

## Luminaire

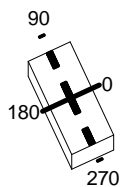
Code 1513010A  
Name COSMIC ANGEL SOSPENSIONE

## Measurem.

Code FTS1601202  
Name COSMIC ANGEL SOSPENSIONE

Luminaire Flux	9478.84 lm	Luminaire Power	800.00 W	Efficacy	11.85 lm/W	Efficiency	52.66%
Lamps Flux	18000.00 lm	Maximum value	144.40 cd/klm	Position	C=105.00 G=128.00	CG	Asymmetrical
Rectangular Luminaire		Length	1780 mm	Width	800 mm	Height	410 mm
Rectangular Luminous Area		Length	1780 mm	Width	800 mm	Height	0 mm
Horizontal Luminous Area	1.424000 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°	0.344497 m2		
Coordinate system	CG	Symmetry Type	Asymmetrical				
Date	10-03-2016	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	18000.00 lm				
RDN160010							
C.I.E.	40 70 91 52 53	D DIN 5040	C21				
F UTE	0.28 G + 0.25 T	B NBN	BZ 5				

1780mm x 800mm



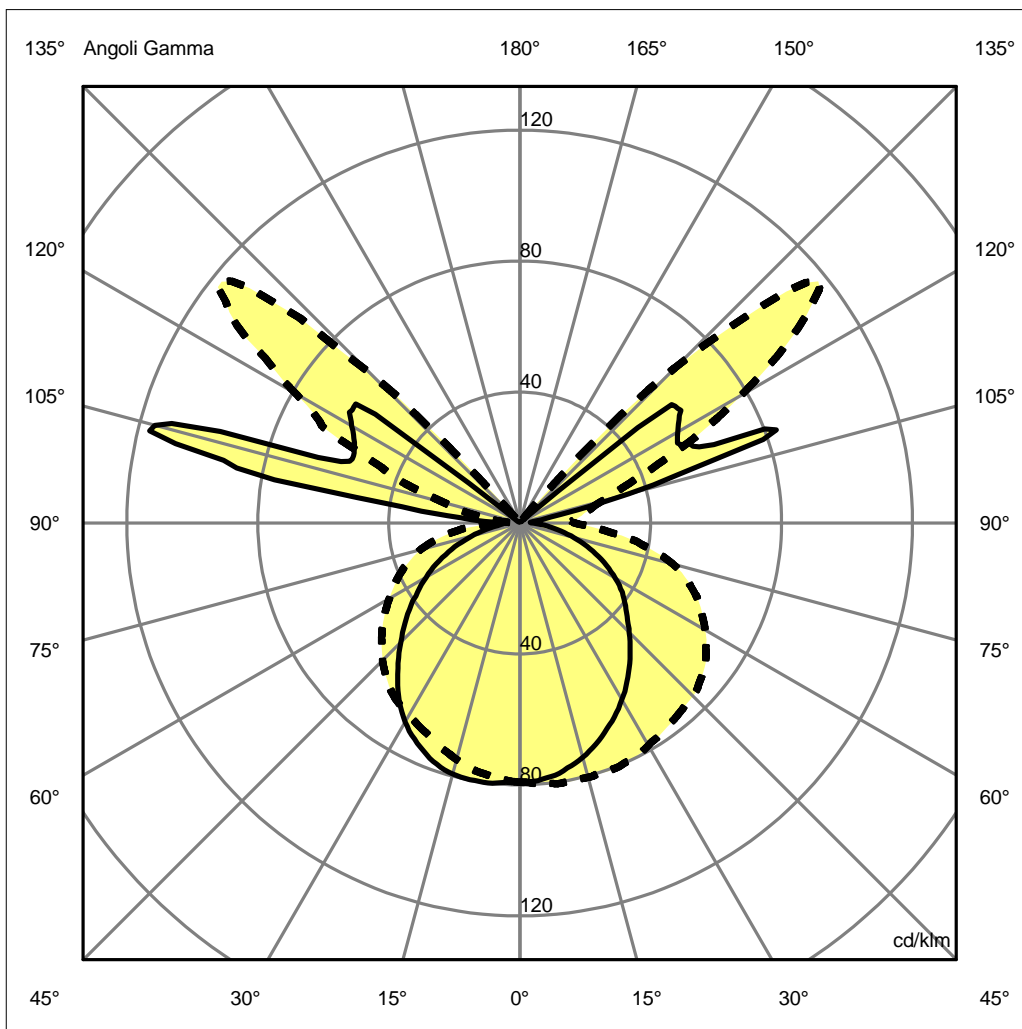
Semipiani C

180.0 ——— 0.0  
270.0 - - - - 90.0

ULOR 25.14 %

DLOR 27.52 %

RN 47.75 %



## Luminaire

Code 1513010A  
Name COSMIC ANGEL SOSPENSIONE

## Measurement

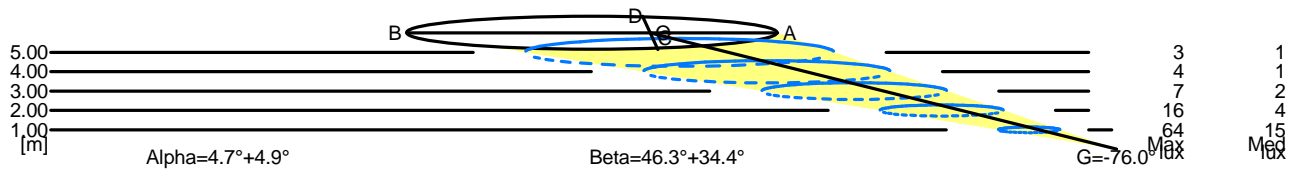
Code FTS1601202  
Name COSMIC ANGEL SOSPENSIONE

