

Luminaire

Code AG05001
Name SMARTOFFICE SUSPENSION DIR + IND 2249mm 930 DARKLIGHT N/D WHITE

Measurem.

Code FTS1603402
Name SMARTOFFICE SUSPENSION DIR + IND 2249mm 930 DARKLIGHT N/D WHITE

Luminaire Flux	8662.40 lm	Luminaire Power	81.00 W	Efficacy	106.94 lm/W	Efficiency	100.00%
Lamps Flux	8662.40 lm	Maximum value	329.16 cd/klm	Position	C=50.00 G=4.00	CG Double Symmetrical	
Rectangular Luminaire		Length	2249 mm	Width	65 mm	Height	90 mm
Rectangular Luminous Area		Length	2199 mm	Width	55 mm	Height	0 mm
Horizontal Luminous Area		0.120945 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°		0.029259 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		8662.40 lm	
LED Flux=11388lm LED Power=66W Eff=76% EfcLed=173lm/W EfcLum=107lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	70 99 100 63 100			D DIN 5040	B51		
F UTE	0.63 C + 0.37 T			B NBN	BZ 2		

2249mm x 65mm



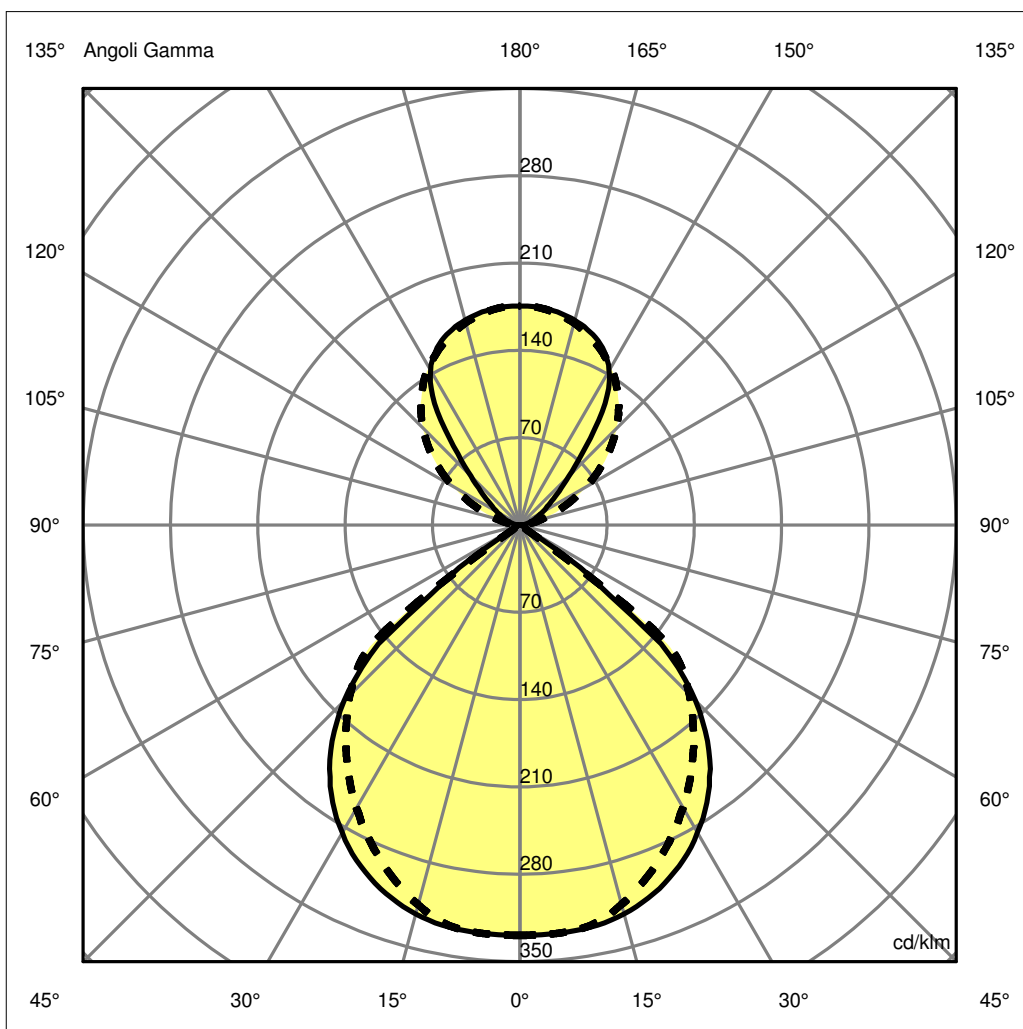
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 37.05 %

