

Luminaire

Code T060230
Name COHERENCE 10° NRO

Measurement

Code FTS2500171
Name COHERENCE 10° NRO

Luminaire Flux	158 lm	Luminaire Power	9.5 W	Efficacy	16.607 lm/W	Efficiency	100.00%
Source Flux	158 lm	Maximum value	44078.09 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	50 mm	Height	235 mm		
Round Luminous Area		Diam.	32 mm	Height	0 mm		
Horizontal Luminous Area		0.000804 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°		0.000195 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		07-09-2020		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		158 lm	
LED Flux=415lm LED Power=7,6W Eff=38% EfcLed=55lm/W EfcLum=17lm/W CCT=3000K Ra=95 SDCM=3 L70(6k)=36000							
C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

Diam=50mm



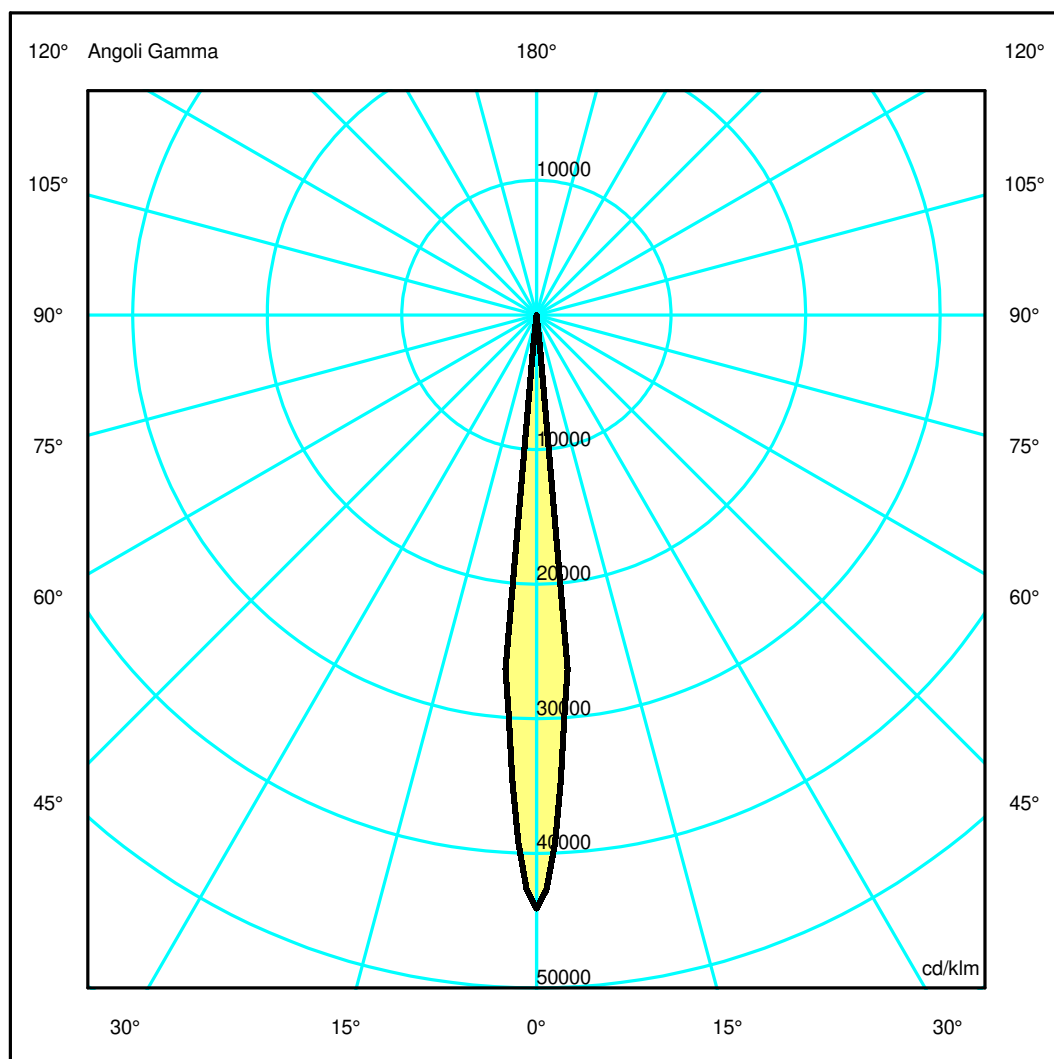
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurem.

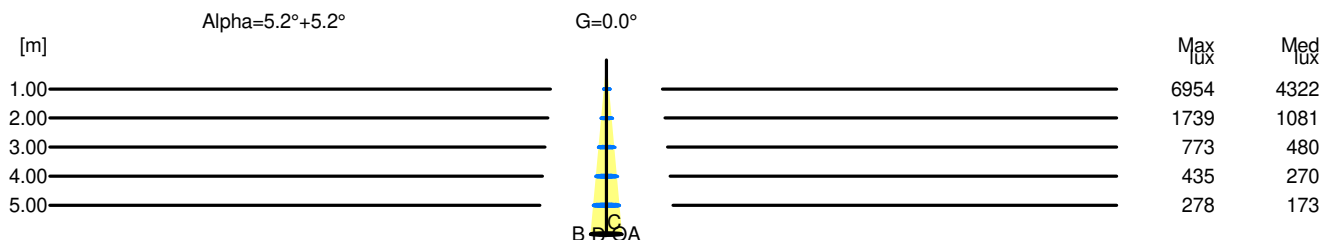
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Name COHERENCE 10° NRO

Luminaire Flux	158 lm	Luminaire Power	9.5 W	Efficacy	16.607 lm/W	Efficiency	100.00%
Source Flux	158 lm	Maximum value	44078.09 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Round Luminaire		Diam.	50 mm	Height	235 mm		
Round Luminous Area		Diam.	32 mm	Height	0 mm		
Horizontal Luminous Area		0.000804 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°		0.000195 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		07-09-2020		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		158 lm	
LED Flux=415lm LED Power=7,6W Eff=38% EfcLed=55lm/W EfcLum=17lm/W CCT=3000K Ra=95 SDCM=3 L70(6k)=36000							
C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.09	0.18	0.27	0.36	0.45	OC	0.09	0.18	0.27	0.36	0.45
OB	0.09	0.18	0.27	0.36	0.45	OD	0.09	0.18	0.27	0.36	0.45

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6954.20	4166.02	6.97	2.00	0.69	0.40	0.25	0.17	0.12	0.09
OB	6954.20	4166.02	6.97	2.00	0.69	0.40	0.25	0.17	0.12	0.09
OC	6954.20	4166.02	6.97	2.00	0.69	0.40	0.25	0.17	0.12	0.09
OD	6954.20	4166.02	6.97	2.00	0.69	0.40	0.25	0.17	0.12	0.09



H[m]	D[m]	Max lux	Med lux	Alpha=5.2°+5.2°	G=0.0
1.00	0.18	6954	4322		
2.00	0.36	1739	1081		
3.00	0.54	773	480		
4.00	0.73	435	270		
5.00	0.91	278	173		