

Luminaire

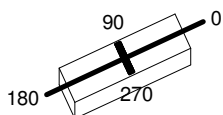
Code T082300
Name CHILONE UP 16W 3000K grigio bianco

Measur.

Code FDS0000903
Name CHILONE UP 16W 3000K grigio bianco

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 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.002056 m ²	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		17-12-2013		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		515.00 lm	
Imax=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



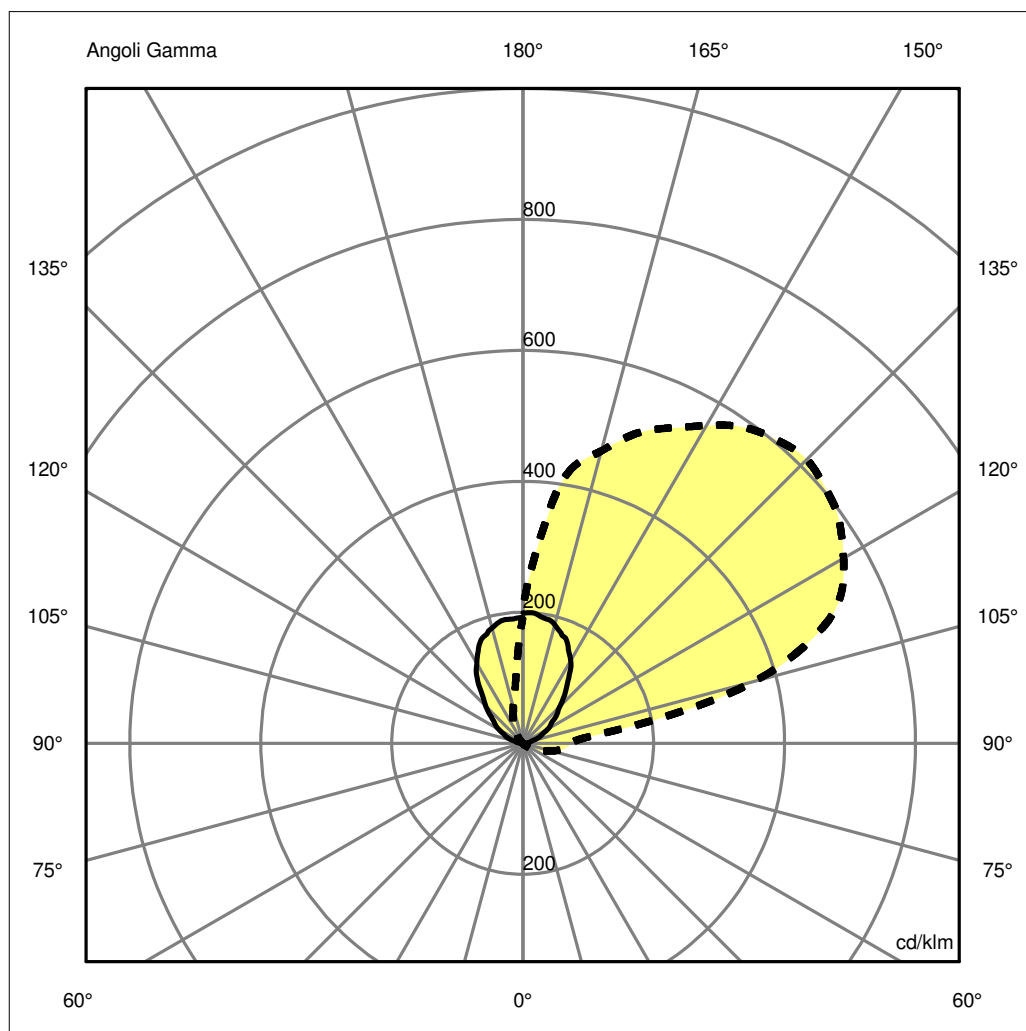
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 95.89 %

DLOR 4.11 %

RN 95.89 %



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Measurement

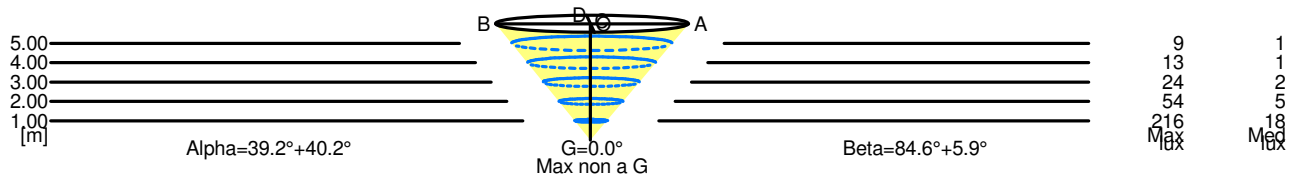
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Emitting area on Plane 90°	0.000000 m2			Glare area at 76°	0.002056 m2		
Coordinate system	CG			Symmetry Type	Asymmetrical		
Date	17-12-2013			Maximum Gamma Angle	180		
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Imax=604 cd/Klm - LED Flux=660 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		

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

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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