DLOR 62.95 %

RN 37.05 %



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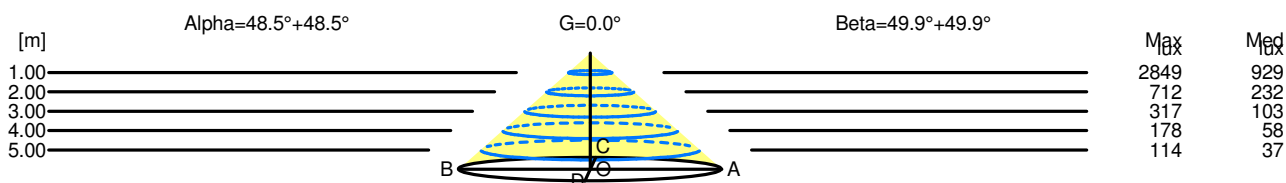
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.029259 m2	
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Date		26-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		8662.40 lm	
LED Flux=11388lm LED Power=66W Eff=76% EfcLed=173lm/W EfcLum=107lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	70 99 100 63 100			D DIN 5040	B51		
F UTE	0.63 C + 0.37 T			B NBN	BZ 2		

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	1.13	2.26	3.39	4.53	5.66	OC	1.19	2.38	3.56	4.75	5.94
OB	1.13	2.26	3.39	4.53	5.66	OD	1.19	2.38	3.56	4.75	5.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2848.93	2847.67	2794.96	2614.02	2281.77	1726.69	513.38	26.52	18.05	13.99
OB	2848.93	2847.67	2794.96	2614.02	2281.77	1726.69	513.38	26.52	18.05	13.99
OC	2848.93	2848.97	2729.86	2441.09	2078.83	1667.96	196.63	25.70	13.93	10.05
OD	2848.93	2848.97	2729.86	2441.09	2078.83	1667.96	196.63	25.70	13.93	10.05



H[m]	D[m]	Max lux	Med lux	Alpha=48.5°+48.5°	G=0.0
1.00	2.26	2849	929		
2.00	4.53	712	232		
3.00	6.79	317	103		
4.00	9.05	178	58		
5.00	11.31	114	37		

H[m]	D[m]	Max lux	Med lux	Beta=49.9°+49.9°	G=0.0
1.00	2.38	2849	929		
2.00	4.75	712	232		
3.00	7.13	317	103		
4.00	9.50	178	58		
5.00	11.88	114	37		

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Lamps Flux	8662.40 lm	Maximum value	329.16 cd/klm	Position	C=50.00 G=4.00	CG	Double Symmetrical

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	17.4	18.1	18.1	18.8	19.7	17.3	18.1	18.1	18.8	19.7
x=2H y=3H	17.1	17.8	17.9	18.5	19.4	17.1	17.8	17.9	18.5	19.4
x=2H y=4H	17.0	17.6	17.8	18.4	19.3	17.0	17.6	17.7	18.3	19.3
x=2H y=6H	16.9	17.4	17.7	18.2	19.2	16.8	17.4	17.7	18.2	19.2
x=2H y=8H	16.8	17.3	17.6	18.1	19.1	16.8	17.3	17.6	18.1	19.1
x=2H y=12H	16.8	17.3	17.6	18.1	19.0	16.7	17.2	17.5	18.0	19.0
x=4H y=2H	17.1	17.7	17.9	18.5	19.4	17.0	17.6	17.8	18.4	19.4
x=4H y=3H	16.8	17.3	17.7	18.2	19.1	16.8	17.3	17.6	18.1	19.1
x=4H y=4H	16.7	17.1	17.6	18.0	19.0	16.7	17.1	17.5	17.9	19.0
x=4H y=6H	16.6	17.0	17.5	17.8	18.8	16.5	16.9	17.4	17.8	18.8
x=4H y=8H	16.5	16.9	17.4	17.7	18.8	16.5	16.8	17.4	17.7	18.8
x=4H y=12H	16.5	16.8	17.4	17.7	18.7	16.4	16.7	17.3	17.6	18.7
x=8H y=4H	16.5	16.8	17.4	17.7	18.7	16.5	16.8	17.3	17.7	18.7
x=8H y=6H	16.4	16.7	17.3	17.6	18.6	16.3	16.6	17.2	17.5	18.6
x=8H y=8H	16.3	16.6	17.3	17.5	18.6	16.3	16.5	17.2	17.4	18.6
x=8H y=12H	16.3	16.5	17.2	17.4	18.5	16.2	16.4	17.1	17.3	18.5
x=12H y=4H	16.4	16.7	17.3	17.6	18.7	16.4	16.7	17.3	17.6	18.7
x=12H y=6H	16.3	16.6	17.2	17.5	18.6	16.3	16.5	17.2	17.4	18.6
x=12H y=8H	16.3	16.5	17.2	17.4	18.5	16.2	16.4	17.1	17.3	18.5