

Luminaire

Code 1814010A
Name EMPATIA 16 LED W/C - parete/soffitto

Measurement

Code FTS1400341
Name EMPATIA 16 LED W/C - parete/soffitto

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=7.00	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. 55 81 94 77 100
F UTE 0.77 D + 0.23 T

D DIN 5040
B NBN

B41
BZ 3 / 0.8 / BZ 4

Diam=160mm



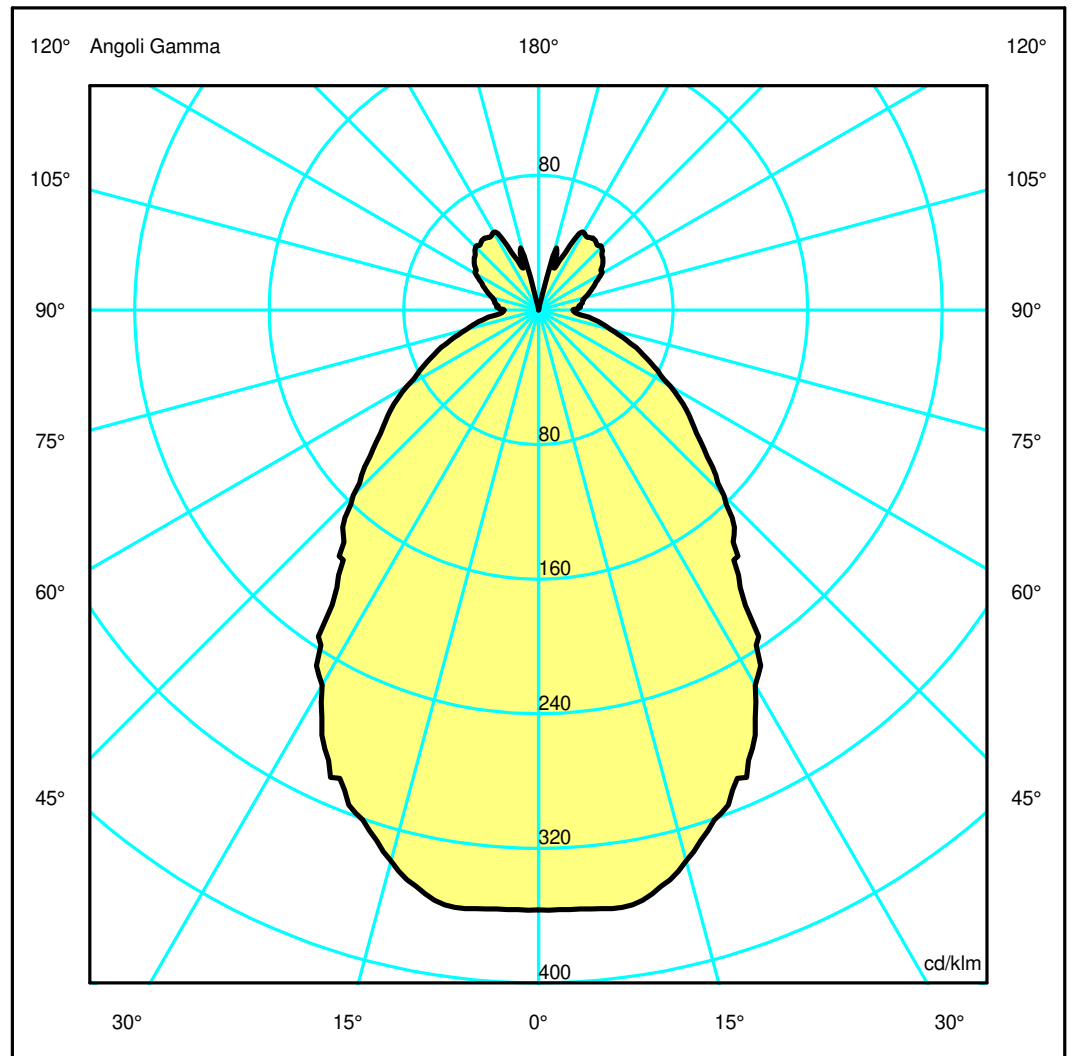
Semipiani C

180.0 ——— 0.0

ULOR 23.47 %

DLOR 76.53 %

RN 23.47 %



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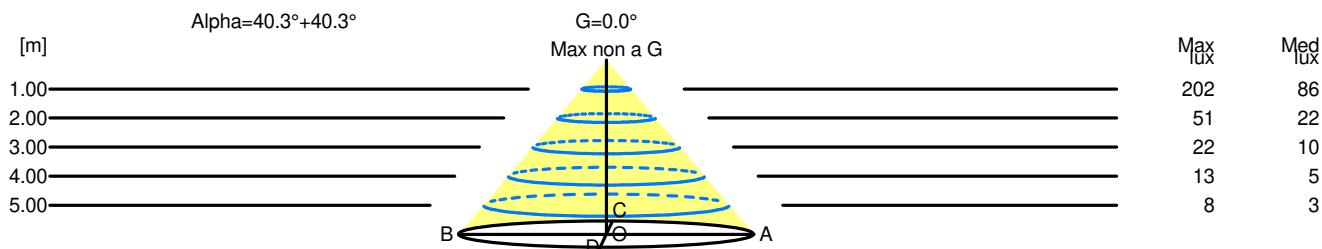
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C.I.E.	55 81 94 77 100			D DIN 5040	B41		
F UTE	0.77 D + 0.23 T			B NBN	BZ 3 / 0.8 / BZ 4		

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



H[m]	D[m]	Max lux	Med lux	Alpha=40.3°+40.3°	G=0.0 Max non a G
1.00	1.69	202	86		
2.00	3.39	51	22		
3.00	5.08	22	10		
4.00	6.77	13	5		
5.00	8.47	8	3		