

## Luminaire

Code NL17090K0  
Name Zeno UP 3 - frosted - round - 3000K

## Measurem.

Code FTS1500395  
Name Zeno UP 3 - frosted - round - 3000K

Luminaire Flux	138.00 lm	Luminaire Power	4.80 W	Efficacy	28.75 lm/W	Efficiency	100.00%
Lamps Flux	138.00 lm	Maximum value	545.28 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	80 mm	Height	45 mm		
Round Luminous Area		Diam.	80 mm	Height	0 mm		
Horizontal Luminous Area		0.005027 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°		0.001216 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		28-02-2015		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		138.00 lm	
3000K - Imax=545 cd/klm - LED Flux=384 lm - LED Power=4.8 W - Eff=36 % - EfcLED=80 lm/W - EfcLum=29 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>39,300 ore							
C.I.E.	58 84 96 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 3 / 2.5 / BZ 4		

Diam=80mm



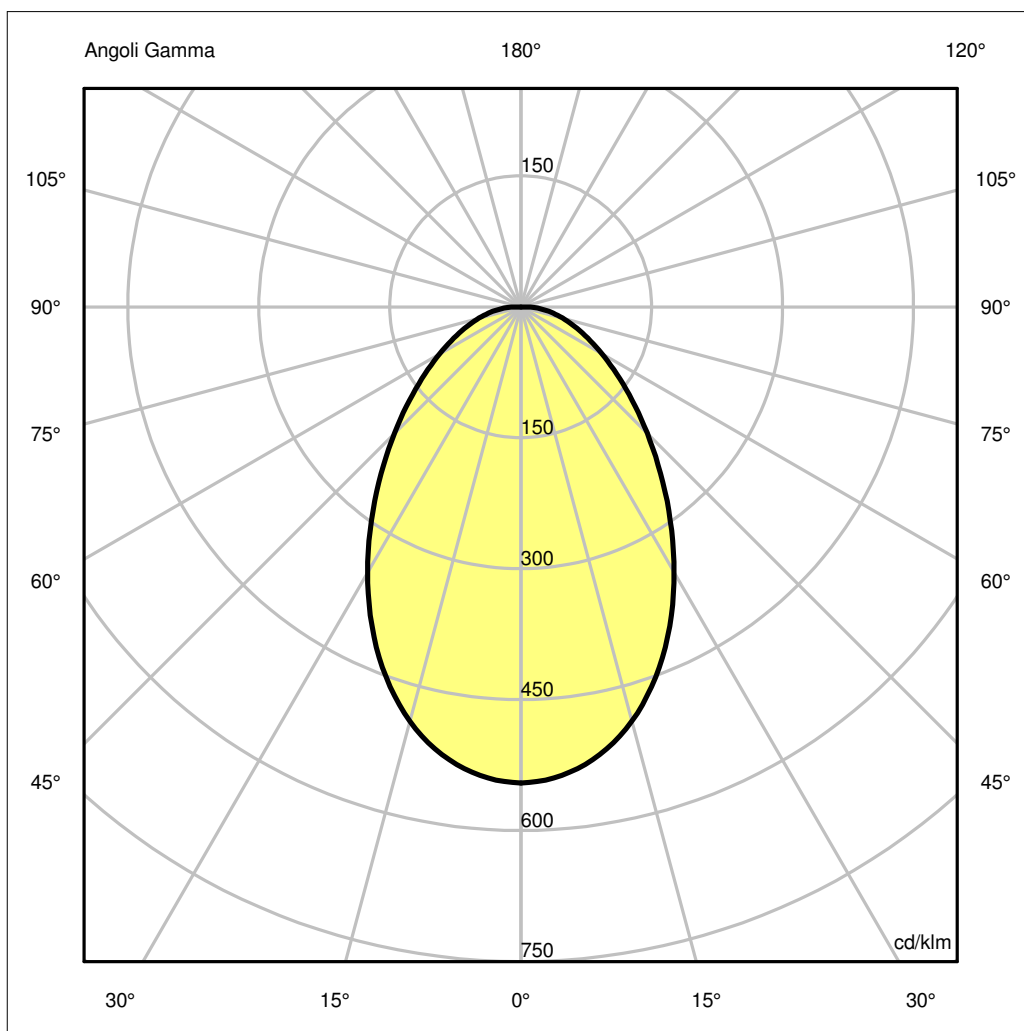
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measur.

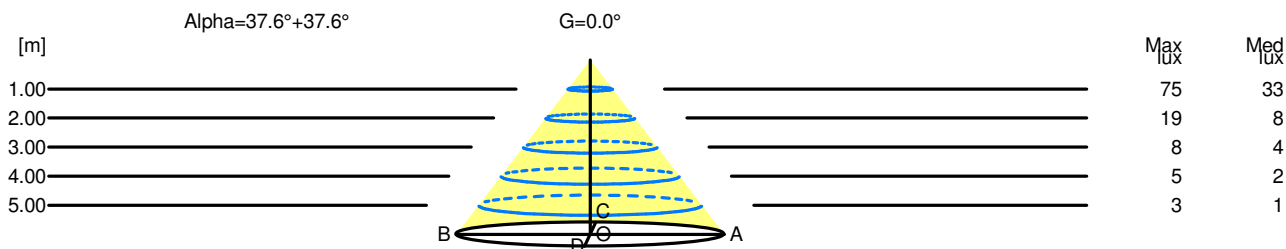
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Round Luminaire Round Luminous Area		Diam. Diam.	80 mm 80 mm	Height Height	45 mm 0 mm		
Horizontal Luminous Area		0.005027 m2		Emitting area on Plane 180°		0.000000 m2	
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Width at 50.00 % of Max Intensity

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	0.77	1.54	2.31	3.08	3.85	OC	0.77	1.54	2.31	3.08	3.85
OB	0.77	1.54	2.31	3.08	3.85	OD	0.77	1.54	2.31	3.08	3.85

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	75.25	74.34	67.80	55.68	41.18	28.26	18.52	11.69	6.83	3.03
OB	75.25	74.34	67.80	55.68	41.18	28.26	18.52	11.69	6.83	3.03
OC	75.25	74.34	67.80	55.68	41.18	28.26	18.52	11.69	6.83	3.03
OD	75.25	74.34	67.80	55.68	41.18	28.26	18.52	11.69	6.83	3.03



H[m]	D[m]	Max lux	Med lux	Alpha=37.6°+37.6°	G=0.0
1.00	1.54	75	33		
2.00	3.08	19	8		
3.00	4.62	8	4		
4.00	6.16	5	2		
5.00	7.70	3	1		