

Luminaire

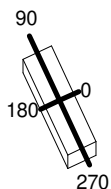
Code AF41901
Name SHARP SMD.4X 12W 927 WW BCO/BCO

Measurement

Code FTS1903479-A
Name SHARP SMD.4X 12W 927 WW BCO/BCO

Luminaire Flux	673 lm	Luminaire Power	12.0 W	Efficacy	56.052 lm/W	Efficiency	100.00%
Source Flux	673 lm	Maximum value	1037.05 cd/klm	Position	C=170.00 G=9.00	CG	Sym. on planes 0-180
Rectangular Luminaire		Length	152 mm	Width	45 mm	Height	90 mm
Rectangular Luminous Area		Length	148 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area		0.004736 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°		0.001146 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		673 lm	
LED Flux=1039lm LED Power=11W Eff=65% EfcLed=94lm/W EfcLum=56lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h							
C.I.E.	70 90 97 100 100			D DIN 5040	A50		
F UTE	1.00 C			B NBN	BZ 2		

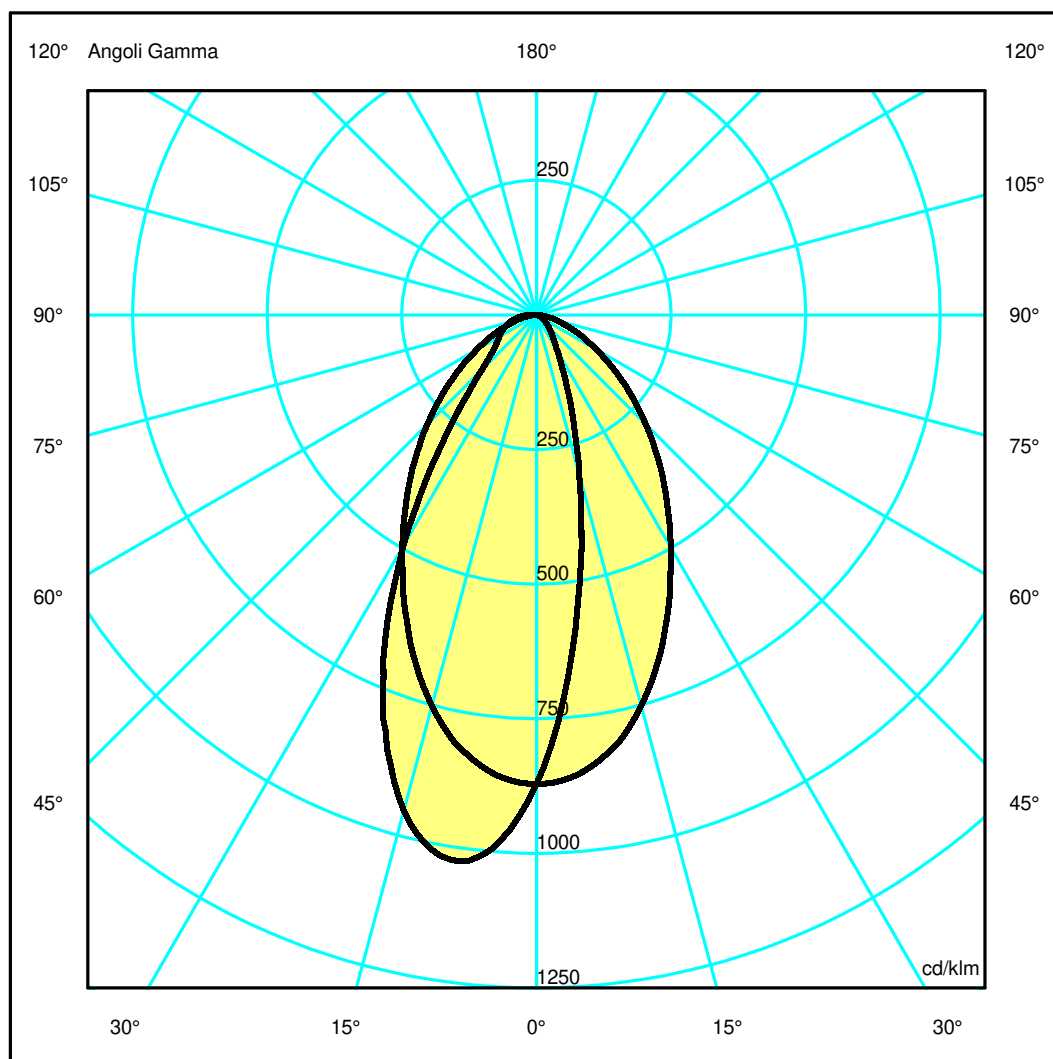
152mm x 45mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.31 %
DLOR 99.69 %
RN 0.31 %



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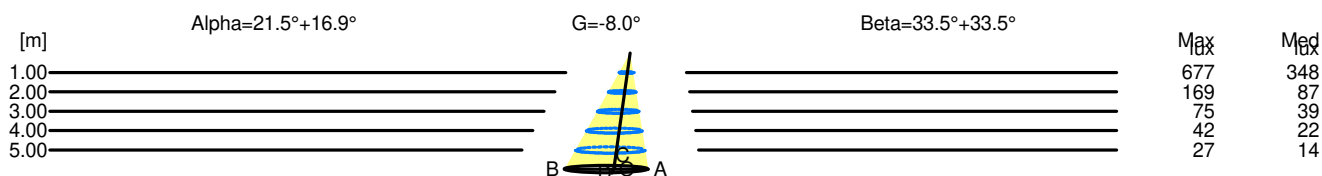
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C.I.E.	70 90 97 100 100			D DIN 5040	A50		
F UTE	1.00 C			B NBN	BZ 2		

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	585.94	452.70	205.68	80.23	37.11	21.77	11.61	5.27	0.92	0.50
OB	585.94	671.46	640.76	447.34	225.99	97.01	60.76	47.77	34.61	19.01
OC	585.94	576.65	505.32	392.62	283.76	193.04	117.45	61.60	26.90	6.08
OD	585.94	576.65	505.32	392.62	283.76	193.04	117.45	61.60	26.90	6.08



H[m]	D[m]	Max lux	Med lux	Alpha=21.5°+16.9°	G=-8.0
1.00	0.72	677	348		
2.00	1.44	169	87		
3.00	2.17	75	39		
4.00	2.89	42	22		
5.00	3.61	27	14		

H[m]	D[m]	Max lux	Med lux	Beta=33.5°+33.5°	G=0.0
1.00	1.34	677	348		
2.00	2.67	169	87		
3.00	4.01	75	39		
4.00	5.35	42	22		
5.00	6.68	27	14		