

Luminaire

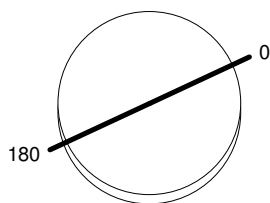
Code M038700
Name RASTAF 86 LED tondo fisso WIDE FLOOD 3000K

Measurerm.

Code FTS1602539
Name RASTAF 86 LED tondo fisso WIDE FLOOD 3000K

Luminaire Flux	324.50 lm	Luminaire Power	12.00 W	Efficacy	27.04 lm/W	Efficiency	100.00%
Lamps Flux	324.50 lm	Maximum value	2088.41 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 85 mm Diam. 35 mm	Height	100 mm	Height	0 mm		
Horizontal Luminous Area	0.000962 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Emitting area on Plane 90°	0.000233 m2
Coordinate system	CG	Symmetry Type	90	Measurement Distance	0.00	Maximum Gamma Angle	90
Date	02-03-2015	Measurement Flux	324.50 lm				
LED Flux=1375lm LED Power=12W Eff=23,6% EfcLed=115lm/W EfcLum=27lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	93 98 99 100 100	D DIN 5040	A60				
F UTE	1.00 A	B NBN	BZ 1				

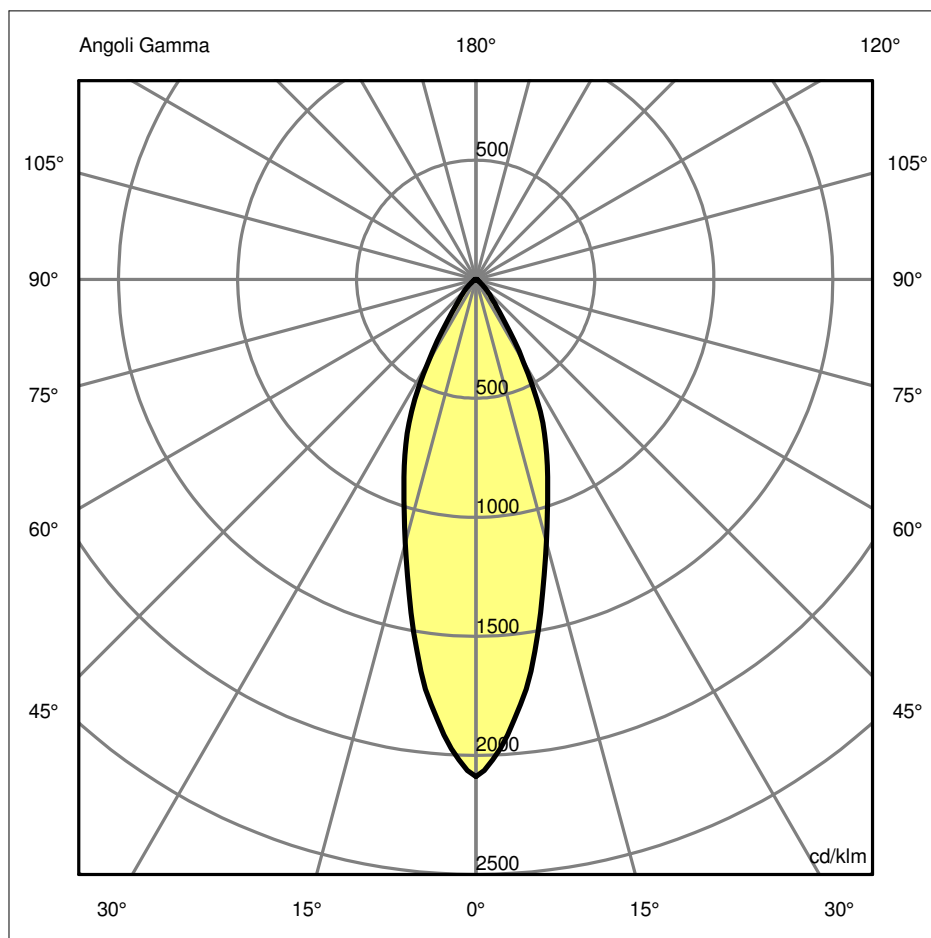
Diam=85mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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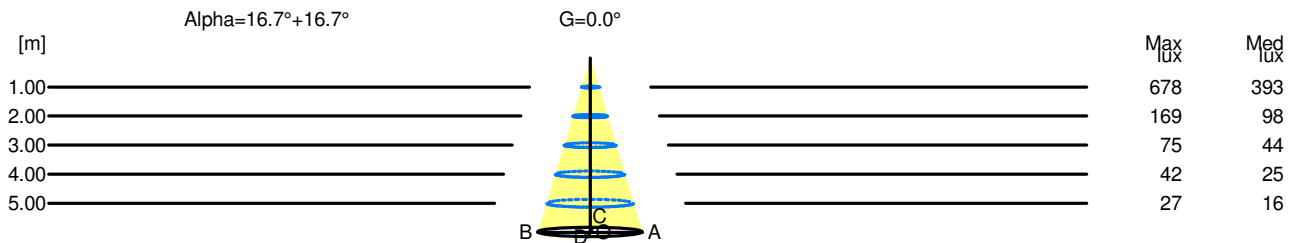
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Luminaire Flux	324.50 lm	Luminaire Power	12.00 W	Efficacy	27.04 lm/W	Efficiency	100.00%
Lamps Flux	324.50 lm	Maximum value	2088.41 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	85 mm	Height	100 mm		
Round Luminous Area		Diam.	35 mm	Height	0 mm		
Horizontal Luminous Area	0.000962 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°		0.000233 m2	
Coordinate system	CG			Symmetry Type		Rotosymmetrical	
Date	02-03-2015			Maximum Gamma Angle		90	
Measurement Distance	0.00			Measurement Flux		324.50 lm	
LED Flux=1375lm LED Power=12W Eff=23,6% EfcLed=115lm/W EfcLum=27lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	93 98 99 100 100			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	0.30	0.60	0.90	1.20	1.50	OC	0.30	0.60	0.90	1.20	1.50
OB	0.30	0.60	0.90	1.20	1.50	OD	0.30	0.60	0.90	1.20	1.50

