

## Luminaire

Code AD16104  
Name PICTO 100 New led Orizzontale DIM Nero 3000K flood

## Measurem.

Code FTS1603609  
Name PICTO 100 New led Orizzontale DIM Nero 3000K flood

Luminaire Flux	2842.80 lm	Luminaire Power	35.00 W	Efficacy	81.22 lm/W	Efficiency	100.00%
Lamps Flux	2842.80 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		2842.80 lm	
LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/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		

Diam=100mm



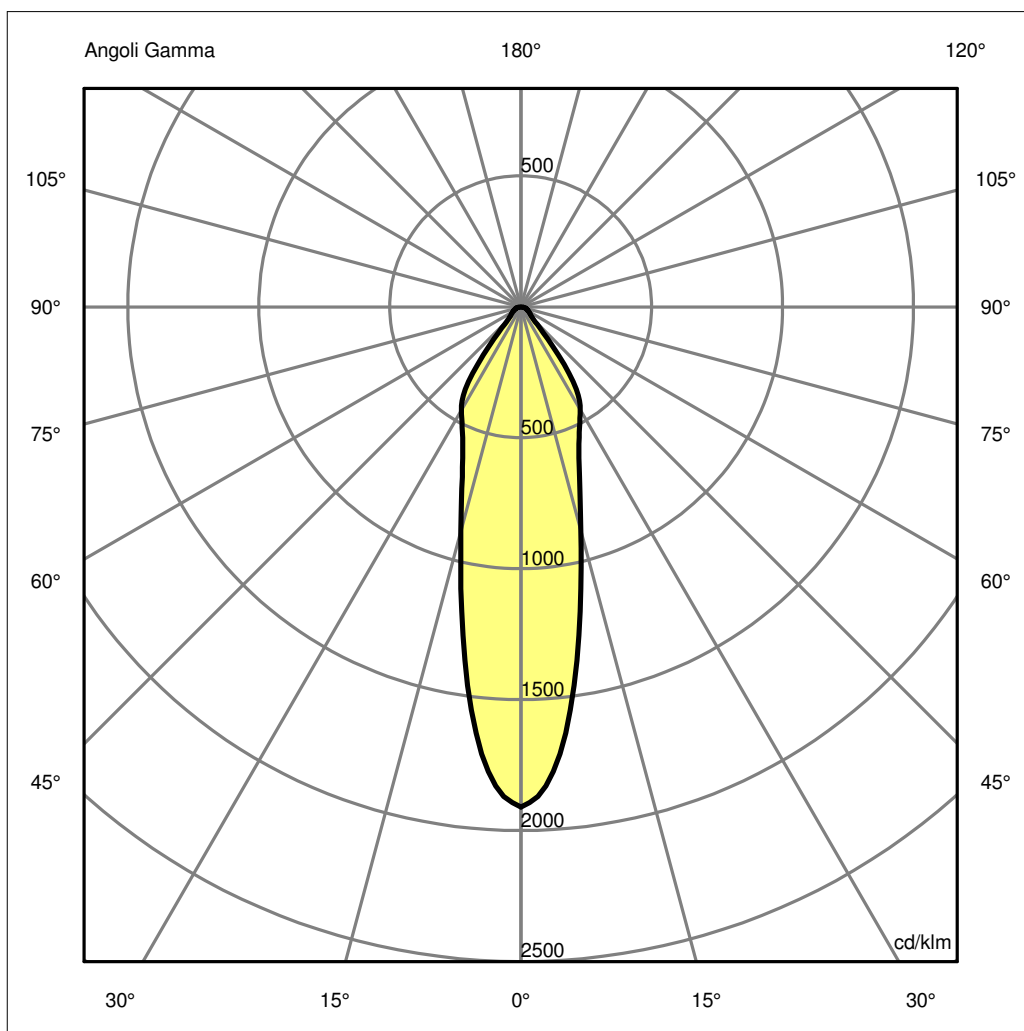
Semipiani C

180.0 — 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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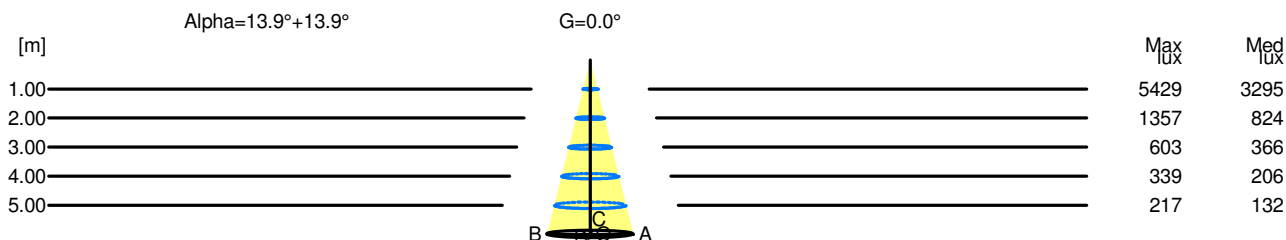
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**Measur.**  
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Lamps Flux	2842.80 lm	Maximum value	1909.63 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area 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 2842.80 lm	
LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/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	5428.71	4870.87	2518.39	1499.99	992.28	199.07	117.50	77.59	53.45	15.42
OB	5428.71	4870.87	2518.39	1499.99	992.28	199.07	117.50	77.59	53.45	15.42
OC	5428.71	4870.87	2518.39	1499.99	992.28	199.07	117.50	77.59	53.45	15.42
OD	5428.71	4870.87	2518.39	1499.99	992.28	199.07	117.50	77.59	53.45	15.42



