

## Luminaire

Code 1366W10A  
Name MERCURY PLAFONE LED COB 2700K

## Measurerm.

Code FTS1700089  
Name MERCURY PLAFONE LED COB 2700K

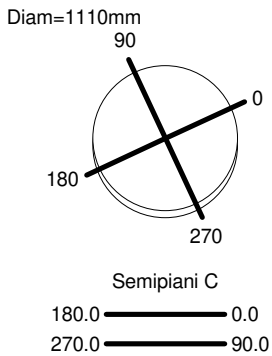
Luminaire Flux	2893.00 lm	Luminaire Power	58.00 W	Efficacy	49.88 lm/W	Efficiency	100.00%
Sources Flux	2893.00 lm	Maximum value	313.01 cd/klm	Position	C=85.00 G=130.00	CG	Asymmetrical
Round Luminaire		Diam.	1110 mm	Height	600 mm		
Round Luminous Area		Diam.	1110 mm	Height	600 mm		
Horizontal Luminous Area			0.967689 m2	Emitting area on Plane 180°			0.666000 m2
Emitting area on Plane 0°			0.666000 m2	Emitting area on Plane 270°			0.666000 m2
Emitting area on Plane 90°			0.666000 m2	Glare area at 76°			0.880322 m2
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		15-10-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2893.00 lm	

LED Flux=5365,36lm LED Power=48,5W Eff=54% EfcLed=111lm/W EfcLum=50lm/W Ra=90 SDCM=2 L70(6K)=50000h

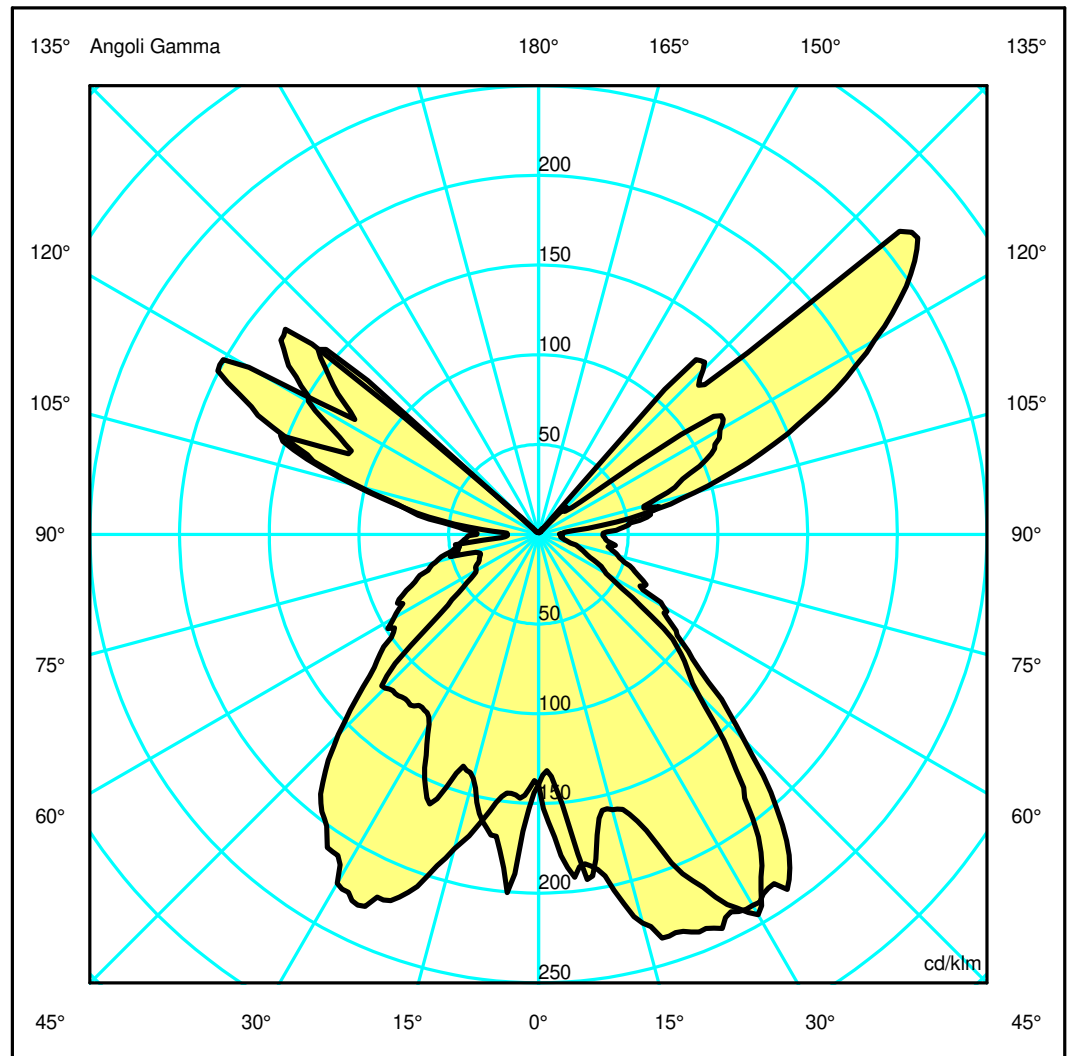
C.I.E. 50 79 92 58 100  
F UTE 0.58 E + 0.42 T

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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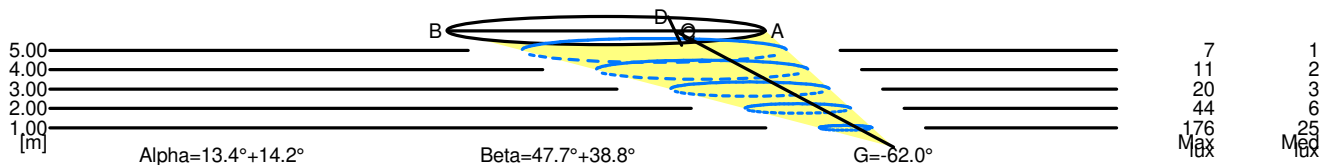
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Name MERCURY PLAFONE LED COB 2700K

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Emitting area on Plane 90°			0.666000 m2	Glare area at 76°			0.880322 m2
Coordinate system		CG		Symmetry Type			Asymmetrical
Date		15-10-2015		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			2893.00 lm
LED Flux=5365,36lm LED Power=48,5W 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	3.06	3.19	3.08	3.03	5.24	62.54	280.30	307.40	175.92	139.51
OB	3.06	3.13	3.05	3.15	3.69	8.59	394.92	530.78	301.04	128.63
OC	3.06	3.24	3.16	4.26	11.72	374.78	732.61	507.98	260.52	44.82
OD	3.06	3.30	3.19	3.26	5.46	38.42	497.35	344.04	308.12	90.77



5.00	13.69	7	1			
4.00	10.95	11	2			
3.00	8.21	20	3			
2.00	5.48	44	6			
1.00	2.74	176	25			
H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+14.2°	G=-62.0	

5.00	20.24	7	1			
4.00	16.19	11	2			
3.00	12.14	20	3			
2.00	8.10	44	6			
1.00	4.05	176	25			
H[m]	D[m]	Max lux	Med lux	Beta=38.8°+47.7°	G=0.0	