

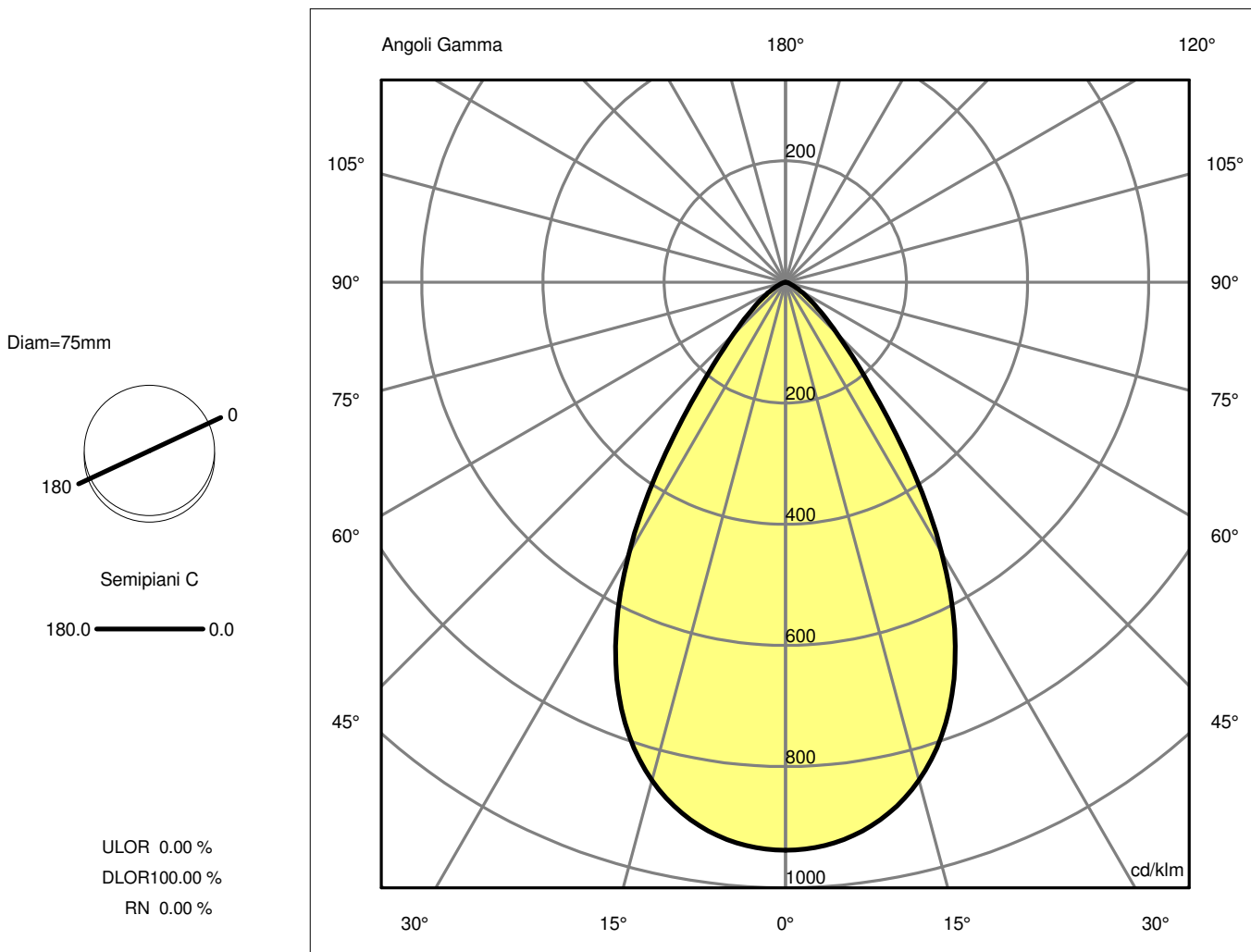
## Luminaire

Code NL1906460K004  
 Name Parabola 80 Adjustable 60° finitura nera 3000K

## Measurem.

Code FTS1601834  
 Name Parabola 80 Adjustable 60° finitura nera 3000K

Luminaire Flux	969.19 lm	Luminaire Power	12.00 W	Efficacy	80.77 lm/W	Efficiency	100.00%
Lamps Flux	969.19 lm	Maximum value	937.99 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	20-01-2015			Maximum Gamma Angle		90	
Measurement Distance	0.00			Measurement Flux		969.19 lm	
LED Flux=1512lm LED Power=12W Eff=64,1% EfcLed=126lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	86 98 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



