

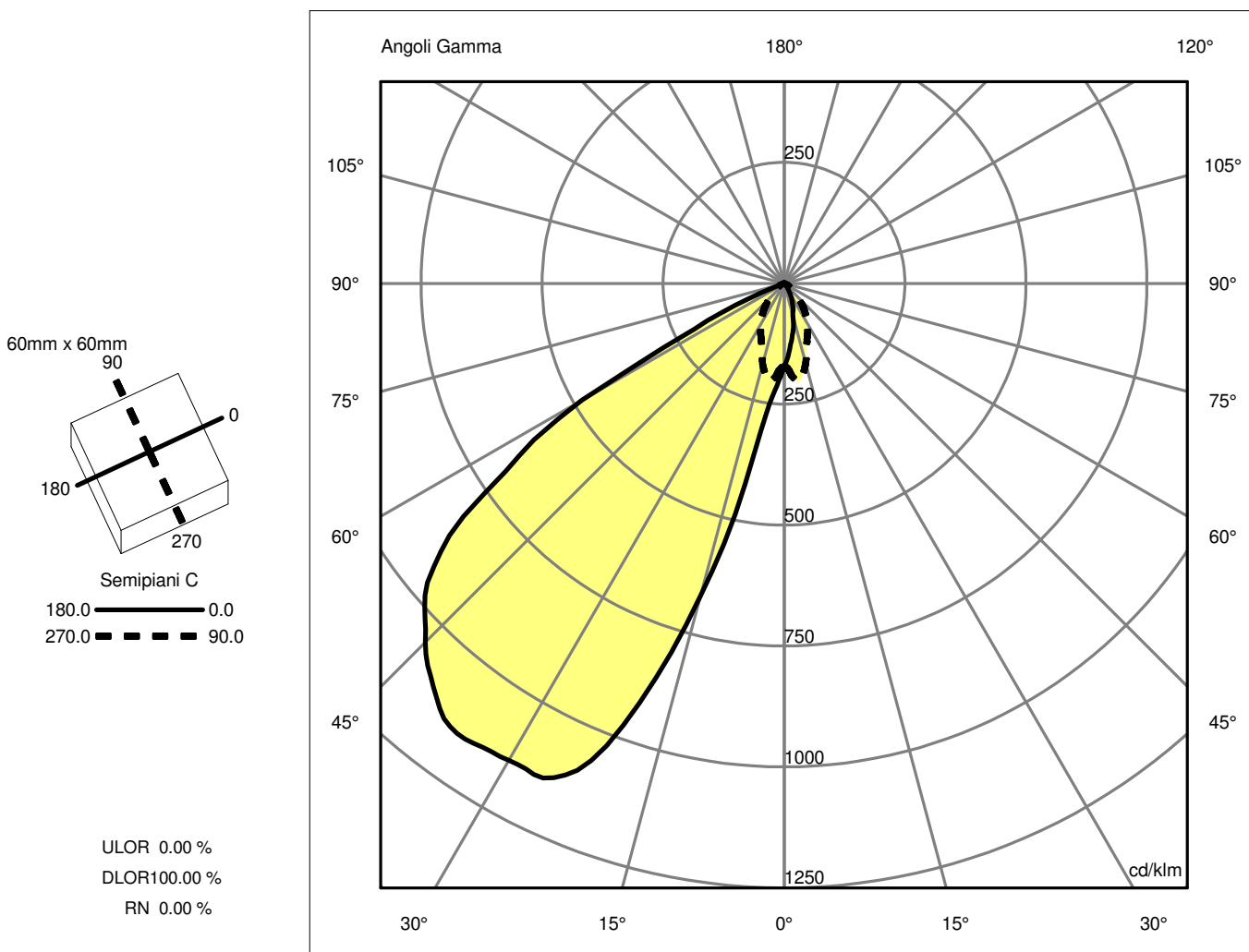
Luminaire

Code NL31019VTK004
Name Aria Micro 2W IP65 3000K nero

Measur.

Code FTS1400753
Name Aria Micro 2W IP65 3000K nero

Luminaire Flux	57.00 lm	Luminaire Power	2.70 W	Efficacy	21.11 lm/W	Efficiency	100.00%
Lamps Flux	57.00 lm	Maximum value	1181.80 cd/klm	Position	C=165.00 G=33.00	CG Sym. on planes 0-180	
Rectangular Luminaire		Length	60 mm	Width	60 mm	Height	26 mm
Rectangular Luminous Area		Length	30 mm	Width	25 mm	Height	0 mm
Horizontal Luminous Area	0.000750 m2	Emitting area on Plane 180°		Emitting area on Plane 270°		Emitting area on Plane 90°	
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Emitting area on Plane 90°	0.000181 m2
Emitting area on Plane 90°	0.000000 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Emitting area on Plane 90°	0.000181 m2
Coordinate system	CG	Symmetry Type	Sym. on planes 0-180	Maximum Gamma Angle	90	Measurement Flux	57.00 lm
Date	06-10-2014	Measurement Flux	57.00 lm				
Measurement Distance	0.00						
3000K - I _{max} =174 cd/Klm - LED Flux=165 lm - LED Power=2.3 W - Eff=34 % - EfcLED=72 lm/W - EfcLum=21 lm/W Ra=80 min - SDCM=4 - Life=L70(10K)>60,500 ore							
C.I.E.	53 95 100 100 100	D DIN 5040	A40				
F UTE	1.00 D	B NBN	BZ 4 / 1 / BZ 3				



Luminaire

Code NL31019VTK004
Name Aria Micro 2W IP65 3000K nero

Measurerm.

