

## Luminaire

Code 0152420APP  
Name STELLAR NEBULA CLUSTER CIR APP

## Measurement

Code FTS2300069  
Name STELLAR NEBULA CLUSTER CIR APP

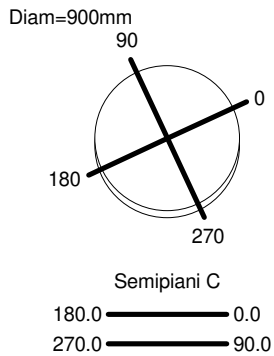
Luminaire Flux	3331 lm	Luminaire Power	55.0 W	Efficacy	60.567 lm/W	Efficiency	100.00%
Source Flux	3331 lm	Maximum value	401.73 cd/klm	Position	C=40.00 G=21.00	CG	Asymmetrical
Round Luminaire		Diam.	900 mm	Height	370 mm		
Round Luminous Area		Diam.	660 mm	Height	298 mm		
Horizontal Luminous Area			0.342119 m <sup>2</sup>	Emitting area on Plane 180°			0.196680 m <sup>2</sup>
Emitting area on Plane 0°			0.196680 m <sup>2</sup>	Emitting area on Plane 270°			0.196680 m <sup>2</sup>
Emitting area on Plane 90°			0.196680 m <sup>2</sup>	Glare area at 76°			0.273604 m <sup>2</sup>
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		14-07-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3331 lm	

LED Flux=4005lm LED Power=47W Eff=83% EfcLed=85lm/W EfcLum=61lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=33000h

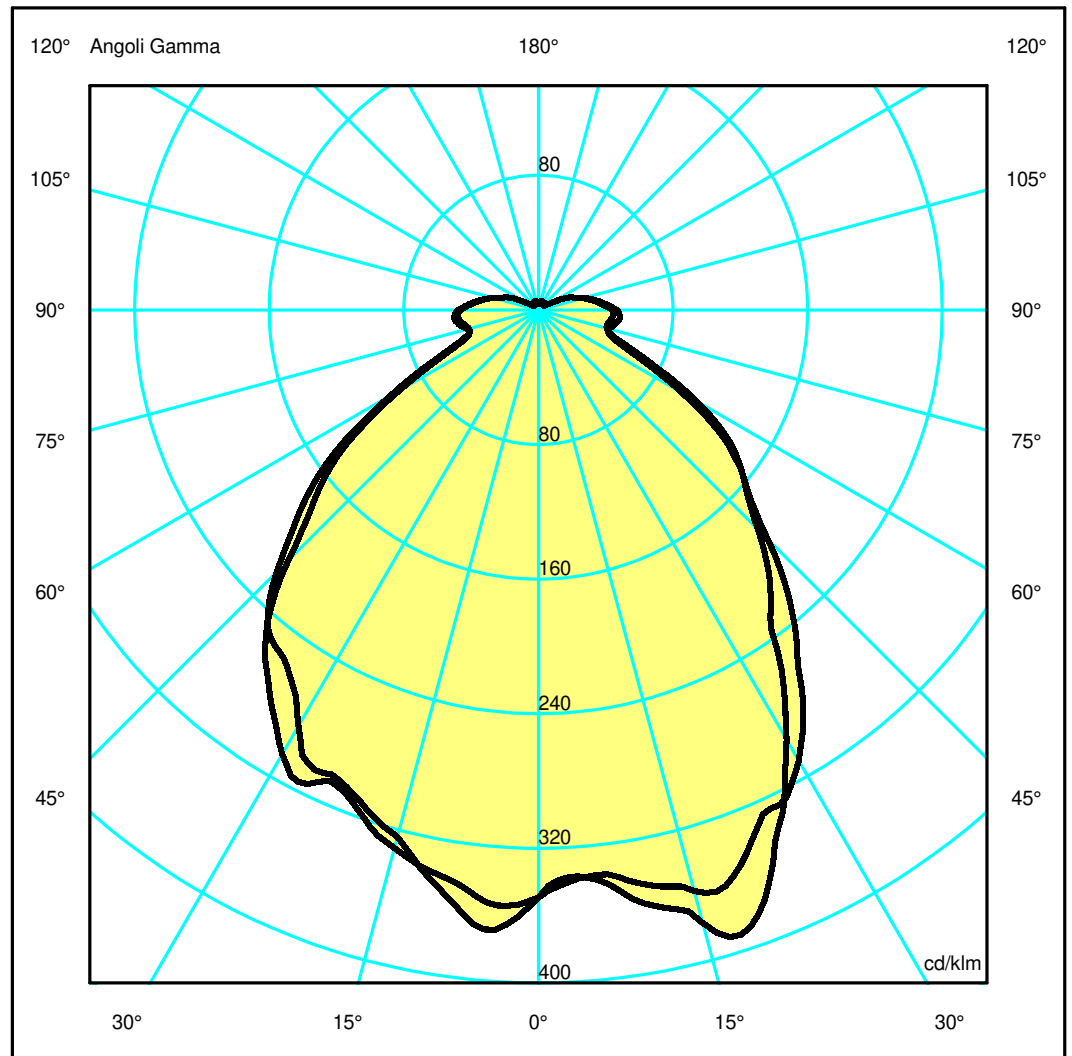
C.I.E. 53 82 92 89 100  
F UTE 0.89 D + 0.11 T

