

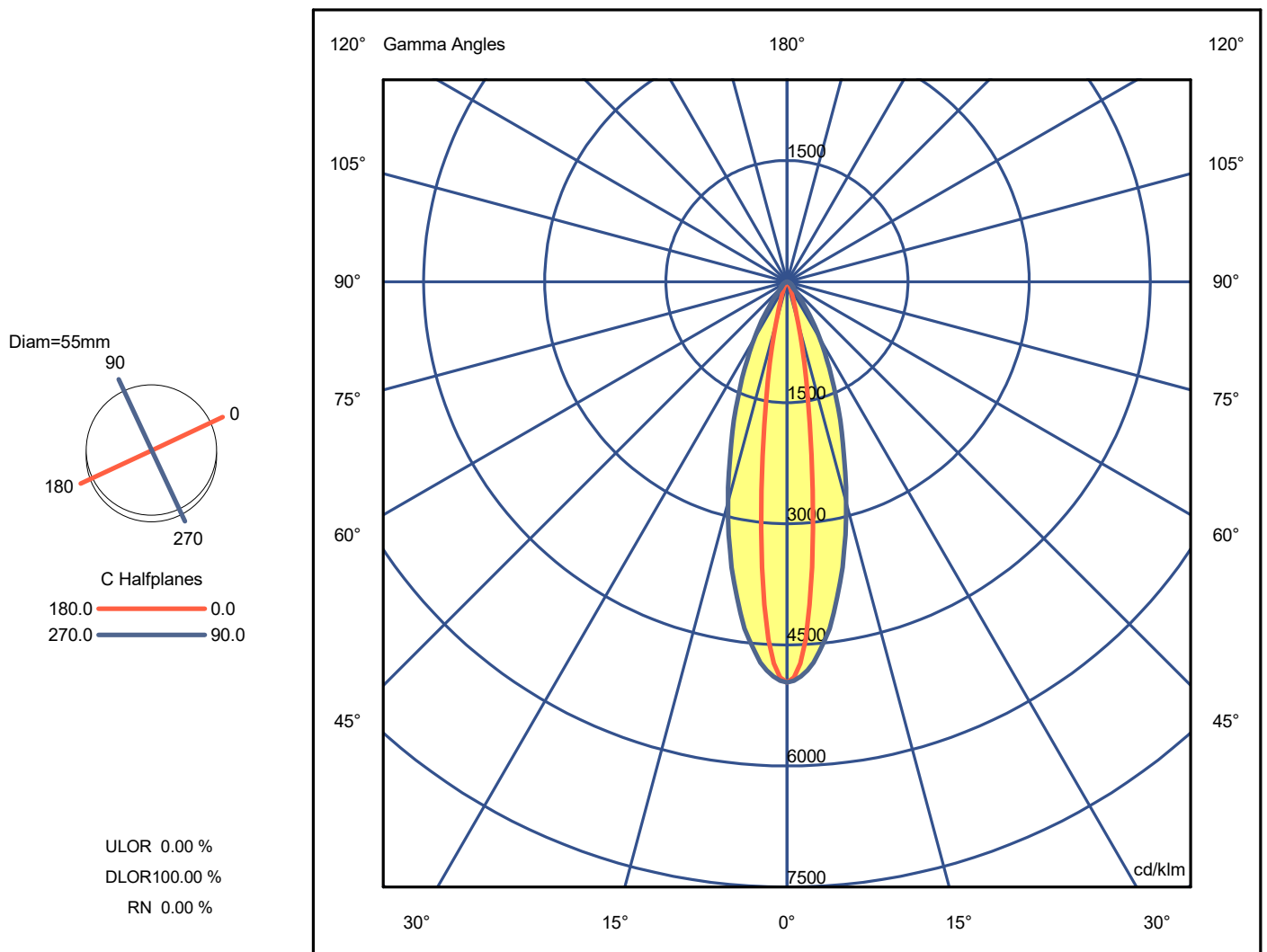
Luminaire

Code TC52104_AP90200
Name T. A. SYST GOPLE 60 PENDANT 9W 35K 90CRI NS 13° BLACK 48VDC + Elliptic Lens

Measurem.

