

Luminaire

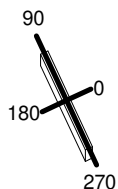
Code 1856030APP
Name DREISPITZ 120 S DIR CTRL EM+IND DIF BLK APP

Measurem.

Code FTS2500034
Name DREISPITZ 120 S DIR CTRL EM+IND DIF BLK APP

Luminaire Flux	4799 lm	Luminaire Power	47.0 W	Efficacy	102.106 lm/W	Efficiency	100.00%
Source Flux	4799 lm	Maximum value	466.54 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1132 mm	Width	85 mm	Height	98 mm
Rectangular Luminous Area		Length	1040 mm	Width	80 mm	Height	30 mm
Horizontal Luminous Area		0.083200 m2		Emitting area on Plane 180°		0.031200 m2	
Emitting area on Plane 0°		0.031200 m2		Emitting area on Plane 270°		0.002400 m2	
Emitting area on Plane 90°		0.002400 m2		Glare area at 76°		0.050401 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4799 lm	
LED Flux=7021lm LED Power=39W Eff=68% EfcLed=179lm/W EfcLum=102lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)>50000h							
C.I.E.	69 81 90 58 100			D DIN 5040		C51	
F UTE	0.58 C + 0.42 T			B NBN		BZ 2 / 1.25 / BZ 3 / 2.5 / BZ 4	

1132mm x 85mm



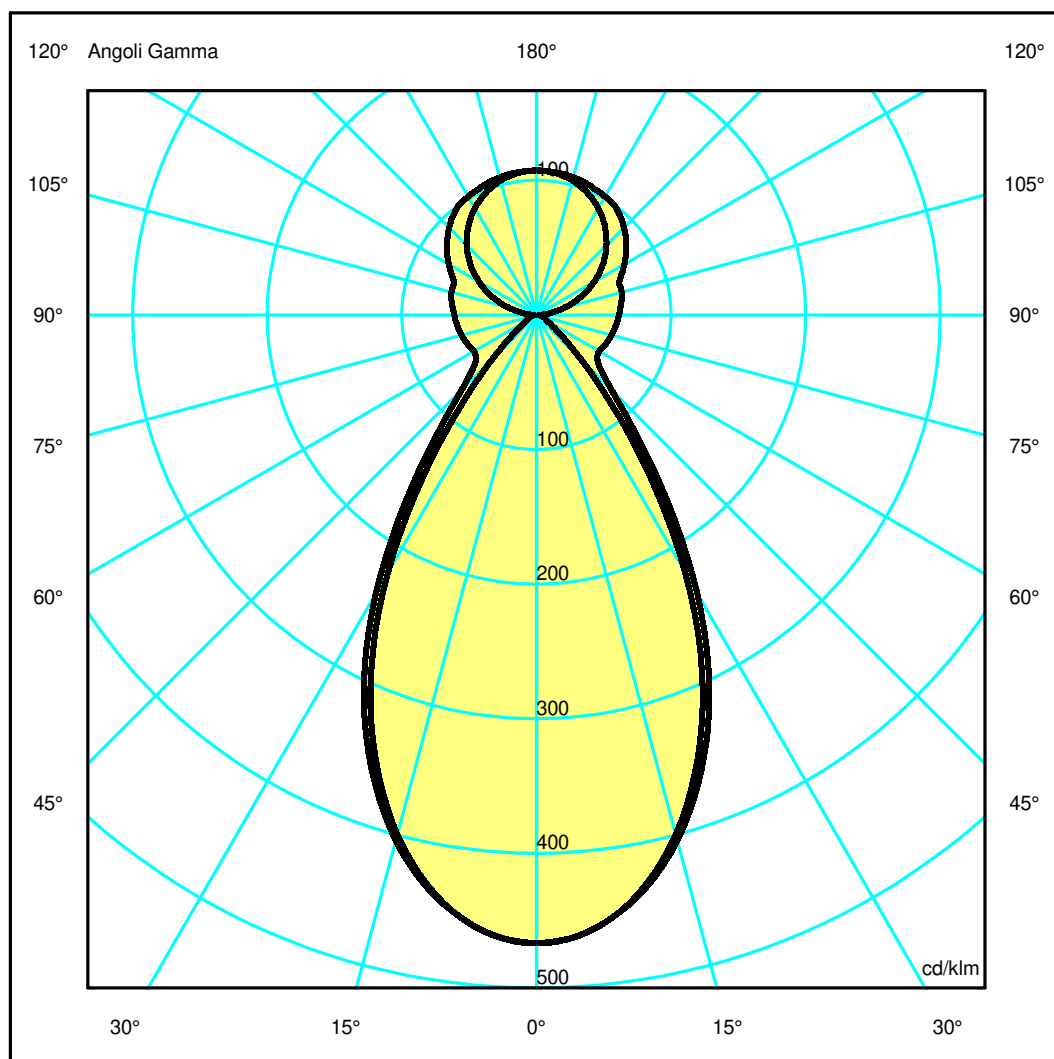
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 41.78 %

DLOR 58.22 %

RN 41.78 %



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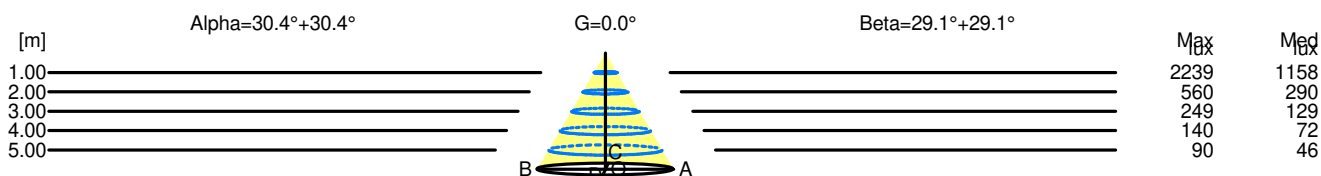
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Width at 50.00 % of Max Intensity

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	0.59	1.17	1.76	2.35	2.93	OC	0.56	1.12	1.67	2.23	2.79
OB	0.59	1.17	1.76	2.35	2.93	OD	0.56	1.12	1.67	2.23	2.79

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2238.92	2203.01	1939.62	1457.15	817.64	378.67	264.03	263.47	276.83	288.46
OB	2238.92	2203.01	1939.62	1457.15	817.64	378.67	264.03	263.47	276.83	288.46
OC	2238.92	2204.47	1917.14	1394.47	709.37	225.60	70.97	36.96	22.95	10.00
OD	2238.92	2204.47	1917.14	1394.47	709.37	225.60	70.97	36.96	22.95	10.00



H[m]	D[m]	Max lux	Med lux	Alpha=30.4°+30.4°	G=0.0
1.00	1.17	2239	1158		
2.00	2.35	560	290		
3.00	3.52	249	129		
4.00	4.69	140	72		
5.00	5.87	90	46		

H[m]	D[m]	Max lux	Med lux	Beta=29.1°+29.1°	G=0.0
1.00	1.12	2239	1158		
2.00	2.23	560	290		
3.00	3.35	249	129		
4.00	4.46	140	72		
5.00	5.58	90	46		