

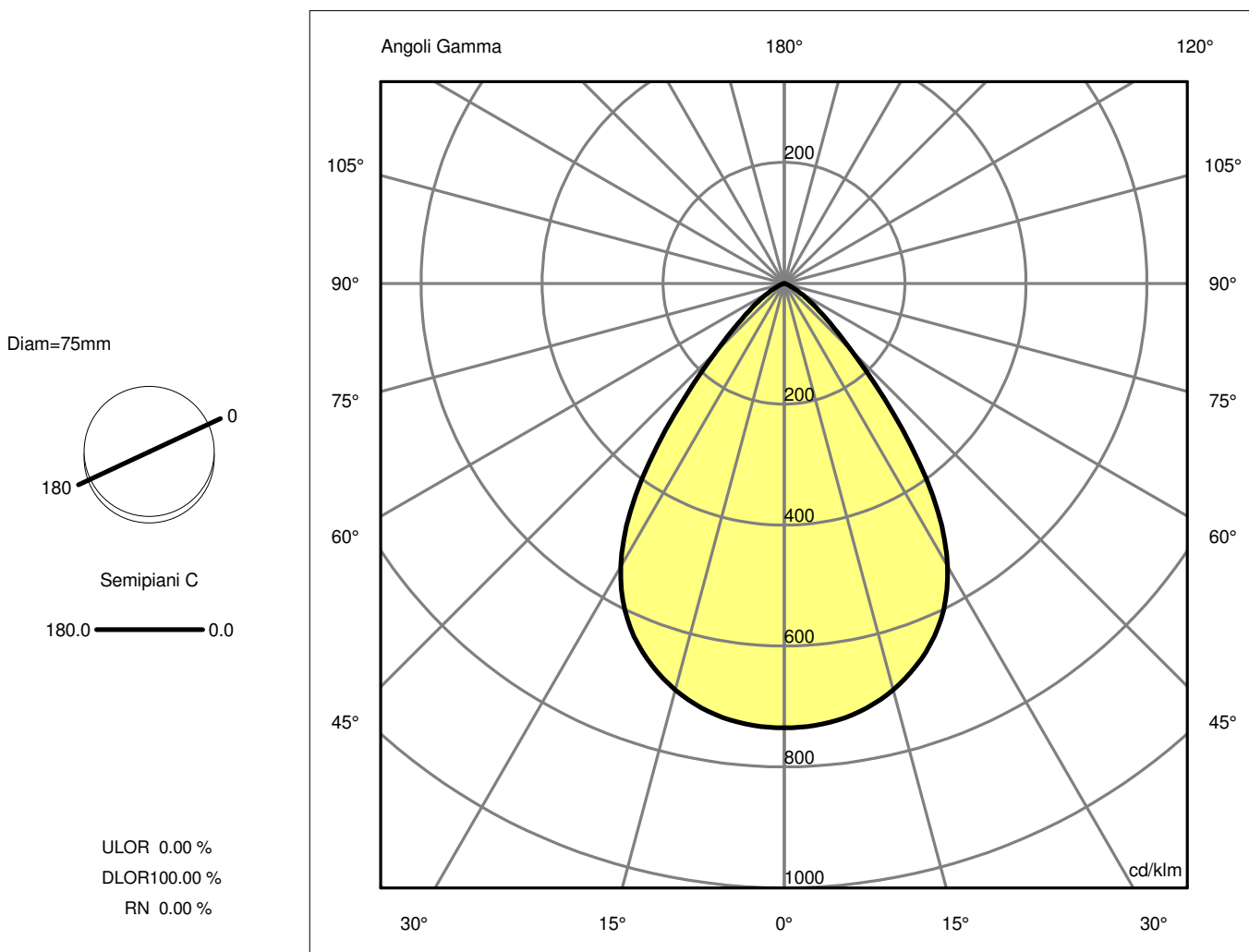
## Luminaire

Code NL1907180Y002  
 Name Parabola 80 Square 80° finitura grigia 2700K

## Measurem.

Code FTS1601841  
 Name Parabola 80 Square 80° finitura grigia 2700K

Luminaire Flux	1027.37 lm	Luminaire Power	12.00 W	Efficacy	85.61 lm/W	Efficiency	100.00%
Lamps Flux	1027.37 lm	Maximum value	735.18 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 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			1027.37 lm		
LED Flux=1447lm LED Power=12W Eff=71% EfcLed=121lm/W EfcLum=86lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	83 98 100 100 100	D DIN 5040			A60		
F UTE	1.00 B	B NBN			BZ 1		



