

Luminaire

Code M276125+M281745
Name Caelum 90 LED 2x30 - 4000K bianco + filtro giallo

Measurem.

Code FTS1500275
Name Caelum 90 LED 2x30 - 4000K bianco + filtro giallo

Luminaire Flux	1693.00 lm	Luminaire Power	28.00 W	Efficacy	60.46 lm/W	Efficiency	100.00%
Lamps Flux	1693.00 lm	Maximum value	993.21 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	06-02-2015	Maximum Gamma Angle		90			
Measurement Distance	0.00	Measurement Flux		1693.00 lm			
LED Flux=2970lm LED Power=25W Eff=57% EfcLed=119lm/W EfcLum=60lm/W L70(6K)=50000h							
C.I.E.	77 97 100 100 100	D DIN 5040		A60			
F UTE	1.00 B	B NBN		BZ 1			

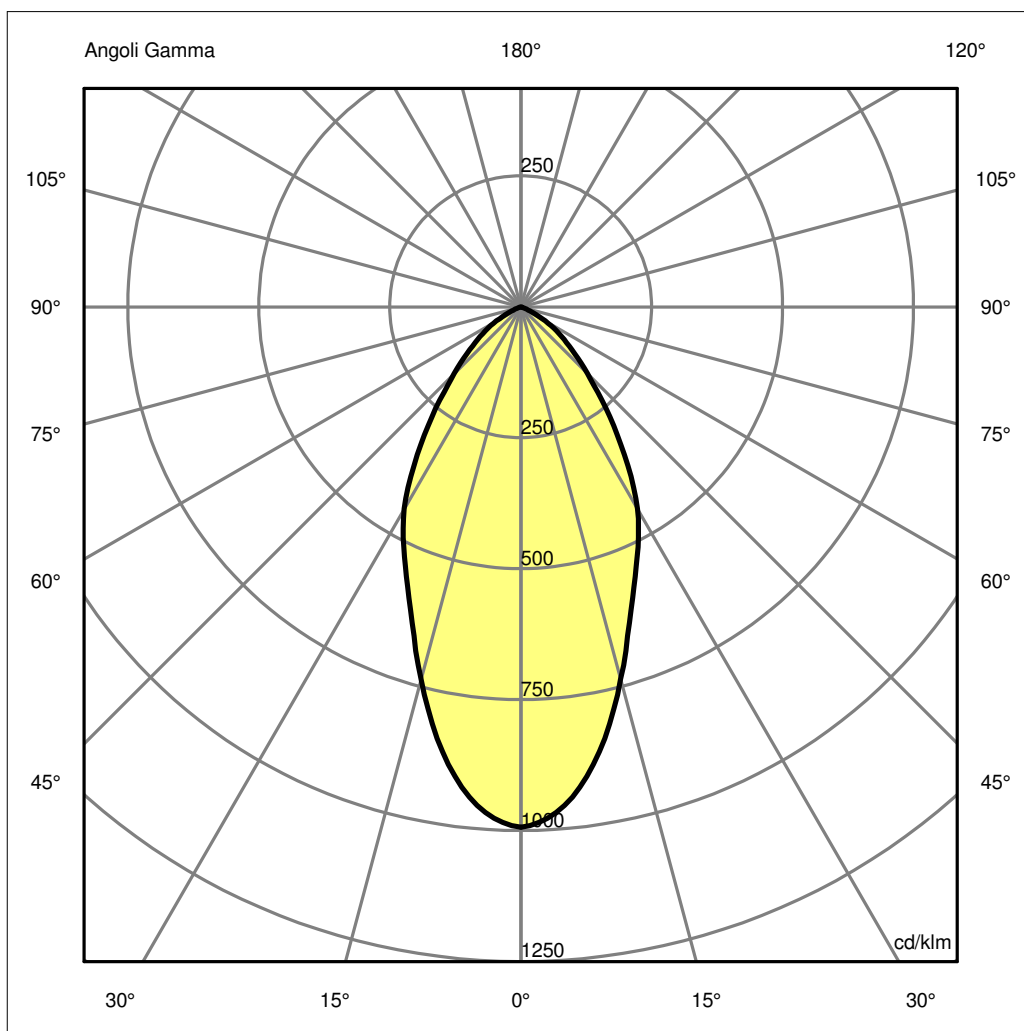
Diam=95mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measur.