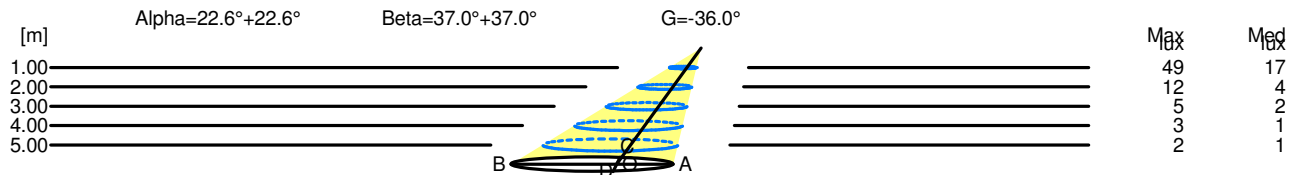
Code FTS1400753
Name Aria Micro 2W IP65 3000K nero

Luminaire Flux	57.00 lm	Luminaire Power	2.70 W	Efficacy	21.11 lm/W	Efficiency	100.00%
Lamps Flux	57.00 lm	Maximum value	1181.80 cd/klm	Position	C=165.00 G=33.00	CG Sym. on planes 0-180	
Rectangular Luminaire		Length	60 mm	Width	60 mm	Height	26 mm
Rectangular Luminous Area		Length	30 mm	Width	25 mm	Height	0 mm
Horizontal Luminous Area		0.000750 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°		0.000181 m2	
Coordinate system		CG		Symmetry Type		Sym. on planes 0-180	
Date		06-10-2014		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		57.00 lm	
3000K - I _{max} =174 cd/Klm - LED Flux=165 lm - LED Power=2.3 W - Eff=34 % - EfcLED=72 lm/W - EfcLum=21 lm/W Ra=80 min - SDCM=4 - Life=L70(10K)>60,500 ore							
C.I.E.	53 95 100 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 4 / 1 / BZ 3		

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	0.49	0.98	1.47	1.95	2.44	OC	0.93	1.86	2.79	3.72	4.65
OB	0.91	1.82	2.73	3.63	4.54	OD	0.93	1.86	2.79	3.72	4.65

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	9.94	7.67	3.95	2.16	0.74	0.41	0.18	0.07	0.01	0.00
OB	9.94	12.67	38.18	64.27	65.53	59.76	43.03	8.19	0.00	0.00
OC	9.79	11.03	9.81	6.57	4.41	1.98	0.89	0.36	0.05	0.00
OD	9.79	11.03	9.81	6.57	4.41	1.98	0.89	0.36	0.05	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=22.6°+22.6°	G=-36.0
1.00	1.40	49	17		
2.00	2.79	12	4		
3.00	4.19	5	2		
4.00	5.59	3	1		
5.00	6.99	2	1		

H[m]	D[m]	Max lux	Med lux	Beta=37.0°+37.0°	G=0.0
1.00	1.86	49	17		
2.00	3.72	12	4		
3.00	5.58	5	2		
4.00	7.44	3	1		
5.00	9.30	2	1		

Luminaire

Code NL31019VTK004
Name Aria Micro 2W IP65 3000K nero

Measurement

Code FTS1400753
Name Aria Micro 2W IP65 3000K nero

Luminaire Flux	57.00 lm	Luminaire Power	2.70 W	Efficacy	21.11 lm/W	Efficiency	100.00%
Lamps Flux	57.00 lm	Maximum value	1181.80 cd/klm	Position	C=165.00 G=33.00	CG	Sym. on planes 0-180

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	32.6	33.9	32.9	34.1	23.2	21.5	22.7	21.8	22.9	23.2
x=2H y=3H	32.6	33.7	32.9	33.9	23.0	21.4	22.4	21.7	22.7	23.0
x=2H y=4H	32.5	33.5	32.9	33.8	22.9	21.3	22.3	21.6	22.6	22.9
x=2H y=6H	32.5	33.4	32.8	33.7	22.7	21.2	22.1	21.6	22.4	22.7
x=2H y=8H	32.4	33.3	32.8	33.6	22.7	21.2	22.0	21.5	22.4	22.7
x=2H y=12H	32.4	33.2	32.7	33.5	22.6	21.1	22.0	21.5	22.3	22.6
x=4H y=2H	32.5	33.5	32.9	33.8	24.9	23.4	24.4	23.7	24.6	24.9
x=4H y=3H	32.5	33.3	32.9	33.7	24.7	23.2	24.0	23.6	24.4	24.7
x=4H y=4H	32.5	33.2	32.8	33.5	24.6	23.2	23.9	23.5	24.2	24.6
x=4H y=6H	32.4	33.0	32.8	33.4	24.5	23.1	23.7	23.5	24.1	24.5
x=4H y=8H	32.3	32.9	32.8	33.3	24.4	23.0	23.6	23.5	24.0	24.4
x=4H y=12H	32.3	32.8	32.8	33.2	24.4	23.0	23.5	23.5	23.9	24.4
x=8H y=4H	32.3	32.9	32.8	33.3	24.4	23.1	23.6	23.5	24.0	24.4
x=8H y=6H	32.3	32.7	32.7	33.2	24.3	23.0	23.5	23.4	23.9	24.3
x=8H y=8H	32.2	32.6	32.7	33.1	24.3	22.9	23.4	23.4	23.8	24.3
x=8H y=12H	32.2	32.5	32.7	33.0	24.2	22.9	23.3	23.4	23.7	24.2
x=12H y=4H	32.3	32.8	32.8	33.2	24.4	23.0	23.5	23.5	23.9	24.4
x=12H y=6H	32.2	32.6	32.7	33.1	24.3	22.9	23.4	23.4	23.8	24.3
x=12H y=8H	32.2	32.5	32.7	33.0	24.2	22.9	23.3	23.4	23.7	24.2