

Luminaire

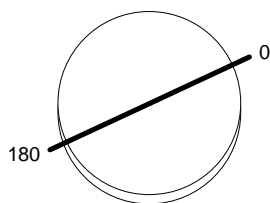
Code M057781_W+M057600
Name CATA TW SOFFITTO DIMM DALI + OTTICA FLOOD _ warm light

Measurem.

Code FTS1601969
Name CATA TW SOFFITTO DIMM DALI + OTTICA FLOOD _ warm light

Luminaire Flux	374.62 lm	Luminaire Power	23.00 W	Efficacy	16.29 lm/W	Efficiency	100.00%
Lamps Flux	374.62 lm	Maximum value	9112.71 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	130 mm	Height	200 mm		
Round Luminous Area		Diam.	125 mm	Height	70 mm		
Horizontal Luminous Area		0.012272 m2		Emitting area on Plane 180°		0.008750 m2	
Emitting area on Plane 0°		0.008750 m2		Emitting area on Plane 270°		0.008750 m2	
Emitting area on Plane 90°		0.008750 m2		Glare area at 76°		0.011459 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		31-05-2016		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		374.62 lm	
LED Flux=1330lm LED Power=17W Eff=28% EfcLed=78lm/W EfcLum=16lm/W Ra=90 SDCM=4 L70(6K)=50000h							
C.I.E.	90 92 96 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

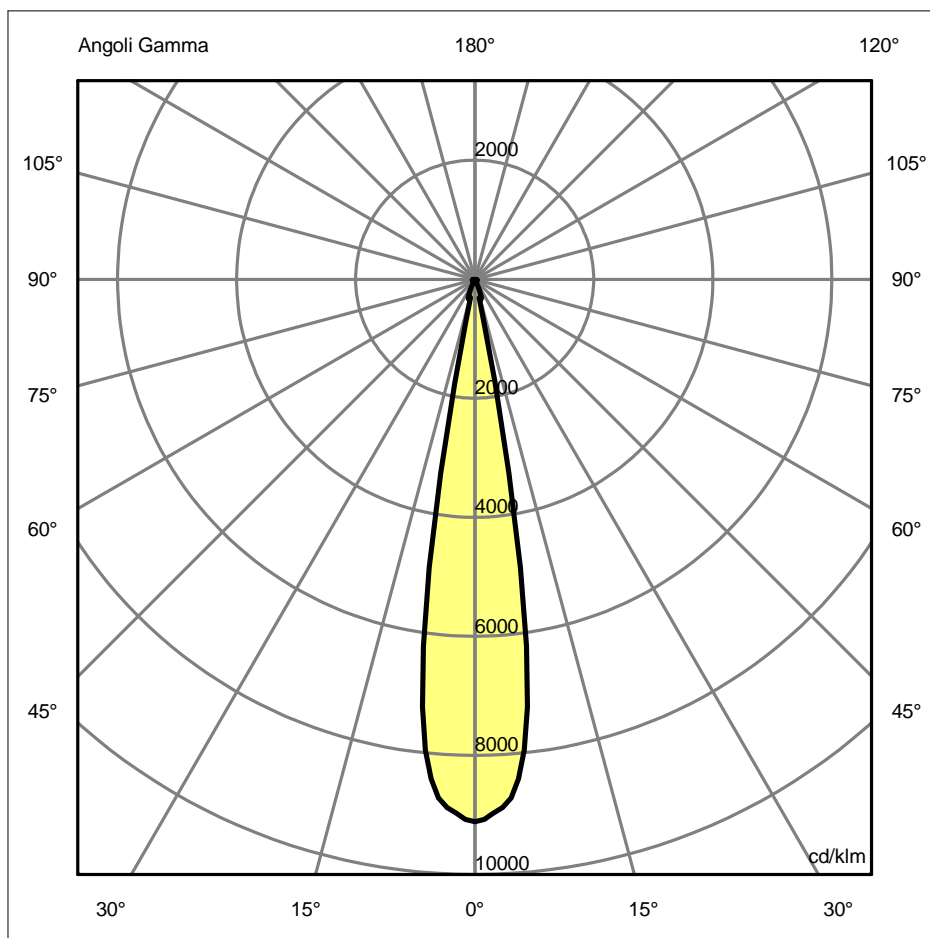
Diam=130mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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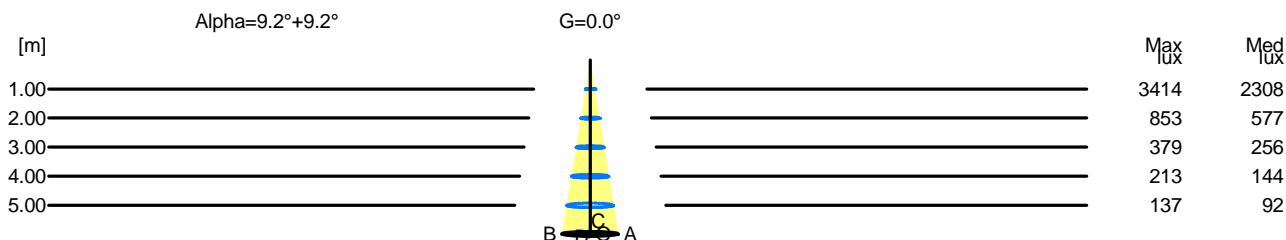
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Emitting area on Plane 90°		0.008750 m2		Glare area at 76°		0.011459 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		31-05-2016		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		374.62 lm	
LED Flux=1330lm LED Power=17W Eff=28% EfcLed=78lm/W EfcLum=16lm/W Ra=90 SDCM=4 L70(6K)=50000h							
C.I.E.	90 92 96 100 100			D DIN 5040		A60	
F UTE	1.00 A			B NBN		BZ 1	

