

Luminaire

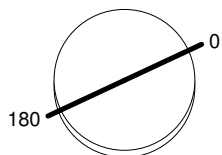
Code M276125+M281755
Name Caelum 90 LED 2x30 - 4000K bianco + filtro rosso

Measurem.

Code FTS1500271
Name Caelum 90 LED 2x30 - 4000K bianco + filtro rosso

Luminaire Flux	712.00 lm	Luminaire Power	28.00 W	Efficacy	25.43 lm/W	Efficiency	100.00%
Lamps Flux	712.00 lm	Maximum value	352.79 cd/klm	Position	C=0.00 G=32.00	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		712.00 lm	
LED Flux=2970lm LED Power=25W Eff=24% EfcLed=119lm/W EfcLum=25lm/W L70(6K)=50000h							
C.I.E.	52 90 99 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 4 / 1.25 / BZ 3		

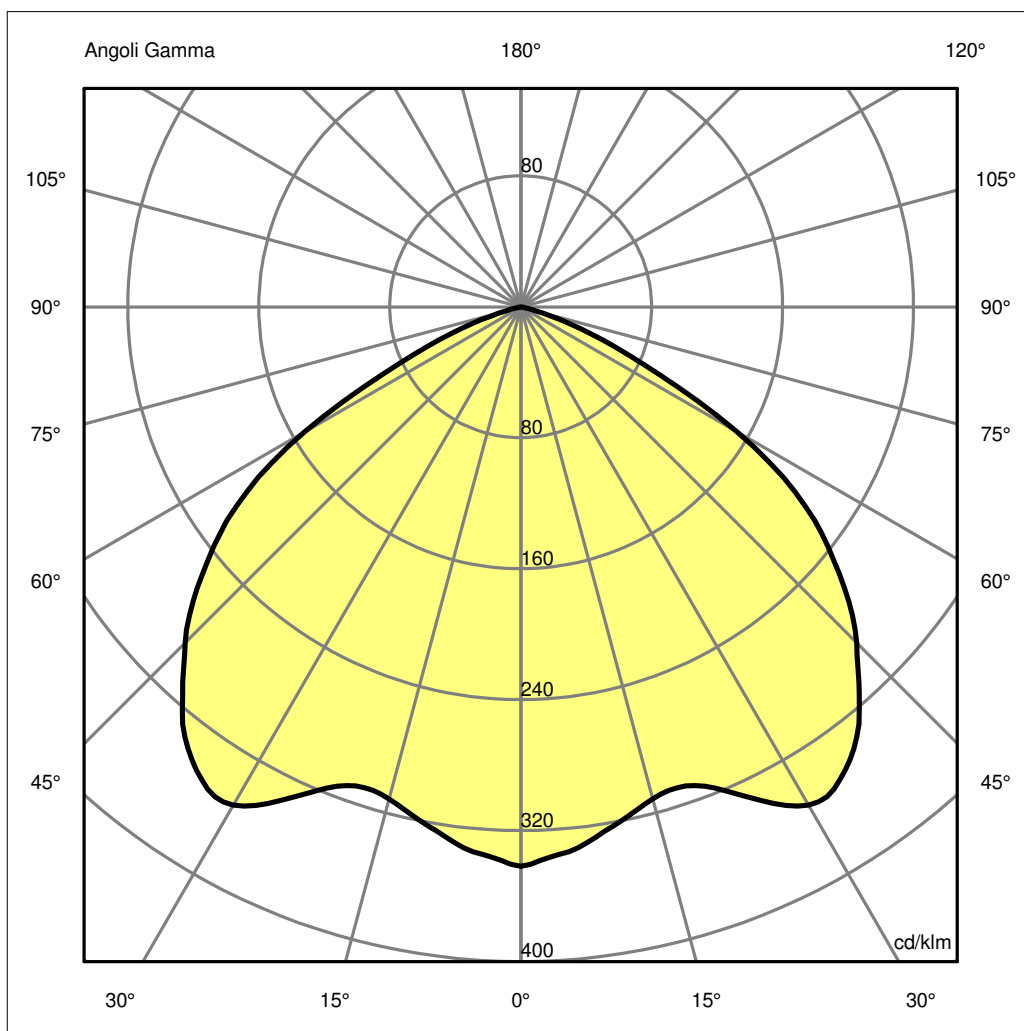
Diam=95mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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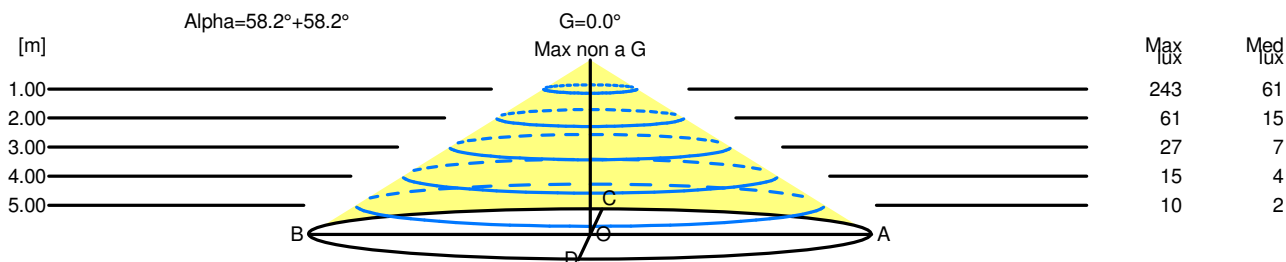
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C.I.E.	52 90 99 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 4 / 1.25 / BZ 3		

