

Luminaire

Code 1822010A
Name EMPATIA 36 LED W/C - parete/soffitto

Measurem.

Code FTS1400343
Name EMPATIA 36 LED W/C - parete/soffitto

Luminaire Flux	1273.43 lm	Luminaire Power	24.00 W	Efficacy	53.06 lm/W	Efficiency	100.00%
Sources Flux	1273.43 lm	Maximum value	279.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	360 mm	Height	382 mm		
Round Luminous Area		Diam.	360 mm	Height	335 mm		
Horizontal Luminous Area		0.101788 m2		Emitting area on Plane 180°		0.120600 m2	
Emitting area on Plane 0°		0.120600 m2		Emitting area on Plane 270°		0.120600 m2	
Emitting area on Plane 90°		0.120600 m2		Glare area at 76°		0.141642 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		27-01-2000		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1273.43 lm	

LED Flux=2514,84lm LED Power=21W Eff=51% EfcLed=120lm/W EfcLum=53lm/W Ra=90 SDCM=2 L70(6K)=36300h

C.I.E. 46 75 92 73 100
F UTE 0.73 E + 0.27 T

D DIN 5040
B NBN

B31
BZ 5

Diam=360mm



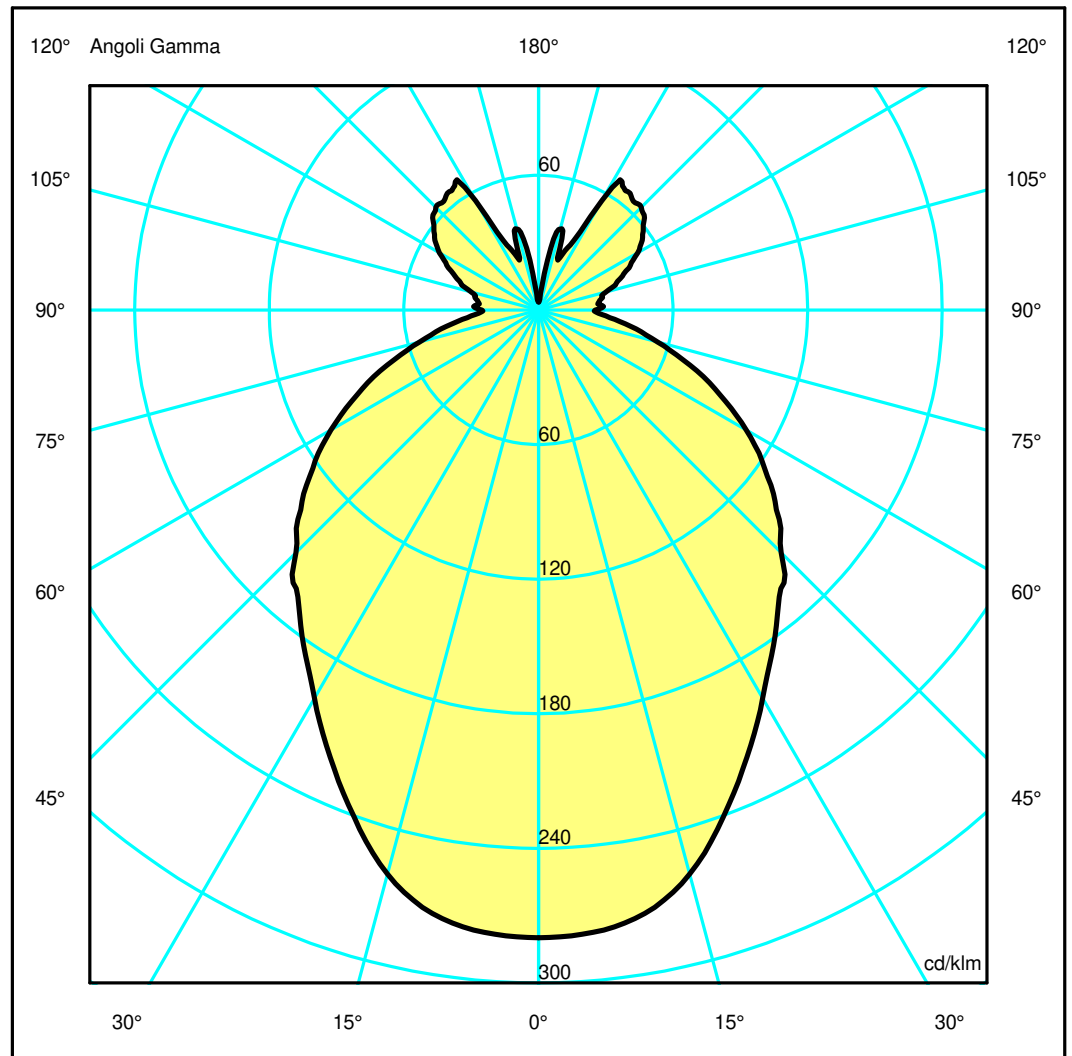
Semipiani C

180.0 ——— 0.0

ULOR 27.49 %

DLOR 72.51 %

RN 27.49 %



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Measur.

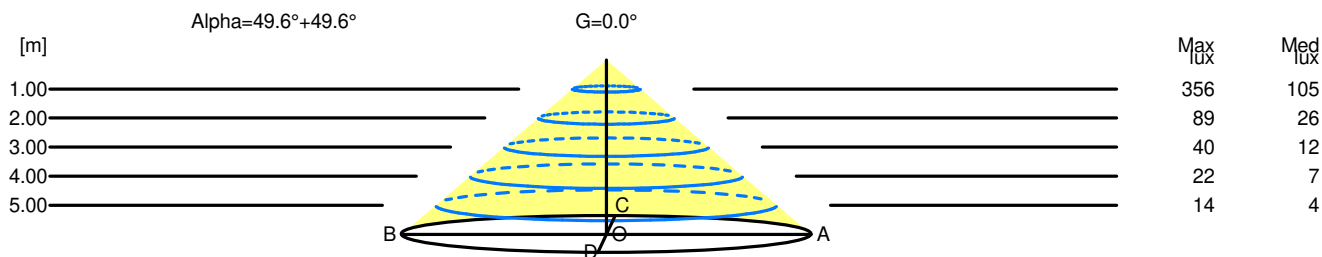
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Measurement Distance		0.00		Measurement Flux		1273.43 lm	
LED Flux=2514,84lm LED Power=21W Eff=51% EfcLed=120lm/W EfcLum=53lm/W Ra=90 SDCM=2 L70(6K)=36300h							
C.I.E.	46 75 92 73 100			D DIN 5040	B31		
F UTE	0.73 E + 0.27 T			B NBN	BZ 5		

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	1.18	2.35	3.53	4.70	5.88	OC	1.18	2.35	3.53	4.70	5.88
OB	1.18	2.35	3.53	4.70	5.88	OD	1.18	2.35	3.53	4.70	5.88

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	356.31	354.61	331.53	280.03	232.56	194.74	156.50	113.67	69.95	38.23
OB	356.31	354.61	331.53	280.03	232.56	194.74	156.50	113.67	69.95	38.23
OC	356.31	354.61	331.53	280.03	232.56	194.74	156.50	113.67	69.95	38.23
OD	356.31	354.61	331.53	280.03	232.56	194.74	156.50	113.67	69.95	38.23



H[m]	D[m]	Max lux	Med lux	Alpha=49.6°+49.6°	G=0.0
1.00	2.35	356	105		
2.00	4.70	89	26		
3.00	7.05	40	12		
4.00	9.40	22	7		
5.00	11.75	14	4		