



Laboratorio Prove Fotometriche e Tecnologiche

Photometric Laboratory



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Luminous distribution measurement

Test item characteristics:

Manufacturer	SLIDE srl
Item code	STILETTO X 120
Description	Hanging lamp STILETTO X 120cm

Attachments

Luminous intensity table:	x
Polar diagram:	x
UGR table:	
Isolux:	
Beam:	
Color coordinates	
Color rendering	
Standard file:	x

Laboratory chief
Ing. Raffaella Panza



Luminaire

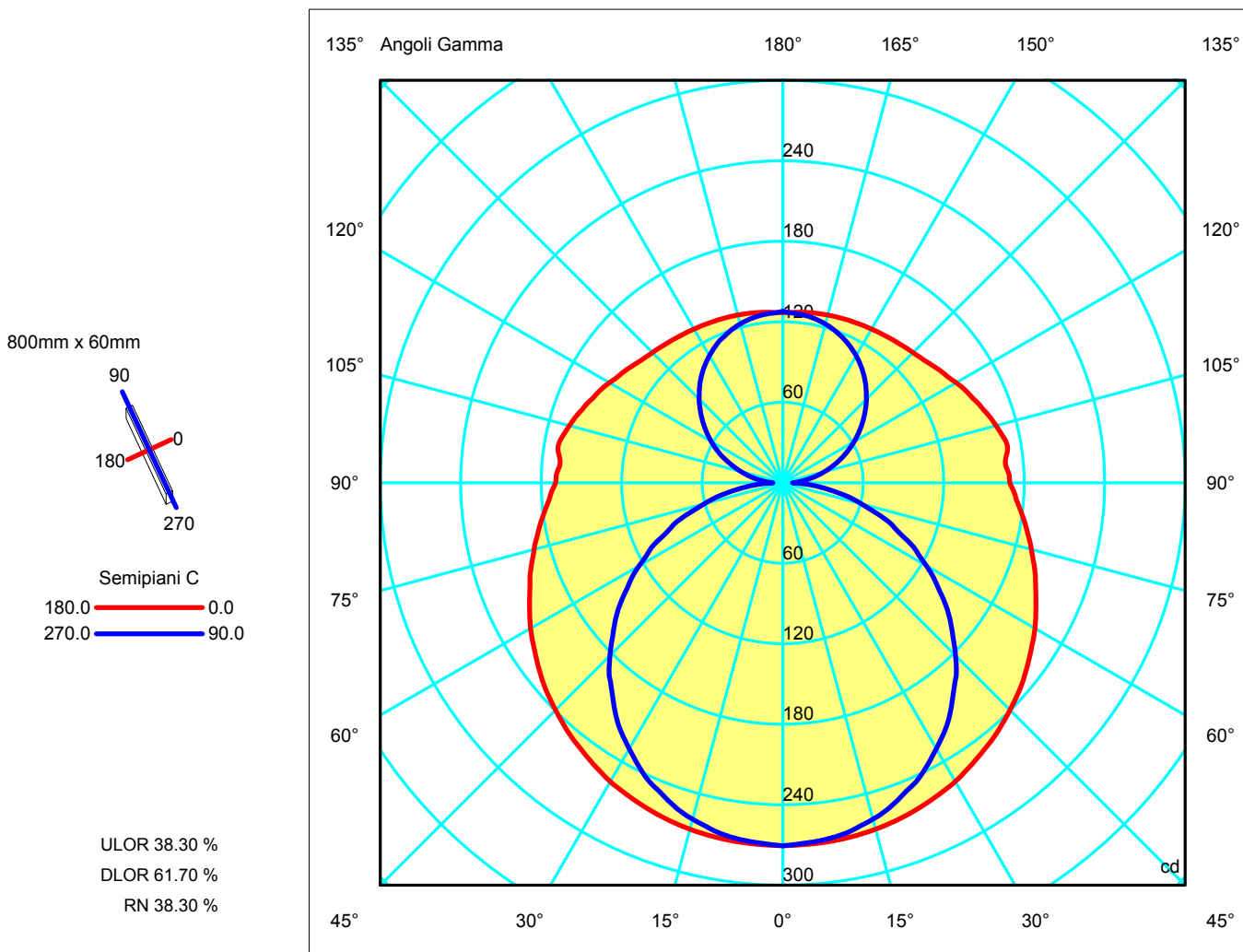
Code STILETTOX120
 Name Lampada a sospensione orizzontale STILETTO X 80cm