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## Measurement

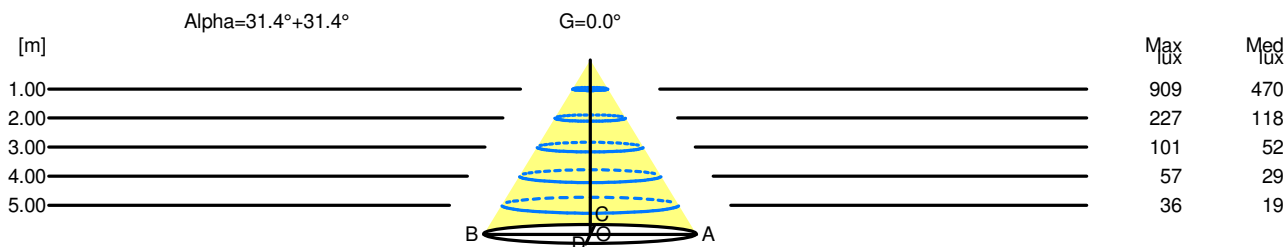
Code FTS1601834  
Name Parabola 80 Adjustable 60° finitura nera 3000K

Luminaire Flux	969.19 lm	Luminaire Power	12.00 W	Efficacy	80.77 lm/W	Efficiency	100.00%
Lamps Flux	969.19 lm	Maximum value	937.99 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	75 mm	Height	90 mm		
Round Luminous Area		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	20-01-2015			Maximum Gamma Angle	90		
Measurement Distance	0.00			Measurement Flux	969.19 lm		
LED Flux=1512lm LED Power=12W Eff=64,1% EfcLed=126lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	86 98 100 100 100			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	0.61	1.22	1.83	2.44	3.05	OC	0.61	1.22	1.83	2.44	3.05
OB	0.61	1.22	1.83	2.44	3.05	OD	0.61	1.22	1.83	2.44	3.05

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	909.10	900.59	825.07	642.76	334.09	117.52	44.92	14.71	1.64	0.00
OB	909.10	900.59	825.07	642.76	334.09	117.52	44.92	14.71	1.64	0.00
OC	909.10	900.59	825.07	642.76	334.09	117.52	44.92	14.71	1.64	0.00
OD	909.10	900.59	825.07	642.76	334.09	117.52	44.92	14.71	1.64	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=31.4°+31.4°	G=0.0
1.00	1.22	909	470		
2.00	2.44	227	118		
3.00	3.66	101	52		
4.00	4.89	57	29		
5.00	6.11	36	19		

**Luminaire**

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**Measurement**

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Luminaire Flux	969.19 lm	Luminaire Power	12.00 W	Efficacy	80.77 lm/W	Efficiency	100.00%
Lamps Flux	969.19 lm	Maximum value	937.99 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	23.1	23.9	23.4	24.1	24.3	23.1	23.9	23.4	24.1	24.3
x=2H y=3H	23.1	23.8	23.4	24.0	24.3	23.1	23.8	23.4	24.0	24.3
x=2H y=4H	23.0	23.7	23.3	23.9	24.2	23.0	23.7	23.3	23.9	24.2
x=2H y=6H	23.0	23.6	23.3	23.8	24.1	23.0	23.6	23.3	23.8	24.1
x=2H y=8H	22.9	23.5	23.2	23.8	24.1	22.9	23.5	23.2	23.8	24.1
x=2H y=12H	22.9	23.4	23.2	23.7	24.1	22.9	23.4	23.2	23.7	24.1
x=4H y=2H	23.1	23.7	23.4	24.0	24.3	23.1	23.7	23.4	24.0	24.3
x=4H y=3H	23.1	23.6	23.4	23.9	24.2	23.1	23.6	23.4	23.9	24.2
x=4H y=4H	23.0	23.5	23.4	23.8	24.2	23.0	23.5	23.4	23.8	24.2
x=4H y=6H	22.9	23.3	23.3	23.7	24.1	22.9	23.3	23.3	23.7	24.1
x=4H y=8H	22.9	23.3	23.3	23.6	24.0	22.9	23.3	23.3	23.6	24.0
x=4H y=12H	22.9	23.2	23.3	23.6	24.0	22.9	23.2	23.3	23.6	24.0
x=8H y=4H	22.9	23.3	23.3	23.7	24.1	22.9	23.3	23.3	23.7	24.1
x=8H y=6H	22.8	23.1	23.3	23.5	24.0	22.8	23.1	23.3	23.5	24.0
x=8H y=8H	22.8	23.0	23.2	23.5	23.9	22.8	23.0	23.2	23.5	23.9
x=8H y=12H	22.7	22.9	23.2	23.4	23.9	22.7	22.9	23.2	23.4	23.9
x=12H y=4H	22.9	23.2	23.3	23.6	24.0	22.9	23.2	23.3	23.6	24.0
x=12H y=6H	22.8	23.0	23.2	23.5	23.9	22.8	23.0	23.2	23.5	23.9
x=12H y=8H	22.7	22.9	23.2	23.4	23.9	22.7	22.9	23.2	23.4	23.9