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	1.61	3.23	4.84	6.45	8.07	OC	1.61	3.23	4.84	6.45	8.07
OB	1.61	3.23	4.84	6.45	8.07	OD	1.61	3.23	4.84	6.45	8.07

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	243.35	237.89	221.55	235.45	245.98	206.56	151.02	58.48	7.07	0.55
OB	243.35	237.89	221.55	235.45	245.98	206.56	151.02	58.48	7.07	0.55
OC	243.35	237.89	221.55	235.45	245.98	206.56	151.02	58.48	7.07	0.55
OD	243.35	237.89	221.55	235.45	245.98	206.56	151.02	58.48	7.07	0.55



H[m]	D[m]	Max lux	Med lux	Alpha=58.2°+58.2°	G=0.0 Max non a G
1.00	3.23	243	61		
2.00	6.45	61	15		
3.00	9.68	27	7		
4.00	12.91	15	4		
5.00	16.13	10	2		

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Lamps Flux	712.00 lm	Maximum value	352.79 cd/klm	Position	C=0.00 G=32.00	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	27.7	28.9	28.0	29.2	29.4	27.7	28.9	28.0	29.2	29.4
x=2H y=3H	28.0	29.1	28.3	29.4	29.6	28.0	29.1	28.3	29.4	29.6
x=2H y=4H	28.0	29.0	28.3	29.3	29.6	28.0	29.0	28.3	29.3	29.6
x=2H y=6H	27.9	28.9	28.3	29.2	29.5	27.9	28.9	28.3	29.2	29.5
x=2H y=8H	27.9	28.8	28.3	29.1	29.4	27.9	28.8	28.3	29.1	29.4
x=2H y=12H	27.8	28.7	28.2	29.0	29.4	27.8	28.7	28.2	29.0	29.4
x=4H y=2H	28.1	29.1	28.4	29.4	29.7	28.1	29.1	28.4	29.4	29.7
x=4H y=3H	28.4	29.3	28.8	29.6	30.0	28.4	29.3	28.8	29.6	30.0
x=4H y=4H	28.4	29.2	28.8	29.5	29.9	28.4	29.2	28.8	29.5	29.9
x=4H y=6H	28.4	29.0	28.8	29.4	29.8	28.4	29.0	28.8	29.4	29.8
x=4H y=8H	28.3	28.9	28.8	29.3	29.7	28.3	28.9	28.8	29.3	29.7
x=4H y=12H	28.3	28.8	28.7	29.2	29.7	28.3	28.8	28.7	29.2	29.7
x=8H y=4H	28.4	29.0	28.8	29.3	29.8	28.4	29.0	28.8	29.3	29.8
x=8H y=6H	28.3	28.8	28.8	29.2	29.7	28.3	28.8	28.8	29.2	29.7
x=8H y=8H	28.3	28.7	28.7	29.1	29.6	28.3	28.7	28.7	29.1	29.6
x=8H y=12H	28.2	28.6	28.7	29.0	29.5	28.2	28.6	28.7	29.0	29.5
x=12H y=4H	28.3	28.9	28.8	29.3	29.7	28.3	28.9	28.8	29.3	29.7
x=12H y=6H	28.3	28.7	28.7	29.1	29.6	28.3	28.7	28.7	29.1	29.6
x=12H y=8H	28.2	28.6	28.7	29.0	29.5	28.2	28.6	28.7	29.0	29.5