

Luminaire

Code AD14304
Name PICTO 100 New led Orizzontale ND Nero 3000K very wide flood

Measurem.

Code FTS1603605
Name PICTO 100 New led Orizzontale ND Nero 3000K very wide flood

Luminaire Flux	2835.80 lm	Luminaire Power	35.00 W	Efficacy	81.02 lm/W	Efficiency	100.00%
Lamps Flux	2835.80 lm	Maximum value	995.88 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		2835.80 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.	84 94 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=100mm



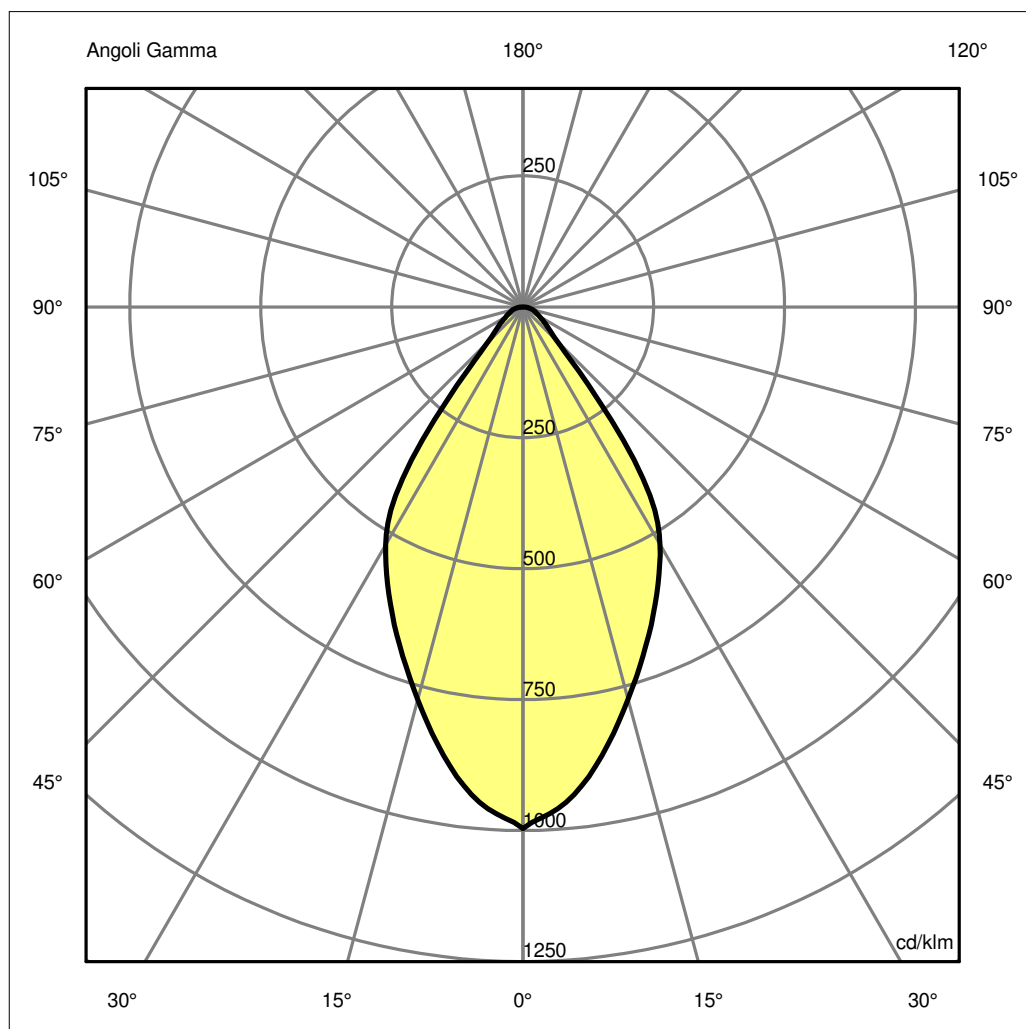
Semipiani C

180.0 — 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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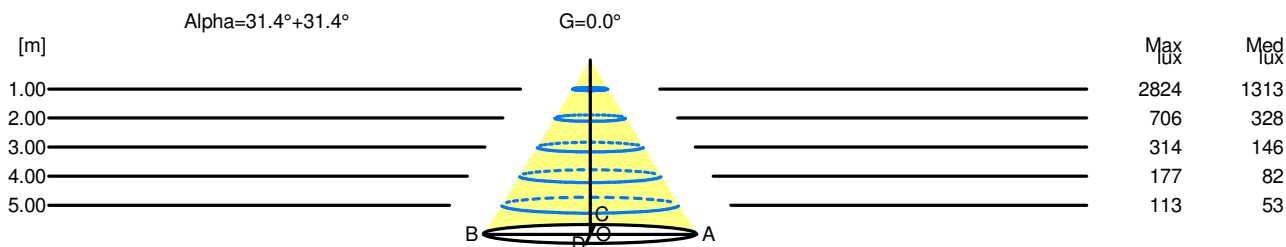
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001216 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		20-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2835.80 lm	
LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	84 94 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	0.61	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	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OB	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OC	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96
OD	2824.11	2691.77	2200.00	1716.06	1134.21	264.17	139.32	82.61	55.06	15.96



H[m]	D[m]	Max lux	Med lux	Alpha=31.4°+31.4°	G=0.0	
1.00	1.22	2824	1313			
