Luminaire
Code AF81801
Name SHARP SMD.12X 33W 940 WW ND BCO/BCO
Measurem.
Code FTS1903531
Name SHARP SMD.12X 33W 940 WW ND BCO/BCO

Luminaire Flux	2271.06 lm	Luminaire Power	37.00 W	Efficacy	61.38 lm/W	Efficiency	100.00%
Lamps Flux	2271.06 lm	Maximum value	1037.05 cd/klm	Position	C=170.00 G=9.00	CG	Sym. on planes 0-180

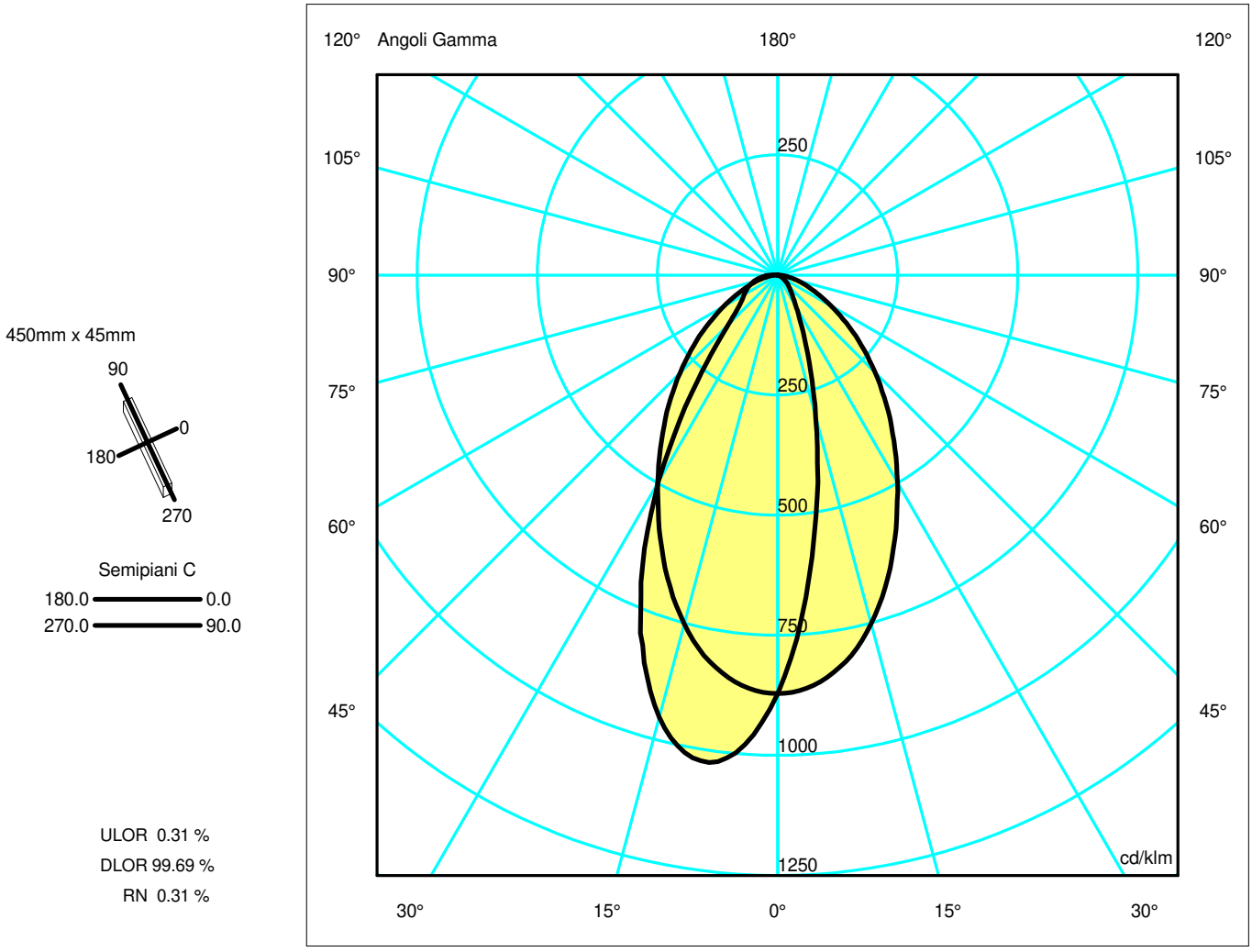
Rectangular Luminaire	Length	450 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area	Length	440 mm	Width	32 mm	Height	0 mm

Horizontal Luminous Area	0.014080 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°	0.003406 m2

Coordinate system	CG	Symmetry Type	Sym. on planes 0-180
Date	23-10-2019	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	2271.06 lm

LED Flux=3509.1lm LED Power=33W Eff=65% EfcLed=106lm/W EfcLum=61lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=118000h

C.I.E.	70 90 97 100 100	D DIN 5040	A50
F UTE	1.00 C	B NBN	BZ 2



450mm x 45mm

Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.31 %
DLOR 99.69 %
RN 0.31 %

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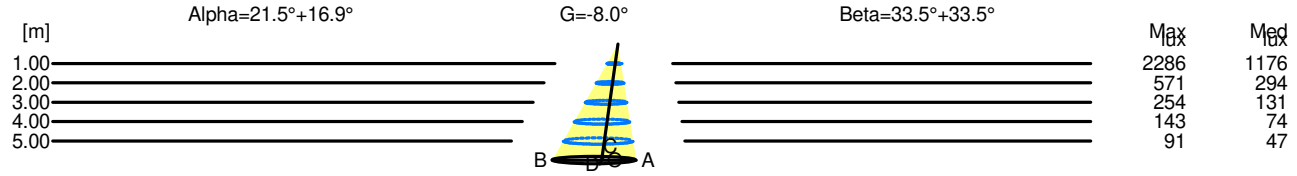
Width at 50.00 % of Max Intensity

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	0.30	0.59	0.89	1.19	1.49	OC	0.67	1.34	2.00	2.67	3.34
OB	0.42	0.85	1.27	1.70	2.12	OD	0.67	1.34	2.00	2.67	3.34

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1978.37	1528.50	694.45	270.89	125.31	73.51	39.19	17.80	3.09	1.70
OB	1978.37	2267.12	2163.46	1510.38	763.02	327.54	205.14	161.30	116.85	64.17
OC	1978.37	1947.00	1706.17	1325.65	958.07	651.77	396.55	207.99	90.81	20.53
OD	1978.37	1947.00	1706.17	1325.65	958.07	651.77	396.55	207.99	90.81	20.53



H[m]	D[m]	Max lux	Med lux	Alpha=21.5°+16.9° G=-8.0
1.00	0.72	2286	1176	
2.00	1.44	571	294	
3.00	2.17	254	131	
4.00	2.89	143	74	
5.00	3.61	91	47	

H[m]	D[m]	Max lux	Med lux	Beta=33.5°+33.5° G=0.0
1.00	1.34	2286	1176	
2.00	2.67	571	294	
3.00	4.01	254	131	
4.00	5.35	143	74	
5.00	6.68	91	47	