

Luminaire

Code 1813010A
Name EMPATIA 16 LED T - tavolo

Measurem.

Code FTS1400351
Name EMPATIA 16 LED T - tavolo

Luminaire Flux	567.00 lm	Luminaire Power	11.00 W	Efficacy	51.55 lm/W	Efficiency	100.00%
Sources Flux	567.00 lm	Maximum value	358.51 cd/klm	Position	C=0.00 G=172.00	CG	Rotosymmetrical
Round Luminaire		Diam.	160 mm	Height	200 mm		
Round Luminous Area		Diam.	160 mm	Height	145 mm		
Horizontal Luminous Area		0.020106 m ²		Emitting area on Plane 180°		0.023200 m ²	
Emitting area on Plane 0°		0.023200 m ²		Emitting area on Plane 270°		0.023200 m ²	
Emitting area on Plane 90°		0.023200 m ²		Glare area at 76°		0.027375 m ²	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		16-01-2000		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		567.00 lm	
LED Flux=1027,13lm LED Power=9,4W Eff=55% EfcLed=109lm/W EfcLum=52lm/W Ra=90 SDCM=2 L70(6K)=36300h							
C.I.E.	27 60 83 23 100			D DIN 5040		D13	
F UTE	0.23 H + 0.77 T			B NBN		BZ 7 / 2.5 / BZ 6	

Diam=160mm



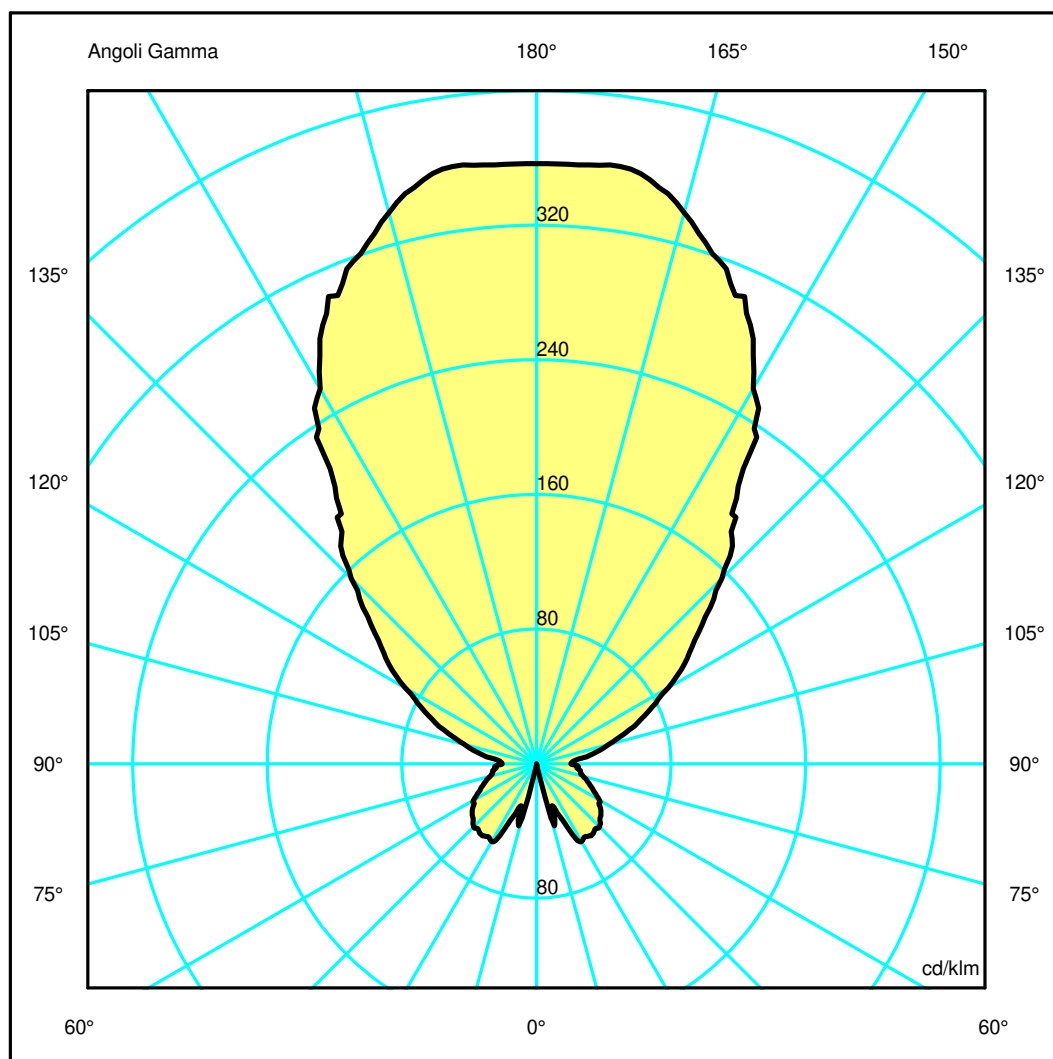
Semipiani C

180.0 ——— 0.0

ULOR 76.53 %

DLOR 23.47 %

RN 76.53 %



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Emitting area on Plane 0°		0.023200 m2		Emitting area on Plane 270°		0.023200 m2	
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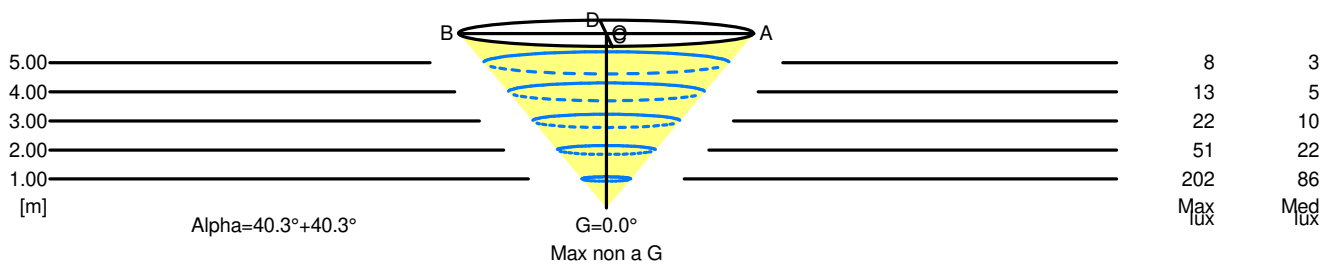
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F UTE	0.23 H + 0.77 T	B NBN	BZ 7 / 2.5 / BZ 6

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	0.85	1.69	2.54	3.39	4.23	OC	0.85	1.69	2.54	3.39	4.23
OB	0.85	1.69	2.54	3.39	4.23	OD	0.85	1.69	2.54	3.39	4.23

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	202.20	202.56	192.24	167.44	121.39	88.29	62.06	41.53	25.28	13.05
OB	202.20	202.56	192.24	167.44	121.39	88.29	62.06	41.53	25.28	13.05
OC	202.20	202.56	192.24	167.44	121.39	88.29	62.06	41.53	25.28	13.05
OD	202.20	202.56	192.24	167.44	121.39	88.29	62.06	41.53	25.28	13.05



5.00	8.47	8	3	
4.00	6.77	13	5	
3.00	5.08	22	10	
2.00	3.39	51	22	
1.00	1.69	202	86	
H[m]	D[m]	Max lux	Med lux	