

Luminaire

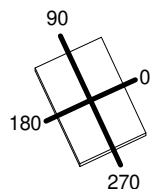
Code 1430230APP
 Name ALPHABET OF LIGHT RECT C/W 120X180 APP

Measurem.

Code FTS2200153-A
 Name ALPHABET OF LIGHT RECT C/W 120X180 APP

Luminaire Flux	11754 lm	Luminaire Power	125.0 W	Efficacy	94.032 lm/W	Efficiency	100.00%
Source Flux	11754 lm	Maximum value	155.97 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1913 mm	Width	1321 mm	Height	50 mm
Rectangular Luminous Area		Length	673 mm	Width	465 mm	Height	50 mm
Horizontal Luminous Area		0.312945 m ²		Emitting area on Plane 180°		0.033650 m ²	
Emitting area on Plane 0°		0.033650 m ²		Emitting area on Plane 270°		0.023250 m ²	
Emitting area on Plane 90°		0.023250 m ²		Glare area at 76°		0.108359 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		11754 lm	
LED Flux=14918lm LED Power=114W Eff=79% EfcLed=131lm/W EfcLum=94lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(10k)=60000h							
C.I.E.	33 60 82 69 100			D DIN 5040		B21	
F UTE	0.69 H + 0.31 T			B NBN		BZ 6	

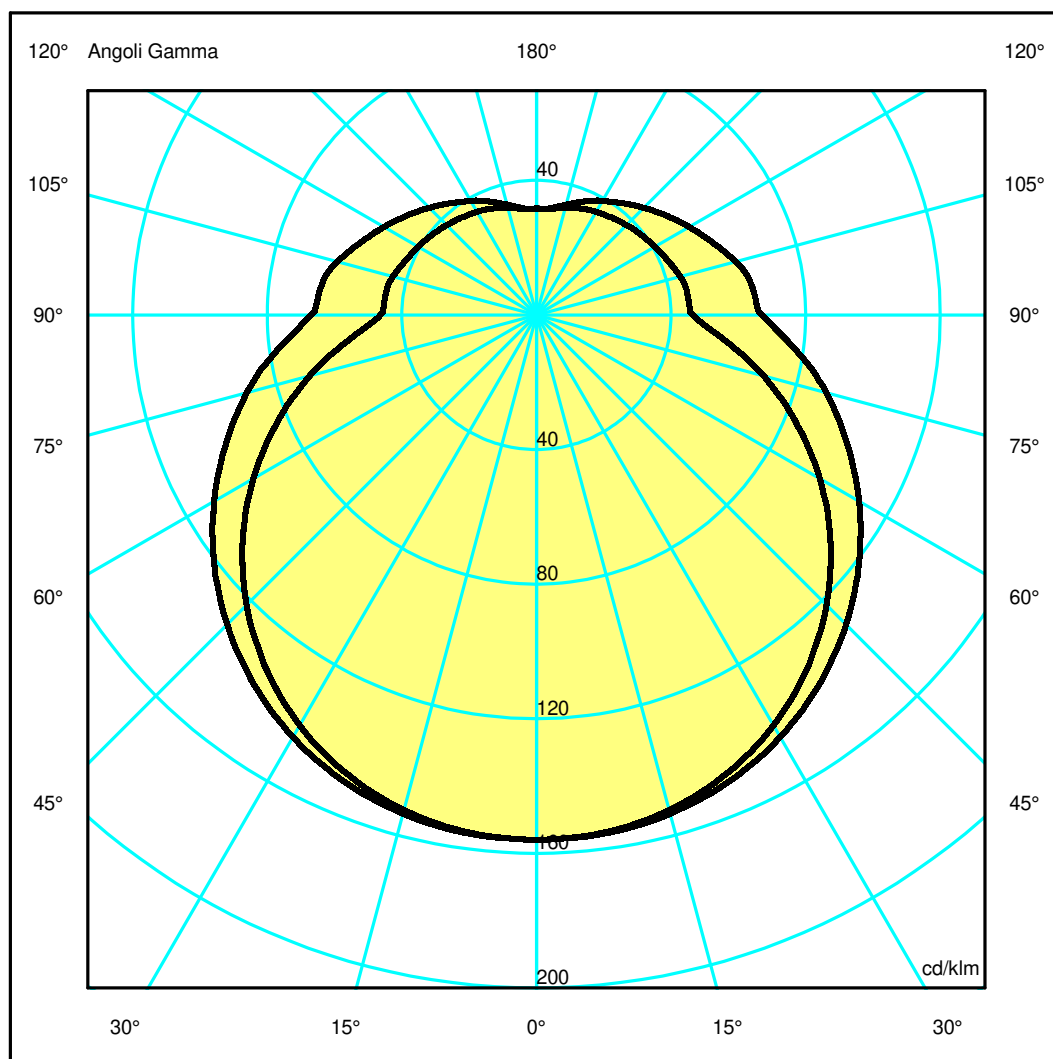
1913mm x 1321mm



Semipiani C

180.0 ——— 0.0
 270.0 ——— 90.0

ULOR 31.35 %
 DLOR 68.65 %
 RN 31.35 %



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Measurement

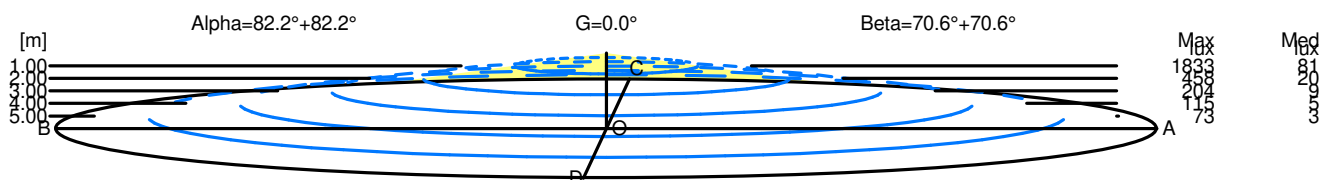
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F UTE	0.69 H + 0.31 T			B NBN	BZ 6		

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	7.30	14.59	21.89	29.19	36.49	OC	2.83	5.67	8.50	11.33	14.17
OB	7.30	14.59	21.89	29.19	36.49	OD	2.83	5.67	8.50	11.33	14.17

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1832.92	1830.08	1803.43	1743.73	1651.57	1528.25	1380.53	1217.00	1048.92	865.11
OB	1832.92	1830.08	1803.43	1743.73	1651.57	1528.25	1380.53	1217.00	1048.92	865.11
OC	1832.92	1828.21	1790.30	1709.95	1589.51	1432.02	1244.22	1035.95	821.30	614.05
OD	1832.92	1828.21	1790.30	1709.95	1589.51	1432.02	1244.22	1035.95	821.30	614.05



H[m]	D[m]	Max lux	Med lux	Alpha=82.2°+82.2°	G=0.0
1.00	14.59	1833	81		
2.00	29.19	458	20		
3.00	43.78	204	9		
4.00	58.38	115	5		
5.00	72.97	73	3		

H[m]	D[m]	Max lux	Med lux	Beta=70.6°+70.6°	G=0.0
1.00	5.67	1833	81		
2.00	11.33	458	20		
3.00	17.00	204	9		
4.00	22.67	115	5		
5.00	28.34	73	3		