

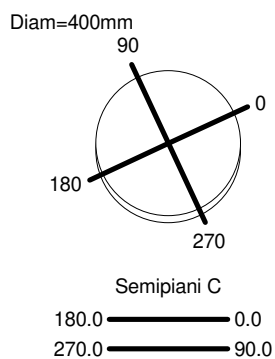
Luminaire

Code 0152030A
Name STELLAR NEBULA 40

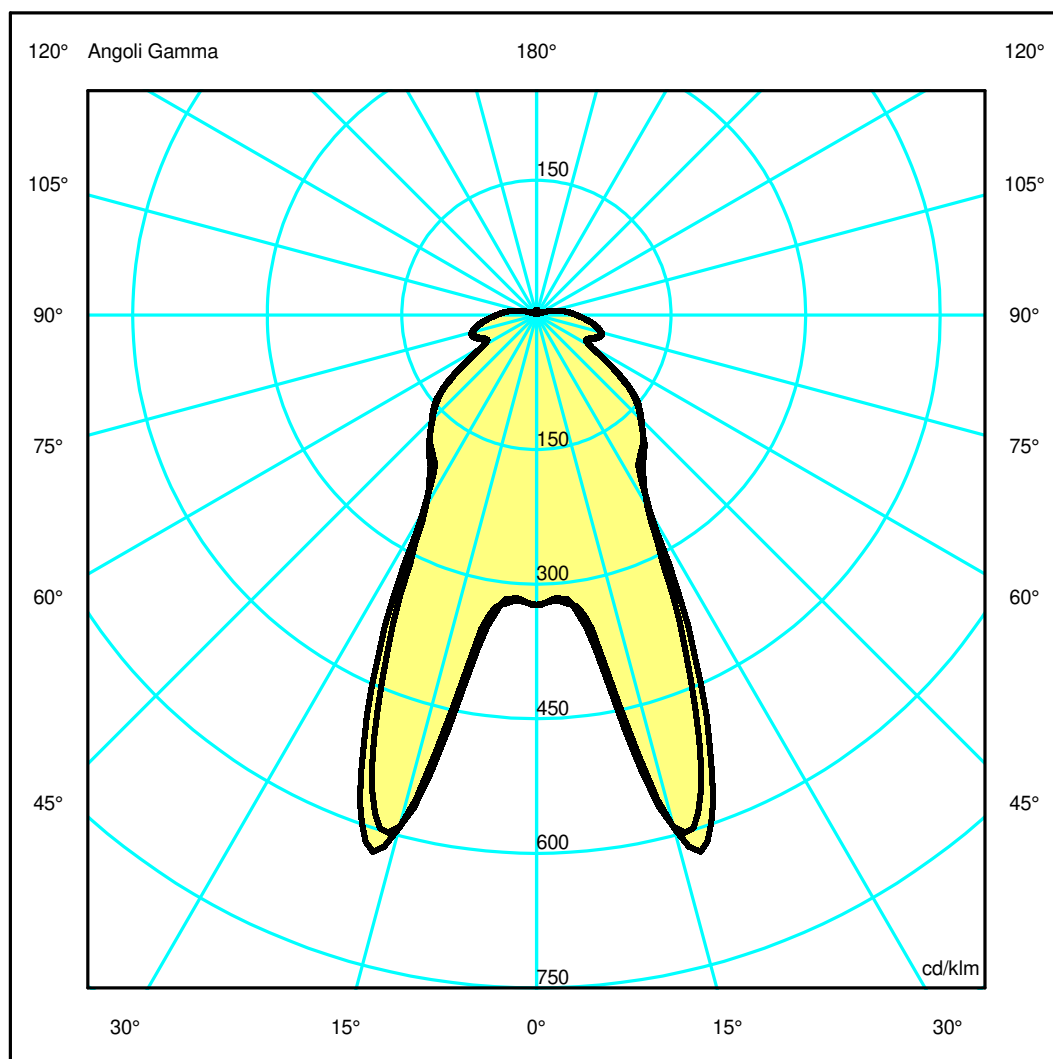
Measurerm.

