

Luminaire

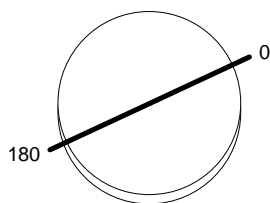
Code M057783_N+M057600
Name CATA TW BINARIO DIMM DALI + OTTICA FLOOD _ cold light

Measurem.

Code FTS1601966
Name CATA TW BINARIO DIMM DALI + OTTICA FLOOD _ cold light

Luminaire Flux	417.59 lm	Luminaire Power	23.00 W	Efficacy	18.16 lm/W	Efficiency	100.00%
Lamps Flux	417.59 lm	Maximum value	10203.86 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	130 mm	Height	170 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		01-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		417.59 lm	
LED Flux=1410lm LED Power=17W Eff=30% EfcLed=83lm/W EfcLum=18lm/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		

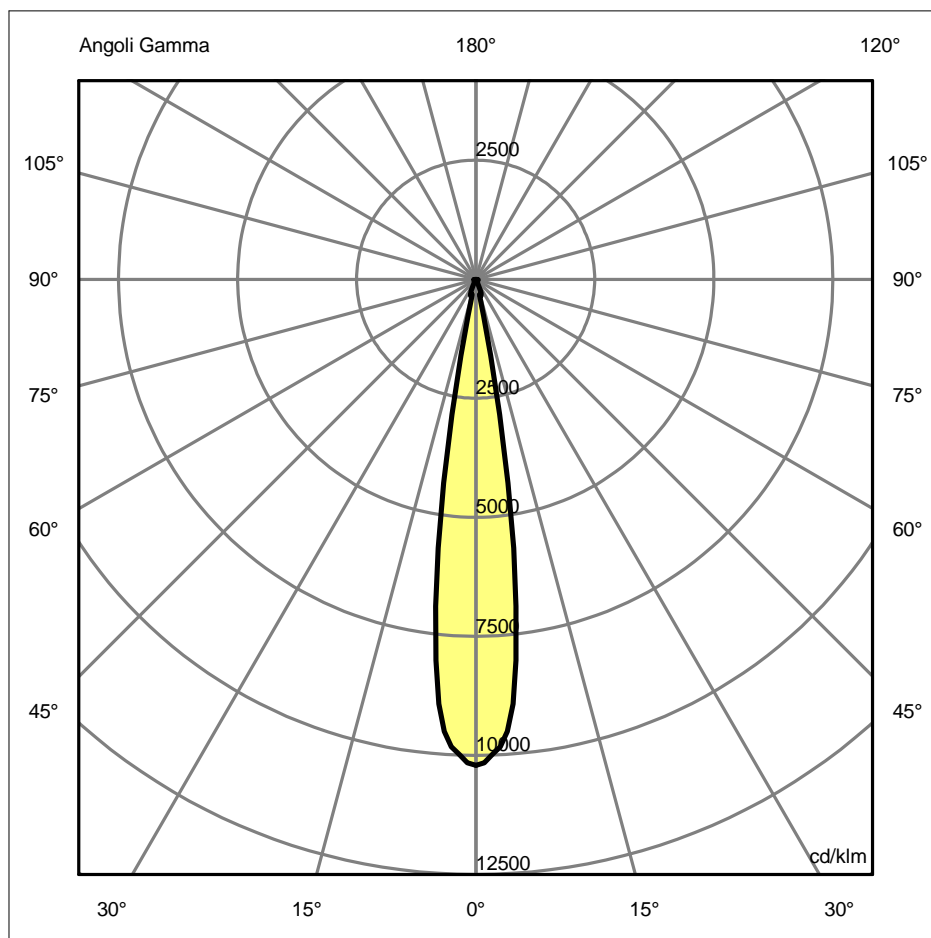
Diam=130mm



Semipiani C

180.0 ——— 0.0

ULOR 0.03 %
DLOR 99.97 %
RN 0.03 %



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Measurement

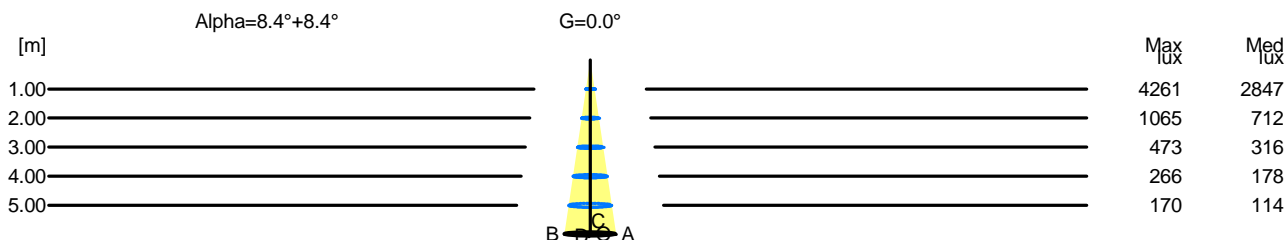
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Emitting area on Plane 90°		0.008750 m2		Glare area at 76°		0.011459 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
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Measurement Distance		0.00		Measurement Flux		417.59 lm	
LED Flux=1410lm LED Power=17W Eff=30% EfcLed=83lm/W EfcLum=18lm/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	0.15	0.30	0.44	0.59	0.74	OC	0.15	0.30	0.44	0.59	0.74
OB	0.15	0.30	0.44	0.59	0.74	OD	0.15	0.30	0.44	0.59	0.74

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4261.03	3736.12	142.57	43.87	10.50	5.79	6.47	7.38	20.27	8.58
OB	4261.03	3736.12	142.57	43.87	10.50	5.79	6.47	7.38	20.27	8.58
OC	4261.03	3736.12	142.57	43.87	10.50	5.79	6.47	7.38	20.27	8.58
OD	4261.03	3736.12	142.57	43.87	10.50	5.79	6.47	7.38	20.27	8.58