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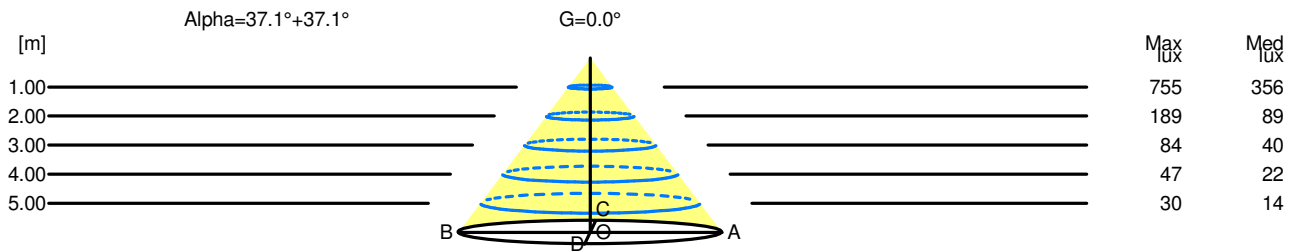
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Lamps Flux	1027.37 lm	Maximum value	735.18 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	75 mm	Height	90 mm		
Round Luminous Area		Diam.	55 mm	Height	0 mm		
Horizontal Luminous Area	0.002376 m2			Emitting area on Plane 180°	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		
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C.I.E.	83 98 100 100 100			D DIN 5040	A60		
F UTE	1.00 B			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	0.76	1.51	2.27	3.03	3.78	OC	0.76	1.51	2.27	3.03	3.78
OB	0.76	1.51	2.27	3.03	3.78	OD	0.76	1.51	2.27	3.03	3.78

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	755.30	751.45	714.96	629.90	439.75	162.19	53.84	13.69	1.52	0.22
OB	755.30	751.45	714.96	629.90	439.75	162.19	53.84	13.69	1.52	0.22
OC	755.30	751.45	714.96	629.90	439.75	162.19	53.84	13.69	1.52	0.22
OD	755.30	751.45	714.96	629.90	439.75	162.19	53.84	13.69	1.52	0.22



H[m]	D[m]	Max lux	Med lux	Alpha=37.1°+37.1°	G=0.0
1.00	1.51	755	356		
2.00	3.03	189	89		
3.00	4.54	84	40		
4.00	6.05	47	22		
5.00	7.57	30	14		

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Lamps Flux	1027.37 lm	Maximum value	735.18 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	24.7	25.5	24.9	25.7	25.9	24.7	25.5	24.9	25.7	25.9
x=2H y=3H	24.6	25.3	24.9	25.6	25.8	24.6	25.3	24.9	25.6	25.8
x=2H y=4H	24.5	25.2	24.8	25.5	25.7	24.5	25.2	24.8	25.5	25.7
x=2H y=6H	24.5	25.1	24.8	25.4	25.7	24.5	25.1	24.8	25.4	25.7
x=2H y=8H	24.4	25.0	24.8	25.3	25.6	24.4	25.0	24.8	25.3	25.6
x=2H y=12H	24.4	25.0	24.7	25.3	25.6	24.4	25.0	24.7	25.3	25.6
x=4H y=2H	24.6	25.3	24.9	25.5	25.8	24.6	25.3	24.9	25.5	25.8
x=4H y=3H	24.5	25.1	24.9	25.4	25.7	24.5	25.1	24.9	25.4	25.7
x=4H y=4H	24.4	24.9	24.8	25.3	25.6	24.4	24.9	24.8	25.3	25.6
x=4H y=6H	24.4	24.8	24.8	25.1	25.5	24.4	24.8	24.8	25.1	25.5
x=4H y=8H	24.3	24.7	24.7	25.1	25.5	24.3	24.7	24.7	25.1	25.5
x=4H y=12H	24.3	24.6	24.7	25.0	25.5	24.3	24.6	24.7	25.0	25.5
x=8H y=4H	24.3	24.7	24.7	25.1	25.5	24.3	24.7	24.7	25.1	25.5
x=8H y=6H	24.2	24.6	24.7	25.0	25.4	24.2	24.6	24.7	25.0	25.4
x=8H y=8H	24.2	24.5	24.7	24.9	25.4	24.2	24.5	24.7	24.9	25.4
x=8H y=12H	24.2	24.4	24.6	24.8	25.3	24.2	24.4	24.6	24.8	25.3
x=12H y=4H	24.3	24.6	24.7	25.0	25.5	24.3	24.6	24.7	25.0	25.5
x=12H y=6H	24.2	24.5	24.7	24.9	25.4	24.2	24.5	24.7	24.9	25.4
x=12H y=8H	24.2	24.4	24.6	24.8	25.3	24.2	24.4	24.6	24.8	25.3