2.00	2.44	706	328			
3.00	3.67	314	146			
4.00	4.89	177	82			
5.00	6.11	113	53			

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Lamps Flux	2835.80 lm	Maximum value	995.88 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	24.5	25.3	24.8	25.5	25.7	24.5	25.3	24.8	25.5	25.7
x=2H y=3H	25.1	25.8	25.4	26.1	26.3	25.1	25.8	25.4	26.1	26.3
x=2H y=4H	25.5	26.2	25.8	26.5	26.7	25.5	26.2	25.8	26.5	26.7
x=2H y=6H	25.9	26.5	26.2	26.8	27.1	25.9	26.5	26.2	26.8	27.1
x=2H y=8H	26.0	26.6	26.3	26.9	27.2	26.0	26.6	26.3	26.9	27.2
x=2H y=12H	26.1	26.7	26.4	27.0	27.3	26.1	26.7	26.4	27.0	27.3
x=4H y=2H	24.7	25.4	25.0	25.6	25.9	24.7	25.4	25.0	25.6	25.9
x=4H y=3H	25.5	26.1	25.9	26.4	26.7	25.5	26.1	25.9	26.4	26.7
x=4H y=4H	26.1	26.6	26.5	26.9	27.3	26.1	26.6	26.5	26.9	27.3
x=4H y=6H	26.6	27.1	27.0	27.4	27.8	26.6	27.1	27.0	27.4	27.8
x=4H y=8H	26.8	27.2	27.2	27.6	28.0	26.8	27.2	27.2	27.6	28.0
x=4H y=12H	27.0	27.3	27.4	27.7	28.1	27.0	27.3	27.4	27.7	28.1
x=8H y=4H	26.4	26.8	26.8	27.1	27.5	26.4	26.8	26.8	27.1	27.5
x=8H y=6H	27.0	27.3	27.5	27.7	28.2	27.0	27.3	27.5	27.7	28.2
x=8H y=8H	27.3	27.5	27.7	28.0	28.5	27.3	27.5	27.7	28.0	28.5
x=8H y=12H	27.5	27.7	28.0	28.2	28.7	27.5	27.7	28.0	28.2	28.7
x=12H y=4H	26.4	26.7	26.8	27.1	27.6	26.4	26.7	26.8	27.1	27.6
x=12H y=6H	27.1	27.3	27.5	27.8	28.2	27.1	27.3	27.5	27.8	28.2
x=12H y=8H	27.4	27.6	27.9	28.1	28.6	27.4	27.6	27.9	28.1	28.6