

Luminaire

Code AF82901
Name SHARP SMD.12X 33W 927 WW DIM BCO/BCO

Measurement

Code FTS1903515-A
Name SHARP SMD.12X 33W 927 WW DIM BCO/BCO

Luminaire Flux	2018 lm	Luminaire Power	37.0 W	Efficacy	54.538 lm/W	Efficiency	100.00%
Source Flux	2018 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 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.003406 m ²	
Coordinate system		CG		Symmetry Type		Sym. on planes 0-180	
Date		11-11-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2018 lm	

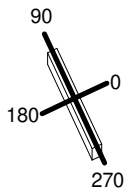
LED Flux=3118lm LED Power=33W Eff=65% EfcLed=94lm/W EfcLum=55lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

C.I.E. 70 90 97 100 100
F UTE 1.00 C

D DIN 5040
B NBN

A50
BZ 2

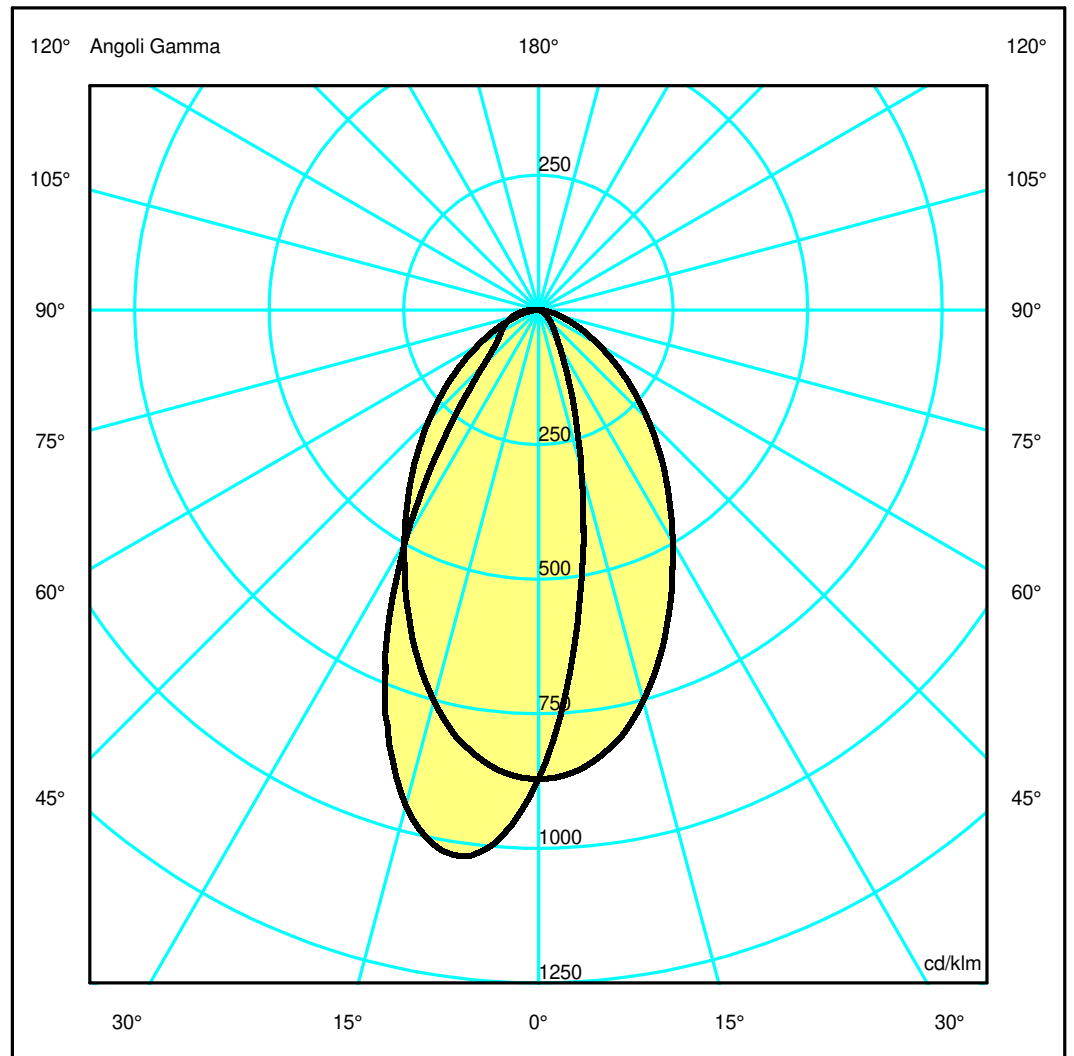
450mm x 45mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.31 %
DLOR 99.69 %
RN 0.31 %



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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.003406 m2	
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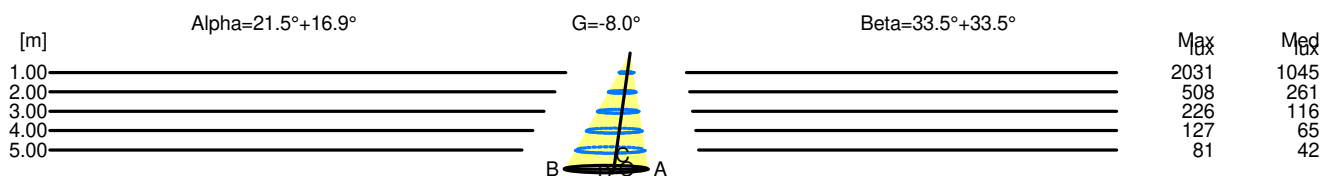
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C.I.E.	70 90 97 100 100	D DIN 5040	A50
F UTE	1.00 C	B NBN	BZ 2

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	0.30	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	1757.84	1358.12	617.04	240.70	111.34	65.32	34.82	15.81	2.75	1.51
OB	1757.84	2014.40	1922.30	1342.02	677.97	291.03	182.28	143.32	103.83	57.02
OC	1757.84	1729.96	1515.98	1177.88	851.27	579.12	352.34	184.80	80.69	18.24
OD	1757.84	1729.96	1515.98	1177.88	851.27	579.12	352.34	184.80	80.69	18.24



H[m]	D[m]	Max lux	Med lux	Alpha=21.5°+16.9°	G=-8.0
1.00	0.72	2031	1045		
2.00	1.44	508	261		
3.00	2.17	226	116		
4.00	2.89	127	65		
5.00	3.61	81	42		

H[m]	D[m]	Max lux	Med lux	Beta=33.5°+33.5°	G=0.0
1.00	1.34	2031	1045		
2.00	2.67	508	261		
3.00	4.01	226	116		
4.00	5.35	127	65		
5.00	6.68	81	42		