

Luminaire

Code 2158C10AHE
Name AOL SYSTEM S MODULO X 3500K HE

Measurement

Code FTS2400074
Name AOL SYSTEM S MODULO X 3500K HE

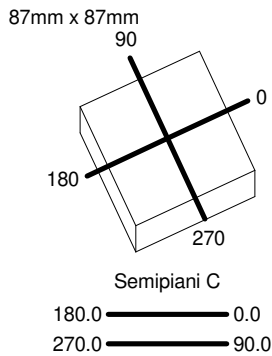
Luminaire Flux	253 lm	Luminaire Power	3.0 W	Efficacy	84.333 lm/W	Efficiency	100.00%
Source Flux	253 lm	Maximum value	275.28 cd/klm	Position	C=5.00 G=3.00	CG	Double Symmetrical
Rectangular Luminaire		Length	87 mm	Width	87 mm	Height	50 mm
Rectangular Luminous Area		Length	87 mm	Width	87 mm	Height	50 mm
Horizontal Luminous Area		0.007569 m ²		Emitting area on Plane 180°		0.004350 m ²	
Emitting area on Plane 0°		0.004350 m ²		Emitting area on Plane 270°		0.004350 m ²	
Emitting area on Plane 90°		0.004350 m ²		Glare area at 76°		0.006052 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		253 lm	

LED Flux=355lm LED Power=3W Eff=71% EfcLed=118lm/W EfcLum=84lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(10k)=60000h

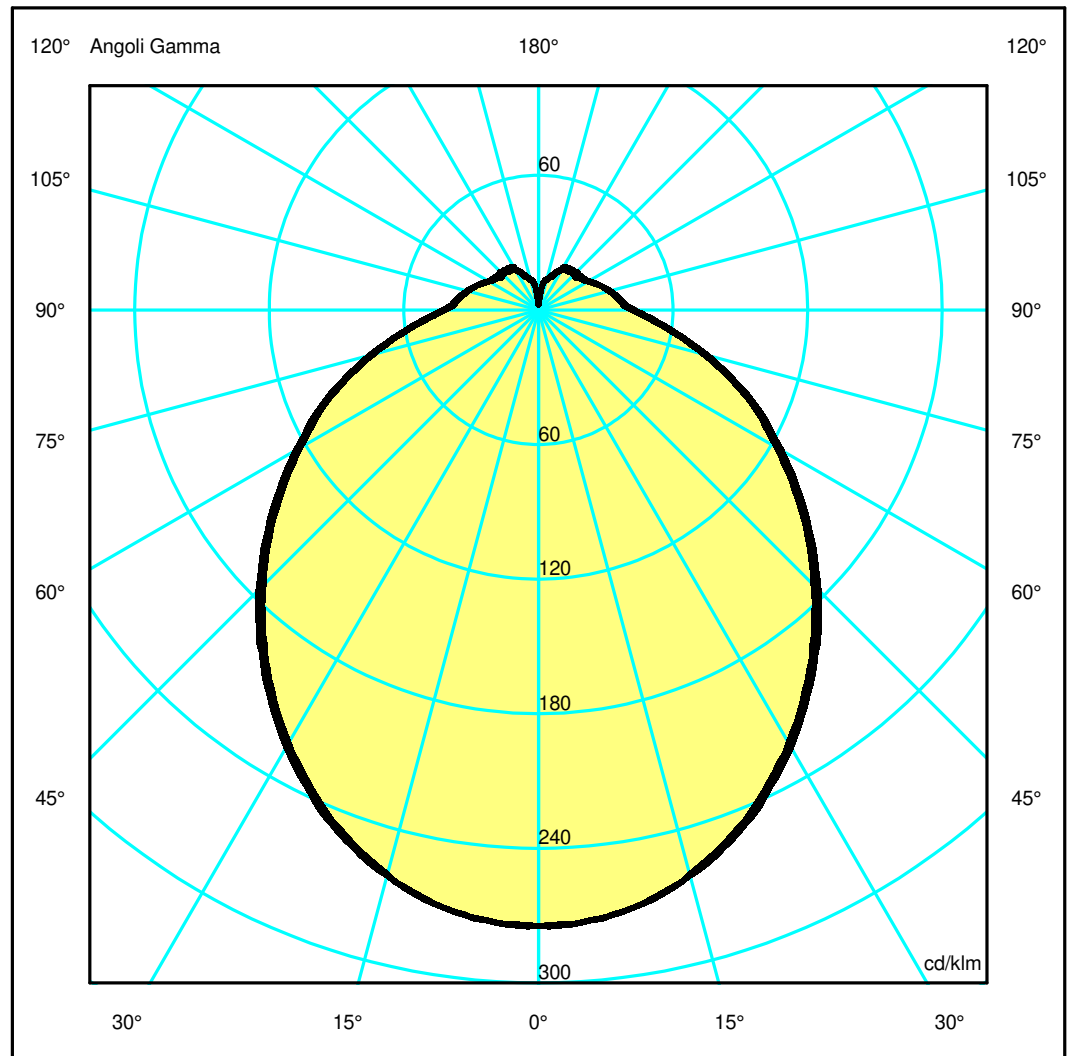
C.I.E. 43 72 90 84 100
F UTE 0.84 G + 0.16 T

