

Luminaire

Code 1430020APP
Name ALPHABET OF LIGHT SQ S 180X180 APP

Measurem.

Code FTS2200151-A
Name ALPHABET OF LIGHT SQ S 180X180 APP

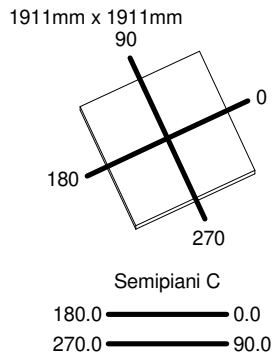
Luminaire Flux	14020 lm	Luminaire Power	145.0 W	Efficacy	96.690 lm/W	Efficiency	100.00%
Source Flux	14020 lm	Maximum value	155.97 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1911 mm	Width	1911 mm	Height	50 mm
Rectangular Luminous Area		Length	610 mm	Width	610 mm	Height	50 mm
Horizontal Luminous Area		0.372100 m2		Emitting area on Plane 180°		0.030500 m2	
Emitting area on Plane 0°		0.030500 m2		Emitting area on Plane 270°		0.030500 m2	
Emitting area on Plane 90°		0.030500 m2		Glare area at 76°		0.119613 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		14020 lm	

LED Flux=17760lm LED Power=138W Eff=79% EfcLed=129lm/W EfcLum=97lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(10k)=60000h

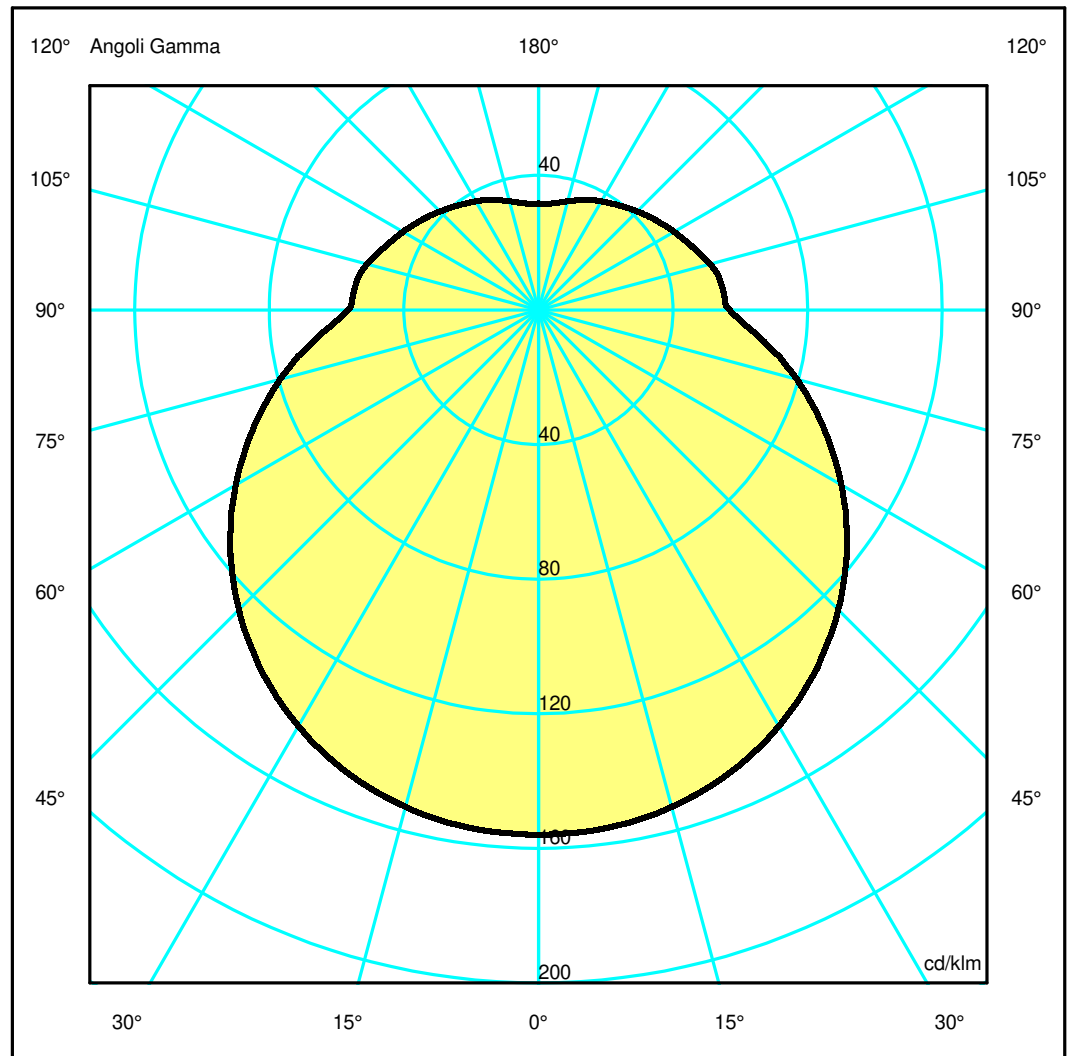
C.I.E. 33 60 82 69 100
F UTE 0.69 H + 0.31 T

