

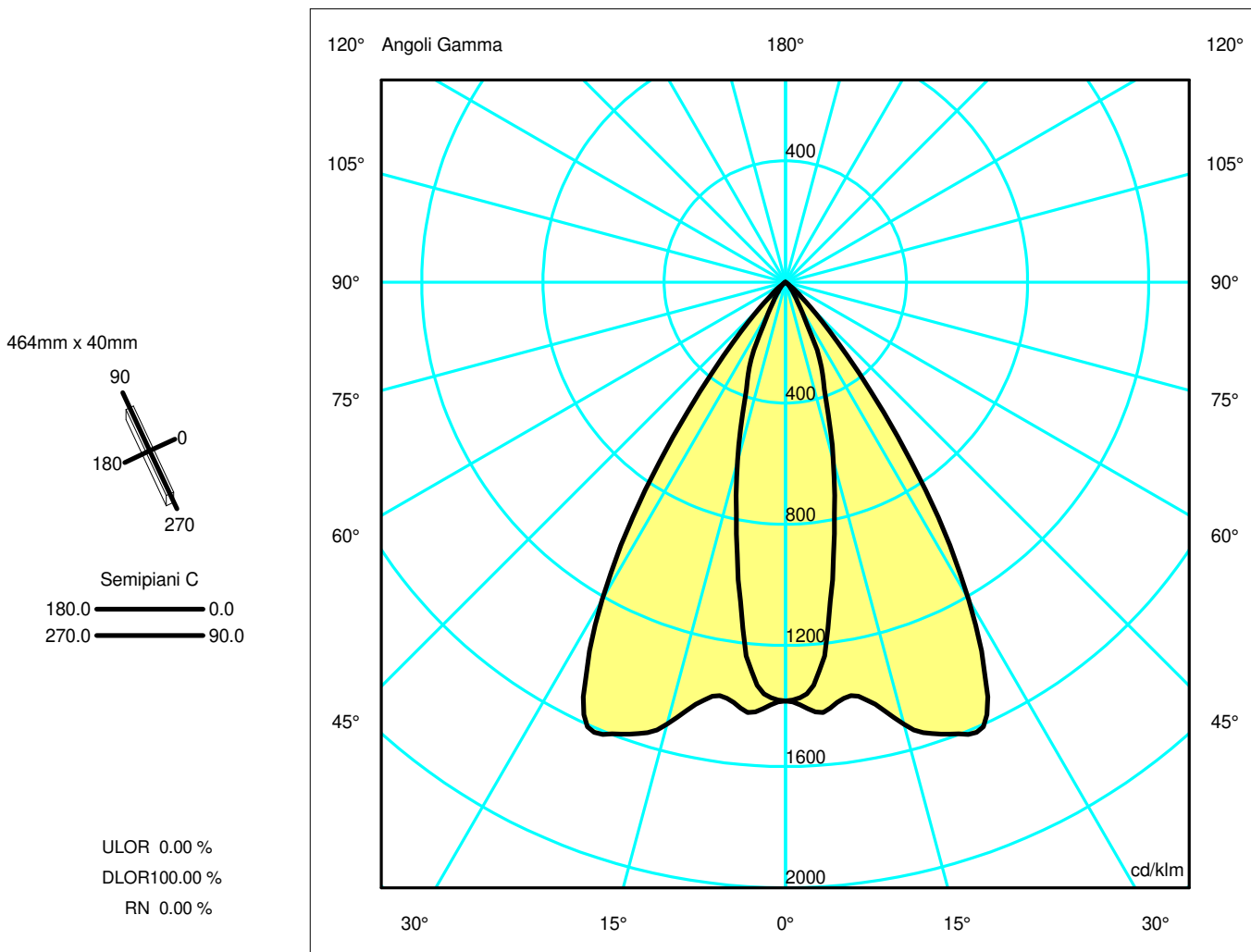
## Luminaire

Code AF81004+AF95204+AF0600  
 Name SHARP SMD.12X 33W 930 FL ND NRO+ SCREEN 4X BLACK + GRAZER LENS

## Measurem.

Code FTS1901484  
 Name SHARP SMD.12X 33W 930 FL ND NRO+ SCREEN 4X BLACK + GRAZER LENS

Luminaire Flux	1991.88 lm	Luminaire Power	37.00 W	Efficacy	53.83 lm/W	Efficiency	100.00%
Lamps Flux	1991.88 lm	Maximum value	1615.43 cd/klm	Position	C=90.00 G=23.00	CG	Double Symmetrical
Rectangular Luminaire		Length	464 mm	Width	40 mm	Height	55 mm
Rectangular Luminous Area		Length	444 mm	Width	37 mm	Height	0 mm
Horizontal Luminous Area		0.016428 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°		0.003974 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		19-07-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1991.88 lm	
LED Flux=3183.96lm LED Power=33W Eff=63% EfcLed=96lm/W EfcLum=54lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h							
C.I.E.	95	100	100	100	D DIN 5040	A60	
F UTE	1.00	A			B NBN	BZ 1	



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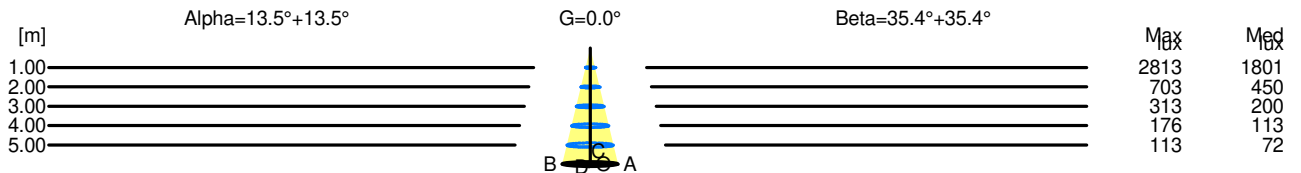
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C.I.E.	95 100 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

### 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	0.24	0.48	0.72	0.96	1.20	OC	0.71	1.42	2.13	2.84	3.55
OB	0.24	0.48	0.72	0.96	1.20	OD	0.71	1.42	2.13	2.84	3.55

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	2754.89	2566.04	1215.06	492.76	102.38	32.70	3.93	0.32	0.00	0.00
OB	2754.89	2566.04	1215.06	492.76	102.38	32.70	3.93	0.32	0.00	0.00
OC	2754.89	2840.77	3008.88	3137.57	1442.54	233.41	11.43	0.41	0.00	0.00
OD	2754.89	2840.77	3008.88	3137.57	1442.54	233.41	11.43	0.41	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=13.5°+13.5°	G=0.0
1.00	0.48	2813	1801		
2.00	0.96	703	450		
3.00	1.44	313	200		
4.00	1.93	176	113		
5.00	2.41	113	72		

H[m]	D[m]	Max lux	Med lux	Beta=35.4°+35.4°	G=0.0
1.00	1.42	2813	1801		
2.00	2.84	703	450		
3.00	4.26	313	200		
4.00	5.68	176	113		
5.00	7.09	113	72		