

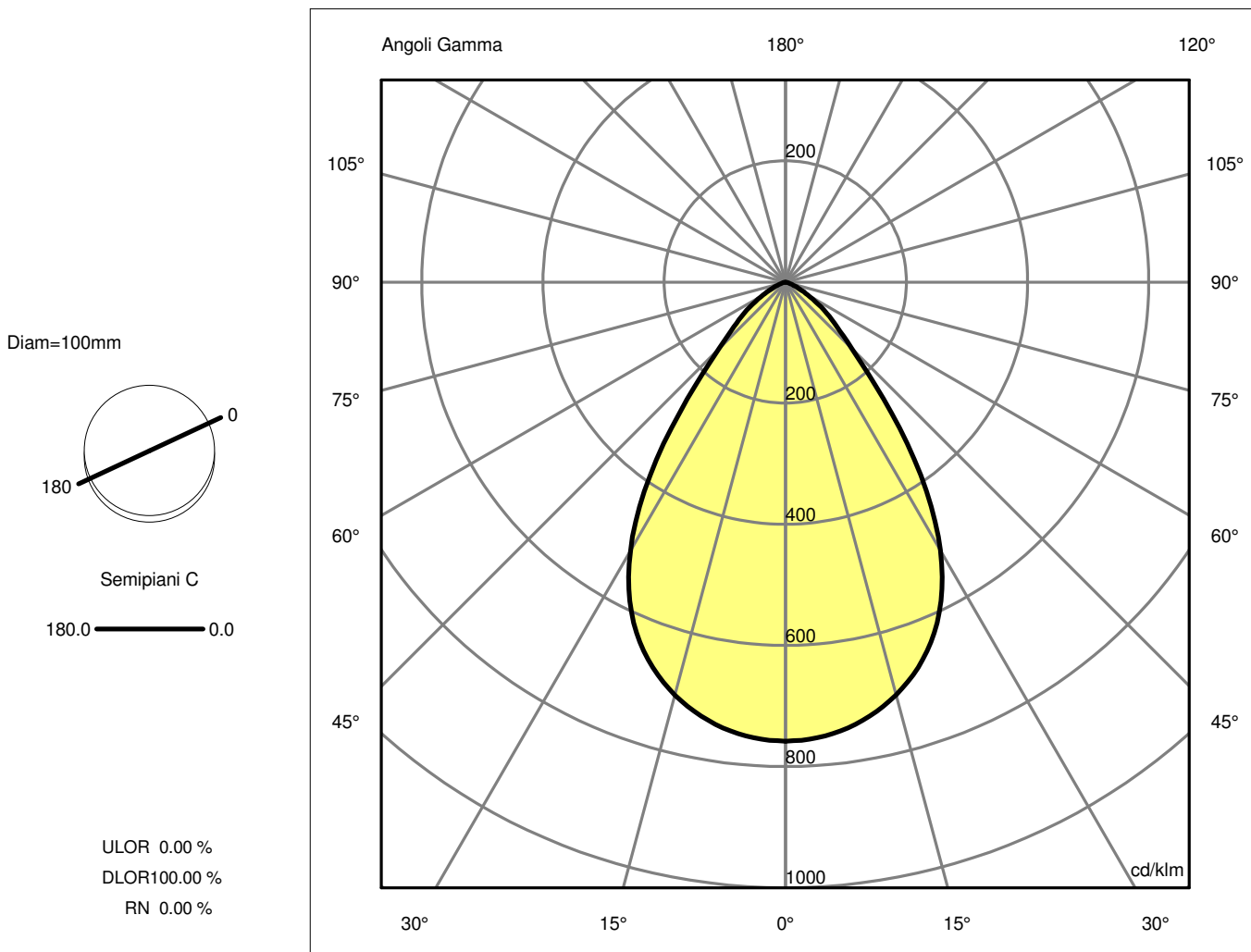
Luminaire

Code NL1907380K002
 Name Parabola 100 Square 80° finitura grigia 3000K

Measurem.

Code FTS1601921
 Name Parabola 100 Square 80° finitura grigia 3000K

Luminaire Flux	1451.07 lm	Luminaire Power	17.00 W	Efficacy	85.36 lm/W	Efficiency	100.00%
Lamps Flux	1451.07 lm	Maximum value	757.77 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 1451.07 lm		
LED Flux=2103lm LED Power=17W Eff=69% EfcLed=124lm/W EfcLum=85lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E. F UTE	81 97 100 100 100 1.00 B	D DIN 5040 B NBN			A60 BZ 1		



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Measur.

