

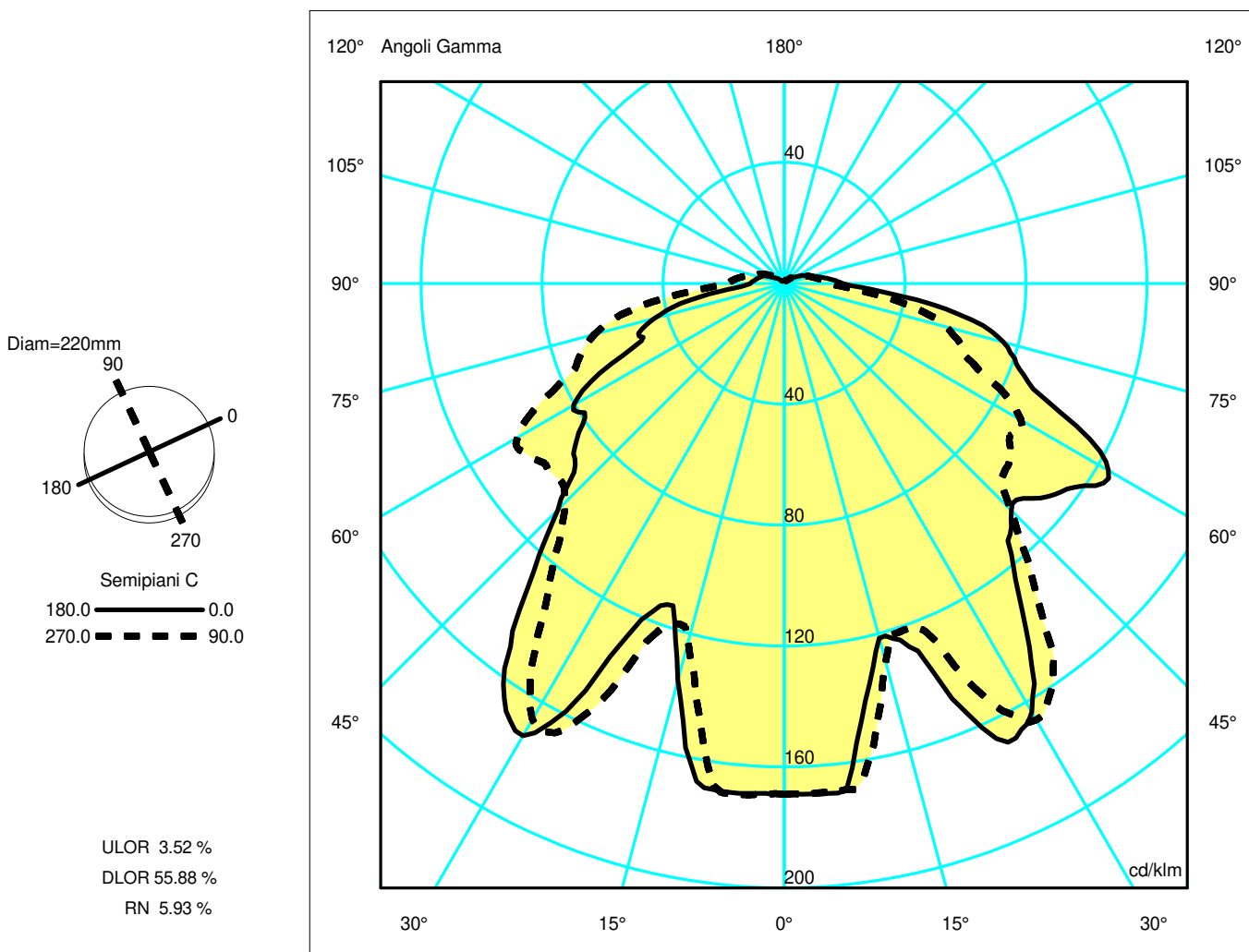
Luminaire

Code 1405350A
Name GOPLE S NRO+BLUE ZAFFIRO

Measurem.

Code FTS2000869
Name GOPLE S NRO+BLUE ZAFFIRO

Luminaire Flux	1456.48 lm	Luminaire Power	20.00 W	Efficacy	72.82 lm/W	Efficiency	59.40%
Lamps Flux	2452.00 lm	Maximum value	174.63 cd/klm	Position	C=210.00 G=31.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	220 mm 220 mm	Height Height	410 mm 150 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.038013 m2 0.066000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.066000 m2 0.000000 m2 0.073236 m2	
Coordinate system Date Measurement Distance		CG 24-07-2018 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Asymmetrical 180 2452.00 lm	
Greenlux LCG607150 20W E27 3000K							
C.I.E. F UTE	41 69 90 94 59 0.56 G + 0.04 T			D DIN 5040 B NBN	A31 BZ 5		



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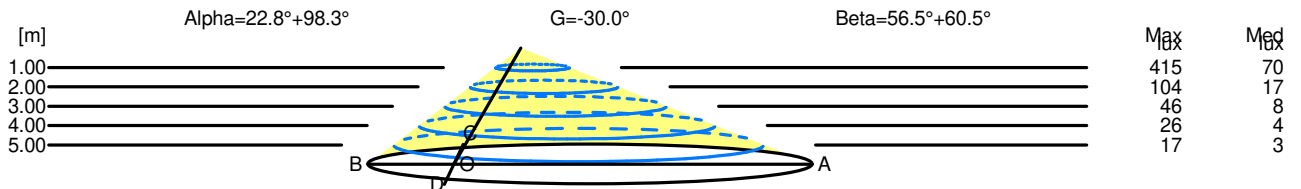
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Lamps Flux	2452.00 lm	Maximum value	174.63 cd/klm	Position	C=210.00 G=31.00	CG	Asymmetrical
Round Luminaire		Diam.	220 mm	Height	410 mm		
Round Luminous Area		Diam.	220 mm	Height	150 mm		
Horizontal Luminous Area	0.038013 m2			Emitting area on Plane 180°		0.066000 m2	
Emitting area on Plane 0°	0.066000 m2			Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°		0.073236 m2	
Coordinate system	CG			Symmetry Type		Asymmetrical	
Date	24-07-2018			Maximum Gamma Angle		180	
Measurement Distance	0.00			Measurement Flux		2452.00 lm	
Greenlux LCG607150 20W E27 3000K							
C.I.E.	41 69 90 94 59			D DIN 5040	A31		
F UTE	0.56 G + 0.04 T			B NBN	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	3.09	6.17	9.26	12.34	15.43	OC	1.74	3.48	5.22	6.97	8.71
OB	0.74	1.48	2.22	2.95	3.69	OD	2.04	4.07	6.11	8.15	10.19

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	414.65	415.35	298.05	407.56	341.72	260.41	287.98	246.03	184.06	80.88
OB	414.65	415.20	333.44	334.04	396.86	259.17	199.48	154.25	108.51	38.85
OC	414.65	414.19	318.50	359.62	380.61	259.76	222.73	181.72	136.26	59.16
OD	414.65	416.18	300.72	388.50	348.10	251.88	248.04	206.87	158.72	75.19



H[m]	D[m]	Max lux	Med lux	Alpha=22.8°+98.3°	G=-30.0
1.00	3.82	415	70		
2.00	7.65	104	17		
3.00	11.47	46	8		
4.00	15.30	26	4		
5.00	19.12	17	3		

H[m]	D[m]	Max lux	Med lux	Beta=60.5°+56.5°	G=0.0
1.00	3.78	415	70		
2.00	7.56	104	17		
3.00	11.34	46	8		
4.00	15.11	26	4		
5.00	18.89	17	3		