

Luminaire

Code 0152000A
Name STELLAR NEBULA 16

Measurerm.

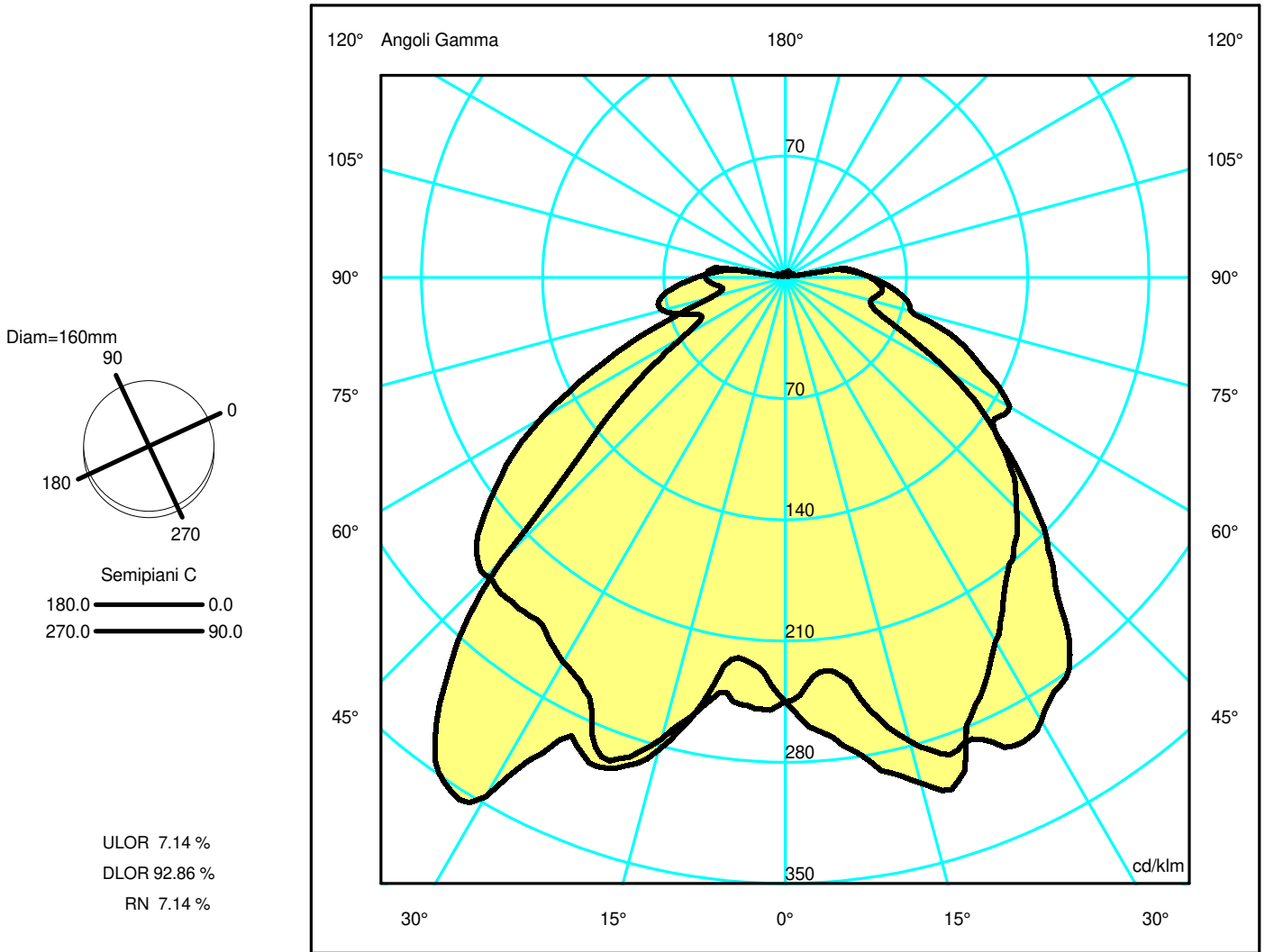
Code FTS2400155.
Name STELLAR NEBULA 16

Luminaire Flux	594 lm	Luminaire Power	9.0 W	Efficacy	66.000 lm/W	Efficiency	100.00%
Source Flux	594 lm	Maximum value	366.61 cd/klm	Position	C=285.00 G=31.00	CG	Asymmetrical
Round Luminaire		Diam.	160 mm	Height	210 mm		
Round Luminous Area		Diam.	160 mm	Height	200 mm		
Horizontal Luminous Area		0.020106 m2		Emitting area on Plane 180°		0.032000 m2	
Emitting area on Plane 0°		0.032000 m2		Emitting area on Plane 270°		0.032000 m2	
Emitting area on Plane 90°		0.032000 m2		Glare area at 76°		0.035914 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		20-05-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		594 lm	

LED Flux=875lm LED Power=6.8W Eff=68% EfcLed=129lm/W EfcLum=66lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

C.I.E. 46 76 90 93 100
F UTE 0.93 E + 0.07 T

D DIN 5040 A31
B NBN BZ 5



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Measurment.

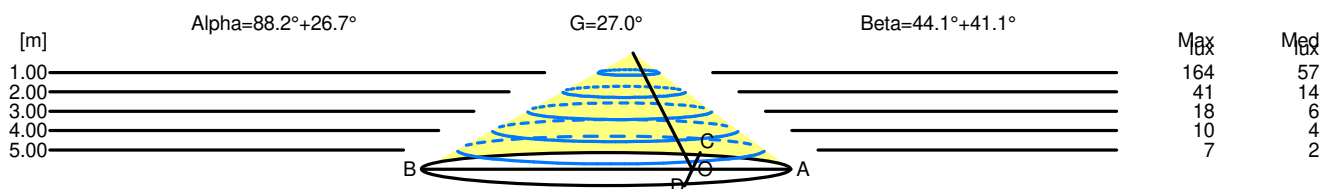
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C.I.E.	46 76 90 93 100			D DIN 5040	A31		
F UTE	0.93 E + 0.07 T			B NBN	BZ 5		

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	0.85	1.70	2.55	3.40	4.25	OC	1.09	2.18	3.26	4.35	5.44
OB	2.33	4.66	6.99	9.32	11.64	OD	0.98	1.96	2.94	3.92	4.90

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	145.51	135.92	164.60	177.83	167.74	126.77	84.66	44.73	30.44	32.78
OB	145.51	147.40	163.86	158.91	145.43	144.80	118.78	68.02	26.57	24.80
OC	145.51	157.09	179.61	158.50	130.97	112.14	86.74	75.44	44.60	35.98
OD	145.51	132.92	167.82	173.52	207.21	138.02	61.32	31.63	43.47	38.04



H[m]	D[m]	Max lux	Med lux	Alpha=88.2°+26.7°	G=27.0
1.00	3.18	164	57		
2.00	6.36	41	14		
3.00	9.54	18	6		
4.00	12.72	10	4		
5.00	15.89	7	2		

H[m]	D[m]	Max lux	Med lux	Beta=41.1°+44.1°	G=0.0
1.00	2.07	164	57		
2.00	4.14	41	14		
3.00	6.20	18	6		
4.00	8.27	10	4		
5.00	10.34	7	2		