D DIN 5040  
B NBN

B41  
BZ 4 / 3 / BZ 5



ULOR 10.81 %  
DLOR 89.19 %  
RN 10.81 %



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## Measurerm.

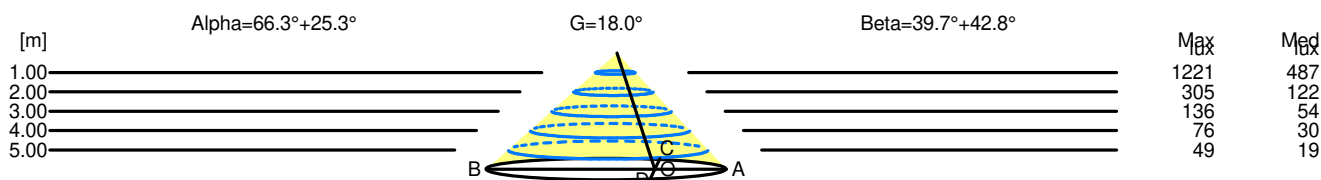
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Name STELLAR NEBULA CLUSTER CIR APP

Luminaire Flux	3331 lm	Luminaire Power	55.0 W	Efficacy	60.567 lm/W	Efficiency	100.00%
Source Flux	3331 lm	Maximum value	401.73 cd/klm	Position	C=40.00 G=21.00	CG	Asymmetrical
Round Luminaire		Diam.	900 mm	Height	370 mm		
Round Luminous Area		Diam.	660 mm	Height	298 mm		
Horizontal Luminous Area			0.342119 m2	Emitting area on Plane 180°			0.196680 m2
Emitting area on Plane 0°			0.196680 m2	Emitting area on Plane 270°			0.196680 m2
Emitting area on Plane 90°			0.196680 m2	Glare area at 76°			0.273604 m2
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		14-07-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3331 lm	
LED Flux=4005lm LED Power=47W Eff=83% EfcLed=85lm/W EfcLum=61lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=33000h							
C.I.E.	53 82 92 89 100			D DIN 5040	B41		
F UTE	0.89 D + 0.11 T			B NBN	BZ 4 / 3 / 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	0.62	1.23	1.85	2.47	3.09	OC	0.87	1.75	2.62	3.50	4.37
OB	1.45	2.90	4.35	5.80	7.25	OD	0.97	1.95	2.92	3.90	4.87

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1163.01	1128.33	1256.65	1126.55	824.99	614.19	467.15	240.94	139.88	147.26
OB	1163.01	1231.28	1080.03	1010.91	866.85	732.89	494.42	215.40	142.75	159.93
OC	1163.01	1126.08	1190.92	1088.79	907.19	642.04	453.76	212.71	145.29	161.38
OD	1163.01	1177.55	1102.61	1030.96	928.12	701.39	467.40	199.94	146.73	167.72



H[m]	D[m]	Max lux	Med lux	Alpha=66.3°+25.3°	G=18.0
1.00	2.07	1221	487		
2.00	4.13	305	122		
3.00	6.20	136	54		
4.00	8.27	76	30		
5.00	10.33	49	19		

H[m]	D[m]	Max lux	Med lux	Beta=42.8°+39.7°	G=0.0
1.00	1.85	1221	487		
2.00	3.70	305	122		
3.00	5.55	136	54		
4.00	7.39	76	30		
5.00	9.24	49	19		