

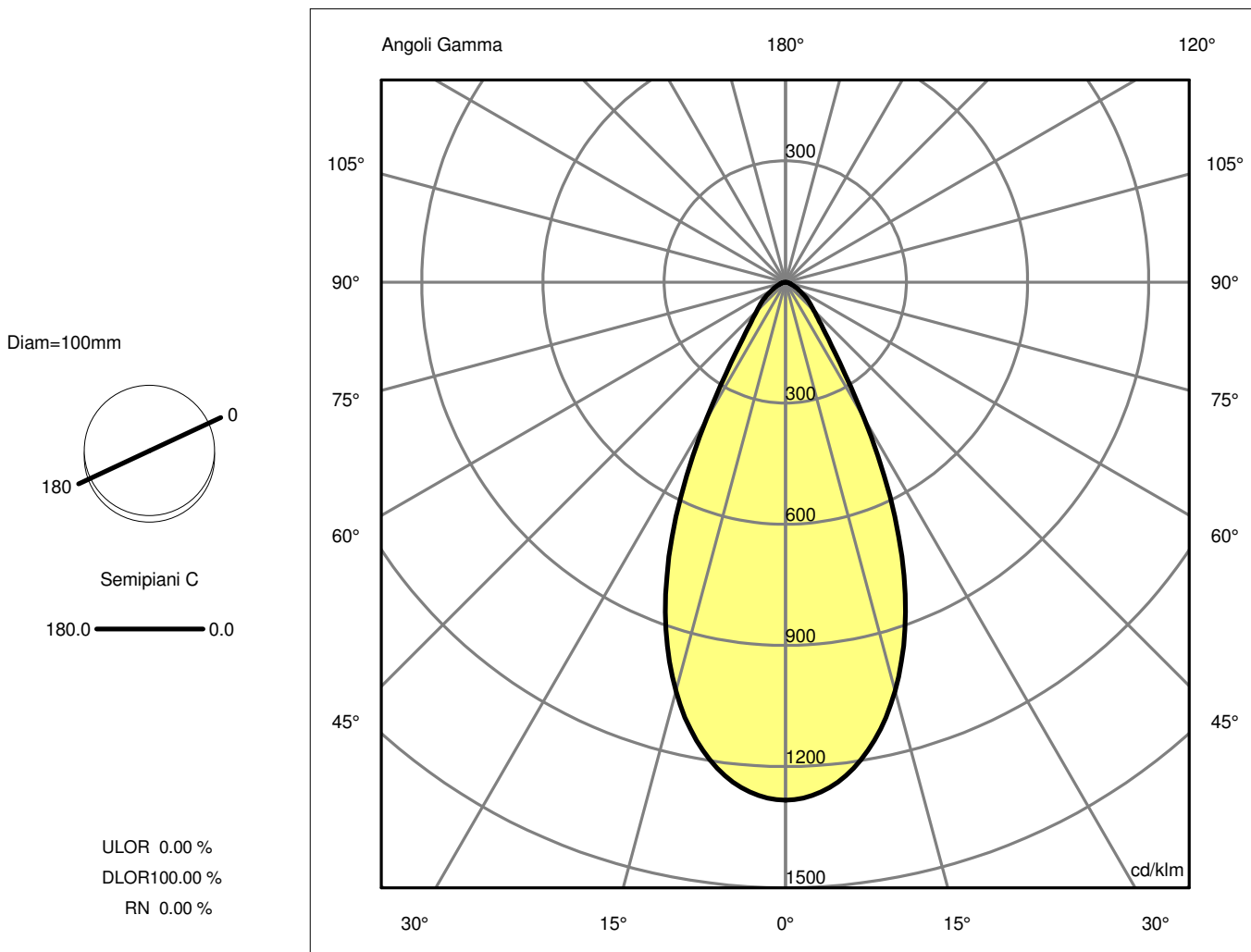
Luminaire

Code NL1907240K002
 Name Parabola 100 Round 40° finitura grigia 3000K

Measurement

Code FTS1601858
 Name Parabola 100 Round 40° finitura grigia 3000K

Luminaire Flux	1440.56 lm	Luminaire Power	17.00 W	Efficacy	84.74 lm/W	Efficiency	100.00%
Lamps Flux	1440.56 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 1440.56 lm		
LED Flux=2103lm LED Power=17W Eff=68,5% EfcLed=124lm/W EfcLum=85lm/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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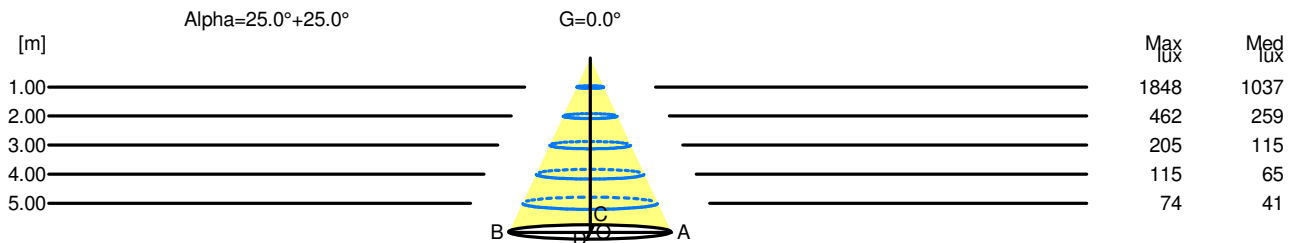
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Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 75 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area	0.004418 m2			Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 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	1440.56 lm		
LED Flux=2103lm LED Power=17W Eff=68,5% EfcLed=124lm/W EfcLum=85lm/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	1847.73	1809.59	1510.15	922.98	309.96	143.17	76.84	34.02	13.92	0.74
OB	1847.73	1809.59	1510.15	922.98	309.96	143.17	76.84	34.02	13.92	0.74
OC	1847.73	1809.59	1510.15	922.98	309.96	143.17	76.84	34.02	13.92	0.74
OD	1847.73	1809.59	1510.15	922.98	309.96	143.17	76.84	34.02	13.92	0.74



H[m]	D[m]	Max lux	Med lux	Alpha=25.0°+25.0°	G=0.0
