

Luminaire

Code 1822018A
Name EMPATIA 36 WALL/CEIL LED UL

Measurem.

Code FTS1400343-A
Name EMPATIA 36 WALL/CEIL LED UL

Luminaire Flux	1273.00 lm	Luminaire Power	24.00 W	Efficacy	53.04 lm/W	Efficiency	100.00%
Sources Flux	1273.00 lm	Maximum value	523.29 cd/klm	Position	C=0.00 G=7.00	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		26-01-2000		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			709.72 lm

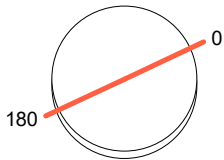
LED Flux=2514.84lm LED Power=21W Eff=51% EfcLed=120lm/W EfcLum=53lm/W Ra=90 SDCM=2 L70(6K)=36300h

C.I.E. 55 81 94 80 100
F UTE 0.80 D + 0.20 T

D DIN 5040
B NBN

B41
BZ 3 / 1 / BZ 4

Diam=360mm



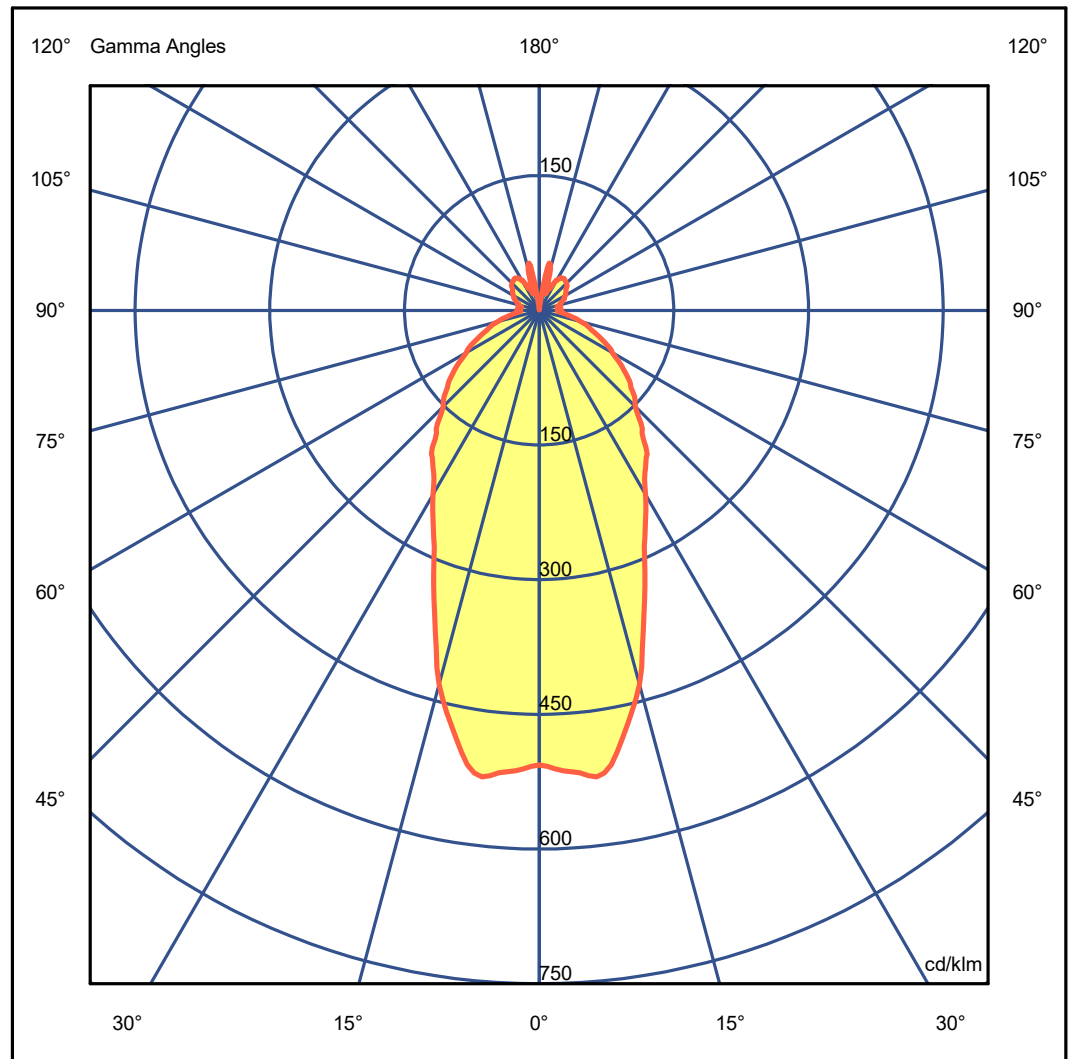
C Halfplanes

180.0 — 0.0

ULOR 19.77 %

DLOR 80.23 %

RN 19.77 %



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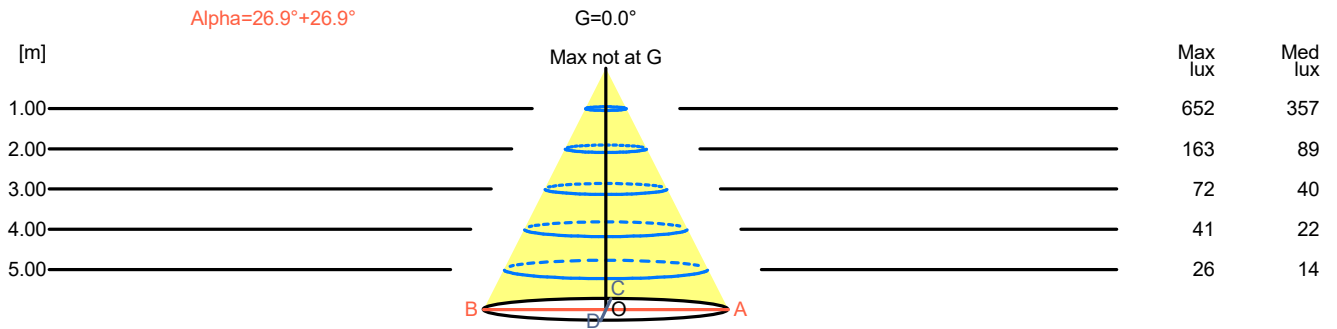
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Sources Flux	1273.00 lm	Maximum value	523.29 cd/klm	Position	C=0.00 G=7.00	CG	Rotosymmetrical

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	0.51	1.01	1.52	2.03	2.54	OC	0.51	1.01	1.52	2.03	2.54
OB	0.51	1.01	1.52	2.03	2.54	OD	0.51	1.01	1.52	2.03	2.54

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	644.67	658.11	549.06	354.26	263.49	192.40	146.00	98.61	61.05	29.52
OB	644.67	658.11	549.06	354.26	263.49	192.40	146.00	98.61	61.05	29.52
OC	644.67	658.11	549.06	354.26	263.49	192.40	146.00	98.61	61.05	29.52
OD	644.67	658.11	549.06	354.26	263.49	192.40	146.00	98.61	61.05	29.52



H[m]	D[m]	Max lux	Med lux	Alpha=26.9°+26.9°	G=0.0 Max not at G	
1.00	1.01	652	357			
2.00	2.03	163	89			
3.00	3.04	72	40			
4.00	4.06	41	22			
5.00	5.07	26	14			