

## Luminaire

Code NL17092K0  
Name Zeno UP 4 - frosted - round - 3000K

## Measur.

Code FTS1500401  
Name Zeno UP 4 - frosted - round - 3000K

Luminaire Flux	464.00 lm	Luminaire Power	10.00 W	Efficacy	46.40 lm/W	Efficiency	100.00%
Lamps Flux	464.00 lm	Maximum value	460.64 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	110 mm	Height	50 mm		
Round Luminous Area		Diam.	110 mm	Height	3 mm		
Horizontal Luminous Area		0.009503 m2		Emitting area on Plane 180°		0.000330 m2	
Emitting area on Plane 0°		0.000330 m2		Emitting area on Plane 270°		0.000330 m2	
Emitting area on Plane 90°		0.000330 m2		Glare area at 76°		0.002619 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		25-02-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		464.00 lm	
3000K - LED Flux=773 lm - LED Power=8.5 W - Eff=60 % - EfcLED=91 lm/W - EfcLum=46 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>39,300 ore							
C.I.E.	56 84 96 99 100			D DIN 5040	A41		
F UTE	0.99 D + 0.01 T			B NBN	BZ 3 / 1.25 / BZ 4		

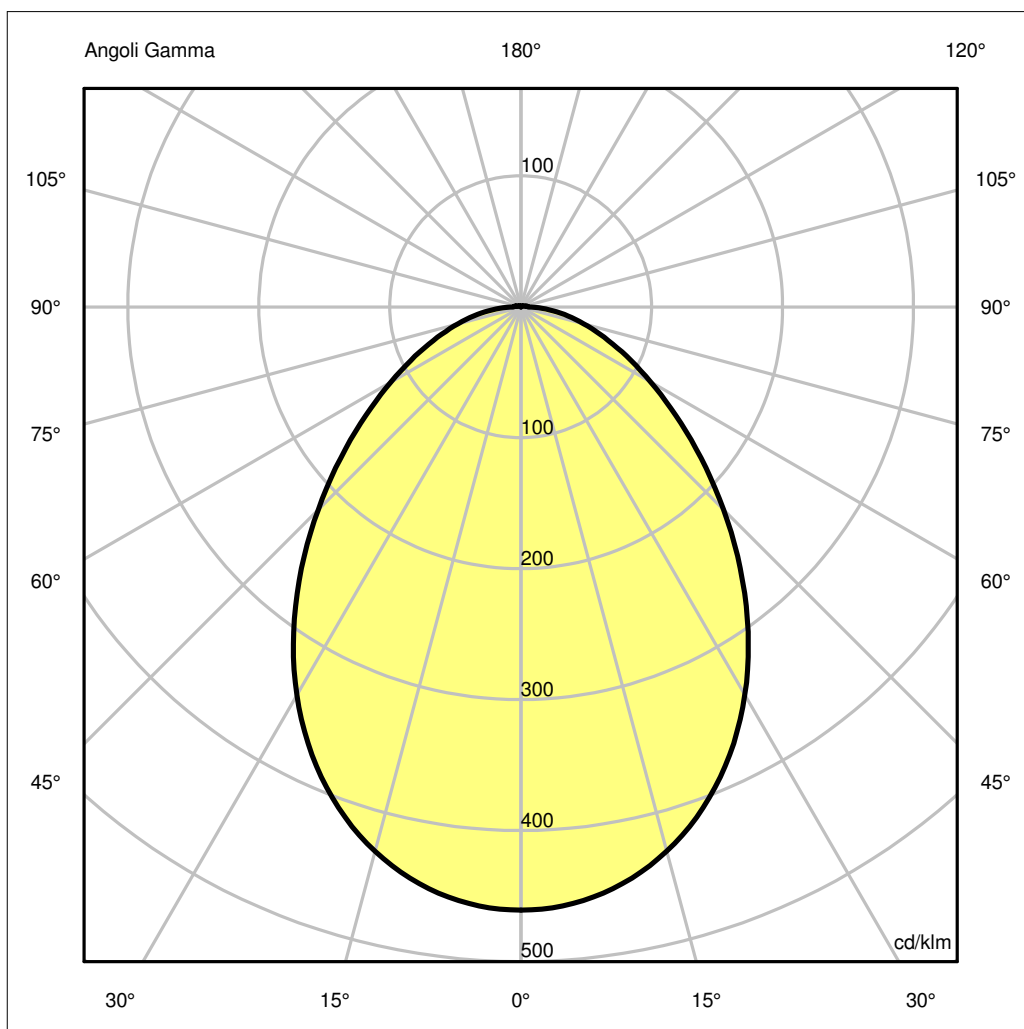
Diam=110mm



Semipiani C

180.0 ——— 0.0

ULOR 1.21 %  
DLOR 98.79 %  
RN 1.21 %



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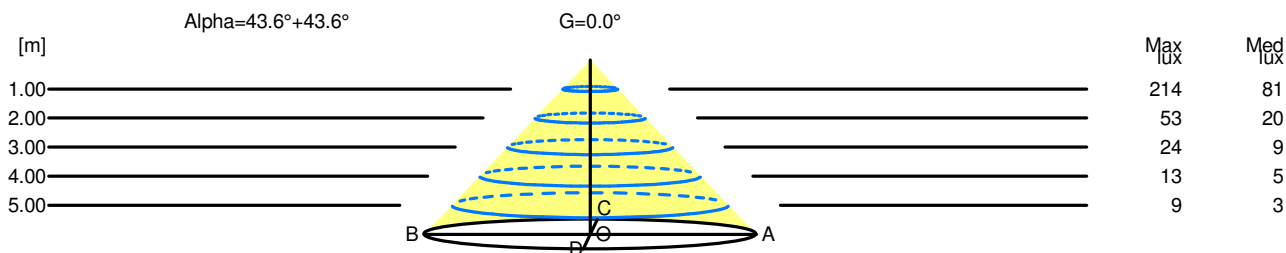
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Width at 50.00 % of Max Intensity

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	0.95	1.91	2.86	3.81	4.76	OC	0.95	1.91	2.86	3.81	4.76
OB	0.95	1.91	2.86	3.81	4.76	OD	0.95	1.91	2.86	3.81	4.76

	0	5	15	25	35	45	55	65	75	85
OA	213.73	212.18	199.71	175.09	140.40	101.55	67.10	41.32	22.99	8.89
OB	213.73	212.18	199.71	175.09	140.40	101.55	67.10	41.32	22.99	8.89
OC	213.73	212.18	199.71	175.09	140.40	101.55	67.10	41.32	22.99	8.89
OD	213.73	212.18	199.71	175.09	140.40	101.55	67.10	41.32	22.99	8.89



H[m]	D[m]	Max lux	Med lux	Alpha=43.6°+43.6°	G=0.0
1.00	1.91	214	81		
2.00	3.81	53	20		
3.00	5.72	24	9		
4.00	7.62	13	5		
5.00	9.53	9	3		