

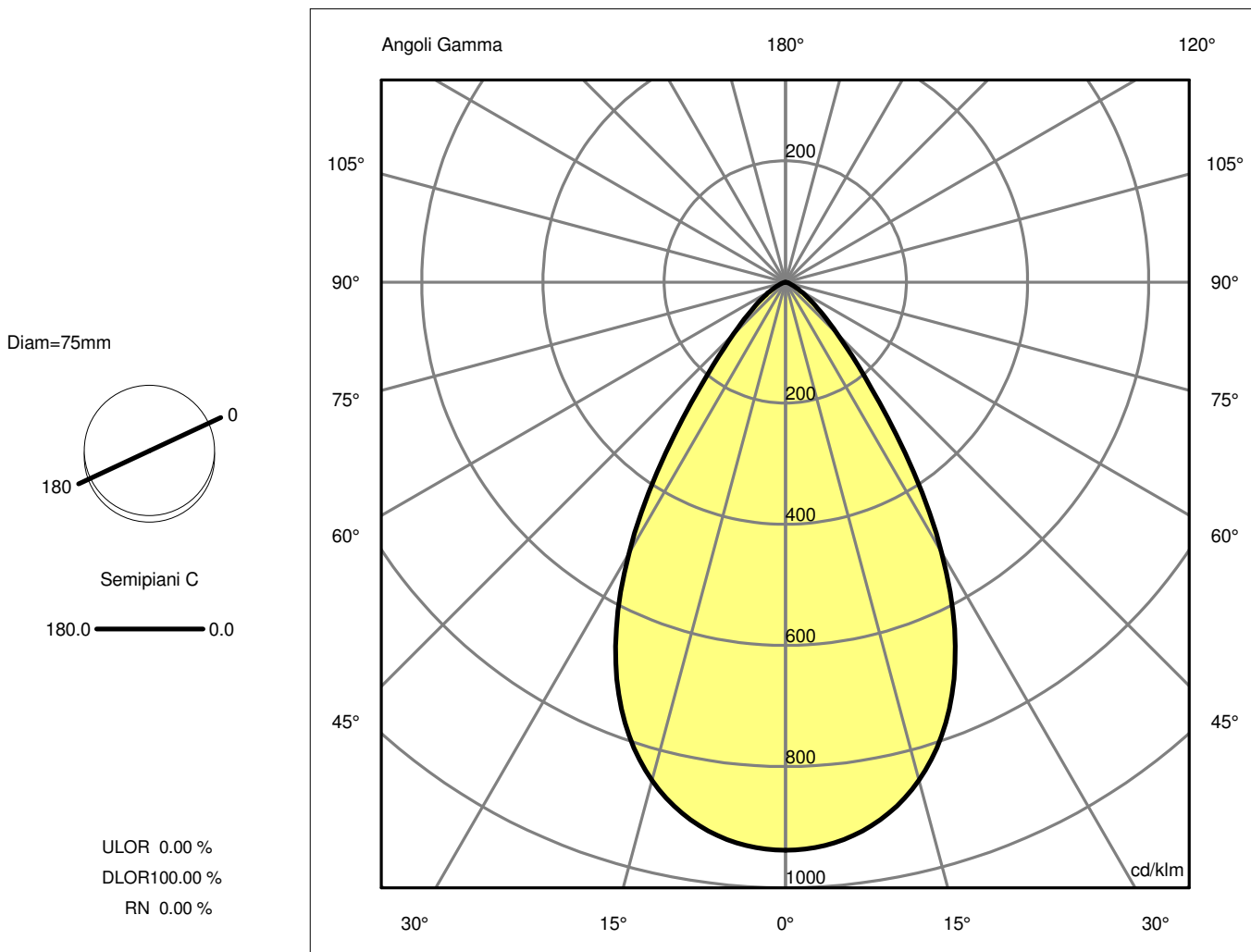
## Luminaire

Code NL1907160Y004  
 Name Parabola 80 Square 60° finitura nera 2700K

## Measurem.

Code FTS1601826  
 Name Parabola 80 Square 60° finitura nera 2700K

Luminaire Flux	927.53 lm	Luminaire Power	12.00 W	Efficacy	77.29 lm/W	Efficiency	100.00%
Lamps Flux	927.53 lm	Maximum value	937.99 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			927.53 lm		
LED Flux=1447lm LED Power=12W Eff=64,1% EfcLed=121lm/W EfcLum=77lm/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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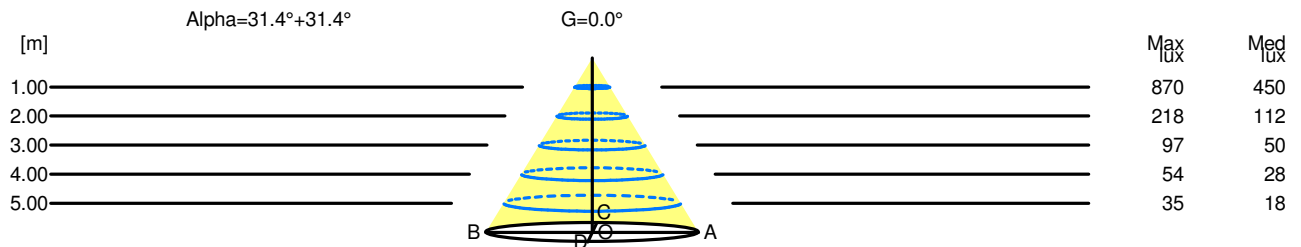
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Luminaire Flux	927.53 lm	Luminaire Power	12.00 W	Efficacy	77.29 lm/W	Efficiency	100.00%
Lamps Flux	927.53 lm	Maximum value	937.99 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	75 mm 55 mm	Height Height	90 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.002376 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000575 m2	
Coordinate system Date Measurement Distance		CG 20-01-2015 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 90 927.53 lm	
LED Flux=1447lm LED Power=12W Eff=64,1% EfcLed=121lm/W EfcLum=77lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E. F UTE	86 98 100 1.00 A			D DIN 5040 B NBN	A60 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	870.02	861.87	789.60	615.13	319.73	112.47	42.99	14.08	1.57	0.00
OB	870.02	861.87	789.60	615.13	319.73	112.47	42.99	14.08	1.57	0.00
OC	870.02	861.87	789.60	615.13	319.73	112.47	42.99	14.08	1.57	0.00
