

Luminaire

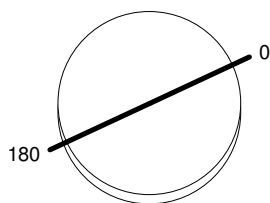
Code M038505
Name Rastaf 86 LED tondo orientabile - spot - 3000K

Measurement

Code FTS1602541
Name Rastaf 86 LED tondo orientabile - spot - 3000K

Luminaire Flux	408.38 lm	Luminaire Power	12.00 W	Efficacy	34.03 lm/W	Efficiency	100.00%
Lamps Flux	408.38 lm	Maximum value	4028.02 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		180	
Measurement Distance		0.00		Measurement Flux		408.38 lm	
LED Flux=1375lm LED Power=12W Eff=29,7% EfcLed=115lm/W EfcLum=34lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	95 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

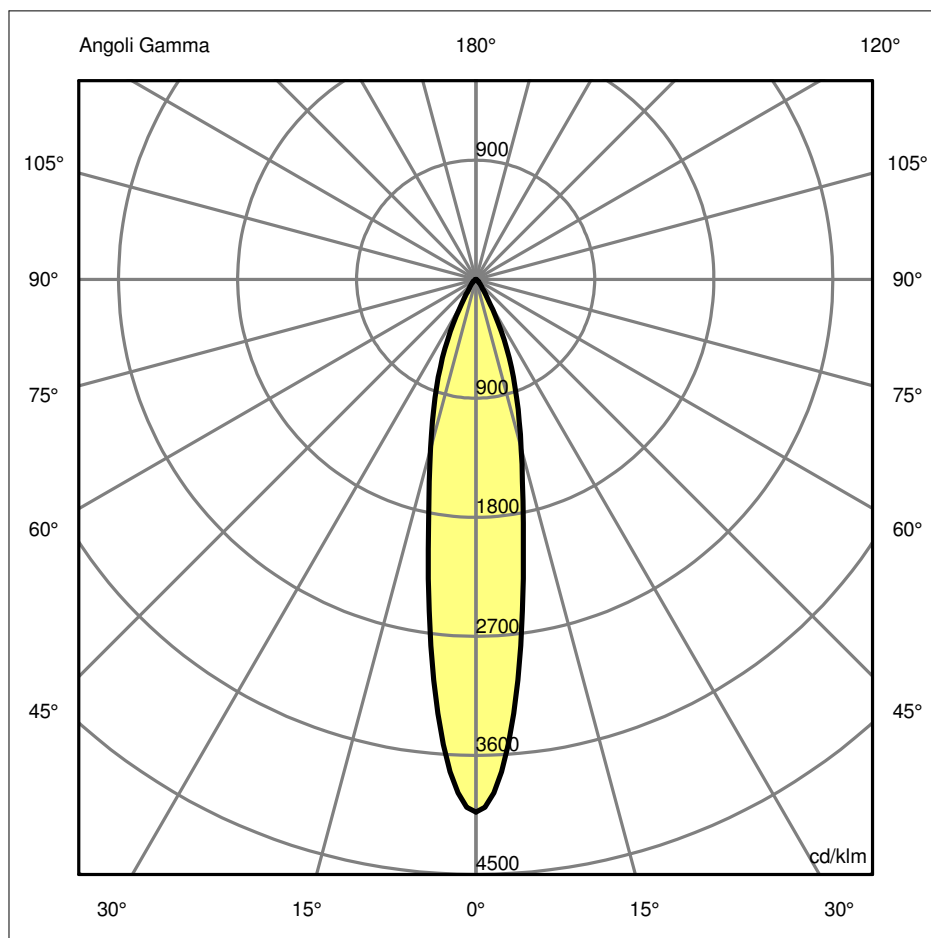
Diam=85mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Emitting area on Plane 90°	0.000000 m2			Glare area at 76°		0.000233 m2	
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Measurement Distance	0.00			Measurement Flux		408.38 lm	