H[m]	D[m]	Max lux	Med lux	Alpha=13.9°+13.9°	G=0.0
1.00	0.50	5429	3295		
2.00	0.99	1357	824		
3.00	1.49	603	366		
4.00	1.98	339	206		
5.00	2.48	217	132		

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Lamps Flux	2842.80 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	23.4	24.2	23.7	24.4	24.6	23.4	24.2	23.7	24.4	24.6
x=2H y=3H	24.1	24.9	24.4	25.1	25.3	24.1	24.9	24.4	25.1	25.3
x=2H y=4H	24.6	25.3	25.0	25.6	25.9	24.6	25.3	25.0	25.6	25.9
x=2H y=6H	25.1	25.7	25.4	26.0	26.3	25.1	25.7	25.4	26.0	26.3
x=2H y=8H	25.3	25.9	25.6	26.2	26.5	25.3	25.9	25.6	26.2	26.5
x=2H y=12H	25.4	25.9	25.7	26.2	26.6	25.4	25.9	25.7	26.2	26.6
x=4H y=2H	23.6	24.3	23.9	24.6	24.8	23.6	24.3	23.9	24.6	24.8
x=4H y=3H	24.7	25.2	25.0	25.5	25.9	24.7	25.2	25.0	25.5	25.9
x=4H y=4H	25.4	25.9	25.7	26.2	26.5	25.4	25.9	25.7	26.2	26.5
x=4H y=6H	26.0	26.4	26.4	26.8	27.1	26.0	26.4	26.4	26.8	27.1
x=4H y=8H	26.2	26.6	26.6	27.0	27.4	26.2	26.6	26.6	27.0	27.4
x=4H y=12H	26.4	26.7	26.8	27.1	27.5	26.4	26.7	26.8	27.1	27.5
x=8H y=4H	25.7	26.1	26.1	26.4	26.8	25.7	26.1	26.1	26.4	26.8
x=8H y=6H	26.4	26.7	26.9	27.1	27.6	26.4	26.7	26.9	27.1	27.6
x=8H y=8H	26.7	27.0	27.2	27.4	27.9	26.7	27.0	27.2	27.4	27.9
x=8H y=12H	26.9	27.2	27.4	27.6	28.1	26.9	27.2	27.4	27.6	28.1
x=12H y=4H	25.7	26.0	26.1	26.4	26.8	25.7	26.0	26.1	26.4	26.8
x=12H y=6H	26.5	26.7	26.9	27.2	27.7	26.5	26.7	26.9	27.2	27.7
x=12H y=8H	26.8	27.0	27.3	27.5	28.0	26.8	27.0	27.3	27.5	28.0