

Luminaire

Code T0792010
Name UNTERLINDEN BOLLARD 3000K 175 ALU OUTD.

Measurement

Code FTS2400480.
Name UNTERLINDEN BOLLARD 3000K 175 ALU OUTD.

Luminaire Flux	860 lm	Luminaire Power	9.0 W	Efficacy	95.556 lm/W	Efficiency	100.00%
Source Flux	860 lm	Maximum value	400.37 cd/klm	Position	C=0.00 G=8.00	CG	Rotosymmetrical
Round Luminaire		Diam.	175 mm	Height	146 mm		
Round Luminous Area		Diam.	90 mm	Height	0 mm		
Horizontal Luminous Area			0.006362 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°			0.001539 m2
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		02-08-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		860 lm	

LED Flux=1197lm LED Power=9W Eff=72% EfcLed=133lm/W EfcLum=96lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

C.I.E. 55 89 99 99 100
F UTE 0.99 D + 0.01 T

D DIN 5040
B NBN

A41
BZ 4 / 0.6 / BZ 3

Diam=175mm



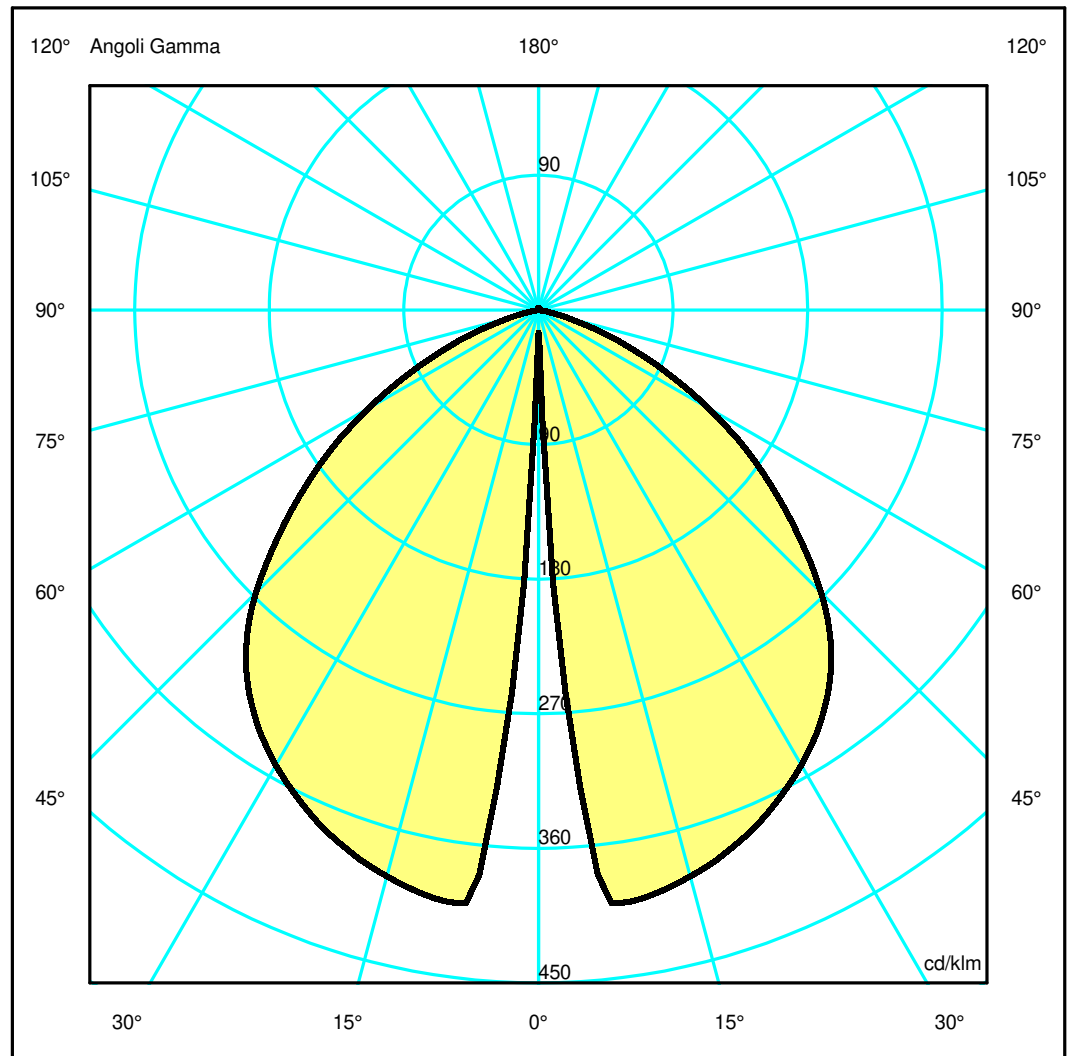
Semipiani C

180.0 ——— 0.0

ULOR 0.58 %

DLOR 99.42 %

RN 0.58 %



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Measur.

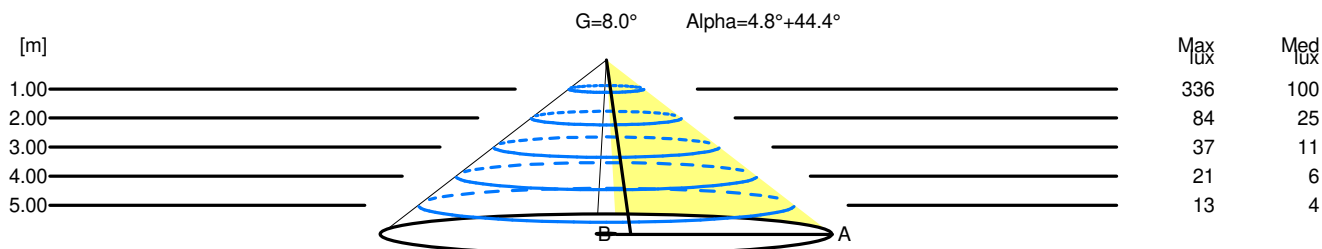
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C.I.E.	55 89 99 99 100			D DIN 5040	A41		
F UTE	0.99 D + 0.01 T			B NBN	BZ 4 / 0.6 / BZ 3		

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	1.16	2.31	3.47	4.62	5.78	OC	1.31	2.62	3.93	5.24	6.55
OB	0.08	0.17	0.25	0.34	0.42	OD	1.31	2.62	3.93	5.24	6.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	13.04	275.42	337.13	316.47	284.72	229.86	152.05	74.63	17.14	0.78
OB	13.04	275.42	337.13	316.47	284.72	229.86	152.05	74.63	17.14	0.78
OC	13.04	275.42	337.13	316.47	284.72	229.86	152.05	74.63	17.14	0.78
OD	13.04	275.42	337.13	316.47	284.72	229.86	152.05	74.63	17.14	0.78



H[m]	D[m]	Max lux	Med lux	Alpha=4.8°+44.4°	G=8.0
1.00	1.24	336	100		
2.00	2.48	84	25		
3.00	3.72	37	11		
4.00	4.96	21	6		
5.00	6.20	13	4		