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	677.69	601.95	371.15	215.69	62.99	20.47	6.44	2.54	1.79	1.73
OB	677.69	601.95	371.15	215.69	62.99	20.47	6.44	2.54	1.79	1.73
OC	677.69	601.95	371.15	215.69	62.99	20.47	6.44	2.54	1.79	1.73
OD	677.69	601.95	371.15	215.69	62.99	20.47	6.44	2.54	1.79	1.73



H[m]	D[m]	Max lux	Med lux	Alpha=16.7°+16.7°	G=0.0
1.00	0.60	678	393		
2.00	1.20	169	98		
3.00	1.80	75	44		
4.00	2.40	42	25		
5.00	3.00	27	16		

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Luminaire Flux	324.50 lm	Luminaire Power	12.00 W	Efficacy	27.04 lm/W	Efficiency	100.00%
Lamps Flux	324.50 lm	Maximum value	2088.41 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	18.2	18.9	18.4	19.1	19.3	18.2	18.9	18.4	19.1	19.3
x=2H y=3H	18.3	18.9	18.6	19.2	19.4	18.3	18.9	18.6	19.2	19.4
x=2H y=4H	18.4	19.0	18.7	19.2	19.5	18.4	19.0	18.7	19.2	19.5
x=2H y=6H	18.6	19.1	18.9	19.4	19.7	18.6	19.1	18.9	19.4	19.7
x=2H y=8H	18.8	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9
x=2H y=12H	19.2	19.7	19.5	20.0	20.3	19.2	19.7	19.5	20.0	20.3
x=4H y=2H	18.1	18.7	18.4	19.0	19.2	18.1	18.7	18.4	19.0	19.2
x=4H y=3H	18.3	18.8	18.6	19.1	19.4	18.3	18.8	18.6	19.1	19.4
x=4H y=4H	18.5	18.9	18.8	19.2	19.6	18.5	18.9	18.8	19.2	19.6
x=4H y=6H	18.9	19.3	19.3	19.6	20.0	18.9	19.3	19.3	19.6	20.0
x=4H y=8H	19.3	19.6	19.7	20.0	20.4	19.3	19.6	19.7	20.0	20.4
x=4H y=12H	19.8	20.1	20.3	20.5	20.9	19.8	20.1	20.3	20.5	20.9
x=8H y=4H	18.6	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
x=8H y=6H	19.2	19.4	19.6	19.8	20.3	19.2	19.4	19.6	19.8	20.3
x=8H y=8H	19.7	19.9	20.2	20.4	20.9	19.7	19.9	20.2	20.4	20.9
x=8H y=12H	20.5	20.7	21.0	21.2	21.7	20.5	20.7	21.0	21.2	21.7
x=12H y=4H	18.6	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
x=12H y=6H	19.3	19.5	19.7	19.9	20.4	19.3	19.5	19.7	19.9	20.4
x=12H y=8H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1