

## Luminaire

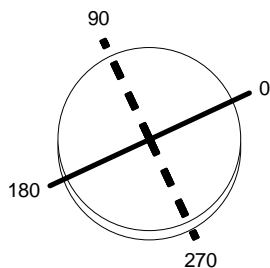
Code 1699010A  
Name NEBULA LED PAR/SOFF

## Measurem.

Code FTS0002551  
Name NEBULA LED PAR/SOFF

Luminaire Flux	2061.84 lm	Luminaire Power	48.00 W	Efficacy	42.95 lm/W	Efficiency	100.00%
Lamps Flux	2061.84 lm	Maximum value	215.70 cd/klm	Position	C=75.00 G=80.00	CG	Double Symmetrical
Round Luminaire		Diam.	800 mm	Height	250 mm		
Round Luminous Area		Diam.	715 mm	Height	0 mm		
Horizontal Luminous Area		0.401515 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°		0.097135 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		19-12-2012		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		2061.84 lm	
Superlight							
C.I.E.	22 44 74 100 100			D DIN 5040	A10		
F UTE	1.00 J			B NBN	BZ 9		

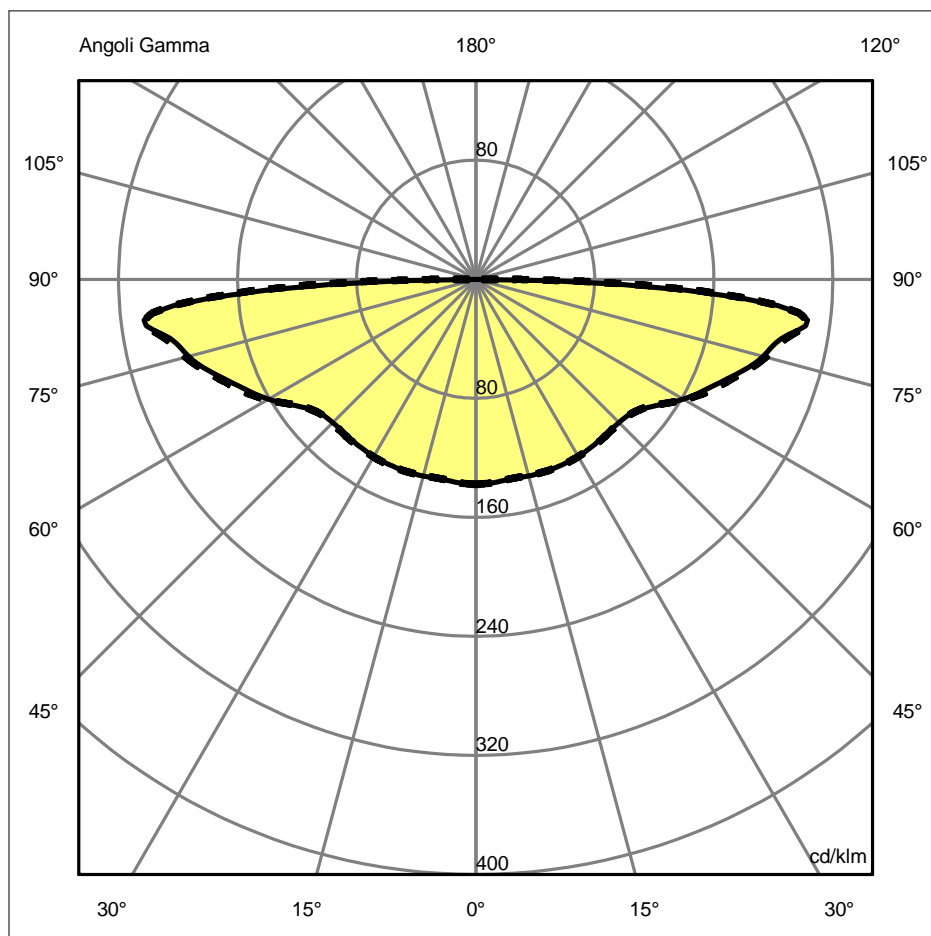
Diam=800mm



Semipiani C

180.0 ——— 0.0  
270.0 - - - - - 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measur.

