

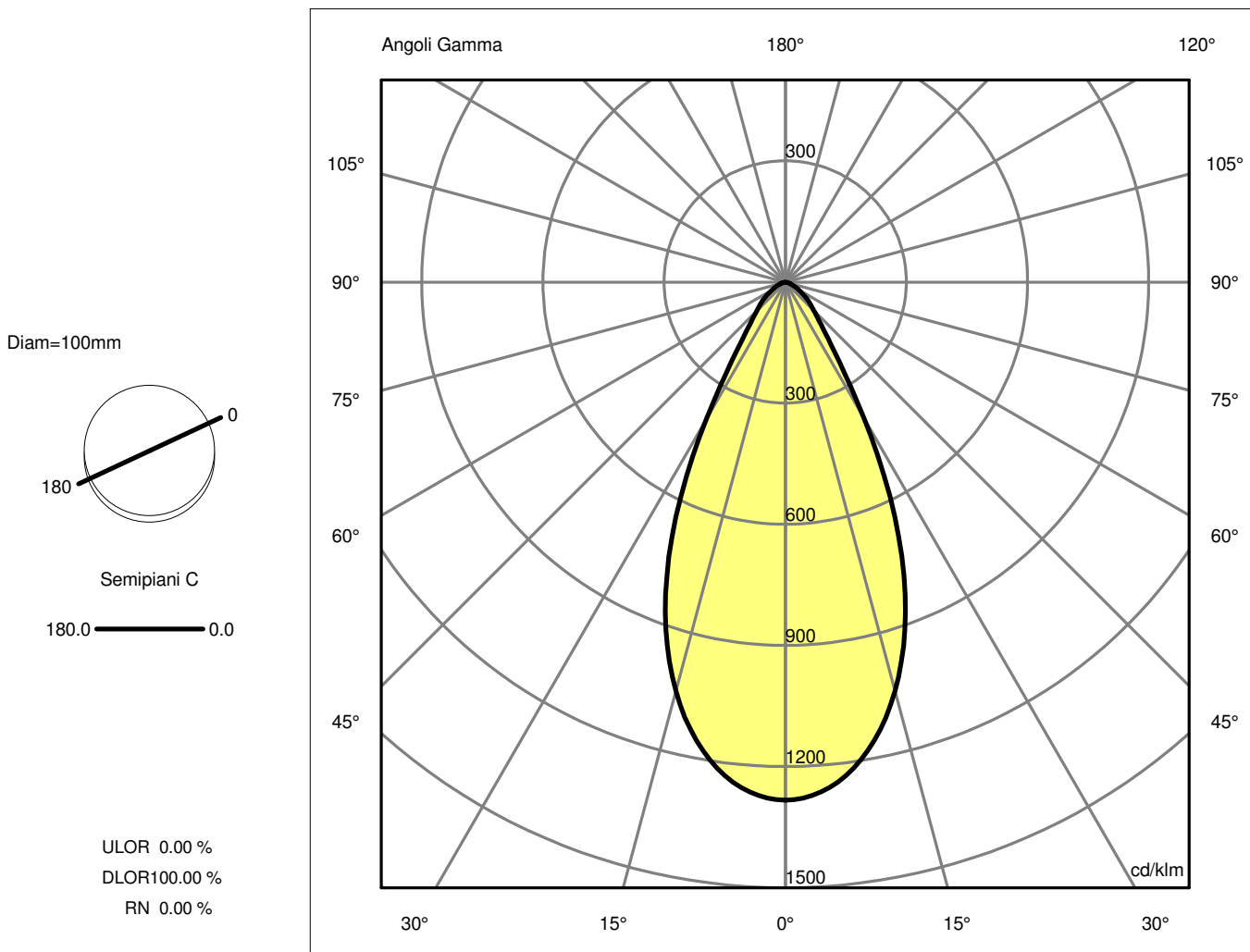
## Luminaire

Code NL1907440Y002  
 Name Parabola 100 Adjustable 40° finitura grigia 2700K

## Measurem.

Code FTS1601895  
 Name Parabola 100 Adjustable 40° finitura grigia 2700K

Luminaire Flux	1378.22 lm	Luminaire Power	17.00 W	Efficacy	81.07 lm/W	Efficiency	100.00%
Lamps Flux	1378.22 lm	Maximum value	1282.65 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 100 mm Diam. 75 mm	Height	100 mm	Height	100 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.004418 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 0.001069 m2		
Coordinate system Date Measurement Distance	CG 15-12-2014 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux			Rotosymmetrical 90 1378.22 lm		
LED Flux=2012lm LED Power=17W Eff=68,5% EfcLed=118lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E. F UTE	85 96 100 100 100 1.00 A	D DIN 5040 B NBN			A60 BZ 1		



