

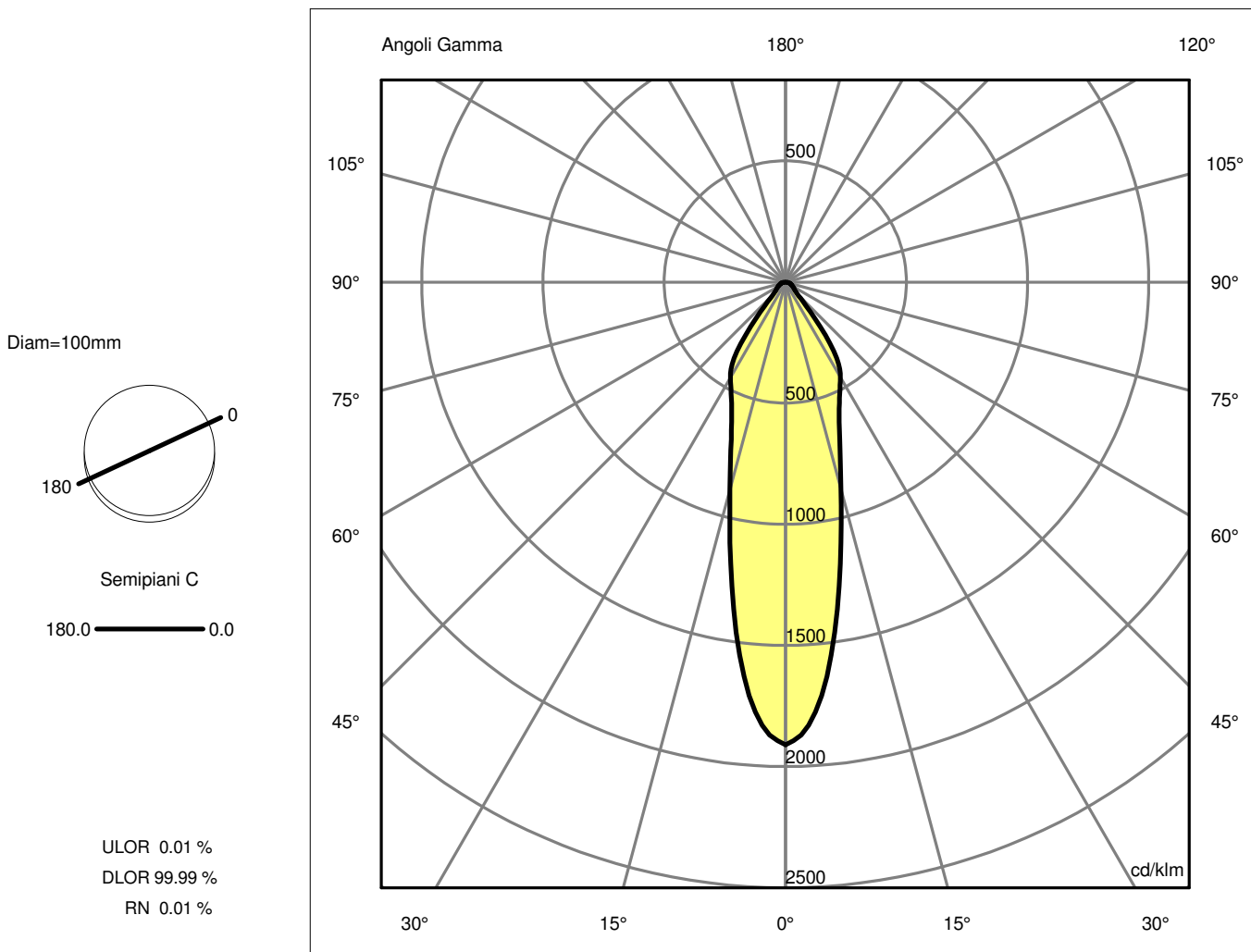
## Luminaire

Code AD10401  
Name PICTO 100 New led Verticale ND Bianco 4000K flood

## Measurem.

Code FTS1603570  
Name PICTO 100 New led Verticale ND Bianco 4000K flood

Luminaire Flux	2928.10 lm	Luminaire Power	35.00 W	Efficacy	83.66 lm/W	Efficiency	100.00%
Lamps Flux	2928.10 lm	Maximum value	1909.63 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area	0.005027 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°	0.001216 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	20-04-2017			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	2928.10 lm		
LED Flux=3606lm LED Power=31W Eff=81% EfcLed=116lm/W EfcLum=84lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	87 95 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



