

Luminaire

Code AD10504
Name PICTO 100 New led Verticale ND Nero 4000K wide flood

Measurem.

Code FTS1603583
Name PICTO 100 New led Verticale ND Nero 4000K wide flood

Luminaire Flux	2892.00 lm	Luminaire Power	35.00 W	Efficacy	82.63 lm/W	Efficiency	100.00%
Lamps Flux	2892.00 lm	Maximum value	1323.50 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		26-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2892.00 lm	
LED Flux=3606lm LED Power=31W Eff=80% EfcLed=116lm/W EfcLum=83lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	85 94 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=100mm



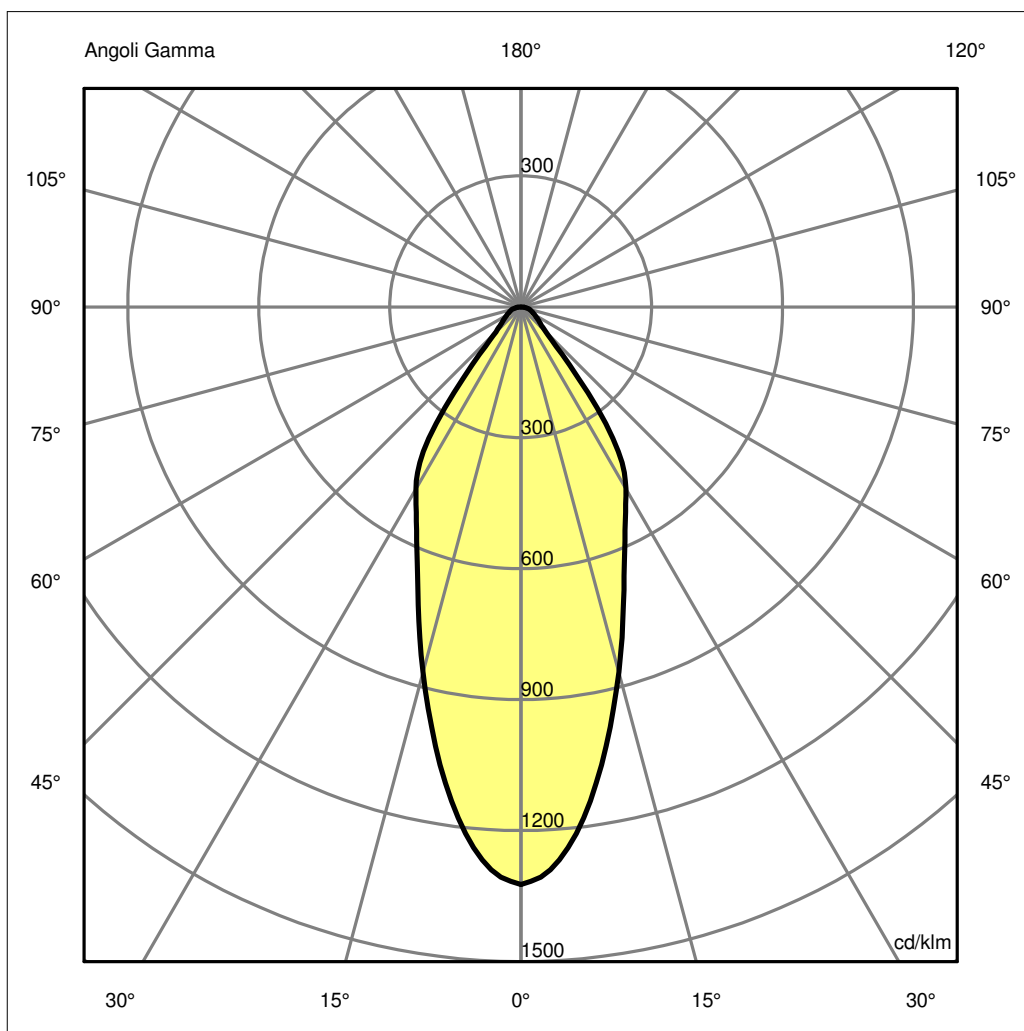
Semipiani C

180.0 ——— 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



Luminaire

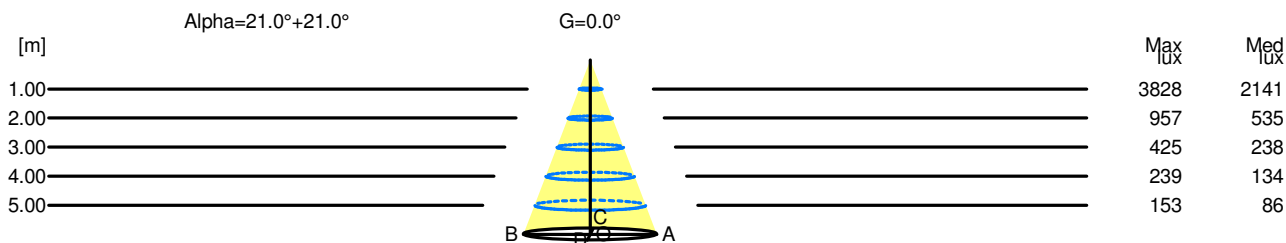
Code AD10504
Name PICTO 100 New led Verticale ND Nero 4000K wide flood
Measur.
Code FTS1603583
Name PICTO 100 New led Verticale ND Nero 4000K wide flood

Luminaire Flux	2892.00 lm	Luminaire Power	35.00 W	Efficacy	82.63 lm/W	Efficiency	100.00%
Lamps Flux	2892.00 lm	Maximum value	1323.50 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 26-04-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 2892.00 lm	
LED Flux=3606lm LED Power=31W Eff=80% EfcLed=116lm/W EfcLum=83lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	85 94 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	0.38	0.77	1.15	1.53	1.91	OC	0.38	0.77	1.15	1.53	1.91
OB	0.38	0.77	1.15	1.53	1.91	OD	0.38	0.77	1.15	1.53	1.91

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3827.57	3597.32	2506.59	1633.87	1063.45	234.27	131.97	86.19	56.58	16.26
OB	3827.57	3597.32	2506.59	1633.87	1063.45	234.27	131.97	86.19	56.58	16.26