Measurement

Code CL2941-23-09G2
 Name Lampada a sospensione orizzontale STILETTO X 80cm

Luminaire Flux	1812.00 lm	Luminaire Power	15.00 W	Efficacy	120.80 lm/W	Efficiency	100.00%
Lamps Flux	1812.00 lm	Maximum value	270.49 cd	Position	C=90.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	800 mm	Width	60 mm	Height	50 mm
Rectangular Luminous Area		Length	800 mm	Width	60 mm	Height	50 mm
Horizontal Luminous Area		0.048000 m2		Emitting area on Plane 180°		0.040000 m2	
Emitting area on Plane 0°		0.040000 m2		Emitting area on Plane 270°		0.003000 m2	
Emitting area on Plane 90°		0.003000 m2		Glare area at 76°		0.050424 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		11-05-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1208.83 lm	
Operator				Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes							

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
	STILETTOX120 -TOT4	Name STILETTOX120	1812.00	15.00	1
C.I.E.	34 62 83 62 100	D DIN 5040	B21		
F UTE	0.62 H + 0.38 T	B NBN	BZ 6		





Luminaire

Code STILETTOX120
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Measur.

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Luminaire Flux	1812.00 lm	Luminaire Power	15.00 W	Efficacy	120.80 lm/W	Efficiency	100.00%
Lamps Flux	1812.00 lm	Maximum value	270.49 cd	Position	C=90.00 G=0.00	CG	Double Symmetrical

