

Luminaire

Code AF25301+AF95204

Name SHARP RECESSED TRIM 16X 48W 940 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

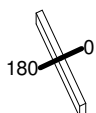
Measurem.

Code FTS1603170

Name SHARP RECESSED TRIM 16X 48W 940 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

Luminaire Flux	3163.92 lm	Luminaire Power	44.00 W	Efficacy	71.91 lm/W	Efficiency	100.00%
Lamps Flux	3163.92 lm	Maximum value	5604.42 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	
Rectangular Luminaire		Length	612 mm	Width	40 mm	Height	55 mm
Rectangular Luminous Area		Length	592 mm	Width	37 mm	Height	0 mm
Horizontal Luminous Area		0.021904 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°		0.005299 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		21-02-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3163.92 lm	
LED Flux=4245,2lm LED Power=44W Eff=75% EfcLed=96lm/W EfcLum=72lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E.	100	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

612mm x 40mm



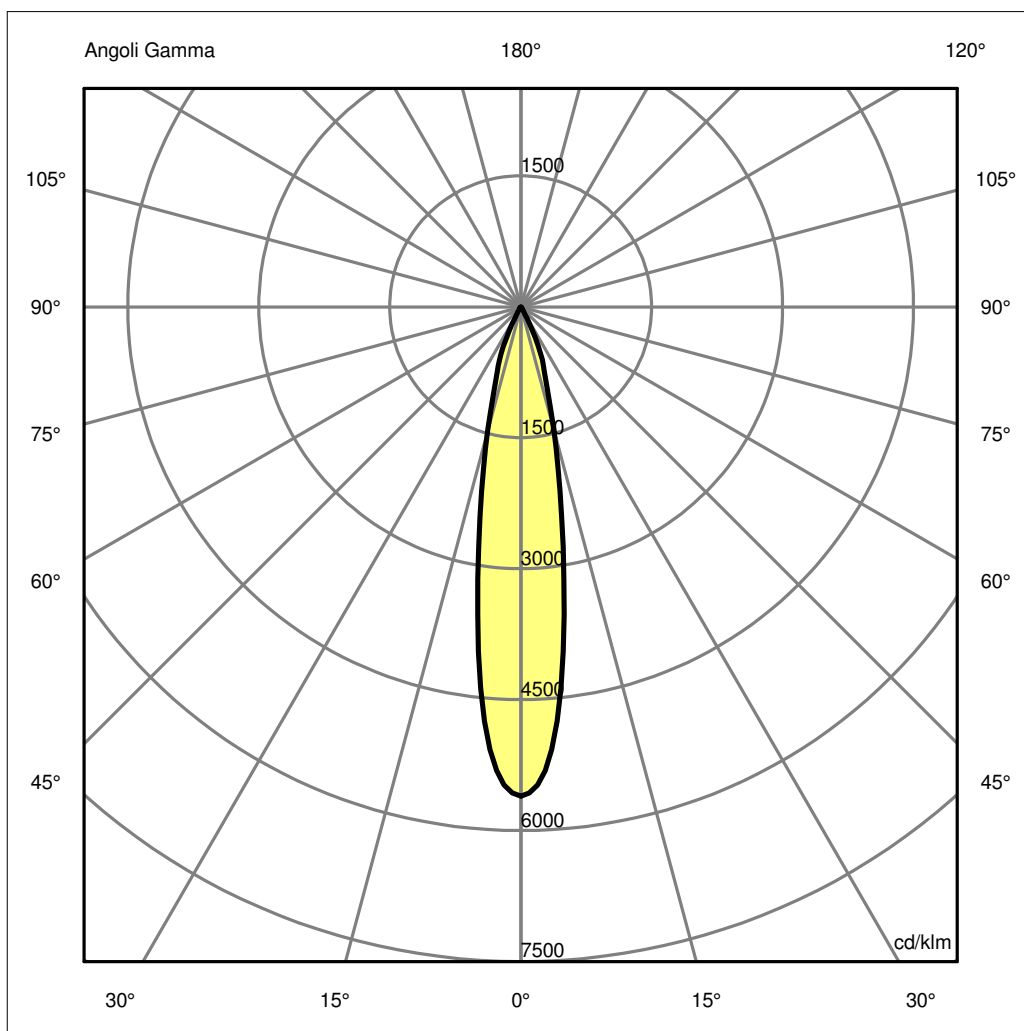
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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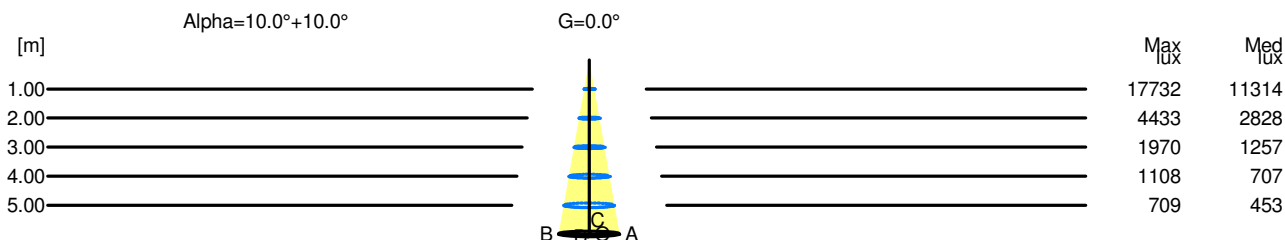
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Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.005299 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		21-02-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3163.92 lm	
LED Flux=4245,2lm LED Power=44W Eff=75% EfcLed=96lm/W EfcLum=72lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E.	100	100	100	100	100	D DIN 5040	A60
F UTE	--					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	0.35	0.53	0.70	0.88	OC	0.18	0.35	0.53	0.70	0.88
OB	0.18	0.35	0.53	0.70	0.88	OD	0.18	0.35	0.53	0.70	0.88