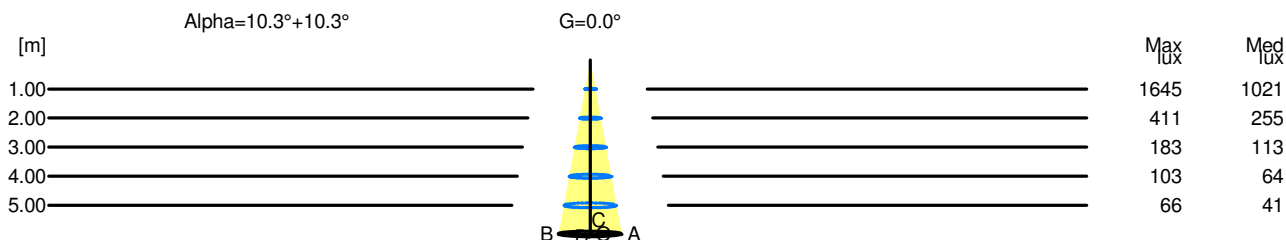
LED Flux=1375lm LED Power=12W Eff=29,7% EfcLed=115lm/W EfcLum=34lm/W Ra=90 SDCM=3 L70(6K)=50000h

C.I.E.	95 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	0.18	0.36	0.55	0.73	0.91	OC	0.18	0.36	0.55	0.73	0.91
OB	0.18	0.36	0.55	0.73	0.91	OD	0.18	0.36	0.55	0.73	0.91

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1644.96	1345.48	541.28	205.80	41.39	14.90	5.15	2.42	1.93	2.04
OB	1644.96	1345.48	541.28	205.80	41.39	14.90	5.15	2.42	1.93	2.04
OC	1644.96	1345.48	541.28	205.80	41.39	14.90	5.15	2.42	1.93	2.04
OD	1644.96	1345.48	541.28	205.80	41.39	14.90	5.15	2.42	1.93	2.04



H[m]	D[m]	Max lux	Med lux	Alpha=10.3°+10.3°	G=0.0
1.00	0.36	1645	1021		
2.00	0.73	411	255		
3.00	1.09	183	113		
4.00	1.45	103	64		
5.00	1.82	66	41		

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Lamps Flux	408.38 lm	Maximum value	4028.02 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	15.0	15.7	15.2	15.9	16.1	15.0	15.7	15.2	15.9	16.1
x=2H y=3H	15.2	15.9	15.5	16.1	16.3	15.2	15.9	15.5	16.1	16.3
x=2H y=4H	15.5	16.1	15.8	16.4	16.6	15.5	16.1	15.8	16.4	16.6
x=2H y=6H	16.1	16.6	16.4	16.9	17.2	16.1	16.6	16.4	16.9	17.2
x=2H y=8H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7
x=2H y=12H	17.3	17.8	17.6	18.1	18.4	17.3	17.8	17.6	18.1	18.4
x=4H y=2H	15.0	15.6	15.3	15.8	16.1	15.0	15.6	15.3	15.8	16.1
x=4H y=3H	15.4	15.9	15.8	16.2	16.5	15.4	15.9	15.8	16.2	16.5
x=4H y=4H	15.9	16.3	16.3	16.6	17.0	15.9	16.3	16.3	16.6	17.0
x=4H y=6H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.9
x=4H y=8H	17.5	17.8	17.9	18.2	18.6	17.5	17.8	17.9	18.2	18.6
x=4H y=12H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6
x=8H y=4H	16.2	16.5	16.6	16.8	17.3	16.2	16.5	16.6	16.8	17.3
x=8H y=6H	17.3	17.6	17.8	18.0	18.4	17.3	17.6	17.8	18.0	18.4
x=8H y=8H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4
x=8H y=12H	19.6	19.8	20.1	20.2	20.7	19.6	19.8	20.1	20.2	20.7
x=12H y=4H	16.2	16.5	16.7	16.9	17.3	16.2	16.5	16.7	16.9	17.3
x=12H y=6H	17.6	17.8	18.0	18.2	18.7	17.6	17.8	18.0	18.2	18.7
x=12H y=8H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8