

Luminaire

Code BD01001
Name SURF LED HV MODULO 1X 830 DM BCO

Measurem.

Code FTS1900813
Name SURF LED HV MODULO 1X 830 DM BCO

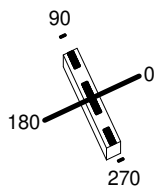
Luminaire Flux	6223.39 lm	Luminaire Power	53.00 W	Efficacy	117.42 lm/W	Efficiency	100.00%
Lamps Flux	6223.39 lm	Maximum value	392.90 cd/klm	Position	C=50.00 G=179.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1195 mm	Width	180 mm	Height	33 mm
Rectangular Luminous Area		Length	1165 mm	Width	175 mm	Height	0 mm
Horizontal Luminous Area			0.203875 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°			0.049322 m2
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		20-12-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		6223.39 lm	

LED Flux=7455,84lm LED Power=48W Eff=83% EfcLed=155lm/W EfcLum=117lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=50000h

C.I.E. 0 0 0 0 100
F UTE 1.00 T

D DIN 5040 --
B NBN BZ 10

1195mm x 180mm



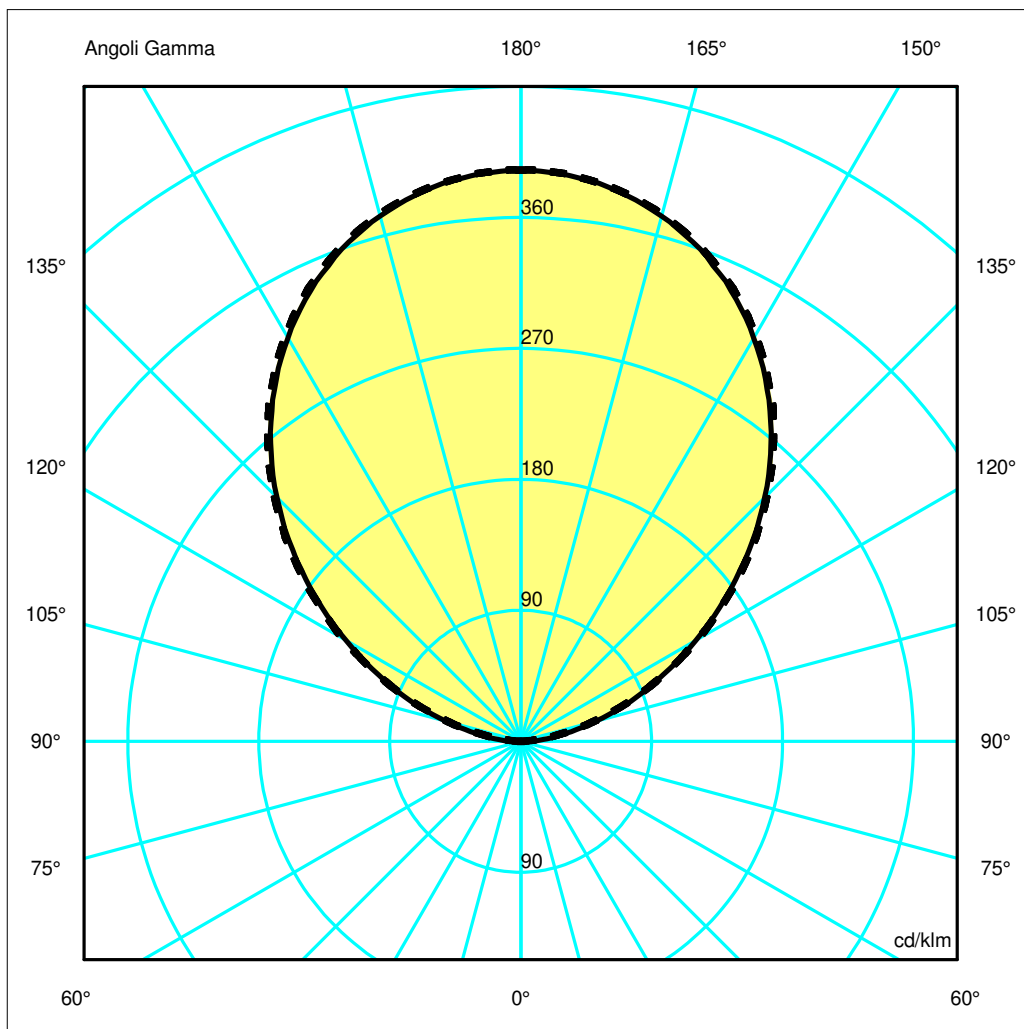
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 99.90 %

DLOR 0.10 %

RN 99.90 %



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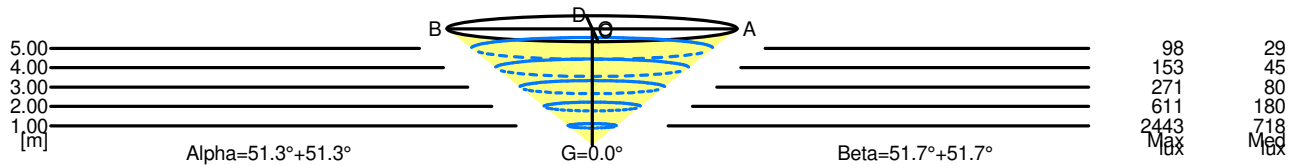
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Name SURF LED HV MODULO 1X 830 DM BCO

Luminaire Flux	6223.39 lm	Luminaire Power	53.00 W	Efficacy	117.42 lm/W	Efficiency	100.00%
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Rectangular Luminaire	Length	1195 mm	Width	180 mm	Height	33 mm	
Rectangular Luminous Area	Length	1165 mm	Width	175 mm	Height	0 mm	
Horizontal Luminous Area	0.203875 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Emitting area on Plane 90°	0.049322 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical	Date	20-12-2018	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	6223.39 lm				
LED Flux=7455,84lm LED Power=48W Eff=83% EfcLed=155lm/W EfcLum=117lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	0 0 0 0 100	D DIN 5040	--				
F UTE	1.00 T	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	1.25	2.50	3.75	5.00	6.25	OC	1.27	2.53	3.80	5.06	6.33
OB	1.25	2.50	3.75	5.00	6.25	OD	1.27	2.53	3.80	5.06	6.33

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2442.51	2428.63	2325.96	2127.26	1837.23	1474.35	1066.79	670.21	329.27	96.41
OB	2442.51	2428.63	2325.96	2127.26	1837.23	1474.35	1066.79	670.21	329.27	96.41
OC	2442.51	2434.53	2333.71	2142.64	1853.76	1491.50	1082.77	674.80	318.25	59.05
OD	2442.51	2434.53	2333.71	2142.64	1853.76	1491.50	1082.77	674.80	318.25	59.05



5.00	12.49	98	29	
4.00	9.99	153	45	
3.00	7.49	271	80	
2.00	5.00	611	180	
1.00	2.50	2443	718	
H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3° G=0.0

5.00	12.66	98	29	
4.00	10.13	153	45	
3.00	7.60	271	80	
2.00	5.06	611	180	
1.00	2.53	2443	718	
H[m]	D[m]	Max lux	Med lux	Beta=51.7°+51.7° G=0.0