

Luminaire

Code BB02105_50
Name LUCERI TRIM ROUND 50W 940 MIRROR

Measurem.

Code FTS1801146-A
Name LUCERI TRIM ROUND 50W 940 MIRROR

Luminaire Flux	5093 lm	Luminaire Power	50.0 W	Efficacy	101.860 lm/W	Efficiency	100.00%
Source Flux	5093 lm	Maximum value	777.10 cd/klm	Position	C=0.00 G=20.00	CG	Rotosymmetrical
Round Luminaire		Diam.	211 mm	Height	215 mm		
Round Luminous Area		Diam.	200 mm	Height	0 mm		
Horizontal Luminous Area		0.031416 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°		0.007600 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		25-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5093 lm	
LED Flux=6131lm LED Power=50W Eff=83% EfcLed=123lm/W EfcLum=102lm/W CCT=4000K Ra=90 R9=50 SDCM=1 L70(10k)=50000h							
C.I.E.	91 100 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

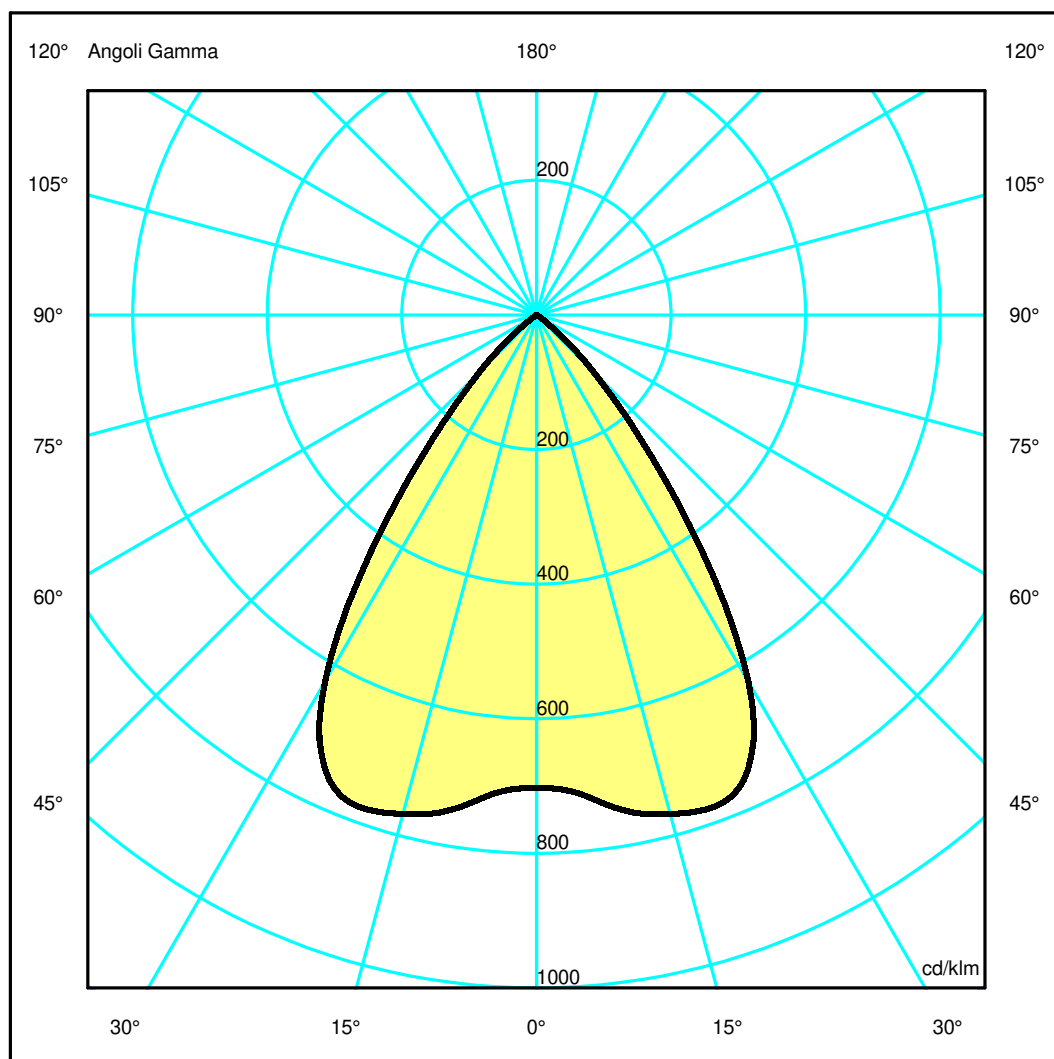
Diam=211mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

Code BB02105_50
Name LUCERI TRIM ROUND 50W 940 MIRROR

Measurem.

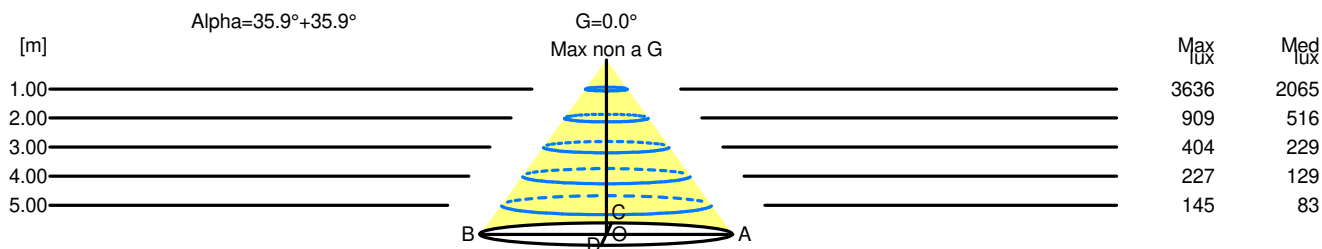
Code FTS1801146-A
Name LUCERI TRIM ROUND 50W 940 MIRROR

Luminaire Flux	5093 lm	Luminaire Power	50.0 W	Efficacy	101.860 lm/W	Efficiency	100.00%
Source Flux	5093 lm	Maximum value	777.10 cd/klm	Position	C=0.00 G=20.00	CG	Rotosymmetrical
Round Luminaire		Diam.	211 mm	Height	215 mm		
Round Luminous Area		Diam.	200 mm	Height	0 mm		
Horizontal Luminous Area		0.031416 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°		0.007600 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		25-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5093 lm	
LED Flux=6131lm LED Power=50W Eff=83% EfcLed=123lm/W EfcLum=102lm/W CCT=4000K Ra=90 R9=50 SDCM=1 L70(10k)=50000h							
C.I.E.	91 100 100 100 100			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	0.72	1.45	2.17	2.90	3.62	OC	0.72	1.45	2.17	2.90	3.62
OB	0.72	1.45	2.17	2.90	3.62	OD	0.72	1.45	2.17	2.90	3.62

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3578.51	3632.24	3909.21	3788.93	2187.30	613.95	46.69	4.04	3.15	0.34
OB	3578.51	3632.24	3909.21	3788.93	2187.30	613.95	46.69	4.04	3.15	0.34
OC	3578.51	3632.24	3909.21	3788.93	2187.30	613.95	46.69	4.04	3.15	0.34
OD	3578.51	3632.24	3909.21	3788.93	2187.30	613.95	46.69	4.04	3.15	0.34



H[m]	D[m]	Max lux	Med lux	Alpha=35.9°+35.9°	G=0.0 Max non a G
1.00	1.45	3636	2065		
2.00	2.90	909	516		
3.00	4.35	404	229		
4.00	5.80	227	129		
5.00	7.25	145	83		