

## Luminaire

Code 1476W10A  
Name MERCURY MINI PLAFONE LED COB 2700K

## Measurerm.

Code FTS1700091  
Name MERCURY MINI PLAFONE LED COB 2700K

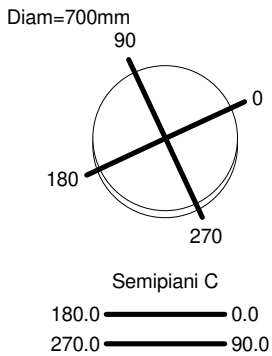
Luminaire Flux	1447.00 lm	Luminaire Power	29.00 W	Efficacy	49.90 lm/W	Efficiency	100.00%
Sources Flux	1447.00 lm	Maximum value	313.01 cd/klm	Position	C=85.00 G=130.00	CG	Asymmetrical
Round Luminaire		Diam.	700 mm	Height	562 mm		
Round Luminous Area		Diam.	700 mm	Height	562 mm		
Horizontal Luminous Area			0.384845 m <sup>2</sup>	Emitting area on Plane 180°			0.393400 m <sup>2</sup>
Emitting area on Plane 0°			0.393400 m <sup>2</sup>	Emitting area on Plane 270°			0.393400 m <sup>2</sup>
Emitting area on Plane 90°			0.393400 m <sup>2</sup>	Glare area at 76°			0.474817 m <sup>2</sup>
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		15-10-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1447.00 lm	

LED Flux=2683,61lm LED Power=24,25W Eff=54% EfcLed=111lm/W EfcLum=50lm/W Ra=90 SDCM=2 L70(6K)=50000h

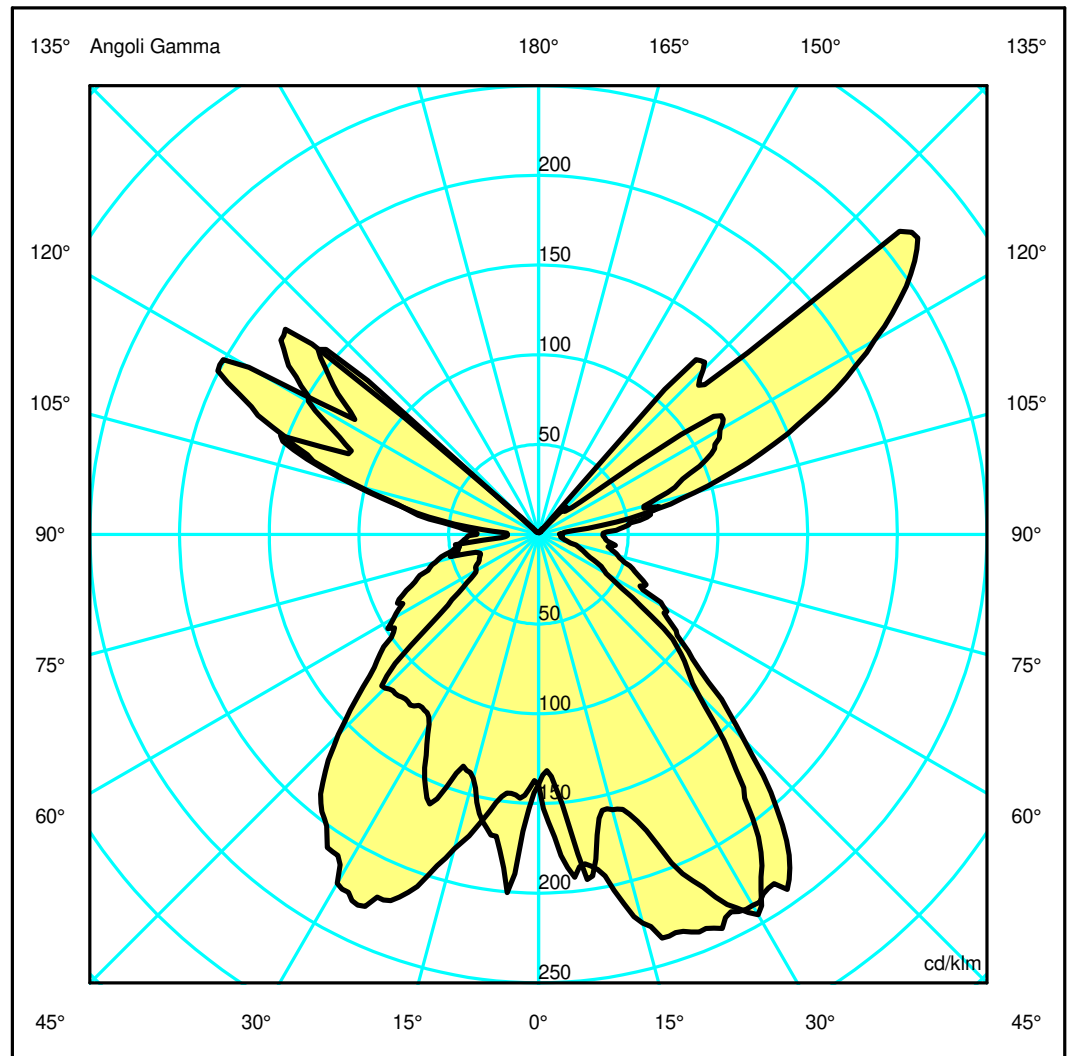
C.I.E. 50 79 92 58 100  
F UTE 0.58 E + 0.42 T

