

## Luminaire

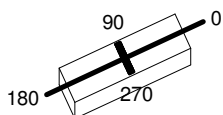
Code T082310  
Name CHILONE UP 16W 3000K ruggine

## Measurem.

Code FDS0000904  
Name CHILONE UP 16W 3000K ruggine

Luminaire Flux	515.00 lm	Luminaire Power	16.00 W	Efficacy	32.19 lm/W	Efficiency	100.00%
Lamps Flux	515.00 lm	Maximum value	614.27 cd/klm	Position	C=85.00 G=134.00	CG	Asymmetrical
Rectangular Luminaire		Length	50 mm	Width	170 mm	Height	200 mm
Rectangular Luminous Area		Length	50 mm	Width	170 mm	Height	0 mm
Horizontal Luminous Area	0.008500 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°			0.002056 m2
Coordinate system	CG			Symmetry Type			Asymmetrical
Date	17-12-2013			Maximum Gamma Angle			180
Measurement Distance	0.00			Measurement Flux			515.00 lm
lmax=604 cd/Klm - LED Flux=660 lm - LED Power=14.0 W - Eff=78 % - EfcLED=47 lm/W - EfcLum=32 lm/W Ra=80 Typ - SDCM=7 - Life=L70(10K)>35,500 ore							
C.I.E.	3 8 36 4 100			D DIN 5040	--		
F UTE	--			B NBN	BZ 10		