OC	3827.57	3597.32	2506.59	1633.87	1063.45	234.27	131.97	86.19	56.58	16.26
OD	3827.57	3597.32	2506.59	1633.87	1063.45	234.27	131.97	86.19	56.58	16.26



H[m]	D[m]	Max lux	Med lux	Alpha=21.0°+21.0°	G=0.0
1.00	0.77	3828	2141		
2.00	1.53	957	535		
3.00	2.30	425	238		
4.00	3.06	239	134		
5.00	3.83	153	86		

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Luminaire Flux	2892.00 lm	Luminaire Power	35.00 W	Efficacy	82.63 lm/W	Efficiency	100.00%
Lamps Flux	2892.00 lm	Maximum value	1323.50 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	24.0	24.8	24.3	25.0	25.2	24.0	24.8	24.3	25.0	25.2
x=2H y=3H	24.8	25.5	25.0	25.7	26.0	24.8	25.5	25.0	25.7	26.0
x=2H y=4H	25.2	25.9	25.5	26.2	26.5	25.2	25.9	25.5	26.2	26.5
x=2H y=6H	25.6	26.3	26.0	26.6	26.9	25.6	26.3	26.0	26.6	26.9
x=2H y=8H	25.8	26.4	26.1	26.7	27.0	25.8	26.4	26.1	26.7	27.0
x=2H y=12H	25.9	26.5	26.2	26.8	27.1	25.9	26.5	26.2	26.8	27.1
x=4H y=2H	24.2	24.9	24.5	25.2	25.5	24.2	24.9	24.5	25.2	25.5
x=4H y=3H	25.3	25.9	25.6	26.2	26.5	25.3	25.9	25.6	26.2	26.5
x=4H y=4H	25.9	26.4	26.3	26.8	27.1	25.9	26.4	26.3	26.8	27.1
x=4H y=6H	26.5	26.9	26.9	27.3	27.7	26.5	26.9	26.9	27.3	27.7
x=4H y=8H	26.7	27.1	27.1	27.5	27.9	26.7	27.1	27.1	27.5	27.9
x=4H y=12H	26.8	27.2	27.3	27.6	28.0	26.8	27.2	27.3	27.6	28.0
x=8H y=4H	26.2	26.6	26.6	27.0	27.4	26.2	26.6	26.6	27.0	27.4
x=8H y=6H	26.9	27.2	27.3	27.6	28.1	26.9	27.2	27.3	27.6	28.1
x=8H y=8H	27.2	27.4	27.7	27.9	28.4	27.2	27.4	27.7	27.9	28.4
x=8H y=12H	27.4	27.6	27.9	28.1	28.6	27.4	27.6	27.9	28.1	28.6
x=12H y=4H	26.2	26.6	26.7	27.0	27.4	26.2	26.6	26.7	27.0	27.4
x=12H y=6H	27.0	27.2	27.4	27.7	28.1	27.0	27.2	27.4	27.7	28.1
x=12H y=8H	27.3	27.5	27.8	28.0	28.5	27.3	27.5	27.8	28.0	28.5