Luminaire Flux	9478.84 lm	Luminaire Power	800.00 W	Efficacy	11.85 lm/W	Efficiency	52.66%
Lamps Flux	18000.00 lm	Maximum value	144.40 cd/klm	Position	C=105.00 G=128.00	CG	Asymmetrical
Rectangular Luminaire		Length	1780 mm	Width	800 mm	Height	410 mm
Rectangular Luminous Area		Length	1780 mm	Width	800 mm	Height	0 mm
Horizontal Luminous Area	1.424000 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°	0.344497 m2		
Coordinate system	CG			Symmetry Type	Asymmetrical		
Date	10-03-2016			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	18000.00 lm		
RDN160010							
C.I.E.	40 70 91 52 53			D DIN 5040	C21		
F UTE	0.28 G + 0.25 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	1.10	2.19	3.29	4.38	5.48	OC	4.33	8.65	12.98	17.31	21.64
OB	2.09	4.19	6.28	8.38	10.47	OD	2.83	5.66	8.50	11.33	14.16

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	8.90	8.74	8.52	8.38	8.92	17.13	1082.07	1033.22	618.75	56.99
OB	8.90	8.73	8.36	7.99	8.23	9.48	1114.74	1003.64	2077.34	321.20
OC	8.90	8.92	8.33	8.39	17.88	1205.20	1869.10	984.00	467.68	322.15
OD	8.90	8.74	8.33	8.77	11.27	1172.57	1901.38	1104.23	428.45	96.88



5.00	15.95	3	1	
4.00	12.76	4	1	
3.00	9.57	7	2	
2.00	6.38	16	4	
1.00	3.19	64	15	
H[m]	D[m]	Max lux	Med lux	Alpha=4.7°+4.9° G=-76.0

5.00	35.80	3	1	
4.00	28.64	4	1	
3.00	21.48	7	2	
2.00	14.32	16	4	
1.00	7.16	64	15	
H[m]	D[m]	Max lux	Med lux	Beta=34.4°+46.3° G=0.0

**Luminaire**

Code 1513010A  
Name COSMIC ANGEL SOSPENSIONE

**Measurement**

Code FTS1601202  
Name COSMIC ANGEL SOSPENSIONE

Luminaire Flux	9478.84 lm	Luminaire Power	800.00 W	Efficacy	11.85 lm/W	Efficiency	52.66%
Lamps Flux	18000.00 lm	Maximum value	144.40 cd/klm	Position	C=105.00 G=128.00	CG	Asymmetrical

**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	8.6	9.5	9.4	10.3	12.4	9.5	10.4	10.4	11.3	12.4
x=2H y=3H	10.1	10.8	10.9	11.7	14.7	11.9	12.6	12.7	13.5	14.7
x=2H y=4H	10.7	11.4	11.6	12.3	15.9	13.1	13.8	14.0	14.7	15.9
x=2H y=6H	11.2	11.8	12.1	12.8	17.0	14.2	14.9	15.1	15.8	17.0
x=2H y=8H	11.3	12.0	12.3	12.9	17.5	14.7	15.4	15.7	16.3	17.5
x=2H y=12H	11.5	12.1	12.5	13.1	18.0	15.2	15.8	16.2	16.8	18.0
x=4H y=2H	9.8	10.5	10.7	11.4	12.9	10.1	10.8	11.0	11.7	12.9
x=4H y=3H	11.4	12.0	12.4	13.0	15.3	12.6	13.2	13.5	14.1	15.3
x=4H y=4H	12.1	12.7	13.1	13.6	16.6	13.9	14.4	14.8	15.4	16.6
x=4H y=6H	12.7	13.2	13.7	14.2	17.9	15.2	15.7	16.2	16.6	17.9
x=4H y=8H	13.0	13.4	13.9	14.4	18.5	15.8	16.3	16.8	17.3	18.5
x=4H y=12H	13.2	13.6	14.2	14.5	19.1	16.4	16.8	17.4	17.8	19.1
x=8H y=4H	13.0	13.5	14.0	14.4	16.8	14.2	14.6	15.2	15.6	16.8
x=8H y=6H	13.8	14.2	14.8	15.2	18.3	15.7	16.0	16.7	17.0	18.3
x=8H y=8H	14.2	14.5	15.2	15.5	19.1	16.4	16.7	17.4	17.8	19.1
x=8H y=12H	14.5	14.7	15.5	15.8	19.8	17.2	17.5	18.2	18.5	19.8
x=12H y=4H	13.2	13.6	14.2	14.6	16.8	14.2	14.6	15.2	15.6	16.8
x=12H y=6H	14.2	14.5	15.2	15.5	18.4	15.8	16.1	16.8	17.1	18.4
x=12H y=8H	14.6	14.9	15.6	15.9	19.2	16.6	16.9	17.6	17.9	19.2