50mm x 170mm



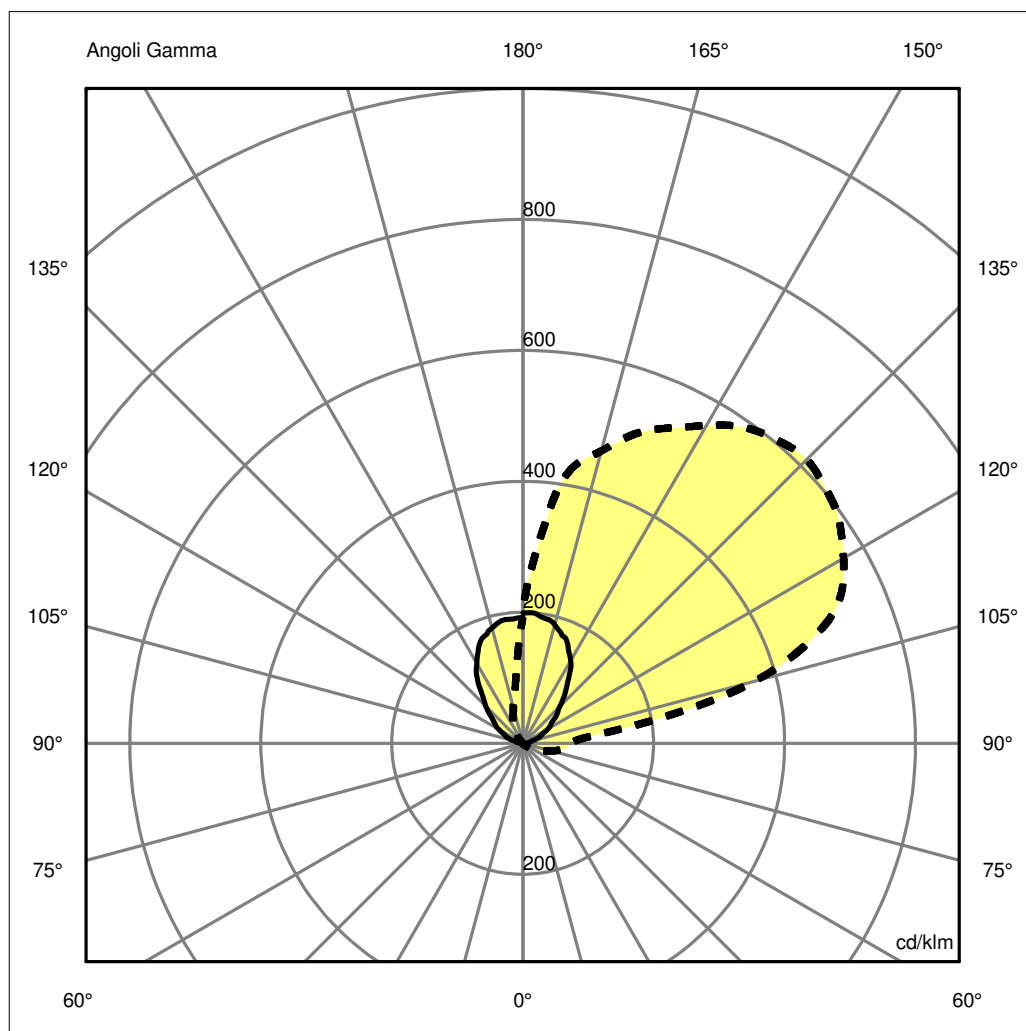
Semipiani C

180.0 ——— 0.0  
270.0 - - - - - 90.0

ULOR 95.89 %

DLOR 4.11 %

RN 95.89 %



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## Measur.

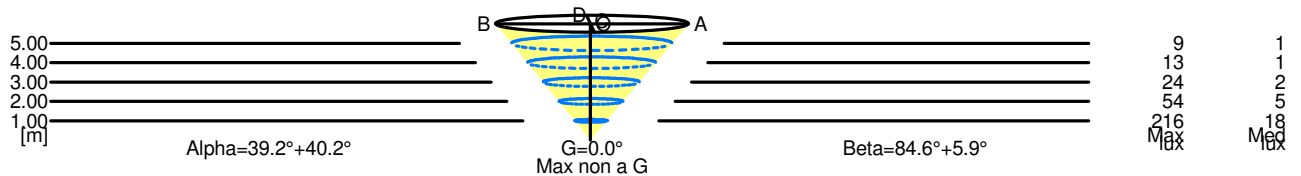
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### Width at 50.00 % of Max Intensity

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	0.85	1.69	2.54	3.38	4.23	OC	10.60	21.21	31.81	42.42	53.02
OB	0.82	1.63	2.45	3.26	4.08	OD	0.10	0.21	0.31	0.42	0.52

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	102.74	102.95	96.79	84.15	62.75	41.19	27.14	16.71	7.17	1.41
OB	98.90	98.16	93.97	82.64	62.63	41.17	26.80	16.09	6.91	1.21
OC	107.11	163.43	237.79	273.58	303.37	315.85	304.16	276.31	189.10	49.17
OD	98.85	57.16	28.85	18.23	6.77	0.15	0.00	0.00	0.00	0.53



5.00	8.31	9	1		
4.00	6.64	13	1		
3.00	4.98	24	2		
2.00	3.32	54	5		
1.00	1.66	216	18		
H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+40.2°	Max non a G G=0.0

5.00	53.55	9	1		
4.00	42.84	13	1		
3.00	32.13	24	2		
2.00	21.42	54	5		
1.00	10.71	216	18		
H[m]	D[m]	Max lux	Med lux	Beta=5.9°+84.6°	Max non a G G=0.0

**Luminaire**

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**Measurement**

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Lamps Flux	515.00 lm	Maximum value	614.27 cd/klm	Position	C=85.00 G=134.00	CG	Asymmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	0.1	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	0.5	0.7	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	0.6	0.9	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	0.8	1.0	0.4	< 0	< 0	< 0	< 0	0.4
x=8H y=4H	7.6	7.9	8.9	9.1	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	8.9	9.1	10.2	10.4	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	9.5	9.7	10.8	11.0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	10.1	10.3	11.4	11.5	1.7	< 0	< 0	< 0	< 0	1.7
x=12H y=4H	10.1	10.4	11.4	11.6	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	11.9	12.1	13.2	13.4	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	12.8	13.0	14.1	14.3	0.3	< 0	< 0	< 0	< 0	0.3