

Luminaire

Code AF81854
Name SHARP SMD.12X 33W 940 WW ND BCO/NRO

Measurem.

Code FTS1903535
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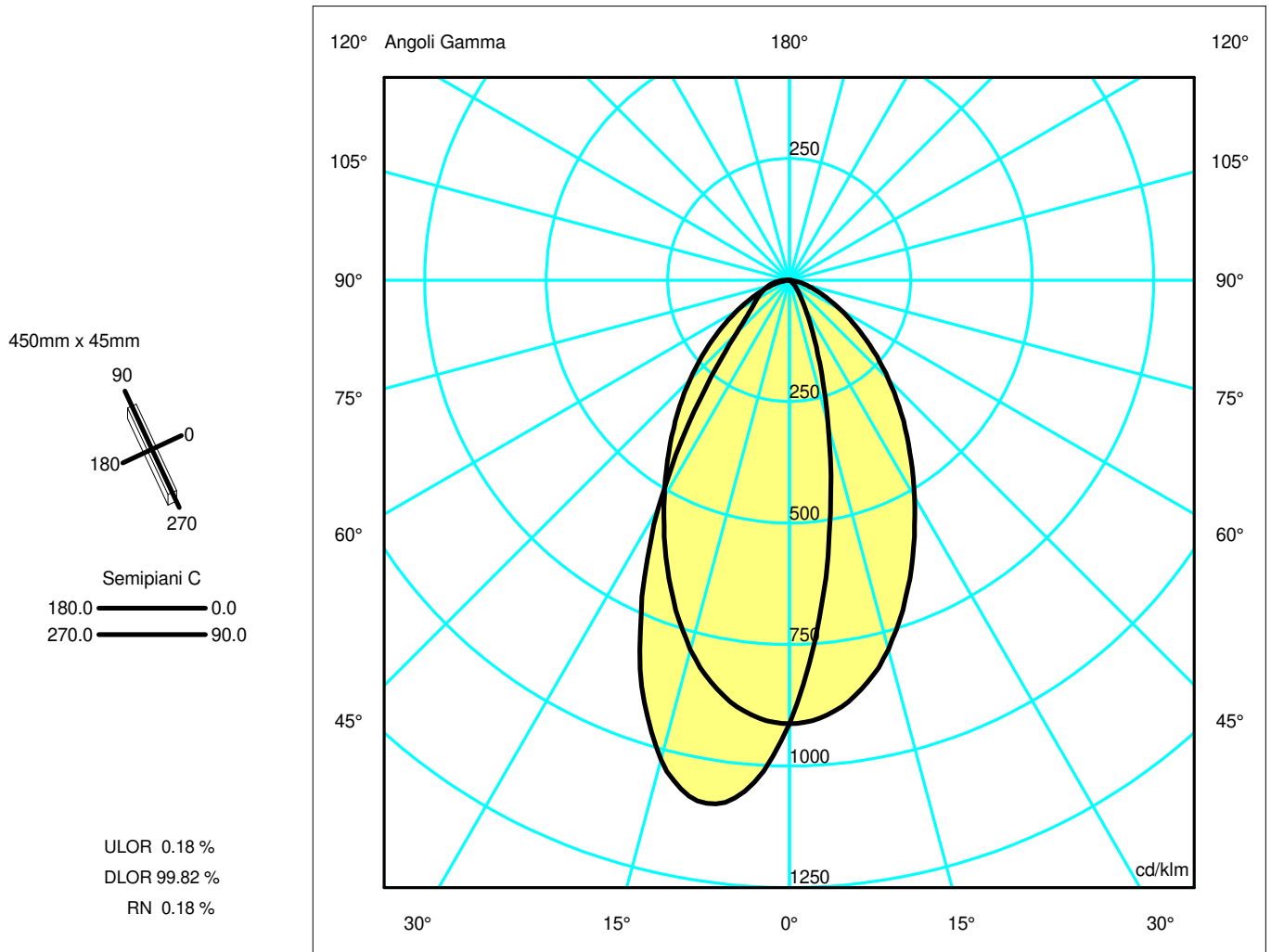
Luminaire Flux	2107.56 lm	Luminaire Power	37.00 W	Efficacy	56.96 lm/W	Efficiency	100.00%
Lamps Flux	2107.56 lm	Maximum value	1103.17 cd/klm	Position	C=175.00 G=9.00	CG	Sym. on planes 0-180
Rectangular Luminaire		Length	450 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	440 mm	Width	32 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		29-10-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2107.56 lm	

LED Flux=3509.1lm LED Power=33W Eff=60% EfcLed=106lm/W EfcLum=57lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=118000h

C.I.E. 73 92 98 100 100
F UTE 1.00 B

D DIN 5040
B NBN

A60
BZ 1 / 1 / BZ 2



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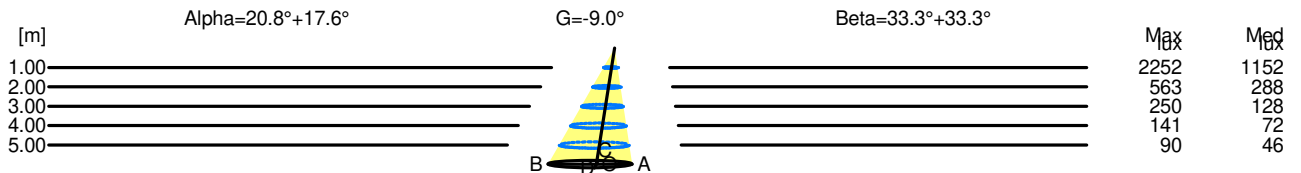
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F UTE	1.00 B	B NBN	BZ 1 / 1 / BZ 2

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	0.31	0.62	0.93	1.24	1.55	OC	0.67	1.33	2.00	2.66	3.33
OB	0.41	0.83	1.24	1.66	2.07	OD	0.67	1.33	2.00	2.66	3.33

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1924.04	1476.33	647.35	223.72	79.59	32.69	6.56	2.06	1.92	1.38
OB	1924.04	2225.58	2150.87	1514.32	761.76	321.13	190.13	137.43	92.97	44.91
OC	1924.04	1892.13	1658.82	1274.63	911.07	607.31	357.16	175.10	65.63	6.07
OD	1924.04	1892.13	1658.82	1274.63	911.07	607.31	357.16	175.10	65.63	6.07



H[m]	D[m]	Max lux	Med lux	Alpha=20.8°+17.6°	G=-9.0
1.00	0.72	2252	1152		
2.00	1.45	563	288		
3.00	2.17	250	128		
4.00	2.90	141	72		
5.00	3.62	90	46		

H[m]	D[m]	Max lux	Med lux	Beta=33.3°+33.3°	G=0.0
1.00	1.33	2252	1152		
2.00	2.66	563	288		
3.00	3.99	250	128		
4.00	5.32	141	72		
5.00	6.65	90	46		