

Luminaire

Code DD0014D10B1W
Name UNA PRO 12 LED TR 3000K/NSP - BCO

Measurem.

Code FTS1600341-A
Name UNA PRO 12 LED TR 3000K/NSP - BCO

Luminaire Flux	1162 lm	Luminaire Power	13.0 W	Efficacy	89.419 lm/W	Efficiency	100.00%
Source Flux	1162 lm	Maximum value	18553.53 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Rectangular Luminaire		Length	150 mm	Width	150 mm	Height	20 mm
Rectangular Luminous Area		Length	106 mm	Width	80 mm	Height	0 mm
Horizontal Luminous Area		0.008480 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°		0.002051 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		30-08-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1162 lm	
LED Flux=1428lm LED Power=11W Eff=81% EfcLed=125lm/W EfcLum=89lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=272160h							
C.I.E.	95 97 99 99 100			D DIN 5040	A61		
F UTE	0.99 A + 0.01 T			B NBN	BZ 1		

150mm x 150mm



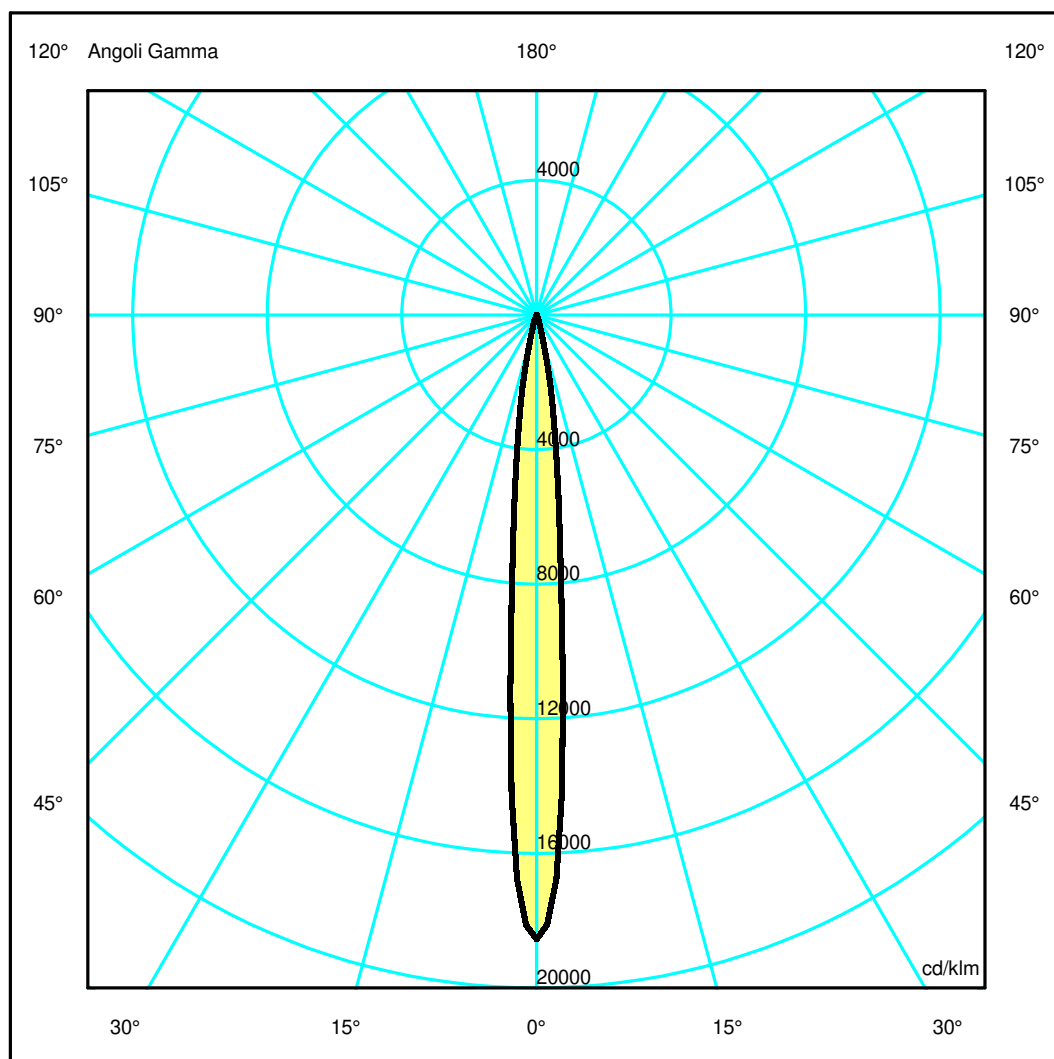
Semipiani C

180.0 — 0.0

ULOR 0.65 %

DLOR 99.35 %

RN 0.65 %



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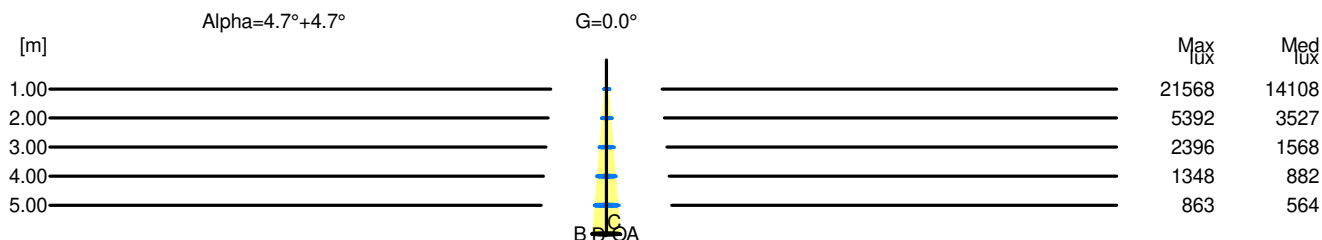
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F UTE	0.99 A + 0.01 T			B NBN	BZ 1		

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	0.08	0.17	0.25	0.33	0.41	OC	0.08	0.17	0.25	0.33	0.41
OB	0.08	0.17	0.25	0.33	0.41	OD	0.08	0.17	0.25	0.33	0.41

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	21567.55	9943.78	729.78	84.18	33.06	17.75	15.73	16.07	7.65	9.73
OB	21567.55	9943.78	729.78	84.18	33.06	17.75	15.73	16.07	7.65	9.73
OC	21567.55	9943.78	729.78	84.18	33.06	17.75	15.73	16.07	7.65	9.73
OD	21567.55	9943.78	729.78	84.18	33.06	17.75	15.73	16.07	7.65	9.73



H[m]	D[m]	Max lux	Med lux	Alpha=4.7°+4.7°	G=0.0
1.00	0.17	21568	14108		
2.00	0.33	5392	3527		
3.00	0.50	2396	1568		
4.00	0.66	1348	882		
5.00	0.83	863	564		