

Luminaire

Code M276125
Name Caelum 90 LED 2x30 - 4000K bianco

Measurem.

Code FTS1500267
Name Caelum 90 LED 2x30 - 4000K bianco

Luminaire Flux	1811.25 lm	Luminaire Power	28.00 W	Efficacy	64.69 lm/W	Efficiency	100.00%
Lamps Flux	1811.25 lm	Maximum value	1097.59 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	95 mm	Height	100 mm		
Round Luminous Area		Diam.	65 mm	Height	0 mm		
Horizontal Luminous Area		0.003318 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°		0.000803 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		09-02-2015		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1811.25 lm	
LED Flux=2970lm LED Power=25W Eff=61% EfcLed=119lm/W EfcLum=65lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	80 98 100 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1		

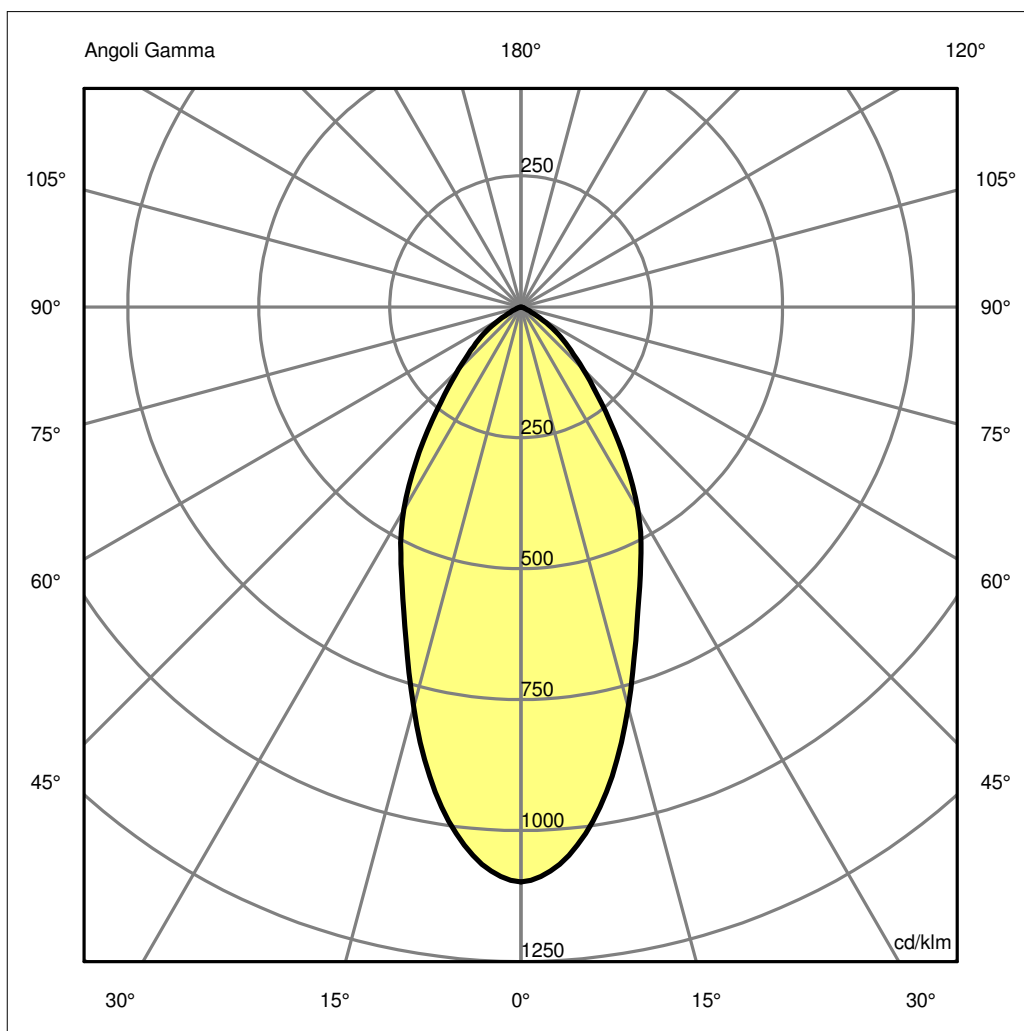
Diam=95mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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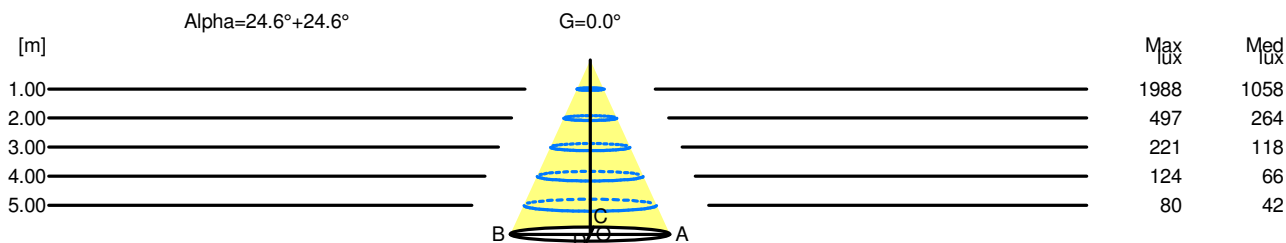
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Lamps Flux	1811.25 lm	Maximum value	1097.59 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	95 mm 65 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.003318 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 0.000803 m2	
Coordinate system Date Measurement Distance		CG 09-02-2015 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 90 1811.25 lm	
LED Flux=2970lm LED Power=25W Eff=61% EfcLed=119lm/W EfcLum=65lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	80 98 100 1.00 B	100 100 100		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	0.46	0.92	1.37	1.83	2.29	OC	0.46	0.92	1.37	1.83	2.29
OB	0.46	0.92	1.37	1.83	2.29	OD	0.46	0.92	1.37	1.83	2.29

