

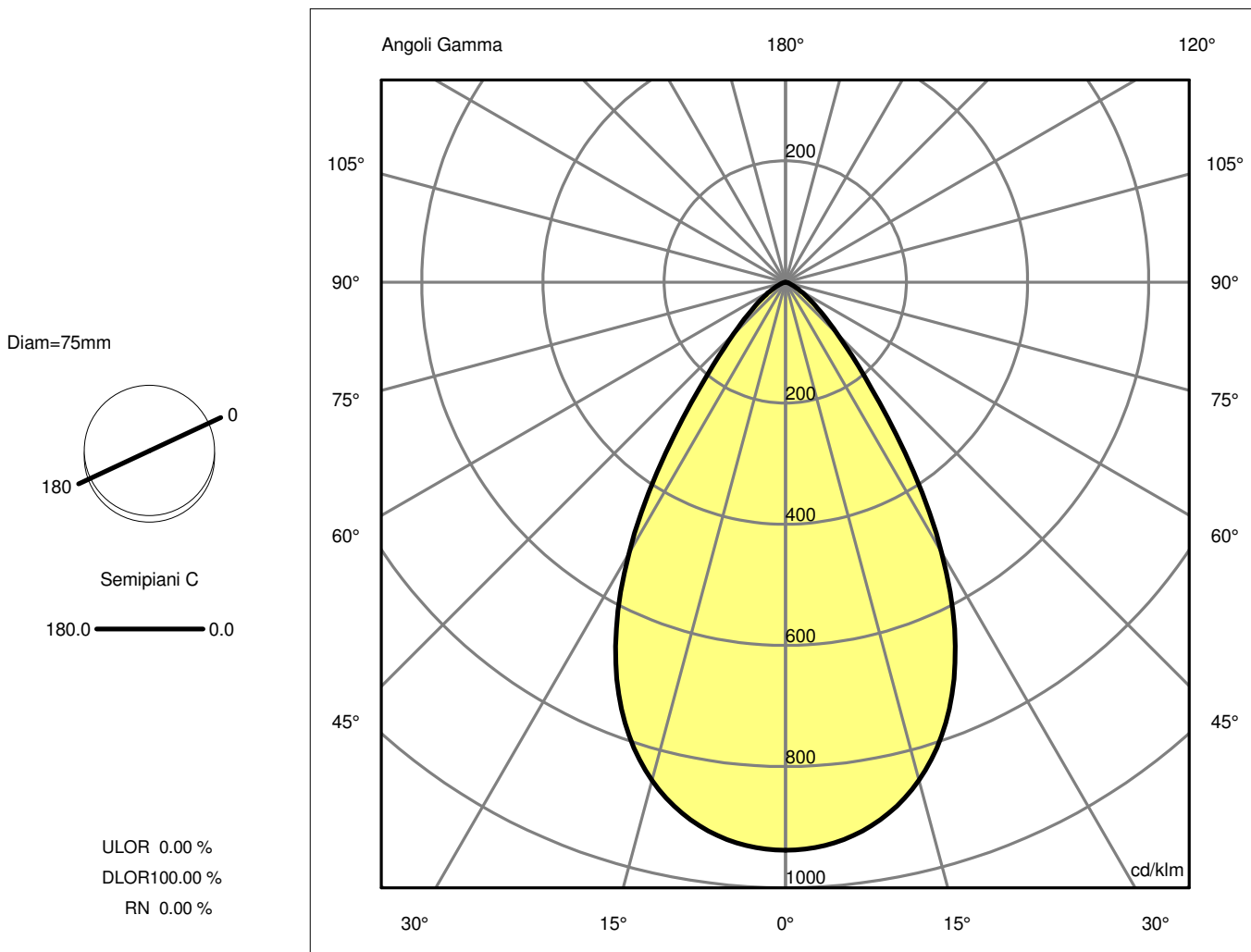
Luminaire

Code NL1906460Y004
 Name Parabola 80 Adjustable 60° finitura nera 2700K

Measurem.

Code FTS1601835
 Name Parabola 80 Adjustable 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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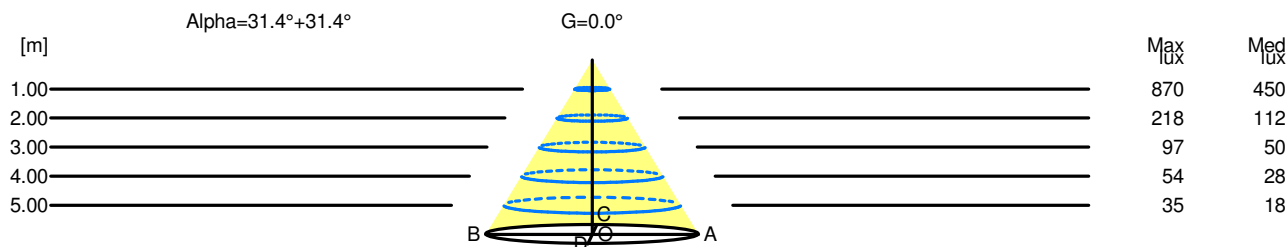
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Lamps Flux	927.53 lm	Maximum value	937.99 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	75 mm 55 mm	Height Height	90 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 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 98 100 100 100 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		

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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

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