

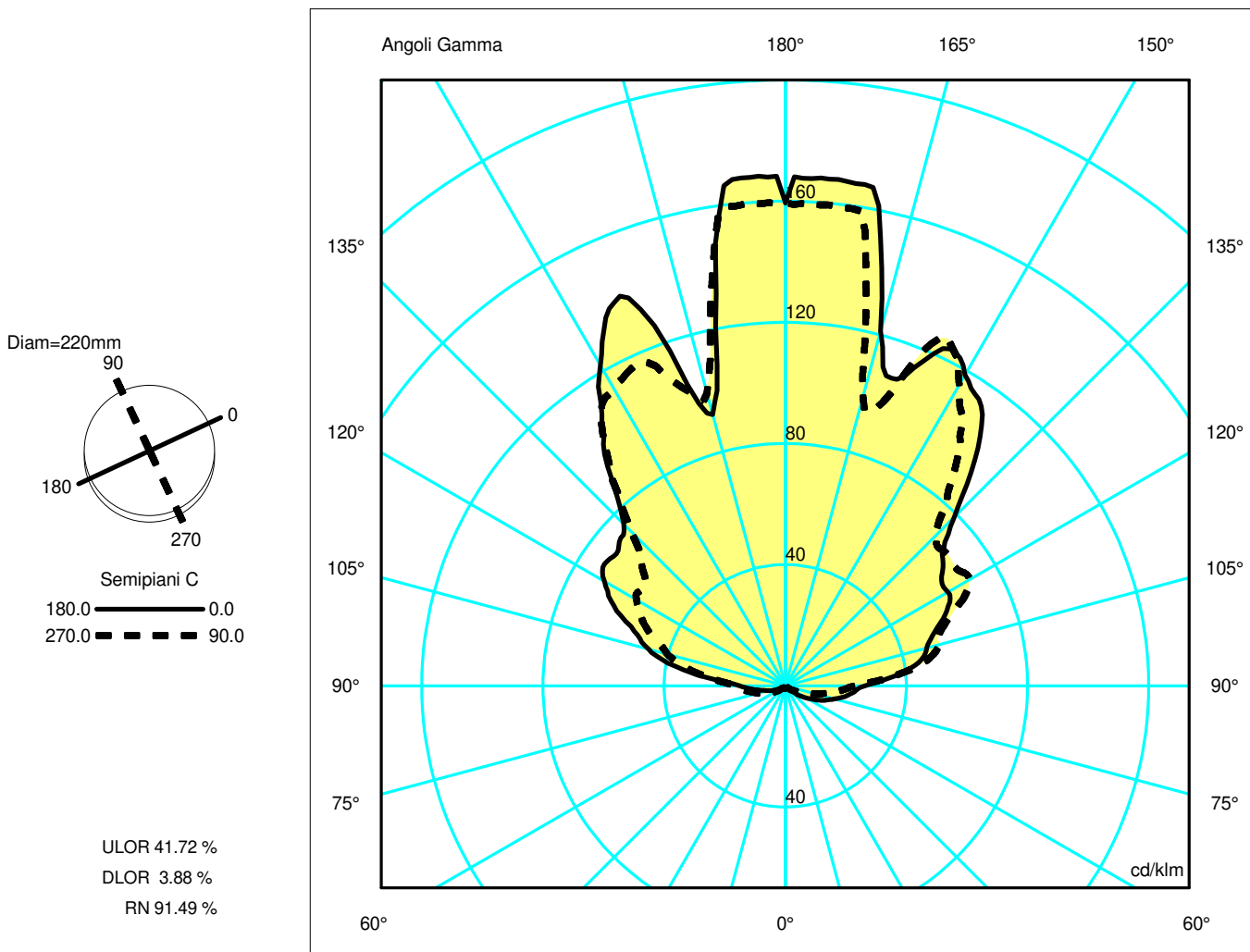
## Luminaire

Code 1410360A  
Name GOPLE F NRO+BRONZE

## Measur.

Code FTS2000877  
Name GOPLE F NRO+BRONZE

Luminaire Flux	1118.14 lm	Luminaire Power	20.00 W	Efficacy	55.91 lm/W	Efficiency	45.60%
Lamps Flux	2452.00 lm	Maximum value	168.48 cd/klm	Position	C=180.00 G=177.00	CG	Asymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	220 mm 220 mm	Height Height	410 mm 410 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.038013 m2 0.090200 m2 0.090200 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.090200 m2 0.090200 m2 0.096717 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	4 11 40 9 46 --			D DIN 5040 B NBN	-- BZ 10		



## Luminaire

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## Measurement

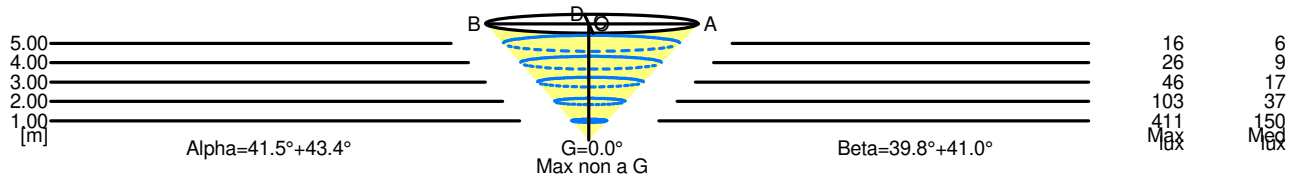
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Lamps Flux	2452.00 lm	Maximum value	168.48 cd/klm	Position	C=180.00 G=177.00	CG	Asymmetrical
Round Luminaire		Diam.	220 mm	Height	410 mm		
Round Luminous Area		Diam.	220 mm	Height	410 mm		
Horizontal Luminous Area	0.038013 m2			Emitting area on Plane 180°		0.090200 m2	
Emitting area on Plane 0°	0.090200 m2			Emitting area on Plane 270°		0.090200 m2	
Emitting area on Plane 90°	0.090200 m2			Glare area at 76°		0.096717 m2	
Coordinate system	CG			Symmetry Type		Asymmetrical	
Date	24-07-2018			Maximum Gamma Angle		180	
Measurement Distance	0.00			Measurement Flux		2452.00 lm	
Greenplux LCG607150 20W E27 3000K							
C.I.E.	4 11 40 9 46			D DIN 5040	--		
F UTE	--			B NBN	BZ 10		

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	0.94	1.89	2.83	3.78	4.72	OC	0.83	1.67	2.50	3.33	4.17
OB	0.88	1.77	2.65	3.53	4.42	OD	0.87	1.74	2.61	3.48	4.35

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	391.14	411.81	297.46	301.41	276.38	193.27	154.23	144.25	118.53	88.07
OB	391.14	412.82	227.47	337.03	258.85	185.08	176.14	153.12	114.38	56.10
OC	391.14	390.96	242.61	310.85	246.50	170.99	167.80	154.88	128.95	88.04
OD	391.14	391.02	244.80	286.61	259.37	176.38	138.64	128.19	98.97	57.42



5.00	9.14	16	6		
4.00	7.31	26	9		
3.00	5.48	46	17		
2.00	3.66	103	37		
1.00	1.83	411	150		
H[m]	D[m]	Max lux	Med lux	Alpha=41.5°+43.4°	Max non a G G=0.0

5.00	8.52	16	6		
4.00	6.82	26	9		
3.00	5.11	46	17		
2.00	3.41	103	37		
1.00	1.70	411	150		
H[m]	D[m]	Max lux	Med lux	Beta=41.0°+39.8°	Max non a G G=0.0