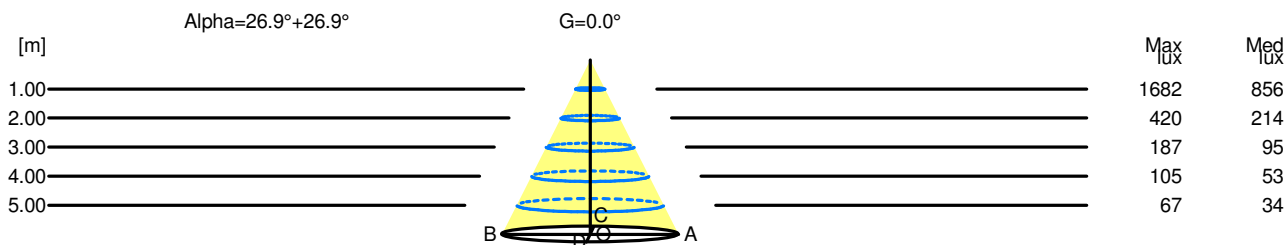
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Lamps Flux	1693.00 lm	Maximum value	993.21 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	95 mm 65 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area		0.003318 m2		Emitting area on Plane 180°		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		06-02-2015		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1693.00 lm	
LED Flux=2970lm LED Power=25W Eff=57% EfcLed=119lm/W EfcLum=60lm/W L70(6K)=50000h							
C.I.E.	77 97 100 100 100			D DIN 5040	A60		
F UTE	1.00 B			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	0.51	1.01	1.52	2.03	2.53	OC	0.51	1.01	1.52	2.03	2.53
OB	0.51	1.01	1.52	2.03	2.53	OD	0.51	1.01	1.52	2.03	2.53

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1681.51	1617.47	1246.37	890.57	583.28	304.62	150.44	38.48	4.60	0.54
OB	1681.51	1617.47	1246.37	890.57	583.28	304.62	150.44	38.48	4.60	0.54
OC	1681.51	1617.47	1246.37	890.57	583.28	304.62	150.44	38.48	4.60	0.54
OD	1681.51	1617.47	1246.37	890.57	583.28	304.62	150.44	38.48	4.60	0.54



H[m]	D[m]	Max lux	Med lux	Alpha=26.9°+26.9°	G=0.0
1.00	1.01	1682	856		
2.00	2.03	420	214		
3.00	3.04	187	95		
4.00	4.05	105	53		
5.00	5.06	67	34		

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Lamps Flux	1693.00 lm	Maximum value	993.21 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	26.1	27.0	26.4	27.2	27.4	26.1	27.0	26.4	27.2	27.4
x=2H y=3H	26.1	26.9	26.4	27.2	27.4	26.1	26.9	26.4	27.2	27.4
x=2H y=4H	26.0	26.8	26.4	27.1	27.3	26.0	26.8	26.4	27.1	27.3
x=2H y=6H	26.0	26.7	26.3	27.0	27.2	26.0	26.7	26.3	27.0	27.2
x=2H y=8H	25.9	26.6	26.3	26.9	27.2	25.9	26.6	26.3	26.9	27.2
x=2H y=12H	25.9	26.5	26.3	26.8	27.2	25.9	26.5	26.3	26.8	27.2
x=4H y=2H	26.2	27.0	26.5	27.2	27.5	26.2	27.0	26.5	27.2	27.5
x=4H y=3H	26.2	26.8	26.5	27.1	27.5	26.2	26.8	26.5	27.1	27.5
x=4H y=4H	26.1	26.7	26.5	27.0	27.4	26.1	26.7	26.5	27.0	27.4
x=4H y=6H	26.1	26.5	26.5	26.9	27.3	26.1	26.5	26.5	26.9	27.3
x=4H y=8H	26.0	26.5	26.5	26.8	27.2	26.0	26.5	26.5	26.8	27.2
x=4H y=12H	26.0	26.4	26.4	26.8	27.2	26.0	26.4	26.4	26.8	27.2
x=8H y=4H	26.0	26.5	26.5	26.8	27.3	26.0	26.5	26.5	26.8	27.3
x=8H y=6H	26.0	26.3	26.4	26.7	27.2	26.0	26.3	26.4	26.7	27.2
x=8H y=8H	25.9	26.2	26.4	26.6	27.1	25.9	26.2	26.4	26.6	27.1
x=8H y=12H	25.9	26.1	26.4	26.6	27.1	25.9	26.1	26.4	26.6	27.1
x=12H y=4H	26.0	26.4	26.4	26.8	27.2	26.0	26.4	26.4	26.8	27.2
x=12H y=6H	25.9	26.2	26.4	26.6	27.1	25.9	26.2	26.4	26.6	27.1
x=12H y=8H	25.9	26.1	26.4	26.6	27.1	25.9	26.1	26.4	26.6	27.1