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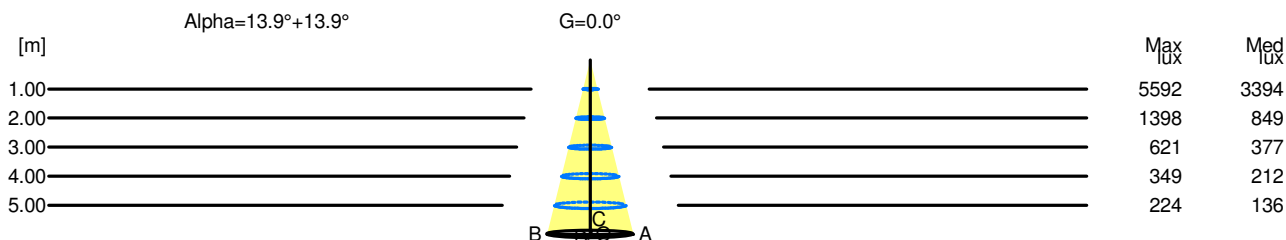
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Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.005027 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.001216 m2	
Coordinate system Date Measurement Distance		CG 20-04-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 2928.10 lm	
LED Flux=3606lm LED Power=31W Eff=81% EfcLed=116lm/W EfcLum=84lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	87 95 99 100 100 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	0.25	0.50	0.74	0.99	1.24	OC	0.25	0.50	0.74	0.99	1.24
OB	0.25	0.50	0.74	0.99	1.24	OD	0.25	0.50	0.74	0.99	1.24

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5591.60	5017.02	2593.96	1545.00	1022.06	205.04	121.02	79.91	55.05	15.88
OB	5591.60	5017.02	2593.96	1545.00	1022.06	205.04	121.02	79.91	55.05	15.88
OC	5591.60	5017.02	2593.96	1545.00	1022.06	205.04	121.02	79.91	55.05	15.88
OD	5591.60	5017.02	2593.96	1545.00	1022.06	205.04	121.02	79.91	55.05	15.88



H[m]	D[m]	Max lux	Med lux	Alpha=13.9°+13.9°	G=0.0
1.00	0.50	5592	3394		
2.00	0.99	1398	849		
3.00	1.49	621	377		
4.00	1.98	349	212		
5.00	2.48	224	136		

**Luminaire**

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**Measurement**

Code FTS1603570  
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Luminaire Flux	2928.10 lm	Luminaire Power	35.00 W	Efficacy	83.66 lm/W	Efficiency	100.00%
Lamps Flux	2928.10 lm	Maximum value	1909.63 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	23.5	24.3	23.8	24.5	24.7	23.5	24.3	23.8	24.5	24.7
x=2H y=3H	24.2	25.0	24.5	25.2	25.4	24.2	25.0	24.5	25.2	25.4
x=2H y=4H	24.8	25.4	25.1	25.7	26.0	24.8	25.4	25.1	25.7	26.0
x=2H y=6H	25.2	25.8	25.5	26.1	26.4	25.2	25.8	25.5	26.1	26.4
x=2H y=8H	25.4	26.0	25.7	26.3	26.6	25.4	26.0	25.7	26.3	26.6
x=2H y=12H	25.5	26.0	25.8	26.3	26.7	25.5	26.0	25.8	26.3	26.7
x=4H y=2H	23.7	24.4	24.0	24.7	24.9	23.7	24.4	24.0	24.7	24.9
x=4H y=3H	24.8	25.3	25.1	25.6	26.0	24.8	25.3	25.1	25.6	26.0
x=4H y=4H	25.5	26.0	25.8	26.3	26.6	25.5	26.0	25.8	26.3	26.6
x=4H y=6H	26.1	26.5	26.5	26.9	27.2	26.1	26.5	26.5	26.9	27.2
x=4H y=8H	26.3	26.7	26.7	27.1	27.5	26.3	26.7	26.7	27.1	27.5
x=4H y=12H	26.5	26.8	26.9	27.2	27.6	26.5	26.8	26.9	27.2	27.6
x=8H y=4H	25.8	26.2	26.2	26.5	26.9	25.8	26.2	26.2	26.5	26.9
x=8H y=6H	26.5	26.8	27.0	27.2	27.7	26.5	26.8	27.0	27.2	27.7
x=8H y=8H	26.8	27.1	27.3	27.5	28.0	26.8	27.1	27.3	27.5	28.0
x=8H y=12H	27.1	27.3	27.5	27.7	28.2	27.1	27.3	27.5	27.7	28.2
x=12H y=4H	25.8	26.1	26.2	26.5	27.0	25.8	26.1	26.2	26.5	27.0
x=12H y=6H	26.6	26.8	27.1	27.3	27.8	26.6	26.8	27.1	27.3	27.8
x=12H y=8H	26.9	27.1	27.4	27.6	28.1	26.9	27.1	27.4	27.6	28.1