

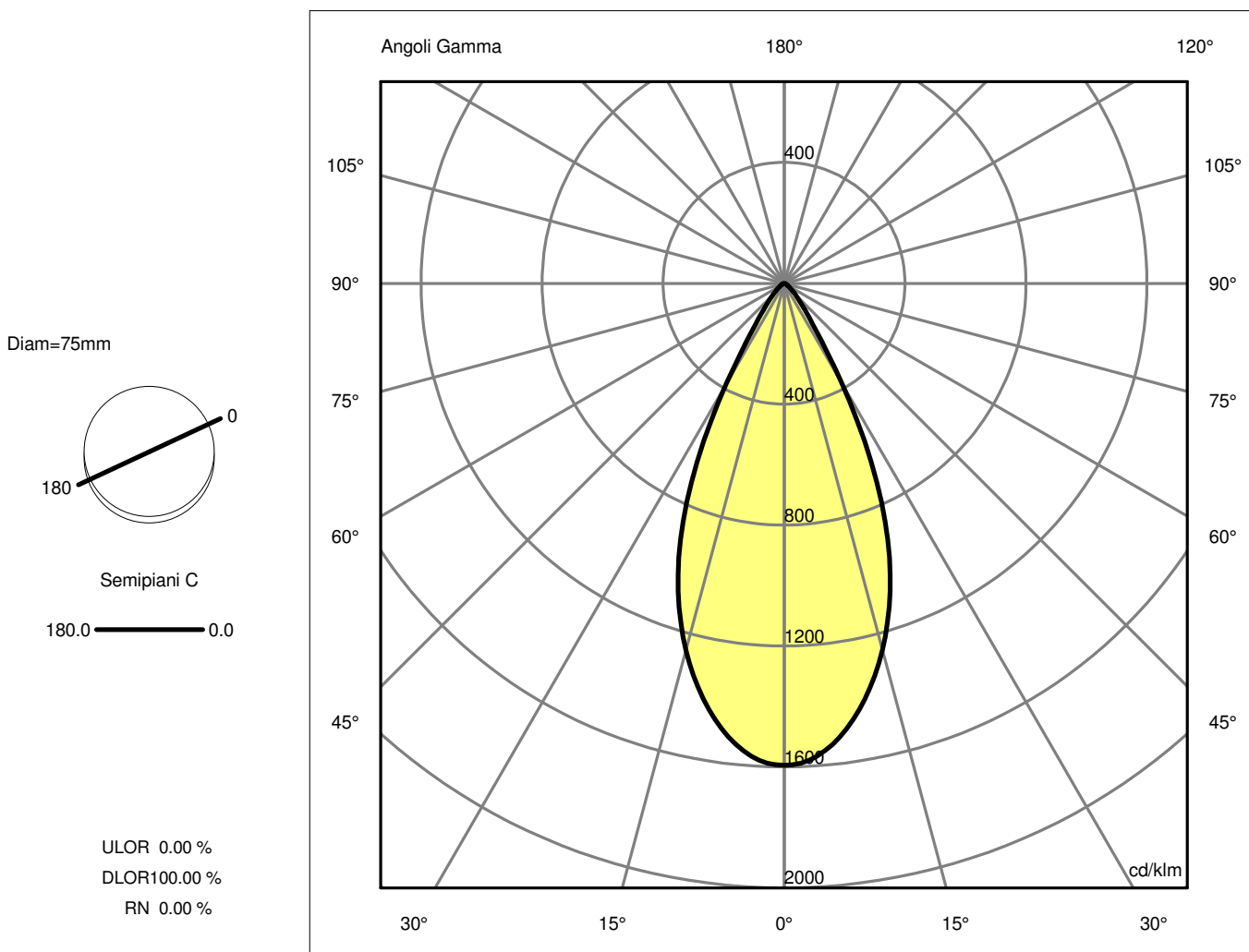
## Luminaire

Code NL1907140K004  
 Name Parabola 80 Square 40° finitura nera 3000K

## Measurem.

Code FTS1601807  
 Name Parabola 80 Square 40° finitura nera 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	1594.45 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam.	75 mm	Height	90 mm		
		Diam.	55 mm	Height	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	21-01-2015	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.	94 99 100 100 100	D DIN 5040		A60			
F UTE	1.00 A	B NBN		BZ 1			