1.00	0.93	1848	1037		
2.00	1.86	462	259		
3.00	2.80	205	115		
4.00	3.73	115	65		
5.00	4.66	74	41		

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Lamps Flux	1440.56 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	21.3	22.1	21.5	22.3	22.5	21.3	22.1	21.5	22.3	22.5
x=2H y=3H	21.7	22.4	22.0	22.6	22.9	21.7	22.4	22.0	22.6	22.9
x=2H y=4H	21.8	22.5	22.1	22.7	23.0	21.8	22.5	22.1	22.7	23.0
x=2H y=6H	21.9	22.5	22.2	22.8	23.1	21.9	22.5	22.2	22.8	23.1
x=2H y=8H	21.8	22.4	22.2	22.7	23.0	21.8	22.4	22.2	22.7	23.0
x=2H y=12H	21.8	22.4	22.2	22.7	23.0	21.8	22.4	22.2	22.7	23.0
x=4H y=2H	21.5	22.2	21.8	22.4	22.7	21.5	22.2	21.8	22.4	22.7
x=4H y=3H	22.0	22.6	22.4	22.9	23.2	22.0	22.6	22.4	22.9	23.2
x=4H y=4H	22.2	22.7	22.6	23.1	23.4	22.2	22.7	22.6	23.1	23.4
x=4H y=6H	22.3	22.8	22.7	23.1	23.5	22.3	22.8	22.7	23.1	23.5
x=4H y=8H	22.3	22.7	22.7	23.1	23.5	22.3	22.7	22.7	23.1	23.5
x=4H y=12H	22.3	22.6	22.7	23.0	23.5	22.3	22.6	22.7	23.0	23.5
x=8H y=4H	22.3	22.7	22.7	23.0	23.4	22.3	22.7	22.7	23.0	23.4
x=8H y=6H	22.4	22.7	22.9	23.1	23.6	22.4	22.7	22.9	23.1	23.6
x=8H y=8H	22.4	22.7	22.9	23.1	23.6	22.4	22.7	22.9	23.1	23.6
x=8H y=12H	22.4	22.6	22.9	23.1	23.6	22.4	22.6	22.9	23.1	23.6
x=12H y=4H	22.3	22.6	22.7	23.0	23.4	22.3	22.6	22.7	23.0	23.4
x=12H y=6H	22.4	22.6	22.9	23.1	23.6	22.4	22.6	22.9	23.1	23.6
x=12H y=8H	22.4	22.6	22.9	23.1	23.6	22.4	22.6	22.9	23.1	23.6