

Luminaire

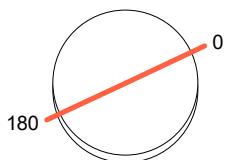
Code TC42204_AP91300
Name T. A. SYST GOPLE 80 PENDANT 23W 35K 90CRI S 22° BLACK 48VDC + Soft Filter

Measurement

Code RDN210512
Name T. A. SYST GOPLE 80 PENDANT 23W 35K 90CRI S 22° BLACK 48VDC + Soft Filter

Luminaire Flux	1154.13 lm	Luminaire Power	24.00 W	Efficacy	48.09 lm/W	Efficiency	100.00%
Sources Flux	1154.13 lm	Maximum value	3862.92 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	55 mm	Height	130 mm		
Round Luminous Area		Diam.	46 mm	Height	0 mm		
Horizontal Luminous Area		0.001662 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°		0.000402 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		18-09-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1154.13 lm	
LED Flux=2468lm LED Power=22W Eff=47% EfcLed=114lm/W EfcLum=50lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	98 99 100 100 100			D DIN 5040	A60		
F UTE	—			B NBN	BZ 1		

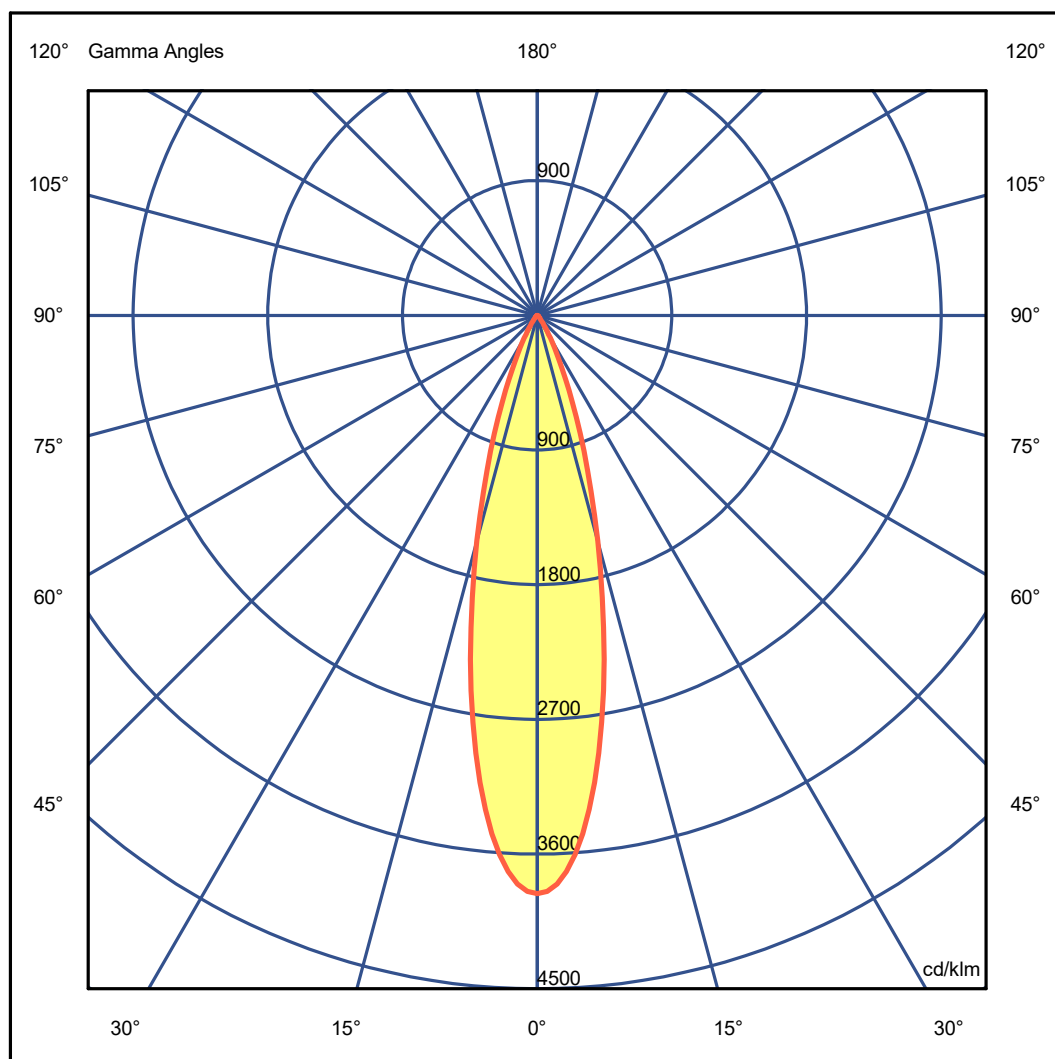
Diam=55mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

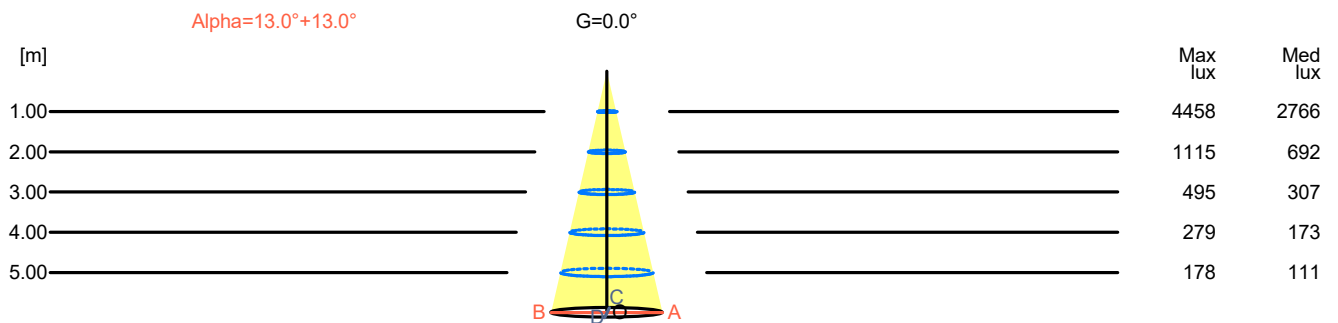
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Sources Flux	1154.13 lm	Maximum value	3862.92 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.23	0.46	0.69	0.92	1.16	OC	0.23	0.46	0.69	0.92	1.16
OB	0.23	0.46	0.69	0.92	1.16	OD	0.23	0.46	0.69	0.92	1.16

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4458.31	4012.78	1799.10	457.79	87.03	18.22	6.63	4.73	2.94	0.67
OB	4458.31	4012.78	1799.10	457.79	87.03	18.22	6.63	4.73	2.94	0.67
OC	4458.31	4012.78	1799.10	457.79	87.03	18.22	6.63	4.73	2.94	0.67
OD	4458.31	4012.78	1799.10	457.79	87.03	18.22	6.63	4.73	2.94	0.67



H[m]	D[m]	Max lux	Med lux	Alpha=13.0°+13.0°	G=0.0	
1.00	0.46	4458	2766			
2.00	0.92	1115	692			
3.00	1.39	495	307			
4.00	1.85	279	173			
5.00	2.31	178	111			