

Luminaire

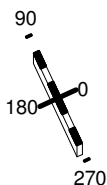
Code AG00001
Name SMARTOFFICE SUSPENSION DIR + IND 1129mm 930 DARKLIGHT N/D WHITE

Measurem.

Code FTS1603398
Name SMARTOFFICE SUSPENSION DIR + IND 1129mm 930 DARKLIGHT N/D WHITE

Luminaire Flux	4331.20 lm	Luminaire Power	37.00 W	Efficacy	117.06 lm/W	Efficiency	100.00%
Lamps Flux	4331.20 lm	Maximum value	329.16 cd/klm	Position	C=50.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1130 mm	Width	65 mm	Height	90 mm
Rectangular Luminous Area		Length	1080 mm	Width	55 mm	Height	0 mm
Horizontal Luminous Area		0.059400 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°		0.014370 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		26-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4331.20 lm	
LED Flux=5694lm LED Power=33,3W Eff=76% EfcLed=171lm/W EfcLum=117lm/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		

1130mm x 65mm



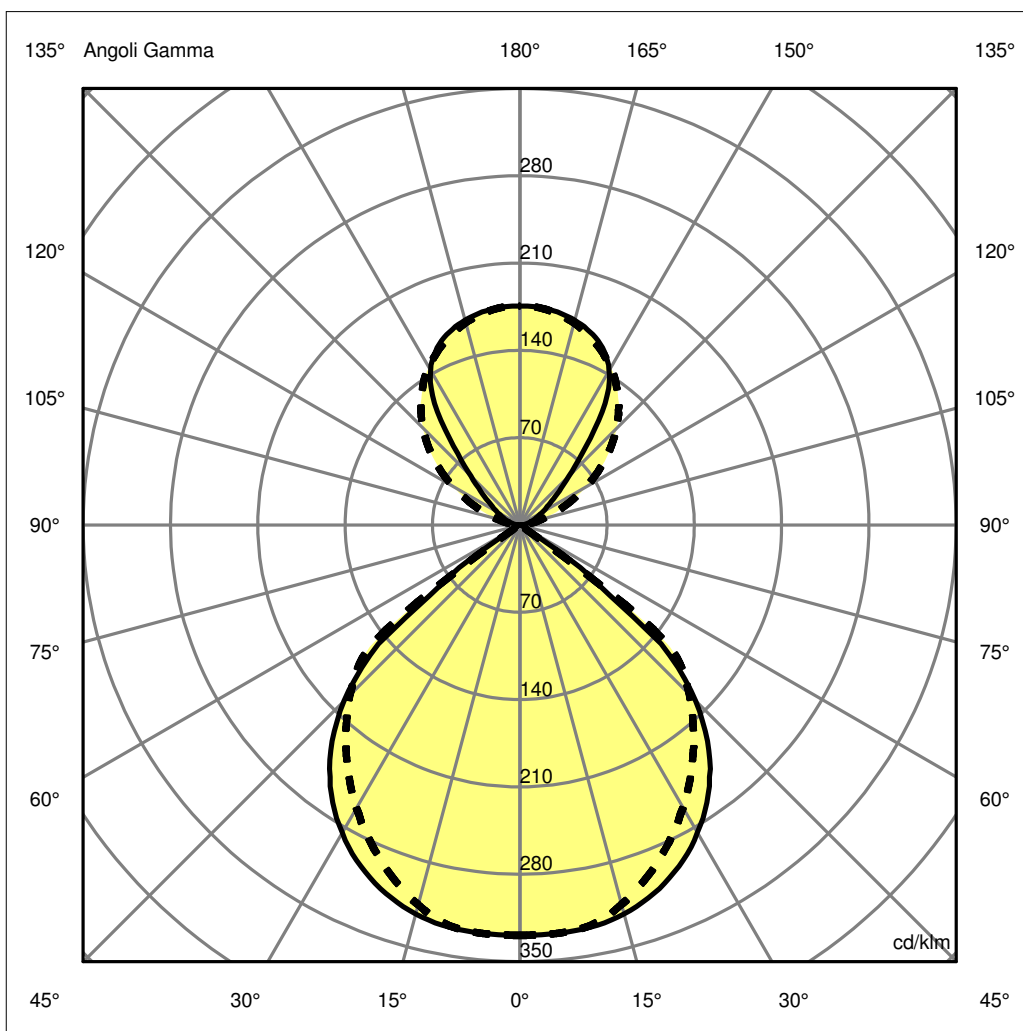
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 37.05 %

