

Luminaire

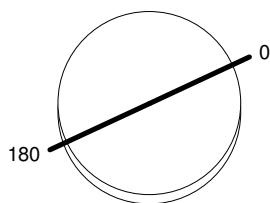
Code M038705
Name Rastaf 86 LED tondo orientabile - wide flood - 3000K

Measurerm.

Code FTS1602543
Name Rastaf 86 LED tondo orientabile - 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 Emitting area on Plane 0° Emitting area on Plane 90°	0.000962 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000000 m2 0.000000 m2 0.000233 m2				
Coordinate system Date Measurement Distance	CG 02-03-2015 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Rotosymmetrical 90 324.50 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. F UTE	93 98 99 100 100 1.00 A	D DIN 5040 B NBN	A60 BZ 1				

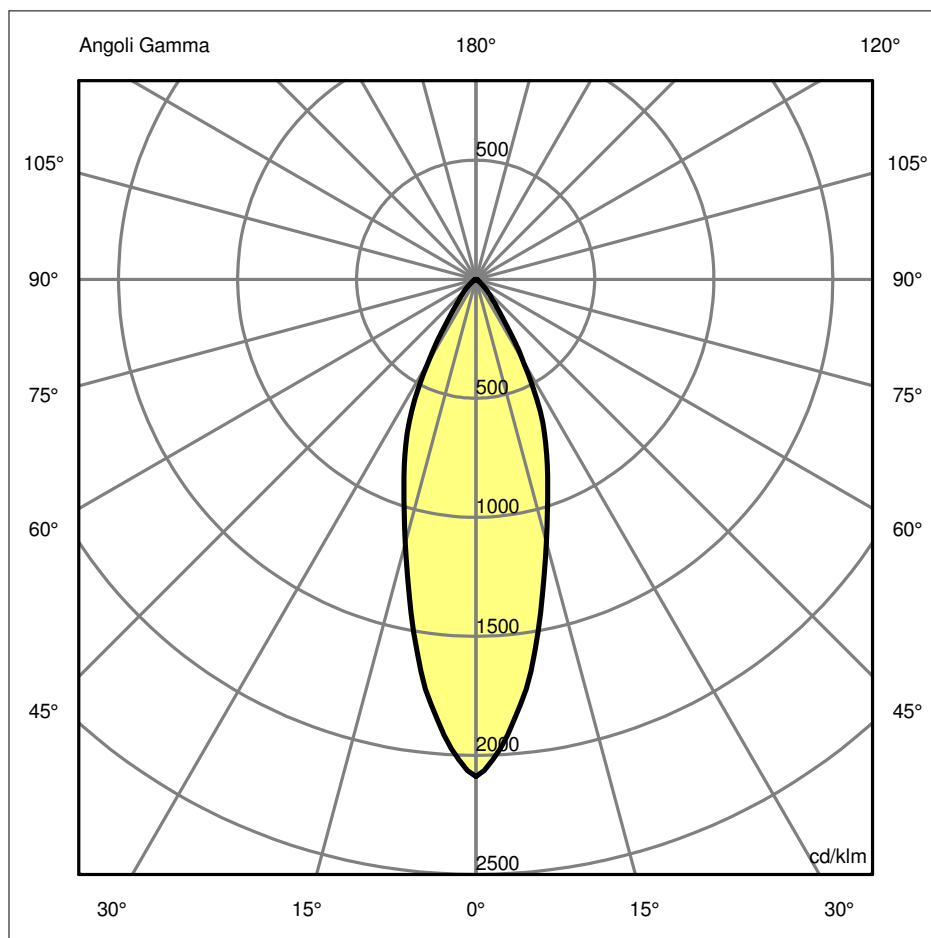
Diam=85mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code M038705
Name Rastaf 86 LED tondo orientabile - wide flood - 3000K

Measurerm.

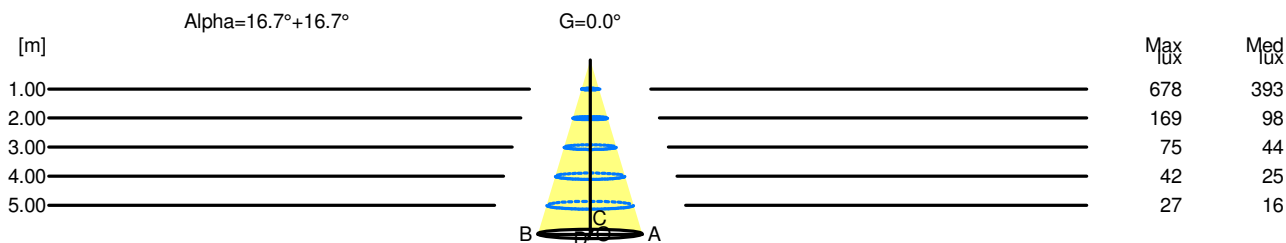
Code FTS1602543
Name Rastaf 86 LED tondo orientabile - wide flood - 3000K

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		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		

Luminaire

Code M038705
Name Rastaf 86 LED tondo orientabile - wide flood - 3000K

Measurement

Code FTS1602543
Name Rastaf 86 LED tondo orientabile - 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

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