

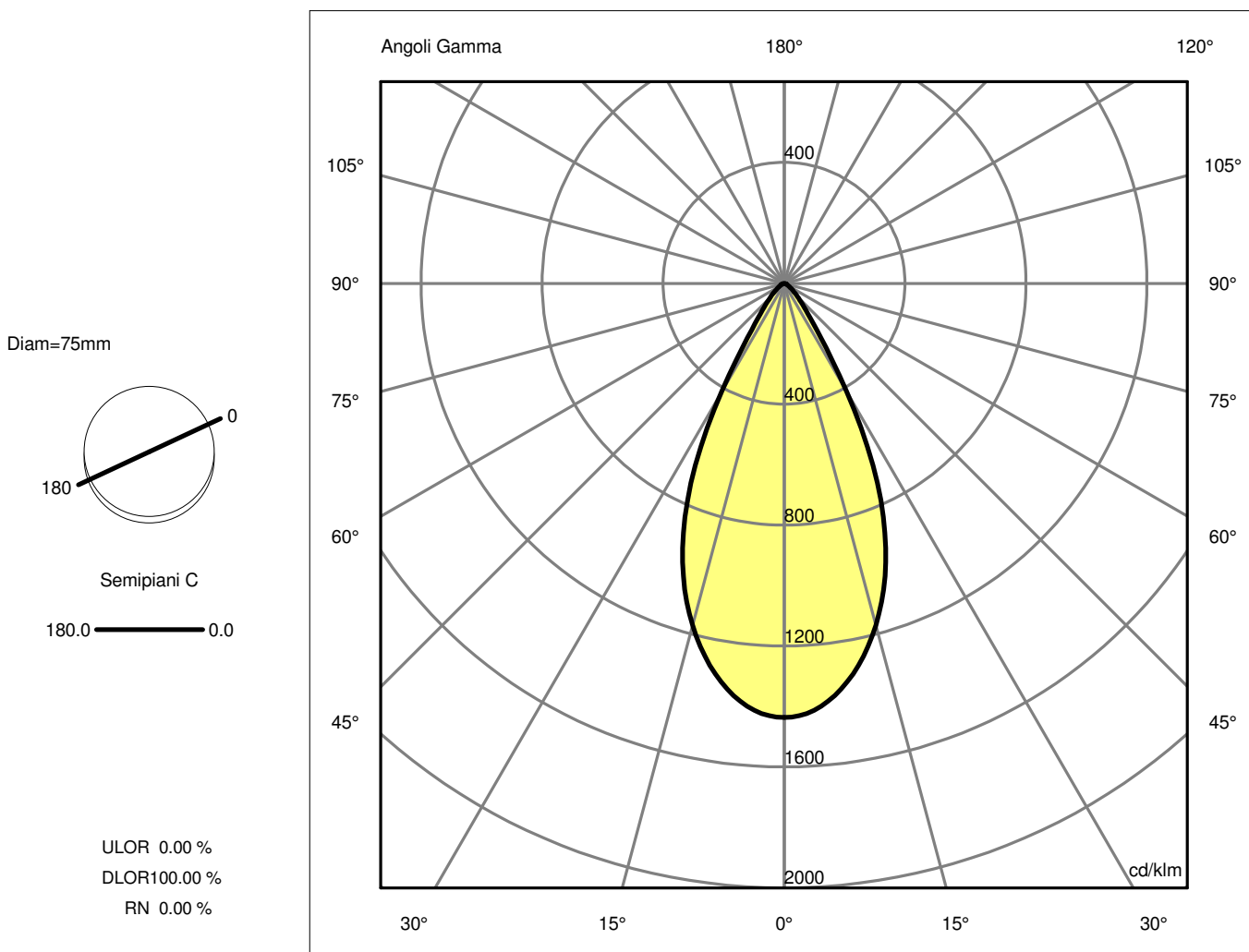
Luminaire

Code NL1907140Y002
 Name Parabola 80 Square 40° finitura grigia 2700K

Measurem.

Code FTS1601805
 Name Parabola 80 Square 40° finitura grigia 2700K

Luminaire Flux	1038.95 lm	Luminaire Power	12.00 W	Efficacy	86.58 lm/W	Efficiency	100.00%
Lamps Flux	1038.95 lm	Maximum value	1436.07 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	21-01-2015	Maximum Gamma Angle	90				
Measurement Distance	0.00	Measurement Flux	1038.95 lm				
LED Flux=1447lm LED Power=12W Eff=71,8% EfcLed=121lm/W EfcLum=87lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	92 98 100 100 100	D DIN 5040	A60				
F UTE	1.00 A	B NBN	BZ 1				