DLOR 62.95 %

RN 37.05 %



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Measurment

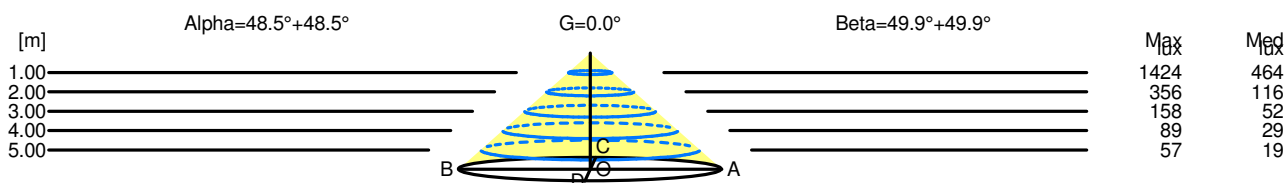
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LED Flux=5694lm LED Power=33,3W Eff=76% EfcLed=171lm/W EfcLum=117lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	70 99 100 63 100			D DIN 5040	B51		
F UTE	0.63 C + 0.37 T			B NBN	BZ 2		

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	1424.47	1423.84	1397.48	1307.01	1140.89	863.34	256.69	13.26	9.02	6.99
OB	1424.47	1423.84	1397.48	1307.01	1140.89	863.34	256.69	13.26	9.02	6.99
OC	1424.47	1424.48	1364.93	1220.55	1039.42	833.98	98.32	12.85	6.96	5.02
OD	1424.47	1424.48	1364.93	1220.55	1039.42	833.98	98.32	12.85	6.96	5.02



H[m]	D[m]	Max lux	Med lux	Alpha=48.5°+48.5°	G=0.0
1.00	2.26	1424	464		
2.00	4.53	356	116		
3.00	6.79	158	52		
4.00	9.05	89	29		
5.00	11.31	57	19		

H[m]	D[m]	Max lux	Med lux	Beta=49.9°+49.9°	G=0.0
1.00	2.38	1424	464		
2.00	4.75	356	116		
3.00	7.13	158	52		
4.00	9.50	89	29		
5.00	11.88	57	19		

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Lamps Flux	4331.20 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										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H
x=2H y=2H	17.4	18.2	18.2	18.9	19.7	17.4	18.1	18.1	18.9	19.7
x=2H y=3H	17.2	17.8	18.0	18.6	19.5	17.1	17.8	17.9	18.6	19.5
x=2H y=4H	17.1	17.7	17.8	18.4	19.4	17.0	17.6	17.8	18.4	19.4
x=2H y=6H	16.9	17.5	17.8	18.3	19.2	16.9	17.5	17.7	18.3	19.2
x=2H y=8H	16.9	17.4	17.7	18.2	19.1	16.8	17.4	17.7	18.2	19.1
x=2H y=12H	16.8	17.3	17.7	18.1	19.1	16.8	17.3	17.6	18.1	19.1
x=4H y=2H	17.1	17.8	17.9	18.5	19.4	17.1	17.7	17.9	18.5	19.4
x=4H y=3H	16.9	17.4	17.7	18.2	19.2	16.9	17.4	17.7	18.2	19.2
x=4H y=4H	16.8	17.2	17.6	18.0	19.0	16.7	17.2	17.6	18.0	19.0
x=4H y=6H	16.6	17.0	17.5	17.9	18.9	16.6	17.0	17.5	17.8	18.9
x=4H y=8H	16.6	16.9	17.5	17.8	18.8	16.5	16.9	17.4	17.7	18.8
x=4H y=12H	16.5	16.8	17.4	17.7	18.7	16.5	16.8	17.4	17.7	18.7
x=8H y=4H	16.6	16.9	17.5	17.8	18.8	16.5	16.9	17.4	17.7	18.8
x=8H y=6H	16.4	16.7	17.4	17.6	18.7	16.4	16.7	17.3	17.6	18.7
x=8H y=8H	16.4	16.6	17.3	17.5	18.6	16.3	16.6	17.3	17.5	18.6
x=8H y=12H	16.3	16.6	17.3	17.5	18.6	16.3	16.5	17.2	17.4	18.6
x=12H y=4H	16.5	16.8	17.4	17.7	18.7	16.4	16.8	17.4	17.6	18.7
x=12H y=6H	16.4	16.6	17.3	17.5	18.6	16.3	16.6	17.2	17.5	18.6
x=12H y=8H	16.3	16.5	17.3	17.5	18.6	16.3	16.5	17.2	17.4	18.6