

Luminaire

Code AF42001
Name SHARP SMD.4X 12W 930 WW BCO/BCO

Measurem.

Code FTS1903483
Name SHARP SMD.4X 12W 930 WW BCO/BCO

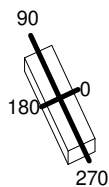
Luminaire Flux	707.38 lm	Luminaire Power	12.00 W	Efficacy	58.95 lm/W	Efficiency	100.00%
Lamps Flux	707.38 lm	Maximum value	1037.05 cd/klm	Position	C=170.00 G=9.00	CG	Sym. on planes 0-180
Rectangular Luminaire		Length	155 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	145 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area	0.004640 m2	Emitting area on Plane 180°		Emitting area on Plane 270°		Emitting area on Plane 90°	
Emitting area on Plane 0°	0.000000 m2	Glare area at 76°					
Emitting area on Plane 90°	0.000000 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		707.38 lm			

LED Flux=1093lm LED Power=12W Eff=65% EfcLed=91lm/W EfcLum=59lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=118000h

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

D DIN 5040 A50
B NBN BZ 2

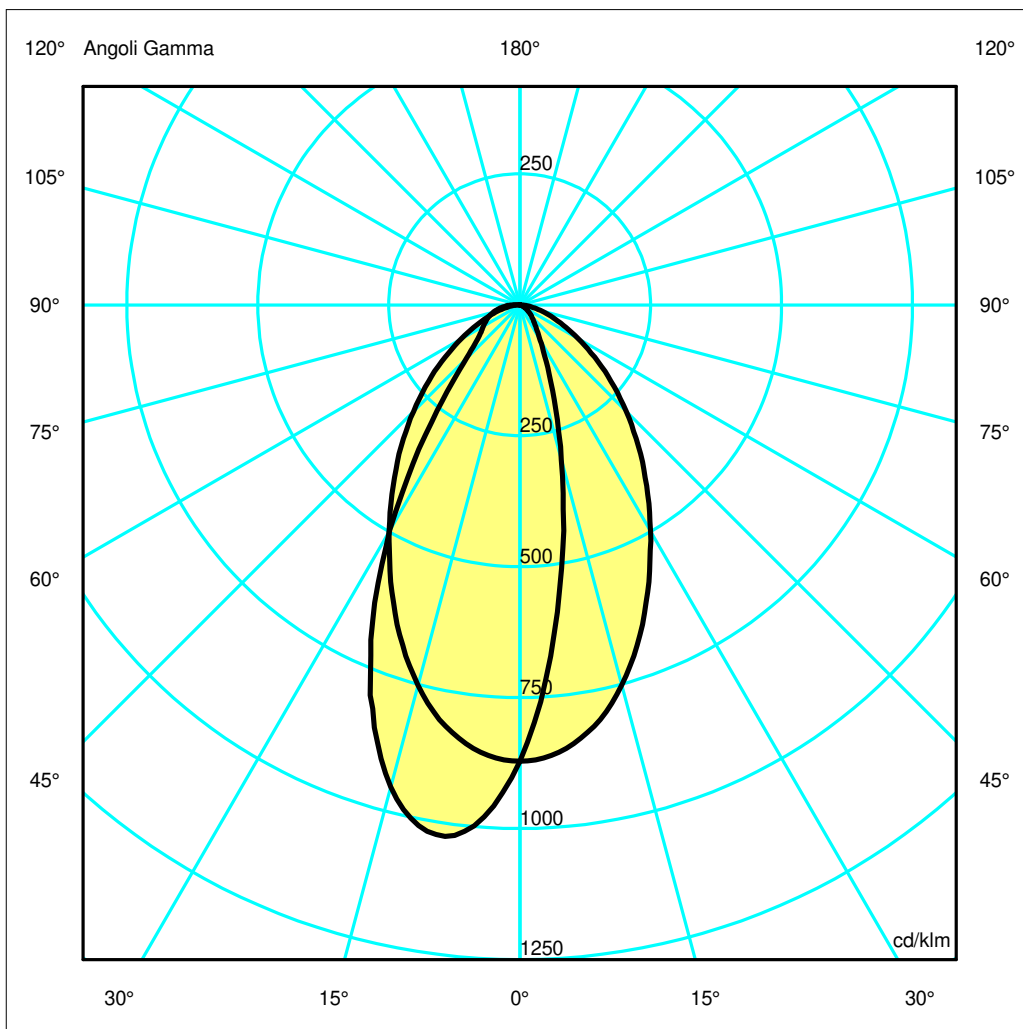
155mm x 45mm



Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 0.31 %
DLOR 99.69 %
RN 0.31 %



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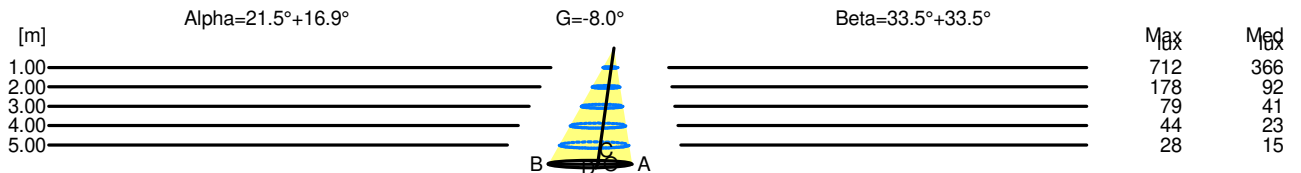
Luminaire Flux	707.38 lm	Luminaire Power	12.00 W	Efficacy	58.95 lm/W	Efficiency	100.00%
Lamps Flux	707.38 lm	Maximum value	1037.05 cd/klm	Position	C=170.00 G=9.00	CG Sym. on planes 0-180	
Rectangular Luminaire		Length	155 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	145 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area	0.004640 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°				0.001123 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				707.38 lm	
LED Flux=1093lm LED Power=12W Eff=65% EfcLed=91lm/W EfcLum=59lm/W CCT=3000K 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			

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	616.22	476.09	216.30	84.38	39.03	22.90	12.21	5.54	0.96	0.53
OB	616.22	706.15	673.87	470.45	237.66	102.02	63.90	50.24	36.40	19.99
OC	616.22	606.44	531.43	412.91	298.42	203.01	123.52	64.78	28.29	6.39
OD	616.22	606.44	531.43	412.91	298.42	203.01	123.52	64.78	28.29	6.39



H[m]	D[m]	Max lux	Med lux	Alpha=21.5°+16.9°	G=-8.0
1.00	0.72	712	366		
2.00	1.44	178	92		
3.00	2.17	79	41		
4.00	2.89	44	23		
5.00	3.61	28	15		

H[m]	D[m]	Max lux	Med lux	Beta=33.5°+33.5°	G=0.0
1.00	1.34	712	366		
2.00	2.67	178	92		
3.00	4.01	79	41		
4.00	5.35	44	23		
5.00	6.68	28	15		