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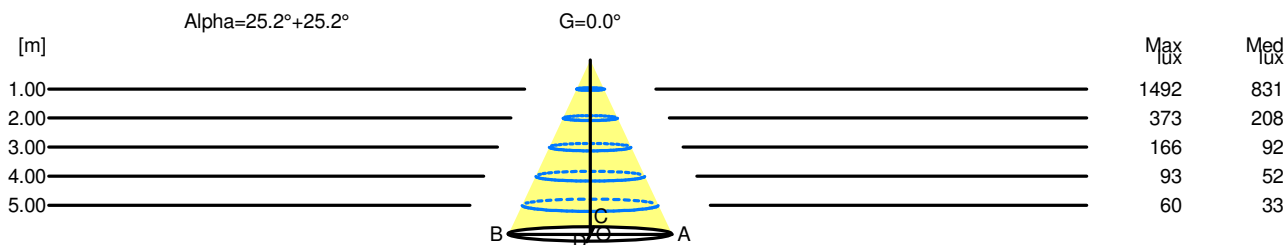
Luminaire Flux	1038.95 lm	Luminaire Power	12.00 W	Efficacy	86.58 lm/W	Efficiency	100.00%
Lamps Flux	1038.95 lm	Maximum value	1436.07 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	75 mm	Height	90 mm		
Round Luminous Area		Diam.	55 mm	Height	0 mm		
Horizontal Luminous Area	0.002376 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	21-01-2015			Maximum Gamma Angle	90		
Measurement Distance	0.00			Measurement Flux	1038.95 lm		
LED Flux=1447lm LED Power=12W Eff=71,8% EfcLed=121lm/W EfcLum=87lm/W Ra=90 SDCM=3 L70(6K)=60000h							
C.I.E.	92 98 100 100 100			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	0.94	1.41	1.88	2.35	OC	0.47	0.94	1.41	1.88	2.35
OB	0.47	0.94	1.41	1.88	2.35	OD	0.47	0.94	1.41	1.88	2.35

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1492.01	1458.64	1216.19	757.54	194.75	65.13	26.55	11.78	5.11	0.00
OB	1492.01	1458.64	1216.19	757.54	194.75	65.13	26.55	11.78	5.11	0.00
OC	1492.01	1458.64	1216.19	757.54	194.75	65.13	26.55	11.78	5.11	0.00
OD	1492.01	1458.64	1216.19	757.54	194.75	65.13	26.55	11.78	5.11	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=25.2°+25.2°	G=0.0
1.00	0.94	1492	831		
2.00	1.88	373	208		
3.00	2.82	166	92		
4.00	3.76	93	52		
5.00	4.70	60	33		

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Lamps Flux	1038.95 lm	Maximum value	1436.07 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	19.4	20.1	19.6	20.3	20.5	19.4	20.1	19.6	20.3	20.5
x=2H y=3H	19.6	20.3	19.9	20.5	20.7	19.6	20.3	19.9	20.5	20.7
x=2H y=4H	19.7	20.3	20.0	20.6	20.8	19.7	20.3	20.0	20.6	20.8
x=2H y=6H	19.7	20.3	20.0	20.5	20.8	19.7	20.3	20.0	20.5	20.8
x=2H y=8H	19.6	20.2	20.0	20.5	20.8	19.6	20.2	20.0	20.5	20.8
x=2H y=12H	19.6	20.1	20.0	20.4	20.7	19.6	20.1	20.0	20.4	20.7
x=4H y=2H	19.4	20.0	19.7	20.3	20.5	19.4	20.0	19.7	20.3	20.5
x=4H y=3H	19.7	20.3	20.1	20.6	20.9	19.7	20.3	20.1	20.6	20.9
x=4H y=4H	19.9	20.3	20.3	20.7	21.0	19.9	20.3	20.3	20.7	21.0
x=4H y=6H	19.9	20.3	20.3	20.6	21.0	19.9	20.3	20.3	20.6	21.0
x=4H y=8H	19.9	20.2	20.3	20.6	21.0	19.9	20.2	20.3	20.6	21.0
x=4H y=12H	19.9	20.1	20.3	20.5	21.0	19.9	20.1	20.3	20.5	21.0
x=8H y=4H	19.9	20.2	20.3	20.6	21.0	19.9	20.2	20.3	20.6	21.0
x=8H y=6H	19.9	20.2	20.4	20.6	21.0	19.9	20.2	20.4	20.6	21.0
x=8H y=8H	19.9	20.1	20.4	20.6	21.0	19.9	20.1	20.4	20.6	21.0
x=8H y=12H	19.9	20.0	20.3	20.5	21.0	19.9	20.0	20.3	20.5	21.0
x=12H y=4H	19.9	20.1	20.3	20.5	21.0	19.9	20.1	20.3	20.5	21.0
x=12H y=6H	19.9	20.1	20.4	20.5	21.0	19.9	20.1	20.4	20.5	21.0
x=12H y=8H	19.9	20.0	20.4	20.5	21.0	19.9	20.0	20.4	20.5	21.0