H[m]	D[m]	Max lux	Med lux	Alpha=8.4°+8.4°	G=0.0
1.00	0.30	4261	2847		
2.00	0.59	1065	712		
3.00	0.89	473	316		
4.00	1.19	266	178		
5.00	1.48	170	114		

Luminaire

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Name CATA TW BINARIO DIMM DALI + OTTICA FLOOD _ cold light

Measur.

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Luminaire Flux	417.59 lm	Luminaire Power	23.00 W	Efficacy	18.16 lm/W	Efficiency	100.00%
Lamps Flux	417.59 lm	Maximum value	10203.86 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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	1.8	2.6	2.1	2.8	3.0	1.8	2.6	2.1	2.8	3.0
x=2H y=3H	7.2	7.9	7.5	8.2	8.4	7.2	7.9	7.5	8.2	8.4
x=2H y=4H	11.2	11.9	11.5	12.1	12.4	11.2	11.9	11.5	12.1	12.4
x=2H y=6H	12.6	13.3	13.0	13.6	13.9	12.6	13.3	13.0	13.6	13.9
x=2H y=8H	13.1	13.7	13.5	14.0	14.3	13.1	13.7	13.5	14.0	14.3
x=2H y=12H	13.5	14.1	13.9	14.4	14.7	13.5	14.1	13.9	14.4	14.7
x=4H y=2H	3.4	4.1	3.8	4.4	4.7	3.4	4.1	3.8	4.4	4.7
x=4H y=3H	9.3	9.9	9.7	10.2	10.5	9.3	9.9	9.7	10.2	10.5
x=4H y=4H	13.1	13.6	13.4	13.9	14.3	13.1	13.6	13.4	13.9	14.3
x=4H y=6H	14.4	14.9	14.8	15.2	15.6	14.4	14.9	14.8	15.2	15.6
x=4H y=8H	14.9	15.3	15.3	15.7	16.1	14.9	15.3	15.3	15.7	16.1
x=4H y=12H	15.3	15.7	15.8	16.1	16.5	15.3	15.7	15.8	16.1	16.5
x=8H y=4H	14.1	14.5	14.5	14.9	15.3	14.1	14.5	14.5	14.9	15.3
x=8H y=6H	15.4	15.7	15.8	16.1	16.6	15.4	15.7	15.8	16.1	16.6
x=8H y=8H	16.0	16.2	16.4	16.7	17.1	16.0	16.2	16.4	16.7	17.1
x=8H y=12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
x=12H y=4H	14.1	14.5	14.6	14.9	15.3	14.1	14.5	14.6	14.9	15.3
x=12H y=6H	15.5	15.8	16.0	16.2	16.7	15.5	15.8	16.0	16.2	16.7
x=12H y=8H	16.2	16.4	16.7	16.8	17.4	16.2	16.4	16.7	16.8	17.4