

Luminaire

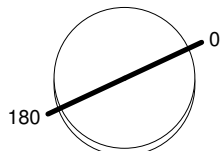
Code M276125+M285207+M282100
Name Caelum 90 LED 2x30 - 4000K bianco + filtro soft + griglia

Measurem.

Code FTS1500279
Name Caelum 90 LED 2x30 - 4000K bianco + filtro soft + griglia

Luminaire Flux	980.00 lm	Luminaire Power	28.00 W	Efficacy	35.00 lm/W	Efficiency	100.00%
Lamps Flux	980.00 lm	Maximum value	1303.55 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 95 mm Diam. 65 mm	Height 100 mm Height 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 90 980.00 lm				
LED Flux=2970lm LED Power=25W Eff=33% EfcLed=119lm/W EfcLum=35lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E. F UTE	86 99 100 100 100 1.00 A	D DIN 5040 B NBN	A60 BZ 1				

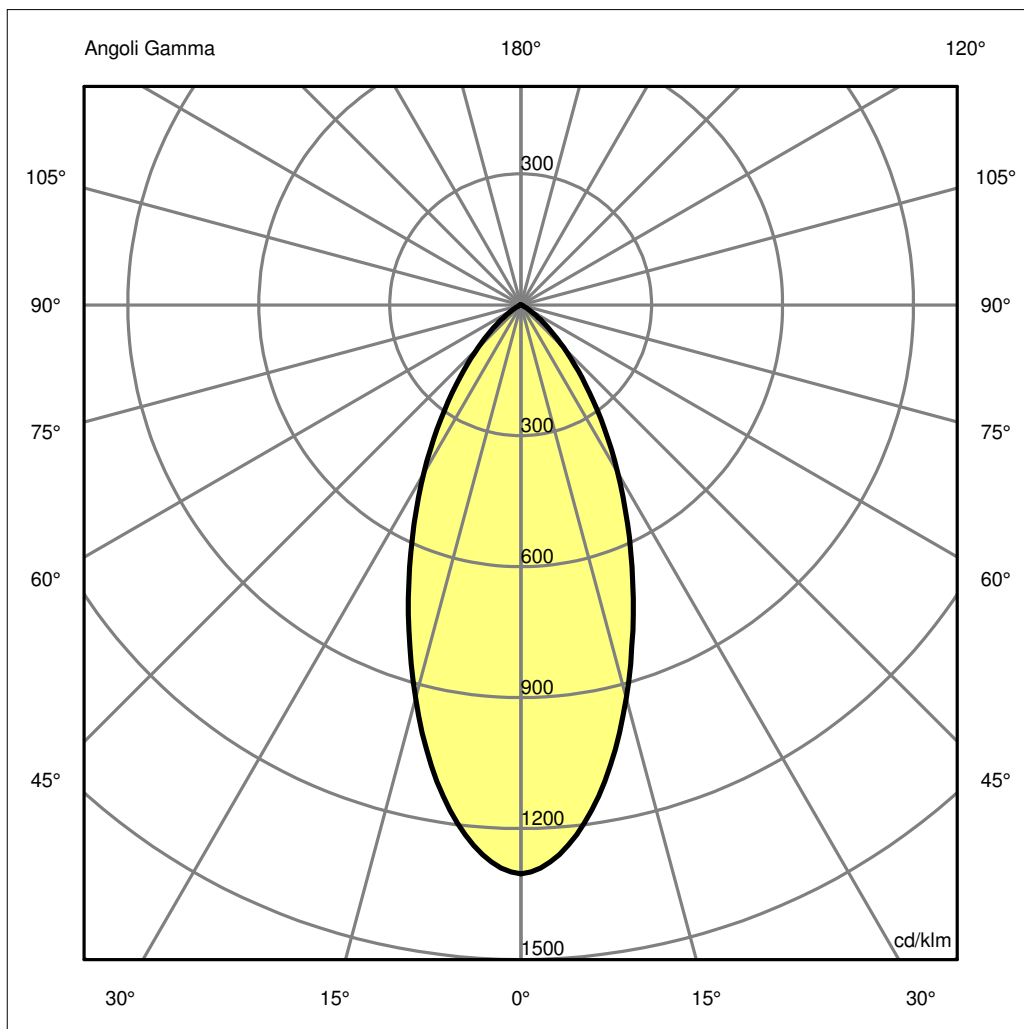
Diam=95mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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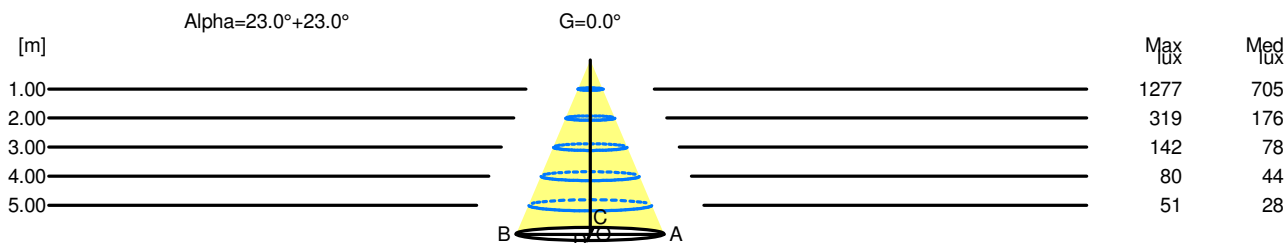
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Round Luminaire Round Luminous Area		Diam. Diam.	95 mm 65 mm	Height Height	100 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.003318 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000803 m2	
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C.I.E. F UTE	86 99 100 1.00 A	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	0.42	0.85	1.27	1.70	2.12	OC	0.42	0.85	1.27	1.70	2.12
OB	0.42	0.85	1.27	1.70	2.12	OD	0.42	0.85	1.27	1.70	2.12

