

Luminaire

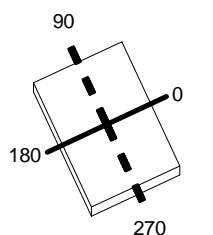
Code 1646040A
Name MICROSURF LED W BRONZE

Measurerm.

Code FTS1601961
Name MICROSURF LED W BRONZE

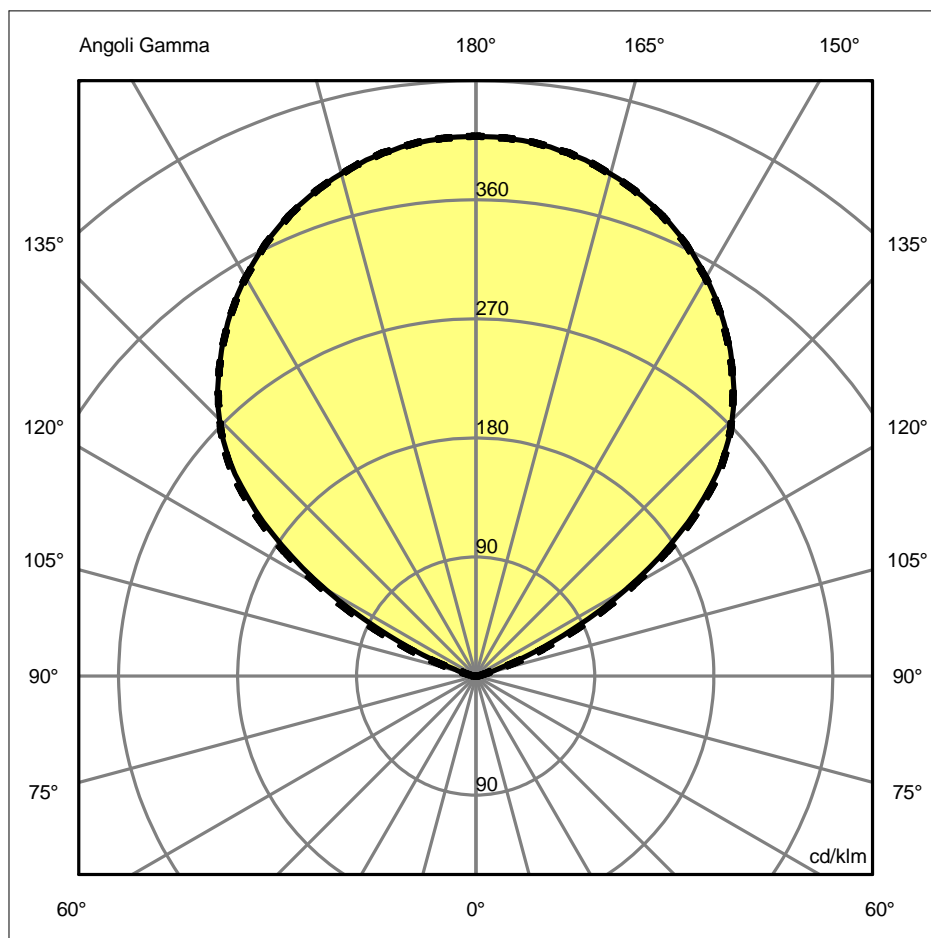
Luminaire Flux	1942.00 lm	Luminaire Power	17.00 W	Efficacy	114.24 lm/W	Efficiency	100.00%
Lamps Flux	1942.00 lm	Maximum value	408.28 cd/klm	Position	C=60.00 G=179.00	CG	Double Symmetrical
Rectangular Luminaire Round Luminous Area	Length Diam.	225 mm 20 mm	Width Height	160 mm 0 mm	Height	15 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.000314 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 0.000076 m2				
Coordinate system Date Measurement Distance	CG 01-10-2015 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 1942.00 lm				
LED Flux=2000lm LED Power=17W Eff=97% EfcLed=118lm/W EfcLum=114lm/W Ra=80 SDCM=3 L70(6K)=50000 - L70							
C.I.E. F UTE	0 0 0 0 100 1.00 T	D DIN 5040 B NBN	-- BZ 10				

225mm x 160mm



Semipiani C
180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 100.00 %
DLOR 0.00 %
RN 100.00 %



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Measurment.

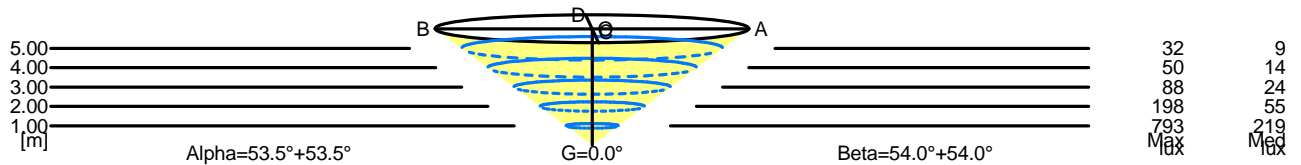
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C.I.E. F UTE	0 0 0 0 100 1.00 T	D DIN 5040 B NBN	-- BZ 10				

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	1.35	2.70	4.05	5.40	6.75	OC	1.38	2.75	4.13	5.50	6.88
OB	1.35	2.70	4.05	5.40	6.75	OD	1.38	2.75	4.13	5.50	6.88

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	792.63	789.36	763.50	712.06	634.72	532.19	364.67	141.57	22.54	1.28
OB	792.63	789.36	763.50	712.06	634.72	532.19	364.67	141.57	22.54	1.28
OC	792.63	788.55	762.80	711.15	633.36	530.98	375.89	164.46	17.88	4.72
OD	792.63	788.55	762.80	711.15	633.36	530.98	375.89	164.46	17.88	4.72



5.00	13.50	32	9	
4.00	10.80	50	14	
3.00	8.10	88	24	
2.00	5.40	198	55	
1.00	2.70	793	219	
H[m]	D[m]	Max lux	Med lux	Alpha=53.5°+53.5° G=0.0

5.00	13.75	32	9	
4.00	11.00	50	14	
3.00	8.25	88	24	
2.00	5.50	198	55	
1.00	2.75	793	219	
H[m]	D[m]	Max lux	Med lux	Beta=54.0°+54.0° G=0.0

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Lamps Flux	1942.00 lm	Maximum value	408.28 cd/klm	Position	C=60.00 G=179.00	CG	Double Symmetrical

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	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0