

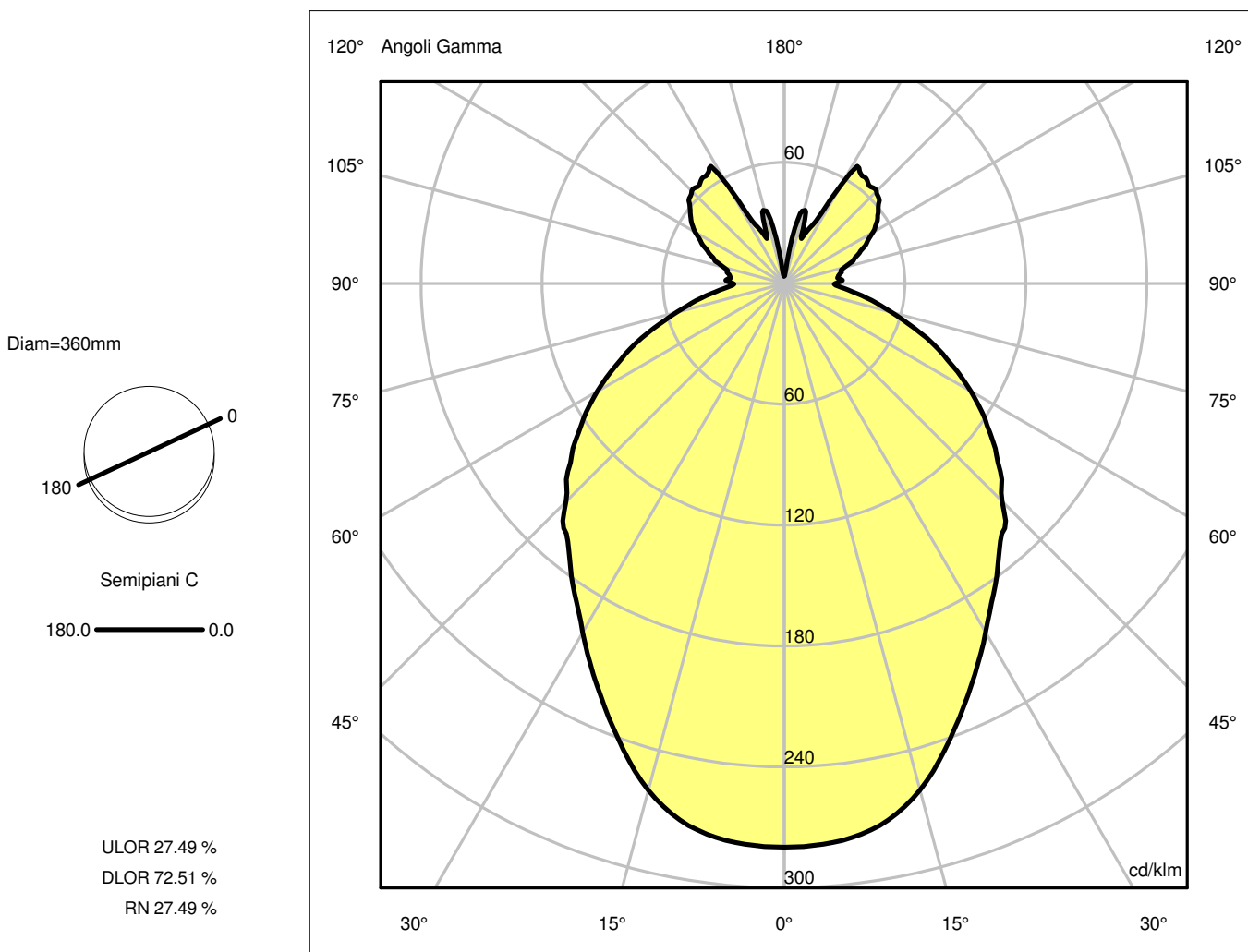
## Luminaire

Code 1823118A  
Name EMPATIA 36 LED S DIMM UL

## Measurem.

Code FTS1701353  
Name EMPATIA 36 LED S DIMM UL

Luminaire Flux	1273.43 lm	Luminaire Power	24.00 W	Efficacy	53.06 lm/W	Efficiency	100.00%
Lamps Flux	1273.43 lm	Maximum value	279.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 360 mm Diam. 360 mm	Height	382 mm	Height	335 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.101788 m2 0.120600 m2 0.120600 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°			0.120600 m2 0.120600 m2 0.141642 m2		
Coordinate system Date Measurement Distance	CG 27-01-2000 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux			Rotosymmetrical 180 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. F UTE	46 75 92 73 100 0.73 E + 0.27 T	D DIN 5040 B NBN		B31 BZ 5			



## Luminaire

Code 1823118A  
Name EMPATIA 36 LED S DIMM UL

## Measurerm.

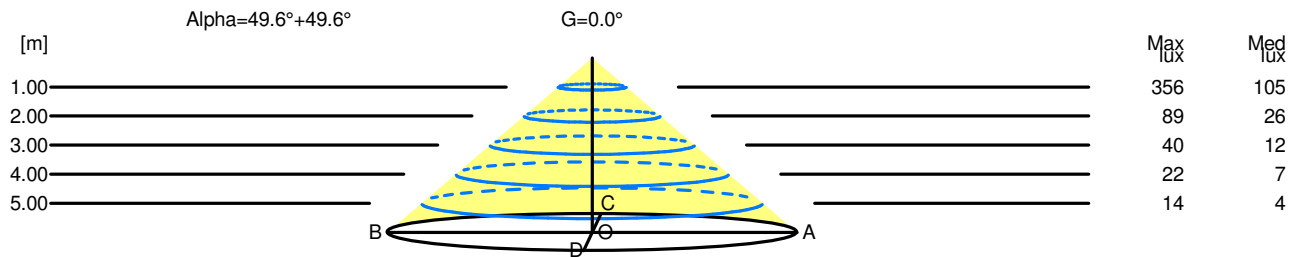
Code FTS1701353  
Name EMPATIA 36 LED S DIMM UL

Luminaire Flux	1273.43 lm	Luminaire Power	24.00 W	Efficacy	53.06 lm/W	Efficiency	100.00%
Lamps Flux	1273.43 lm	Maximum value	279.80 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	360 mm 360 mm	Height Height	382 mm 335 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.101788 m2 0.120600 m2 0.120600 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.120600 m2 0.120600 m2 0.141642 m2	
Coordinate system Date Measurement Distance		CG 27-01-2000 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 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. F UTE	46 75 92 73 100 0.73 E + 0.27 T			D DIN 5040 B NBN		B31 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		