

Luminaire

Code DD0014G10C1W
Name UNA PRO 16 LED SEMI/R 3000K/NSP - BCO

Measurem.

Code FTS1600441-A
Name UNA PRO 16 LED SEMI/R 3000K/NSP - BCO

Luminaire Flux	1550 lm	Luminaire Power	20.0 W	Efficacy	77.497 lm/W	Efficiency	100.00%
Source Flux	1550 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	106 mm	Height	0 mm
Horizontal Luminous Area		0.011236 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.002718 m ²	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		30-08-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1550 lm	
LED Flux=1904lm LED Power=15W Eff=81% EfcLed=125lm/W EfcLum=77lm/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



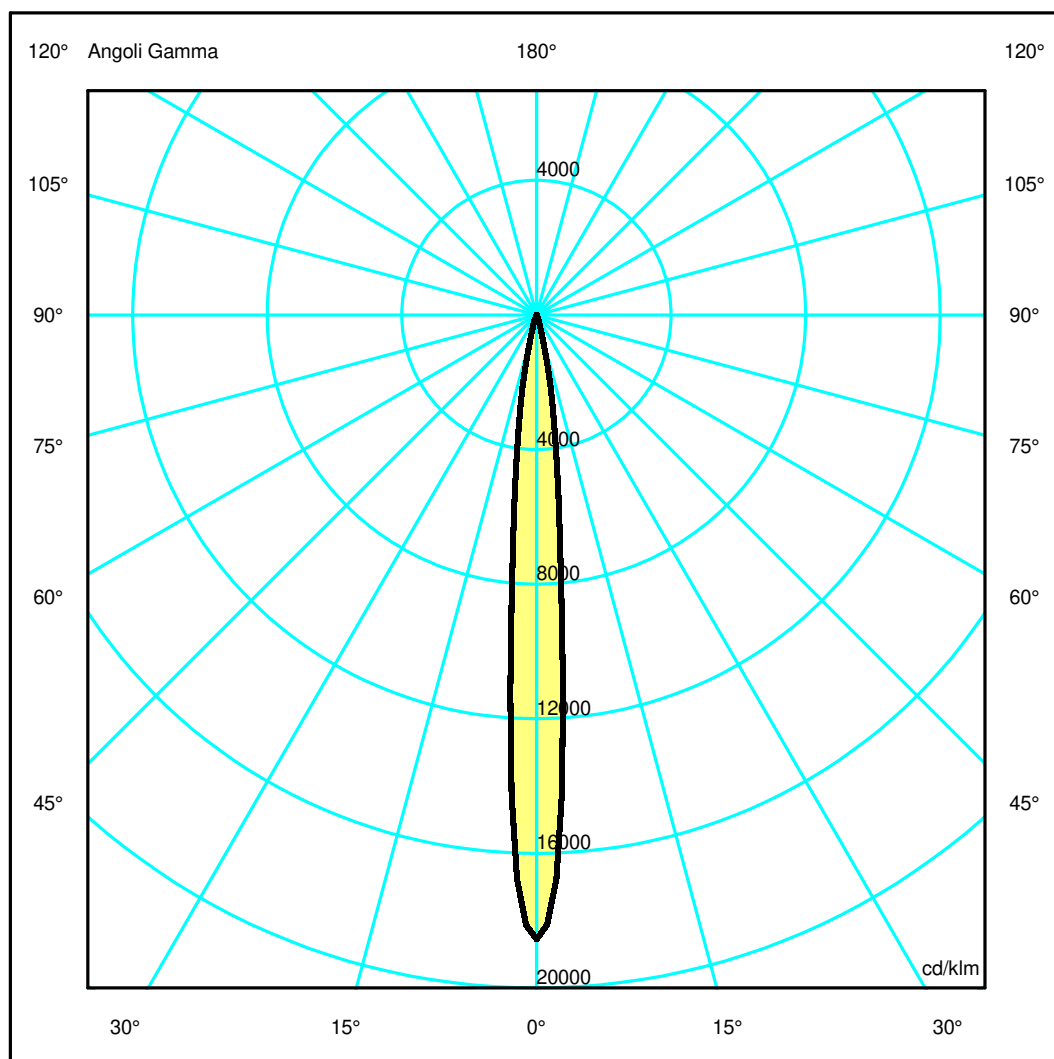
Semipiani C

180.0 ——— 0.0

ULOR 0.65 %

DLOR 99.35 %

RN 0.65 %



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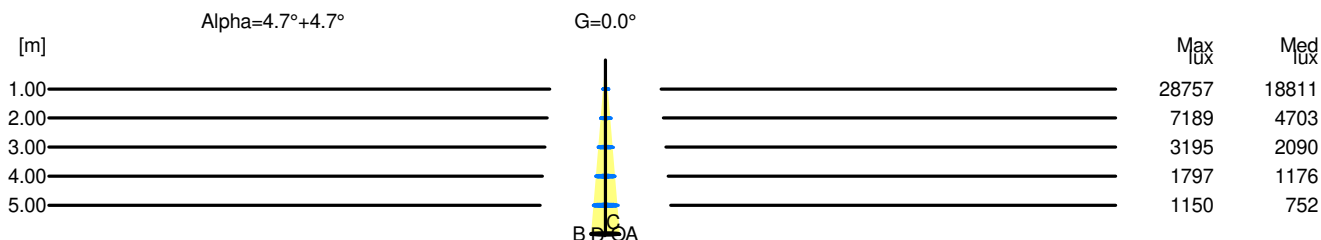
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Rectangular Luminous Area		Length	106 mm	Width	106 mm	Height	0 mm
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Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.002718 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		30-08-2022		Maximum Gamma Angle		180	
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LED Flux=1904lm LED Power=15W Eff=81% EfcLed=125lm/W EfcLum=77lm/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		

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	28756.68	13258.35	973.04	112.24	44.08	23.66	20.97	21.42	10.19	12.98
OB	28756.68	13258.35	973.04	112.24	44.08	23.66	20.97	21.42	10.19	12.98
OC	28756.68	13258.35	973.04	112.24	44.08	23.66	20.97	21.42	10.19	12.98
OD	28756.68	13258.35	973.04	112.24	44.08	23.66	20.97	21.42	10.19	12.98



H[m]	D[m]	Max lux	Med lux	Alpha=4.7°+4.7°	G=0.0
1.00	0.17	28757	18811		
2.00	0.33	7189	4703		
3.00	0.50	3195	2090		
4.00	0.66	1797	1176		
5.00	0.83	1150	752		