Code FTS2200165
Name STELLAR NEBULA 40

Luminaire Flux	2536 lm	Luminaire Power	28.0 W	Efficacy	90.570 lm/W	Efficiency	100.00%
Source Flux	2536 lm	Maximum value	625.38 cd/klm	Position	C=90.00 G=17.00	CG	Double Symmetrical
Round Luminaire		Diam.	400 mm	Height	420 mm		
Round Luminous Area		Diam.	400 mm	Height	417 mm		
Horizontal Luminous Area				Emitting area on Plane 180°		0.166800 m2	
Emitting area on Plane 0°		0.125664 m2		Emitting area on Plane 270°		0.166800 m2	
Emitting area on Plane 90°		0.166800 m2		Glare area at 76°		0.192246 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-07-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2536 lm	
LED Flux=3034lm LED Power=24W Eff=84% EfcLed=126lm/W EfcLum=91lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h							
C.I.E.	56 78 90 92 100			D DIN 5040	A41		
F UTE	0.92 D + 0.08 T			B NBN	BZ 3 / 1 / BZ 4 / 2.5 / BZ 5		



ULOR 8.33 %
DLOR 91.67 %
RN 8.33 %



Luminaire

Code 0152030A
Name STELLAR NEBULA 40

Measurerm.

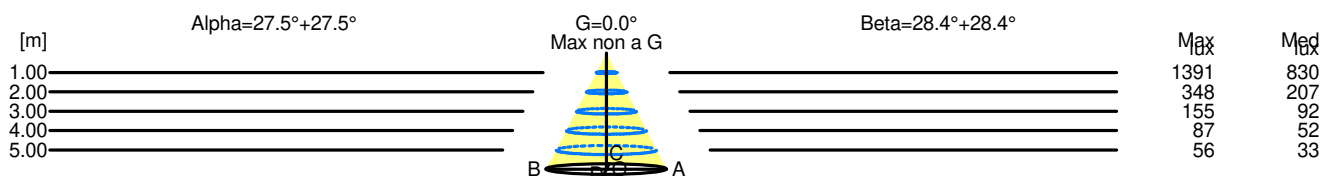
Code FTS2200165
Name STELLAR NEBULA 40

Luminaire Flux	2536 lm	Luminaire Power	28.0 W	Efficacy	90.570 lm/W	Efficiency	100.00%
Source Flux	2536 lm	Maximum value	625.38 cd/klm	Position	C=90.00 G=17.00	CG	Double Symmetrical
Round Luminaire		Diam.	400 mm	Height	420 mm		
Round Luminous Area		Diam.	400 mm	Height	417 mm		
Horizontal Luminous Area		0.125664 m ²		Emitting area on Plane 180°		0.166800 m ²	
Emitting area on Plane 0°		0.166800 m ²		Emitting area on Plane 270°		0.166800 m ²	
Emitting area on Plane 90°		0.166800 m ²		Glare area at 76°		0.192246 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-07-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2536 lm	
LED Flux=3034lm LED Power=24W Eff=84% EfcLed=126lm/W EfcLum=91lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h							
C.I.E.	56 78 90 92 100			D DIN 5040	A41		
F UTE	0.92 D + 0.08 T			B NBN	BZ 3 / 1 / BZ 4 / 2.5 / BZ 5		

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	0.52	1.04	1.56	2.08	2.60	OC	0.54	1.08	1.62	2.16	2.70
OB	0.52	1.04	1.56	2.08	2.60	OD	0.54	1.08	1.62	2.16	2.70

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	818.44	804.60	1497.06	956.15	521.85	416.30	265.07	163.54	189.68	141.28
OB	818.44	804.60	1497.06	956.15	521.85	416.30	265.07	163.54	189.68	141.28
OC	818.44	812.48	1500.36	1052.54	503.66	418.98	269.85	157.31	186.04	139.01
OD	818.44	812.48	1500.36	1052.54	503.66	418.98	269.85	157.31	186.04	139.01



H[m]	D[m]	Max lux	Med lux	Alpha=27.5°+27.5°	G=0.0° Max non a G
1.00	1.04	1391	830		
2.00	2.08	348	207		
3.00	3.12	155	92		
4.00	4.16	87	52		
5.00	5.19	56	33		

H[m]	D[m]	Max lux	Med lux	Beta=28.4°+28.4°	G=0.0° Max non a G
1.00	1.08	1391	830		
2.00	2.16	348	207		
3.00	3.24	155	92		
4.00	4.32	87	52		
5.00	5.40	56	33		