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	0.16	0.32	0.49	0.65	0.81	OC	0.16	0.32	0.49	0.65	0.81
OB	0.16	0.32	0.49	0.65	0.81	OD	0.16	0.32	0.49	0.65	0.81

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	3413.80	3155.73	121.46	36.10	9.87	5.10	5.49	6.39	17.38	7.92
OB	3413.80	3155.73	121.46	36.10	9.87	5.10	5.49	6.39	17.38	7.92
OC	3413.80	3155.73	121.46	36.10	9.87	5.10	5.49	6.39	17.38	7.92
OD	3413.80	3155.73	121.46	36.10	9.87	5.10	5.49	6.39	17.38	7.92



H[m]	D[m]	Max lux	Med lux	Alpha=9.2°+9.2°	G=0.0
1.00	0.32	3414	2308		
2.00	0.65	853	577		
3.00	0.97	379	256		
4.00	1.30	213	144		
5.00	1.62	137	92		

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Measur.

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Luminaire Flux	374.62 lm	Luminaire Power	23.00 W	Efficacy	16.29 lm/W	Efficiency	100.00%
Lamps Flux	374.62 lm	Maximum value	9112.71 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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				
	1.3	2.1	1.6	2.3	2.5	1.3	2.1	1.6	2.3	2.5
x=2H y=2H	6.6	7.3	6.8	7.5	7.7	6.6	7.3	6.8	7.5	7.7
x=2H y=3H	10.6	11.2	10.9	11.5	11.8	10.6	11.2	10.9	11.5	11.8
x=2H y=4H	12.2	12.8	12.5	13.1	13.4	12.2	12.8	12.5	13.1	13.4
x=2H y=6H	12.6	13.2	13.0	13.5	13.8	12.6	13.2	13.0	13.5	13.8
x=2H y=8H	13.1	13.7	13.4	13.9	14.3	13.1	13.7	13.4	13.9	14.3
x=4H y=2H	2.8	3.5	3.1	3.8	4.0	2.8	3.5	3.1	3.8	4.0
x=4H y=3H	8.6	9.2	9.0	9.5	9.9	8.6	9.2	9.0	9.5	9.9
x=4H y=4H	12.5	13.0	12.8	13.3	13.7	12.5	13.0	12.8	13.3	13.7
x=4H y=6H	13.9	14.4	14.4	14.7	15.1	13.9	14.4	14.4	14.7	15.1
x=4H y=8H	14.4	14.8	14.9	15.2	15.6	14.4	14.8	14.9	15.2	15.6
x=8H y=2H	14.9	15.3	15.3	15.7	16.1	14.9	15.3	15.3	15.7	16.1
x=8H y=4H	13.5	13.9	14.0	14.3	14.7	13.5	13.9	14.0	14.3	14.7
x=8H y=6H	14.9	15.2	15.4	15.6	16.1	14.9	15.2	15.4	15.6	16.1
x=8H y=8H	15.5	15.8	16.0	16.2	16.7	15.5	15.8	16.0	16.2	16.7
x=12H y=2H	16.1	16.3	16.5	16.7	17.2	16.1	16.3	16.5	16.7	17.2
x=12H y=4H	13.6	13.9	14.0	14.3	14.8	13.6	13.9	14.0	14.3	14.8
x=12H y=6H	15.0	15.3	15.5	15.8	16.2	15.0	15.3	15.5	15.8	16.2
x=12H y=8H	15.7	15.9	16.2	16.4	16.9	15.7	15.9	16.2	16.4	16.9