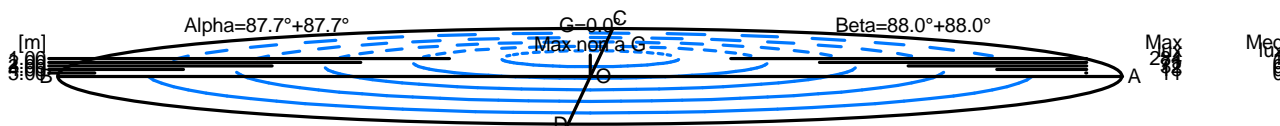
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Width at 50.00 % of Max Intensity

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	24.78	49.55	74.33	99.11	123.88	OC	28.86	57.71	86.57	115.43	144.28
OB	24.78	49.55	74.33	99.11	123.88	OD	28.86	57.71	86.57	115.43	144.28

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	283.99	282.66	281.98	283.44	281.99	280.53	304.93	356.40	412.35	420.52
OB	283.99	282.66	281.98	283.44	281.99	280.53	304.93	356.40	412.35	420.52
OC	283.99	282.77	281.87	284.11	283.22	281.54	303.81	361.33	416.38	423.32
OD	283.99	282.77	281.87	284.11	283.22	281.54	303.81	361.33	416.38	423.32



H[m]	D[m]	Max lux	Med lux	Alpha=87.7°+87.7°	G=0.0	Max non a G
1.00	49.55	284	1			
2.00	99.11	71	0			
3.00	148.66	32	0			
4.00	198.21	18	0			
5.00	247.77	11	0			

H[m]	D[m]	Max lux	Med lux	Beta=88.0°+88.0°	G=0.0	Max non a G
1.00	57.71	284	1			
2.00	115.43	71	0			
3.00	173.14	32	0			
4.00	230.86	18	0			
5.00	288.57	11	0			

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UGR  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	13.5	15.3	13.8	15.5	15.8	13.5	15.3	13.8	15.5	15.8
x=2H y=3H	17.6	19.3	17.9	19.6	19.9	17.7	19.3	18.0	19.6	19.9
x=2H y=4H	19.9	21.5	20.3	21.9	22.2	20.0	21.6	20.4	21.9	22.2
x=2H y=6H	22.5	24.0	22.9	24.4	24.8	22.6	24.1	23.0	24.4	24.8
x=2H y=8H	24.0	25.5	24.4	25.8	26.2	24.1	25.5	24.5	25.9	26.2
x=2H y=12H	25.5	27.0	25.9	27.3	27.7	25.5	27.0	25.9	27.3	27.7
x=4H y=2H	15.0	16.6	15.4	16.9	17.3	15.0	16.6	15.4	16.9	17.3
x=4H y=3H	19.2	20.6	19.6	21.0	21.4	19.2	20.7	19.6	21.0	21.4
x=4H y=4H	21.6	22.9	22.0	23.3	23.7	21.7	23.0	22.1	23.4	23.7
x=4H y=6H	24.3	25.5	24.7	25.9	26.4	24.4	25.6	24.8	26.0	26.4
x=4H y=8H	25.9	27.0	26.3	27.4	27.9	25.9	27.1	26.4	27.5	27.9
x=4H y=12H	27.4	28.5	27.9	28.9	29.4	27.5	28.5	27.9	29.0	29.4
x=8H y=4H	22.7	23.8	23.2	24.3	24.7	22.7	23.9	23.2	24.3	24.7
x=8H y=6H	25.6	26.6	26.1	27.1	27.6	25.7	26.7	26.2	27.1	27.6
x=8H y=8H	27.4	28.3	27.9	28.7	29.2	27.4	28.3	27.9	28.8	29.2
x=8H y=12H	29.1	29.9	29.6	30.4	30.9	29.1	29.9	29.6	30.4	30.9
x=12H y=4H	23.1	24.1	23.5	24.6	25.0	23.1	24.1	23.6	24.6	25.0
x=12H y=6H	26.1	27.0	26.6	27.5	28.0	26.2	27.0	26.6	27.5	28.0
x=12H y=8H	27.9	28.7	28.4	29.2	29.7	28.0	28.8	28.5	29.2	29.7