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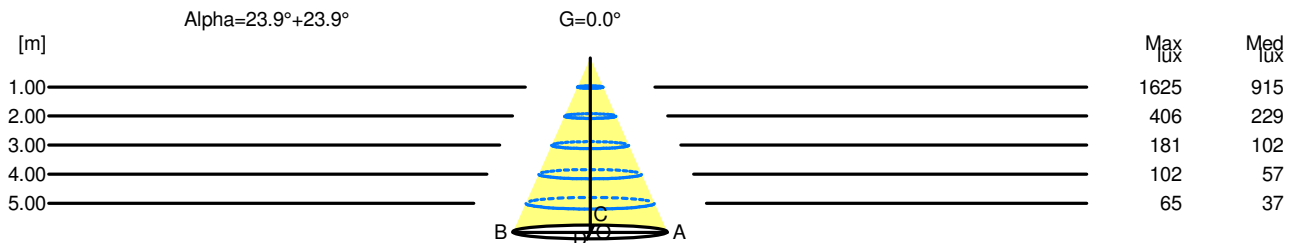
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Lamps Flux	1019.09 lm	Maximum value	1594.45 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	75 mm 55 mm	Height Height	90 mm 0 mm		
Horizontal Luminous Area	0.002376 m2			Emitting area on Plane 180°	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		
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C.I.E.	94 99 100 100 100			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	0.44	0.89	1.33	1.77	2.22	OC	0.44	0.89	1.33	1.77	2.22
OB	0.44	0.89	1.33	1.77	2.22	OD	0.44	0.89	1.33	1.77	2.22

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1624.89	1581.20	1278.90	739.94	168.24	52.01	19.59	8.60	3.56	0.00
OB	1624.89	1581.20	1278.90	739.94	168.24	52.01	19.59	8.60	3.56	0.00
OC	1624.89	1581.20	1278.90	739.94	168.24	52.01	19.59	8.60	3.56	0.00
OD	1624.89	1581.20	1278.90	739.94	168.24	52.01	19.59	8.60	3.56	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=23.9°+23.9°	G=0.0
1.00	0.89	1625	915		
2.00	1.77	406	229		
3.00	2.66	181	102		
4.00	3.55	102	57		
5.00	4.44	65	37		

**Luminaire**

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**Measurement**

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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	1594.45 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	18.1	18.8	18.3	19.0	19.2	18.1	18.8	18.3	19.0	19.2
x=2H y=3H	18.2	18.9	18.5	19.1	19.3	18.2	18.9	18.5	19.1	19.3
x=2H y=4H	18.3	18.9	18.6	19.1	19.4	18.3	18.9	18.6	19.1	19.4
x=2H y=6H	18.3	18.8	18.6	19.1	19.4	18.3	18.8	18.6	19.1	19.4
x=2H y=8H	18.2	18.7	18.6	19.0	19.3	18.2	18.7	18.6	19.0	19.3
x=2H y=12H	18.2	18.7	18.5	19.0	19.3	18.2	18.7	18.5	19.0	19.3
x=4H y=2H	18.1	18.7	18.4	18.9	19.2	18.1	18.7	18.4	18.9	19.2
x=4H y=3H	18.3	18.8	18.7	19.1	19.4	18.3	18.8	18.7	19.1	19.4
x=4H y=4H	18.4	18.8	18.8	19.2	19.5	18.4	18.8	18.8	19.2	19.5
x=4H y=6H	18.4	18.8	18.8	19.1	19.5	18.4	18.8	18.8	19.1	19.5
x=4H y=8H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5
x=4H y=12H	18.3	18.6	18.8	19.0	19.4	18.3	18.6	18.8	19.0	19.4
x=8H y=4H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5
x=8H y=6H	18.4	18.6	18.8	19.0	19.5	18.4	18.6	18.8	19.0	19.5
x=8H y=8H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4
x=8H y=12H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4
x=12H y=4H	18.4	18.6	18.8	19.0	19.5	18.4	18.6	18.8	19.0	19.5
x=12H y=6H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4
x=12H y=8H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4