

Luminaire

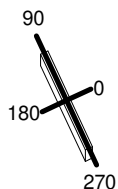
Code 1856010A
Name DREISPITZ 120 S DIR CTRL EM+IND DIF GRN

Measurem.

Code FTS2500033
Name DREISPITZ 120 S DIR CTRL EM+IND DIF GRN

Luminaire Flux	4867 lm	Luminaire Power	47.0 W	Efficacy	103.553 lm/W	Efficiency	100.00%
Source Flux	4867 lm	Maximum value	455.49 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		4867 lm	
LED Flux=7021lm LED Power=39W Eff=69% EfcLed=179lm/W EfcLum=104lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)>50000h							
C.I.E.	68 81 90 58 100			D DIN 5040		C51	
F UTE	0.58 C + 0.42 T			B NBN		BZ 2 / 1 / BZ 3 / 2.5 / BZ 4	

1132mm x 85mm



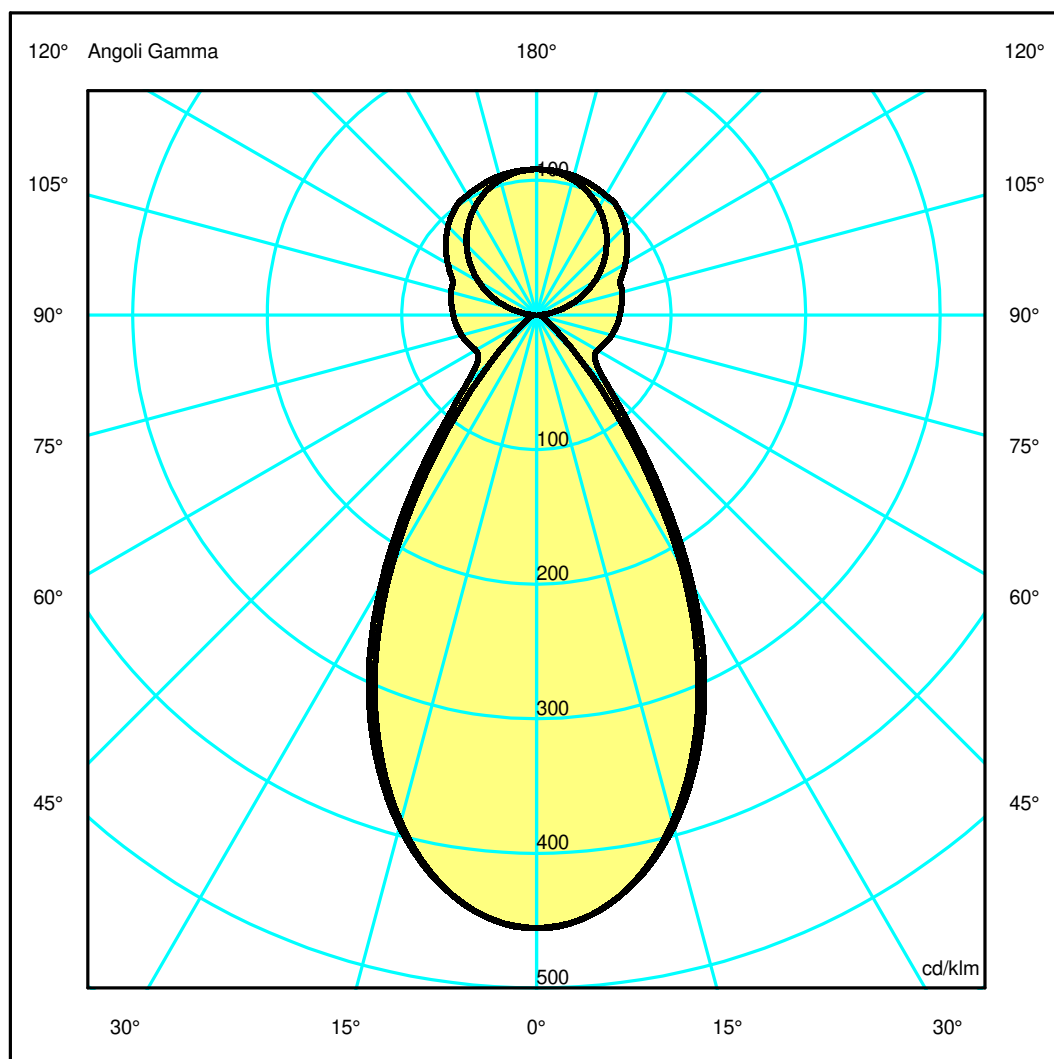
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 42.16 %

DLOR 57.84 %

RN 42.16 %



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Measurement

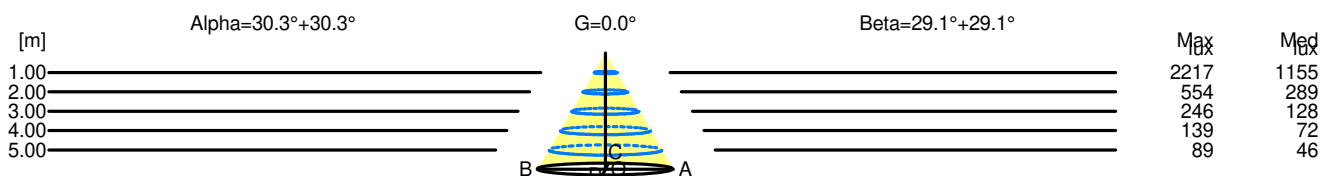
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F UTE	0.58 C + 0.42 T			B NBN	BZ 2 / 1 / BZ 3 / 2.5 / BZ 4		

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	0.58	1.17	1.75	2.33	2.92	OC	0.56	1.11	1.67	2.23	2.78
OB	0.58	1.17	1.75	2.33	2.92	OD	0.56	1.11	1.67	2.23	2.78

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2216.38	2180.37	1916.30	1435.58	799.70	365.82	257.13	262.61	281.13	296.11
OB	2216.38	2180.37	1916.30	1435.58	799.70	365.82	257.13	262.61	281.13	296.11
OC	2216.38	2182.45	1898.04	1378.23	695.99	215.07	63.31	32.15	21.01	10.92
OD	2216.38	2182.45	1898.04	1378.23	695.99	215.07	63.31	32.15	21.01	10.92



H[m]	D[m]	Max lux	Med lux	Alpha=30.3°+30.3°	G=0.0
1.00	1.17	2217	1155		
2.00	2.33	554	289		
3.00	3.50	246	128		
4.00	4.67	139	72		
5.00	5.83	89	46		

H[m]	D[m]	Max lux	Med lux	Beta=29.1°+29.1°	G=0.0
1.00	1.11	2217	1155		
2.00	2.23	554	289		
3.00	3.34	246	128		
4.00	4.45	139	72		
5.00	5.56	89	46		