D DIN 5040
B NBN

B31
BZ 5



ULOR 16.20 %
DLOR 83.80 %
RN 16.20 %



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Measurment

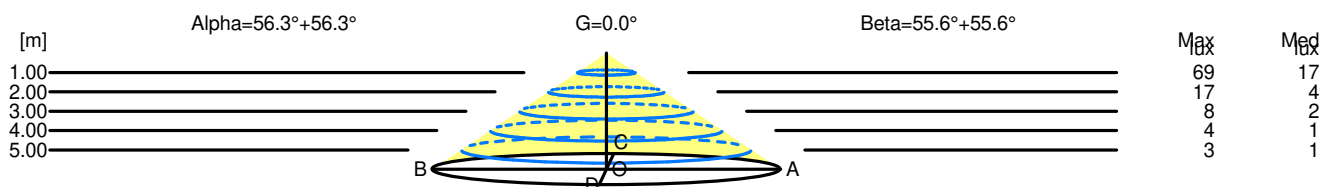
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Name AOL SYSTEM S MODULO X 3500K HE

Luminaire Flux	253 lm	Luminaire Power	3.0 W	Efficacy	84.333 lm/W	Efficiency	100.00%
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Rectangular Luminous Area		Length	87 mm	Width	87 mm	Height	50 mm
Horizontal Luminous Area		0.007569 m2		Emitting area on Plane 180°		0.004350 m2	
Emitting area on Plane 0°		0.004350 m2		Emitting area on Plane 270°		0.004350 m2	
Emitting area on Plane 90°		0.004350 m2		Glare area at 76°		0.006052 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		253 lm	
LED Flux=355lm LED Power=3W Eff=71% EfcLed=118lm/W EfcLum=84lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(10k)=60000h							
C.I.E.	43 72 90 84 100			D DIN 5040	B31		
F UTE	0.84 G + 0.16 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	1.50	3.00	4.49	5.99	7.49	OC	1.46	2.92	4.38	5.85	7.31
OB	1.50	3.00	4.49	5.99	7.49	OD	1.46	2.92	4.38	5.85	7.31

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	69.46	69.04	66.04	60.45	52.93	44.67	35.81	27.75	19.74	13.16
OB	69.46	69.04	66.04	60.45	52.93	44.67	35.81	27.75	19.74	13.16
OC	69.46	69.08	65.89	60.03	52.35	43.84	35.23	27.30	19.32	12.78
OD	69.46	69.08	65.89	60.03	52.35	43.84	35.23	27.30	19.32	12.78



H[m]	D[m]	Max lux	Med lux	Alpha=56.3°+56.3°	G=0.0
1.00	3.00	69	17		
2.00	5.99	17	4		
3.00	8.99	8	2		
4.00	11.98	4	1		
5.00	14.98	3	1		

H[m]	D[m]	Max lux	Med lux	Beta=55.6°+55.6°	G=0.0
1.00	2.92	69	17		
2.00	5.85	17	4		
3.00	8.77	8	2		
4.00	11.69	4	1		
5.00	14.61	3	1		