

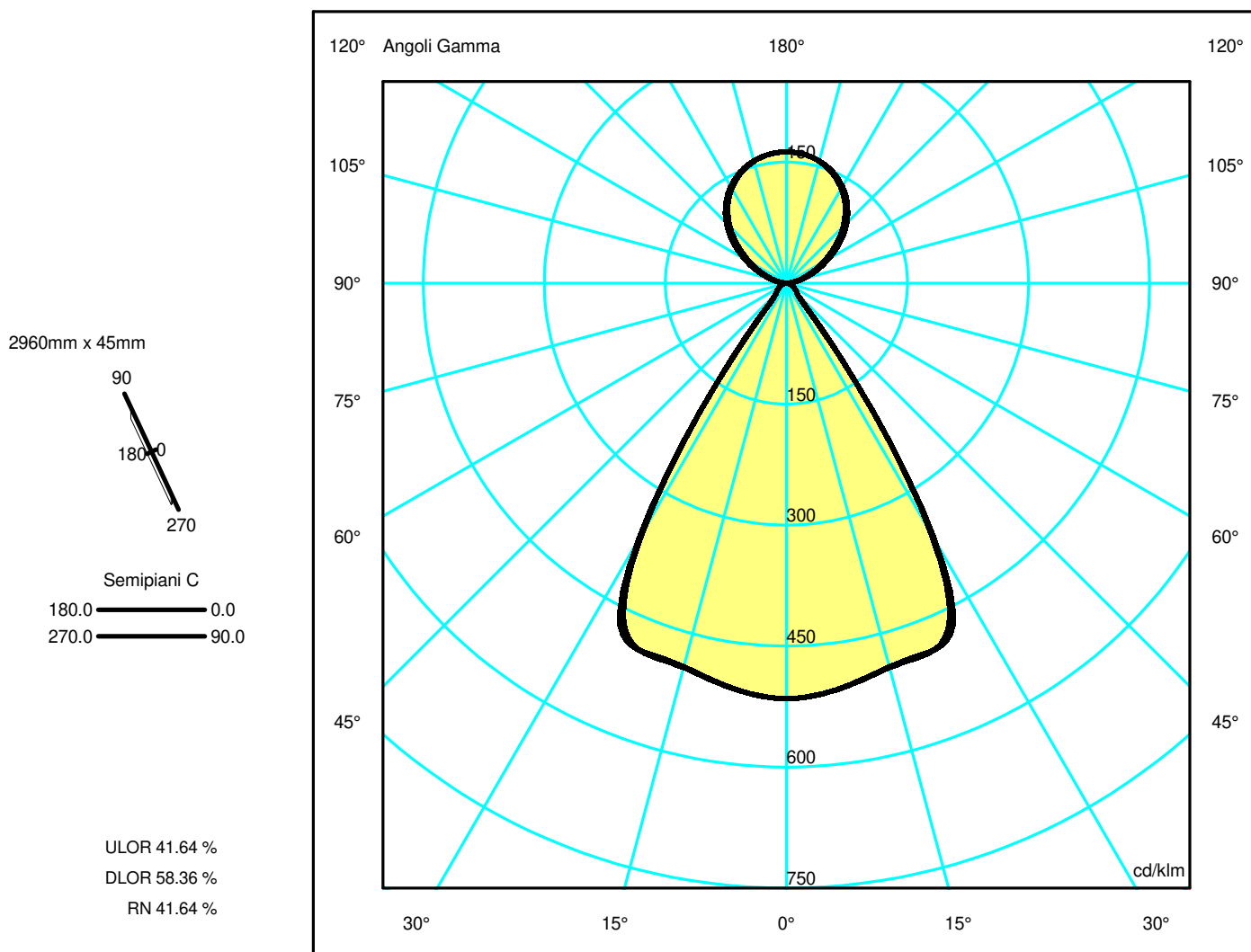
Luminaire

Code CM511101
Name A.39 MICRO REFR.2960 DI/IN 940 DAL BC/BC

Measurement

Code FTS2400105
Name A.39 MICRO REFR.2960 DI/IN 940 DAL BC/BC

Luminaire Flux	13513 lm	Luminaire Power	86.0 W	Efficacy	157.128 lm/W	Efficiency	100.00%
Source Flux	13513 lm	Maximum value	514.94 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire	Length	2960 mm	Width	45 mm	Height	85 mm	
Rectangular Luminous Area	Length	2720 mm	Width	34 mm	Height	0 mm	
Horizontal Luminous Area	0.092480 m ²	Emitting area on Plane 180°	0.000000 m ²	Emitting area on Plane 270°	0.000000 m ²	Emitting area on Plane 90°	0.022373 m ²
Coordinate system	CG	Symmetry Type	Double Symmetrical	Date	25-03-2024	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	13513 lm	LED Flux=14919lm LED Power=79W Eff=91% EfcLed=189lm/W EfcLum=157lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h			
C.I.E.	93 97 99 58 100	D DIN 5040	C61				
F UTE	0.58 A + 0.42 T	B NBN	BZ 1				



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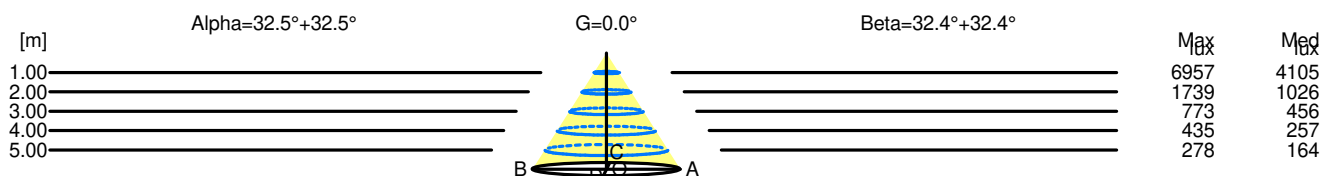
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Rectangular Luminaire		Length	2960 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	2720 mm	Width	34 mm	Height	0 mm
Horizontal Luminous Area		0.092480 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.022373 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		25-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		13513 lm	
LED Flux=14919lm LED Power=79W Eff=91% EfcLed=189lm/W EfcLum=157lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 58 100			D DIN 5040	C61		
F UTE	0.58 A + 0.42 T			B NBN	BZ 1		

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	0.64	1.27	1.91	2.55	3.18	OC	0.64	1.27	1.91	2.54	3.18
OB	0.64	1.27	1.91	2.55	3.18	OD	0.64	1.27	1.91	2.54	3.18

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6956.46	6905.59	6653.31	6489.43	1998.40	255.17	172.52	123.90	79.31	23.81
OB	6956.46	6905.59	6653.31	6489.43	1998.40	255.17	172.52	123.90	79.31	23.81
OC	6956.46	6906.39	6663.38	6398.98	2027.79	260.04	175.80	125.29	78.68	24.86
OD	6956.46	6906.39	6663.38	6398.98	2027.79	260.04	175.80	125.29	78.68	24.86



H[m]	D[m]	Max lux	Med lux	Alpha=32.5°+32.5°	G=0.0
1.00	1.27	6957	4105		
2.00	2.55	1739	1026		
3.00	3.82	773	456		
4.00	5.09	435	257		
5.00	6.37	278	164		

H[m]	D[m]	Max lux	Med lux	Beta=32.4°+32.4°	G=0.0
1.00	1.27	6957	4105		
2.00	2.54	1739	1026		
3.00	3.81	773	456		
4.00	5.09	435	257		
5.00	6.36	278	164		