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1988.01	1904.09	1433.05	980.18	612.64	304.22	145.49	28.74	3.32	0.54
OB	1988.01	1904.09	1433.05	980.18	612.64	304.22	145.49	28.74	3.32	0.54
OC	1988.01	1904.09	1433.05	980.18	612.64	304.22	145.49	28.74	3.32	0.54
OD	1988.01	1904.09	1433.05	980.18	612.64	304.22	145.49	28.74	3.32	0.54



H[m]	D[m]	Max lux	Med lux	Alpha=24.6°+24.6°	G=0.0
1.00	0.92	1988	1058		
2.00	1.83	497	264		
3.00	2.75	221	118		
4.00	3.66	124	66		
5.00	4.58	80	42		

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Lamps Flux	1811.25 lm	Maximum value	1097.59 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	25.8	26.6	26.0	26.8	27.0	25.8	26.6	26.0	26.8	27.0
x=2H y=3H	25.7	26.5	26.0	26.7	27.0	25.7	26.5	26.0	26.7	27.0
x=2H y=4H	25.6	26.4	25.9	26.6	26.9	25.6	26.4	25.9	26.6	26.9
x=2H y=6H	25.5	26.2	25.9	26.5	26.8	25.5	26.2	25.9	26.5	26.8
x=2H y=8H	25.5	26.2	25.8	26.4	26.7	25.5	26.2	25.8	26.4	26.7
x=2H y=12H	25.5	26.1	25.8	26.4	26.7	25.5	26.1	25.8	26.4	26.7
x=4H y=2H	25.8	26.5	26.1	26.8	27.0	25.8	26.5	26.1	26.8	27.0
x=4H y=3H	25.7	26.3	26.1	26.6	26.9	25.7	26.3	26.1	26.6	26.9
x=4H y=4H	25.6	26.2	26.0	26.5	26.9	25.6	26.2	26.0	26.5	26.9
x=4H y=6H	25.6	26.0	26.0	26.4	26.8	25.6	26.0	26.0	26.4	26.8
x=4H y=8H	25.5	25.9	26.0	26.3	26.7	25.5	25.9	26.0	26.3	26.7
x=4H y=12H	25.5	25.8	25.9	26.3	26.7	25.5	25.8	25.9	26.3	26.7
x=8H y=4H	25.5	25.9	26.0	26.3	26.7	25.5	25.9	26.0	26.3	26.7
x=8H y=6H	25.4	25.8	25.9	26.2	26.6	25.4	25.8	25.9	26.2	26.6
x=8H y=8H	25.4	25.7	25.9	26.1	26.6	25.4	25.7	25.9	26.1	26.6
x=8H y=12H	25.4	25.6	25.9	26.1	26.5	25.4	25.6	25.9	26.1	26.5
x=12H y=4H	25.5	25.9	25.9	26.3	26.7	25.5	25.9	25.9	26.3	26.7
x=12H y=6H	25.4	25.7	25.9	26.1	26.6	25.4	25.7	25.9	26.1	26.6
x=12H y=8H	25.4	25.6	25.9	26.1	26.5	25.4	25.6	25.9	26.1	26.5