Code RDN180212
Name T. A. SYST GOPLE 60 PENDANT 9W 35K 90CRI NS 13° BLACK 48VDC + Elliptic Lens

Luminaire Flux	370.42 lm	Luminaire Power	10.00 W	Efficacy	37.04 lm/W	Efficiency	100.00%
Sources Flux	370.42 lm	Maximum value	4963.04 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	55 mm	Height	110 mm		
Round Luminous Area		Diam.	35 mm	Height	0 mm		
Horizontal Luminous Area		0.000962 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000233 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		18-09-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		370.42 lm	
LED Flux=688lm LED Power=8.4W Eff=54% EfcLed=82lm/W EfcLum=41lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	96 99 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



Luminaire

Code TC52104_AP90200

Name T. A. SYST GOPLE 60 PENDANT 9W 35K 90CRI NS 13° BLACK 48VDC + Elliptic Lens

Measurem.

Code RDN180212

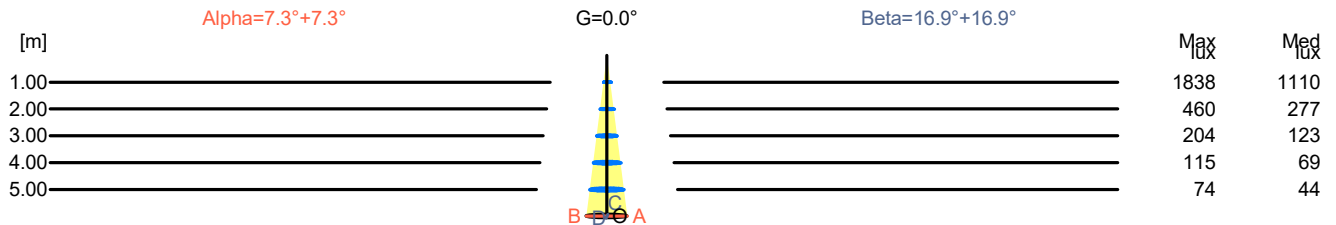
Name T. A. SYST GOPLE 60 PENDANT 9W 35K 90CRI NS 13° BLACK 48VDC + Elliptic Lens

Luminaire Flux	370.42 lm	Luminaire Power	10.00 W	Efficacy	37.04 lm/W	Efficiency	100.00%
Sources Flux	370.42 lm	Maximum value	4963.04 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.13	0.26	0.38	0.51	0.64	OC	0.30	0.61	0.91	1.22	1.52
OB	0.13	0.26	0.38	0.51	0.64	OD	0.30	0.61	0.91	1.22	1.52

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1838.40	1314.67	200.28	40.72	11.83	3.62	1.54	0.96	0.61	0.28
OB	1838.40	1314.67	200.28	40.72	11.83	3.62	1.54	0.96	0.61	0.28
OC	1838.40	1703.16	1046.05	485.79	161.35	38.38	23.88	12.67	2.32	0.25
OD	1838.40	1703.16	1046.05	485.79	161.35	38.38	23.88	12.67	2.32	0.25



H[m]	D[m]	Max lux	Med lux	Alpha=7.3°+7.3°	G=0.0
1.00	0.26	1838	1110		
2.00	0.51	460	277		
3.00	0.77	204	123		
4.00	1.02	115	69		
5.00	1.28	74	44		

H[m]	D[m]	Max lux	Med lux	Beta=16.9°+16.9°	G=0.0
1.00	0.61	1838	1110		
2.00	1.22	460	277		
3.00	1.83	204	123		
4.00	2.43	115	69		
5.00	3.04	74	44		