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## Measurement

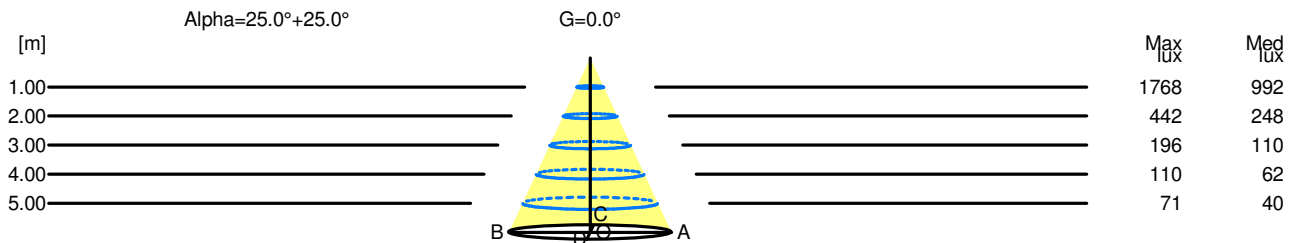
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Lamps Flux	1378.22 lm	Maximum value	1282.65 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	100 mm	Height	100 mm		
Round Luminous Area		Diam.	75 mm	Height	0 mm		
Horizontal Luminous Area	0.004418 m2			Emitting area on Plane 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°		0.001069 m2	
Coordinate system	CG			Symmetry Type		Rotosymmetrical	
Date	15-12-2014			Maximum Gamma Angle		90	
Measurement Distance	0.00			Measurement Flux		1378.22 lm	
LED Flux=2012lm LED Power=17W Eff=68,5% EfcLed=118lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	85 96 100 100 100			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	0.47	0.93	1.40	1.86	2.33	OC	0.47	0.93	1.40	1.86	2.33
OB	0.47	0.93	1.40	1.86	2.33	OD	0.47	0.93	1.40	1.86	2.33

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1767.77	1731.28	1444.80	883.04	296.55	136.98	73.51	32.54	13.32	0.71
OB	1767.77	1731.28	1444.80	883.04	296.55	136.98	73.51	32.54	13.32	0.71
OC	1767.77	1731.28	1444.80	883.04	296.55	136.98	73.51	32.54	13.32	0.71
OD	1767.77	1731.28	1444.80	883.04	296.55	136.98	73.51	32.54	13.32	0.71



H[m]	D[m]	Max lux	Med lux	Alpha=25.0°+25.0°	G=0.0
1.00	0.93	1768	992		
2.00	1.86	442	248		
3.00	2.80	196	110		
4.00	3.73	110	62		
5.00	4.66	71	40		

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Lamps Flux	1378.22 lm	Maximum value	1282.65 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	21.1	21.9	21.4	22.1	22.4	21.1	21.9	21.4	22.1	22.4
x=2H y=3H	21.5	22.2	21.8	22.5	22.7	21.5	22.2	21.8	22.5	22.7
x=2H y=4H	21.7	22.3	22.0	22.6	22.8	21.7	22.3	22.0	22.6	22.8
x=2H y=6H	21.7	22.3	22.0	22.6	22.9	21.7	22.3	22.0	22.6	22.9
x=2H y=8H	21.7	22.3	22.0	22.6	22.9	21.7	22.3	22.0	22.6	22.9
x=2H y=12H	21.7	22.2	22.0	22.5	22.9	21.7	22.2	22.0	22.5	22.9
x=4H y=2H	21.3	22.0	21.7	22.3	22.5	21.3	22.0	21.7	22.3	22.5
x=4H y=3H	21.8	22.4	22.2	22.7	23.1	21.8	22.4	22.2	22.7	23.1
x=4H y=4H	22.1	22.6	22.4	22.9	23.3	22.1	22.6	22.4	22.9	23.3
x=4H y=6H	22.2	22.6	22.6	23.0	23.3	22.2	22.6	22.6	23.0	23.3
x=4H y=8H	22.2	22.6	22.6	22.9	23.3	22.2	22.6	22.6	22.9	23.3
x=4H y=12H	22.1	22.5	22.6	22.9	23.3	22.1	22.5	22.6	22.9	23.3
x=8H y=4H	22.1	22.5	22.5	22.9	23.3	22.1	22.5	22.5	22.9	23.3
x=8H y=6H	22.3	22.6	22.7	23.0	23.4	22.3	22.6	22.7	23.0	23.4
x=8H y=8H	22.3	22.5	22.7	23.0	23.4	22.3	22.5	22.7	23.0	23.4
x=8H y=12H	22.2	22.4	22.7	22.9	23.4	22.2	22.4	22.7	22.9	23.4
x=12H y=4H	22.1	22.4	22.5	22.8	23.3	22.1	22.4	22.5	22.8	23.3
x=12H y=6H	22.2	22.5	22.7	22.9	23.4	22.2	22.5	22.7	22.9	23.4
x=12H y=8H	22.2	22.4	22.7	22.9	23.4	22.2	22.4	22.7	22.9	23.4