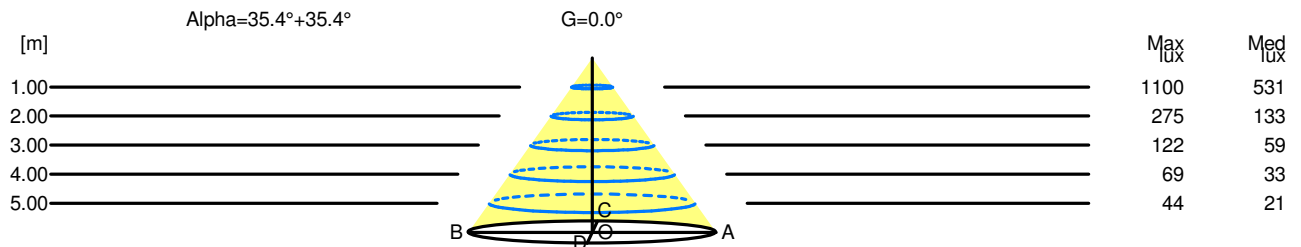
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Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 75 mm	Height Height	100 mm 0 mm		
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Width at 50.00 % of Max Intensity

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	0.71	1.42	2.13	2.84	3.55	OC	0.71	1.42	2.13	2.84	3.55
OB	0.71	1.42	2.13	2.84	3.55	OD	0.71	1.42	2.13	2.84	3.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1099.58	1091.15	1023.85	872.27	565.29	224.53	104.82	34.11	3.70	0.30
OB	1099.58	1091.15	1023.85	872.27	565.29	224.53	104.82	34.11	3.70	0.30
OC	1099.58	1091.15	1023.85	872.27	565.29	224.53	104.82	34.11	3.70	0.30
OD	1099.58	1091.15	1023.85	872.27	565.29	224.53	104.82	34.11	3.70	0.30



H[m]	D[m]	Max lux	Med lux	Alpha=35.4°+35.4°	G=0.0
1.00	1.42	1100	531		
2.00	2.84	275	133		
3.00	4.26	122	59		
4.00	5.68	69	33		
5.00	7.10	44	21		

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Measurement

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Luminaire Flux	1451.07 lm	Luminaire Power	17.00 W	Efficacy	85.36 lm/W	Efficiency	100.00%
Lamps Flux	1451.07 lm	Maximum value	757.77 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	24.0	24.9	24.3	25.1	25.3	24.0	24.9	24.3	25.1	25.3
x=2H y=3H	24.0	24.8	24.3	25.0	25.3	24.0	24.8	24.3	25.0	25.3
x=2H y=4H	24.0	24.7	24.3	25.0	25.2	24.0	24.7	24.3	25.0	25.2
x=2H y=6H	23.9	24.6	24.2	24.8	25.1	23.9	24.6	24.2	24.8	25.1
x=2H y=8H	23.9	24.5	24.2	24.8	25.1	23.9	24.5	24.2	24.8	25.1
x=2H y=12H	23.8	24.4	24.2	24.7	25.0	23.8	24.4	24.2	24.7	25.0
x=4H y=2H	24.0	24.8	24.3	25.0	25.3	24.0	24.8	24.3	25.0	25.3
x=4H y=3H	24.1	24.7	24.4	25.0	25.3	24.1	24.7	24.4	25.0	25.3
x=4H y=4H	24.0	24.6	24.4	24.9	25.2	24.0	24.6	24.4	24.9	25.2
x=4H y=6H	24.0	24.4	24.4	24.8	25.2	24.0	24.4	24.4	24.8	25.2
x=4H y=8H	23.9	24.3	24.4	24.7	25.1	23.9	24.3	24.4	24.7	25.1
x=4H y=12H	23.9	24.3	24.3	24.6	25.1	23.9	24.3	24.3	24.6	25.1
x=8H y=4H	23.9	24.3	24.4	24.7	25.1	23.9	24.3	24.4	24.7	25.1
x=8H y=6H	23.9	24.2	24.3	24.6	25.0	23.9	24.2	24.3	24.6	25.0
x=8H y=8H	23.8	24.1	24.3	24.5	25.0	23.8	24.1	24.3	24.5	25.0
x=8H y=12H	23.8	24.0	24.3	24.5	25.0	23.8	24.0	24.3	24.5	25.0
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x=12H y=8H	23.8	24.0	24.3	24.5	25.0	23.8	24.0	24.3	24.5	25.0