

Luminaire

Code AF42104
Name SHARP SMD.4X 12W 940 WW NRO/NRO

Measurem.

Code FTS1903488
Name SHARP SMD.4X 12W 940 WW NRO/NRO

Luminaire Flux	702.52 lm	Luminaire Power	12.00 W	Efficacy	58.54 lm/W	Efficiency	100.00%
Lamps Flux	702.52 lm	Maximum value	1103.17 cd/klm	Position	C=175.00 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	29-10-2019			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	702.52 lm		

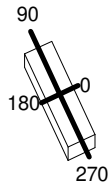
LED Flux=1169.7lm LED Power=12W Eff=60% EfcLed=97lm/W EfcLum=59lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=118000h

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

D DIN 5040
B NBN

A60
BZ 1 / 1 / BZ 2

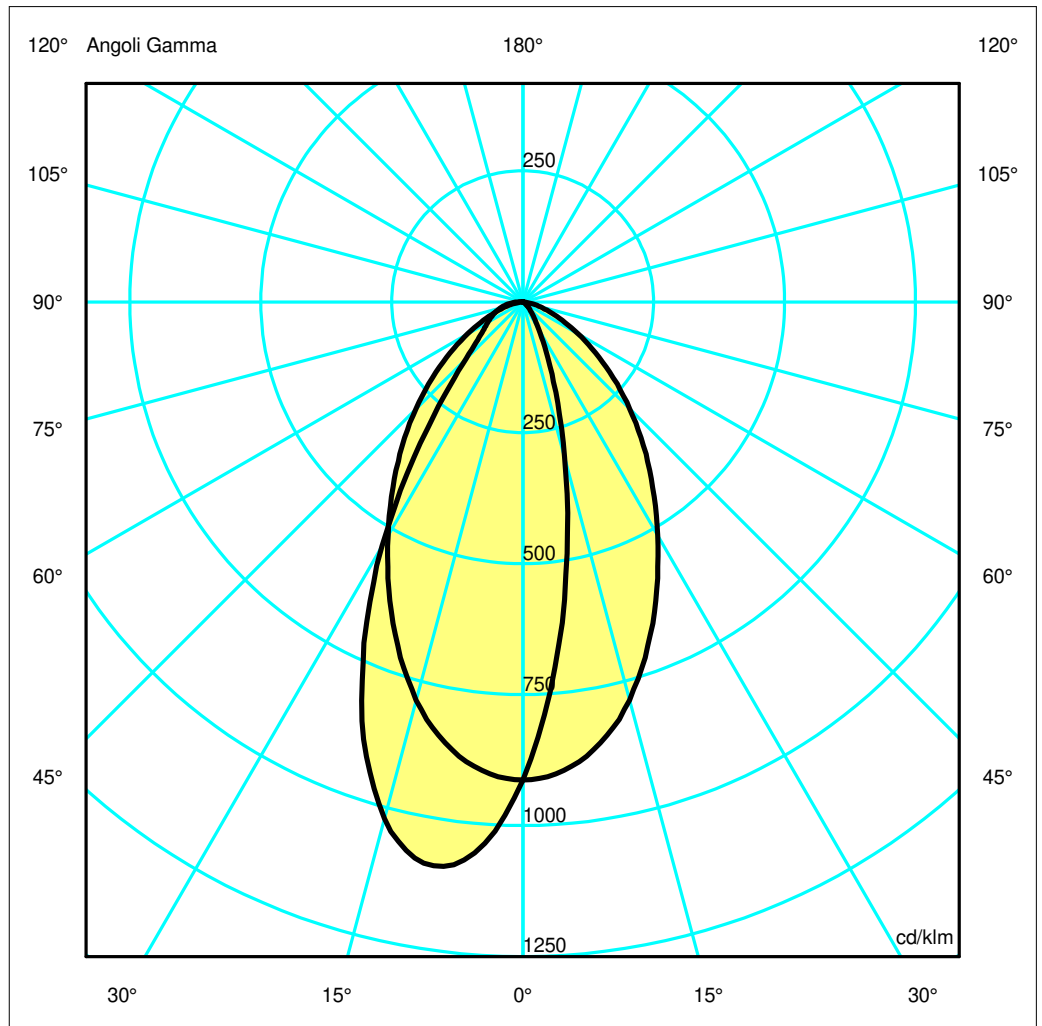
155mm x 45mm



Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 0.18 %
DLOR 99.82 %
RN 0.18 %



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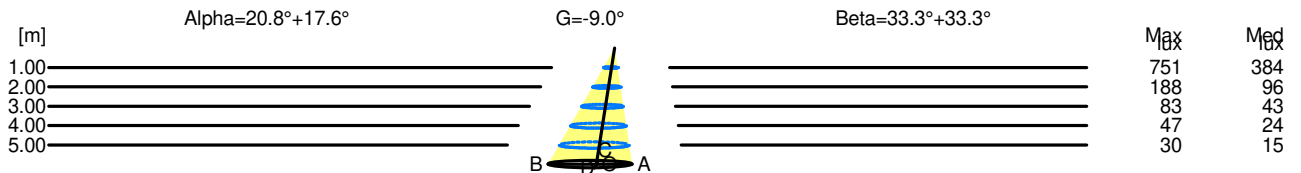
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C.I.E.	73 92 98 100 100	D DIN 5040	A60
F UTE	1.00 B	B NBN	BZ 1 / 1 / BZ 2

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	641.35	492.11	215.78	74.57	26.53	10.90	2.19	0.69	0.64	0.46
OB	641.35	741.86	716.96	504.77	253.92	107.04	63.38	45.81	30.99	14.97
OC	641.35	630.71	552.94	424.88	303.69	202.44	119.05	58.37	21.88	2.02
OD	641.35	630.71	552.94	424.88	303.69	202.44	119.05	58.37	21.88	2.02



H[m]	D[m]	Max lux	Med lux	Alpha=20.8°+17.6°	G=-9.0	
1.00	0.72	751	384			
2.00	1.45	188	96			
3.00	2.17	83	43			
4.00	2.90	47	24			
5.00	3.62	30	15			

H[m]	D[m]	Max lux	Med lux	Beta=33.3°+33.3°	G=0.0	
1.00	1.33	751	384			
2.00	2.66	188	96			
3.00	3.99	83	43			
4.00	5.32	47	24			
5.00	6.65	30	15			