

Luminaire

Code AD14404
Name PICTO 100 New led Orizzontale ND Nero 4000K flood

Measurem.

Code FTS1603606
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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
Round Luminaire Round Luminous Area	Diam. 100 mm Diam. 80 mm	Height 100 mm Height 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				

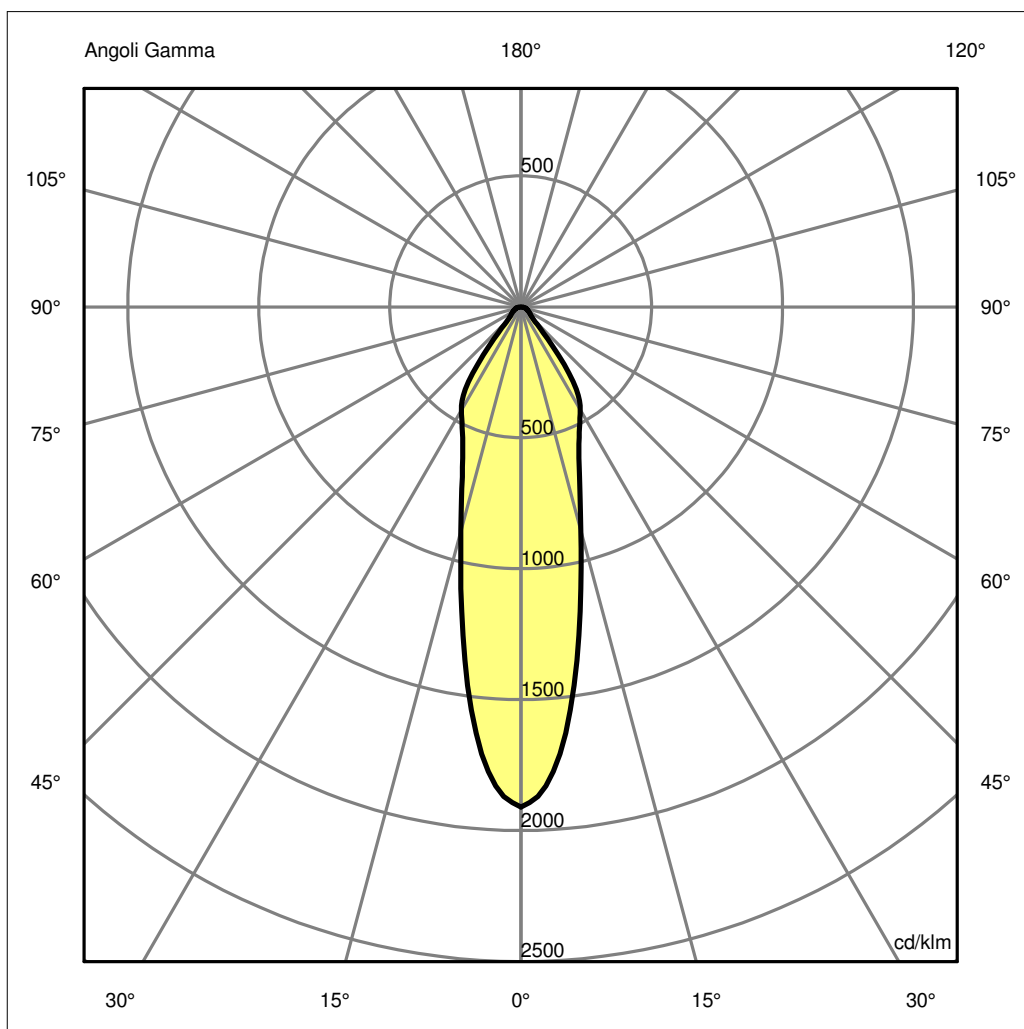
Diam=100mm



Semipiani C

180.0 — 0.0

ULOR 0.01 %
DLOR 99.99 %
RN 0.01 %



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Measur.

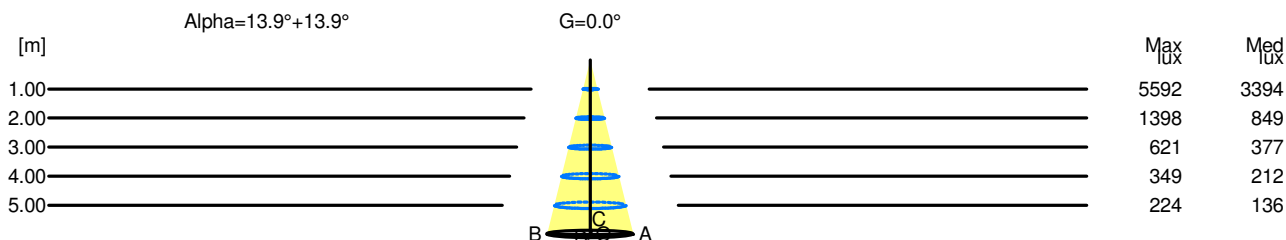
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Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 80 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area		0.005027 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 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	

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		

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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