D DIN 5040  
B NBN

C31  
BZ 4 / 1.5 / BZ 5



ULOR 42.20 %  
DLOR 57.80 %  
RN 42.20 %



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## Measurement

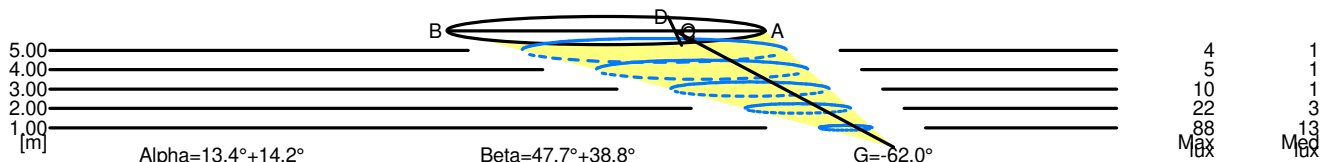
Code FTS1700091  
Name MERCURY MINI PLAFONE LED COB 2700K

Luminaire Flux	1447.00 lm	Luminaire Power	29.00 W	Efficacy	49.90 lm/W	Efficiency	100.00%
Sources Flux	1447.00 lm	Maximum value	313.01 cd/klm	Position	C=85.00 G=130.00	CG	Asymmetrical
Round Luminaire		Diam.	700 mm	Height	562 mm		
Round Luminous Area		Diam.	700 mm	Height	562 mm		
Horizontal Luminous Area			0.384845 m2	Emitting area on Plane 180°			0.393400 m2
Emitting area on Plane 0°			0.393400 m2	Emitting area on Plane 270°			0.393400 m2
Emitting area on Plane 90°			0.393400 m2	Glare area at 76°			0.474817 m2
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		15-10-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1447.00 lm	
LED Flux=2683,61lm LED Power=24,25W Eff=54% EfcLed=111lm/W EfcLum=50lm/W Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E.	50 79 92 58 100			D DIN 5040	C31		
F UTE	0.58 E + 0.42 T			B NBN	BZ 4 / 1.5 / 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	0.78	1.56	2.34	3.12	3.90	OC	2.34	4.68	7.01	9.35	11.69
OB	1.96	3.92	5.87	7.83	9.79	OD	1.71	3.42	5.13	6.84	8.55

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1.53	1.60	1.54	1.52	2.62	31.28	140.20	153.75	87.99	69.78
OB	1.53	1.57	1.52	1.58	1.85	4.29	197.53	265.48	150.57	64.34
OC	1.53	1.62	1.58	2.13	5.86	187.46	366.43	254.08	130.30	22.42
OD	1.53	1.65	1.60	1.63	2.73	19.22	248.76	172.08	154.12	45.40



5.00	13.69	4	1			
4.00	10.95	5	1			
3.00	8.21	10	1			
2.00	5.48	22	3			
1.00	2.74	88	13			
H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+14.2°	G=-62.0	

5.00	20.24	4	1			
4.00	16.19	5	1			
3.00	12.14	10	1			
2.00	8.10	22	3			
1.00	4.05	88	13			
H[m]	D[m]	Max lux	Med lux	Beta=38.8°+47.7°	G=0.0	