1151.47	1134.24	986.87	674.62	279.86	107.92	46.53	18.16	6.11	0.18
OB	1151.47	1134.24	986.87	674.62	279.86	107.92	46.53	18.16	6.11	0.18
OC	1151.47	1134.24	986.87	674.62	279.86	107.92	46.53	18.16	6.11	0.18
OD	1151.47	1134.24	986.87	674.62	279.86	107.92	46.53	18.16	6.11	0.18



H[m]	D[m]	Max lux	Med lux	Alpha=27.4°+27.4°	G=0.0
1.00	1.04	1151	628		
2.00	2.08	288	157		
3.00	3.11	128	70		
4.00	4.15	72	39		
5.00	5.19	46	25		

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Lamps Flux	1019.09 lm	Maximum value	1129.90 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	22.4	23.2	22.6	23.4	23.6	22.4	23.2	22.6	23.4	23.6
x=2H y=3H	22.5	23.3	22.8	23.5	23.7	22.5	23.3	22.8	23.5	23.7
x=2H y=4H	22.6	23.2	22.9	23.5	23.8	22.6	23.2	22.9	23.5	23.8
x=2H y=6H	22.5	23.1	22.8	23.4	23.7	22.5	23.1	22.8	23.4	23.7
x=2H y=8H	22.5	23.1	22.8	23.4	23.7	22.5	23.1	22.8	23.4	23.7
x=2H y=12H	22.5	23.0	22.8	23.3	23.6	22.5	23.0	22.8	23.3	23.6
x=4H y=2H	22.4	23.1	22.7	23.3	23.6	22.4	23.1	22.7	23.3	23.6
x=4H y=3H	22.7	23.2	23.0	23.5	23.9	22.7	23.2	23.0	23.5	23.9
x=4H y=4H	22.7	23.2	23.1	23.5	23.9	22.7	23.2	23.1	23.5	23.9
x=4H y=6H	22.7	23.1	23.1	23.5	23.9	22.7	23.1	23.1	23.5	23.9
x=4H y=8H	22.7	23.0	23.1	23.4	23.8	22.7	23.0	23.1	23.4	23.8
x=4H y=12H	22.6	23.0	23.1	23.4	23.8	22.6	23.0	23.1	23.4	23.8
x=8H y=4H	22.7	23.1	23.1	23.5	23.9	22.7	23.1	23.1	23.5	23.9
x=8H y=6H	22.7	23.0	23.1	23.4	23.8	22.7	23.0	23.1	23.4	23.8
x=8H y=8H	22.6	22.9	23.1	23.3	23.8	22.6	22.9	23.1	23.3	23.8
x=8H y=12H	22.6	22.8	23.1	23.3	23.7	22.6	22.8	23.1	23.3	23.7
x=12H y=4H	22.7	23.0	23.1	23.4	23.8	22.7	23.0	23.1	23.4	23.8
x=12H y=6H	22.6	22.9	23.1	23.3	23.8	22.6	22.9	23.1	23.3	23.8
x=12H y=8H	22.6	22.8	23.1	23.3	23.7	22.6	22.8	23.1	23.3	23.7