				Luminous Intensities [cd/klm]							
	0	5	15	25	35	45	55	65	75	85	
OA	17731.95	15078.12	4629.45	1238.37	73.32	15.51	1.95	0.00	0.00	0.00	
OB	17731.95	15078.12	4629.45	1238.37	73.32	15.51	1.95	0.00	0.00	0.00	
OC	17731.95	15078.12	4629.45	1238.37	73.32	15.51	1.95	0.00	0.00	0.00	
OD	17731.95	15078.12	4629.45	1238.37	73.32	15.51	1.95	0.00	0.00	0.00	



H[m]	D[m]	Max lux	Med lux	Alpha=10.0°+10.0°	G=0.0
1.00	0.35	17732	11314		
2.00	0.70	4433	2828		
3.00	1.05	1970	1257		
4.00	1.40	1108	707		
5.00	1.75	709	453		

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Measurement

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Name SHARP RECESSED TRIM 16X 48W 940 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

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Lamps Flux	3163.92 lm	Maximum value	5604.42 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	0.2	0.8	0.5	1.0	1.2	0.2	0.8	0.5	1.0	1.2
x=2H y=3H	0.1	0.7	0.4	0.9	1.1	0.1	0.7	0.4	0.9	1.1
x=2H y=4H	0.0	0.6	0.3	0.8	1.0	0.0	0.6	0.3	0.8	1.0
x=2H y=6H	< 0	0.4	0.3	0.7	1.0	< 0	0.4	0.3	0.7	1.0
x=2H y=8H	< 0	0.4	0.2	0.7	1.0	< 0	0.4	0.2	0.7	1.0
x=2H y=12H	< 0	0.3	0.2	0.6	0.9	< 0	0.3	0.2	0.6	0.9
x=4H y=2H	0.0	0.6	0.3	0.8	1.1	0.0	0.6	0.3	0.8	1.1
x=4H y=3H	< 0	0.3	0.2	0.6	0.9	< 0	0.3	0.2	0.6	0.9
x=4H y=4H	< 0	0.2	0.2	0.5	0.9	< 0	0.2	0.2	0.5	0.9
x=4H y=6H	< 0	0.0	0.1	0.4	0.8	< 0	0.0	0.1	0.4	0.8
x=4H y=8H	< 0	< 0	0.1	0.3	0.7	< 0	< 0	0.1	0.3	0.7
x=4H y=12H	< 0	< 0	0.1	0.3	0.7	< 0	< 0	0.1	0.3	0.7
x=8H y=4H	< 0	< 0	0.1	0.3	0.7	< 0	< 0	0.1	0.3	0.7
x=8H y=6H	< 0	< 0	0.0	0.2	0.7	< 0	< 0	0.0	0.2	0.7
x=8H y=8H	< 0	< 0	0.0	0.2	0.6	< 0	< 0	0.0	0.2	0.6
x=8H y=12H	< 0	< 0	< 0	0.1	0.6	< 0	< 0	< 0	0.1	0.6
x=12H y=4H	< 0	< 0	0.1	0.3	0.7	< 0	< 0	0.1	0.3	0.7
x=12H y=6H	< 0	< 0	0.0	0.2	0.6	< 0	< 0	0.0	0.2	0.6
x=12H y=8H	< 0	< 0	< 0	0.1	0.6	< 0	< 0	< 0	0.1	0.6