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1277.48	1218.00	913.63	576.24	313.08	136.08	41.21	5.02	1.52	0.45
OB	1277.48	1218.00	913.63	576.24	313.08	136.08	41.21	5.02	1.52	0.45
OC	1277.48	1218.00	913.63	576.24	313.08	136.08	41.21	5.02	1.52	0.45
OD	1277.48	1218.00	913.63	576.24	313.08	136.08	41.21	5.02	1.52	0.45



H[m]	D[m]	Max lux	Med lux	Alpha=23.0°+23.0°	G=0.0
1.00	0.85	1277	705		
2.00	1.70	319	176		
3.00	2.55	142	78		
4.00	3.40	80	44		
5.00	4.25	51	28		

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Lamps Flux	980.00 lm	Maximum value	1303.55 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	21.8	22.6	22.1	22.8	23.0	21.8	22.6	22.1	22.8	23.0
x=2H y=3H	21.7	22.4	22.0	22.6	22.9	21.7	22.4	22.0	22.6	22.9
x=2H y=4H	21.6	22.3	21.9	22.5	22.8	21.6	22.3	21.9	22.5	22.8
x=2H y=6H	21.6	22.2	21.9	22.4	22.7	21.6	22.2	21.9	22.4	22.7
x=2H y=8H	21.5	22.1	21.8	22.4	22.7	21.5	22.1	21.8	22.4	22.7
x=2H y=12H	21.5	22.0	21.8	22.3	22.6	21.5	22.0	21.8	22.3	22.6
x=4H y=2H	21.7	22.4	22.0	22.6	22.9	21.7	22.4	22.0	22.6	22.9
x=4H y=3H	21.5	22.1	21.9	22.4	22.7	21.5	22.1	21.9	22.4	22.7
x=4H y=4H	21.5	22.0	21.9	22.3	22.6	21.5	22.0	21.9	22.3	22.6
x=4H y=6H	21.4	21.8	21.8	22.2	22.6	21.4	21.8	21.8	22.2	22.6
x=4H y=8H	21.4	21.7	21.8	22.1	22.5	21.4	21.7	21.8	22.1	22.5
x=4H y=12H	21.4	21.7	21.8	22.1	22.5	21.4	21.7	21.8	22.1	22.5
x=8H y=4H	21.4	21.7	21.8	22.1	22.5	21.4	21.7	21.8	22.1	22.5
x=8H y=6H	21.3	21.6	21.8	22.0	22.5	21.3	21.6	21.8	22.0	22.5
x=8H y=8H	21.3	21.5	21.7	21.9	22.4	21.3	21.5	21.7	21.9	22.4
x=8H y=12H	21.2	21.4	21.7	21.9	22.4	21.2	21.4	21.7	21.9	22.4
x=12H y=4H	21.3	21.7	21.8	22.1	22.5	21.3	21.7	21.8	22.1	22.5
x=12H y=6H	21.3	21.5	21.7	21.9	22.4	21.3	21.5	21.7	21.9	22.4
x=12H y=8H	21.2	21.4	21.7	21.9	22.4	21.2	21.4	21.7	21.9	22.4