D DIN 5040
B NBN

B21
BZ 6



ULOR 31.35 %
DLOR 68.65 %
RN 31.35 %



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Measurment

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Measurement Distance		0.00		Measurement Flux		14020 lm	

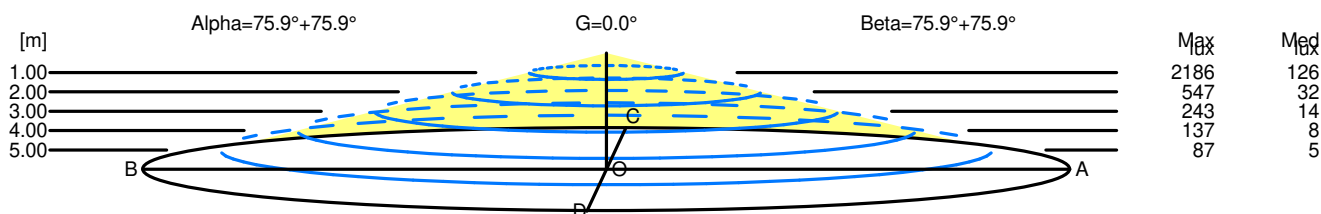
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C.I.E.	33 60 82 69 100	D DIN 5040	B21
F UTE	0.69 H + 0.31 T	B NBN	BZ 6

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	3.99	7.98	11.96	15.95	19.94	OC	3.99	7.98	11.96	15.95	19.94
OB	3.99	7.98	11.96	15.95	19.94	OD	3.99	7.98	11.96	15.95	19.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2186.28	2181.78	2143.27	2059.75	1932.95	1765.49	1565.38	1343.64	1115.39	882.16
OB	2186.28	2181.78	2143.27	2059.75	1932.95	1765.49	1565.38	1343.64	1115.39	882.16
OC	2186.28	2181.78	2143.27	2059.75	1932.95	1765.49	1565.38	1343.64	1115.39	882.16
OD	2186.28	2181.78	2143.27	2059.75	1932.95	1765.49	1565.38	1343.64	1115.39	882.16



H[m]	D[m]	Max lux	Med lux	Alpha=75.9°+75.9°	G=0.0
1.00	7.98	2186	126		
2.00	15.95	547	32		
3.00	23.93	243	14		
4.00	31.90	137	8		
5.00	39.88	87	5		

H[m]	D[m]	Max lux	Med lux	Beta=75.9°+75.9°	G=0.0
1.00	7.98	2186	126		
2.00	15.95	547	32		
3.00	23.93	243	14		
4.00	31.90	137	8		
5.00	39.88	87	5		