OD	870.02	861.87	789.60	615.13	319.73	112.47	42.99	14.08	1.57	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=31.4°+31.4°	G=0.0
1.00	1.22	870	450		
2.00	2.44	218	112		
3.00	3.66	97	50		
4.00	4.89	54	28		
5.00	6.11	35	18		

**Luminaire**

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**Measurement**

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 Name Parabola 80 Square 60° finitura nera 2700K

Luminaire Flux	927.53 lm	Luminaire Power	12.00 W	Efficacy	77.29 lm/W	Efficiency	100.00%
Lamps Flux	927.53 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	22.9	23.7	23.2	23.9	24.2	22.9	23.7	23.2	23.9	24.2
x=2H y=3H	22.9	23.7	23.2	23.9	24.1	22.9	23.7	23.2	23.9	24.1
x=2H y=4H	22.9	23.5	23.2	23.8	24.1	22.9	23.5	23.2	23.8	24.1
x=2H y=6H	22.8	23.4	23.1	23.7	24.0	22.8	23.4	23.1	23.7	24.0
x=2H y=8H	22.8	23.3	23.1	23.6	23.9	22.8	23.3	23.1	23.6	23.9
x=2H y=12H	22.7	23.3	23.1	23.6	23.9	22.7	23.3	23.1	23.6	23.9
x=4H y=2H	22.9	23.6	23.2	23.8	24.1	22.9	23.6	23.2	23.8	24.1
x=4H y=3H	22.9	23.5	23.3	23.8	24.1	22.9	23.5	23.3	23.8	24.1
x=4H y=4H	22.9	23.3	23.2	23.7	24.0	22.9	23.3	23.2	23.7	24.0
x=4H y=6H	22.8	23.2	23.2	23.5	23.9	22.8	23.2	23.2	23.5	23.9
x=4H y=8H	22.8	23.1	23.2	23.5	23.9	22.8	23.1	23.2	23.5	23.9
x=4H y=12H	22.7	23.0	23.1	23.4	23.8	22.7	23.0	23.1	23.4	23.8
x=8H y=4H	22.8	23.1	23.2	23.5	23.9	22.8	23.1	23.2	23.5	23.9
x=8H y=6H	22.7	22.9	23.1	23.4	23.8	22.7	22.9	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	23.2	23.7	22.6	22.8	23.1	23.2	23.7
x=12H y=4H	22.7	23.0	23.2	23.4	23.9	22.7	23.0	23.2	23.4	23.9
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	23.2	23.7	22.6	22.8	23.1	23.2	23.7