Luminous Intensity Table cd Table 1/2

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00
G 0.0	270.47	270.22	270.20	270.09	270.09	270.08	269.98	269.76	269.70	270.49
G 2.0	270.26	270.14	270.21	270.07	270.09	270.09	269.90	269.70	269.68	269.69
G 4.0	270.09	270.04	270.00	269.71	269.63	269.50	269.25	269.11	269.01	268.93
G 6.0	269.93	269.82	269.56	269.31	269.07	268.75	268.62	268.29	268.01	268.22
G 8.0	269.36	269.31	269.11	268.72	268.24	267.87	267.39	266.95	266.83	266.91
G 10.0	269.10	268.88	268.62	267.92	267.51	266.52	265.80	265.41	265.09	265.63
G 12.0	268.53	268.22	267.81	267.03	266.19	265.20	264.42	263.56	263.20	263.26
G 14.0	267.80	267.45	266.72	265.95	264.71	263.44	262.29	261.17	260.66	260.65
G 16.0	266.67	266.51	265.85	264.55	263.08	261.42	259.88	258.84	257.73	258.45
G 18.0	265.78	265.38	264.52	262.89	261.39	259.40	257.23	255.82	254.65	255.21
G 20.0	264.87	264.21	263.11	261.27	259.24	256.88	254.71	252.49	251.20	251.36
G 22.0	263.32	262.82	261.63	259.48	256.87	253.94	251.56	248.77	247.74	247.30
G 24.0	261.89	261.41	259.87	257.49	254.32	250.95	247.90	245.18	243.34	244.04
G 26.0	260.32	259.80	257.91	255.13	251.57	247.98	243.99	241.12	238.65	239.27
G 28.0	258.78	257.95	255.92	252.79	248.93	244.58	240.12	236.74	234.32	234.30
G 30.0	257.22	256.14	254.03	250.39	245.88	240.74	236.25	231.81	229.34	228.83
G 32.0	254.89	254.10	251.79	247.44	242.66	236.99	231.55	226.42	223.63	223.80
G 34.0	252.77	251.98	249.11	244.66	239.11	233.23	227.01	221.97	217.96	218.49
G 36.0	250.43	249.54	246.46	241.85	235.87	229.01	221.87	216.53	212.17	212.16
G 38.0	248.21	247.18	243.62	238.54	231.96	224.44	216.79	210.52	206.08	205.54
G 40.0	246.12	244.79	241.26	235.30	228.31	220.54	212.34	204.66	200.21	198.64
G 42.0	243.45	242.05	238.24	231.88	224.01	215.54	206.66	198.62	193.27	193.28
G 44.0	240.85	239.48	235.22	228.50	219.40	210.42	200.83	192.82	186.13	185.93
G 46.0	238.17	236.73	232.22	225.13	215.51	205.52	194.83	186.02	179.26	178.38
G 48.0	235.61	233.87	228.93	221.50	211.87	200.46	189.86	179.48	171.57	170.60
G 50.0	232.84	230.94	226.10	217.60	207.38	195.74	184.02	172.82	165.27	163.58
G 52.0	229.65	227.89	222.54	213.86	202.76	190.32	177.71	166.08	156.39	156.49
G 54.0	226.43	224.74	219.01	209.94	198.06	184.80	171.28	157.66	149.38	148.15
G 56.0	223.16	221.34	215.42	206.02	194.21	179.58	164.83	151.66	141.23	139.67
G 58.0	220.15	218.00	211.65	202.10	189.69	174.71	158.76	144.70	135.07	132.33
G 60.0	217.10	214.58	208.64	198.02	184.86	169.36	153.36	137.65	125.06	123.64
G 62.0	213.57	211.40	204.72	193.89	179.99	163.78	146.84	132.49	118.18	114.80
G 64.0	209.99	207.75	200.82	190.16	175.16	158.55	140.45	123.84	109.80	108.20
G 66.0	206.54	204.32	197.13	185.86	171.13	153.32	134.48	116.04	101.85	97.96
G 68.0	203.25	200.88	193.44	181.84	166.69	148.17	127.92	109.68	94.60	90.20
G 70.0	200.34	197.81	190.26	177.93	162.03	143.13	122.74	103.02	86.92	83.58
G 72.0	196.93	194.24	186.50	174.35	157.40	138.20	116.74	96.04	78.86	73.40
G 74.0	193.38	190.81	182.75	170.29	153.16	133.74	111.27	89.66	71.49	64.70
G 76.0	190.41	187.67	179.57	166.61	149.13	127.85	106.36	83.54	64.83	57.23
G 78.0	186.91	184.59	176.05	163.46	145.21	123.86	101.33	78.02	57.78	49.82
G 80.0	183.93	181.10	172.83	159.35	141.48	119.93	96.32	71.94	50.80	41.33
G 82.0	180.70	177.97	169.40	155.87	137.68	116.04	91.71	67.18	44.23	33.34
G 84.0	177.49	174.89	166.32	152.38	134.29	112.40	87.75	62.27	38.23	26.55
G 86.0	174.39	171.76	163.57	149.58	130.89	108.87	84.21	58.46	33.63	20.00
G 88.0	172.24	169.17	160.82	146.74	128.24	105.93	81.28	54.91	29.97	13.00
G 90.0	169.25	166.66	157.98	144.09	125.56	103.46	78.64	52.54	27.11	7.33
G 92.0	168.92	166.48	156.64	143.19	124.11	101.95	76.78	50.69	25.59	9.70
G 94.0	167.03	164.73	155.38	141.89	123.14	101.10	76.23	50.20	25.65	12.59
G 96.0	166.90	164.23	155.65	142.17	123.37	101.28	76.53	50.47	26.45	16.18
G 98.0	169.09	166.01	157.36	143.79	124.73	102.42	77.45	51.46	28.26	19.17
G100.0	169.47	166.57	157.31	144.00	124.73	102.65	77.66	52.30	30.65	23.18
G102.0	167.62	164.59	155.68	142.51	123.56	101.69	77.38	53.06	33.32	26.54
G104.0	165.59	162.77	153.78	140.75	122.14	100.92	77.35	54.14	35.95	30.48
G106.0	163.67	160.88	152.03	139.36	120.87	100.34	77.56	55.54	39.02	33.97
G108.0	161.68	158.90	149.91	137.62	119.81	99.87	78.00	57.58	42.29	38.06
G110.0	159.25	156.70	147.97	136.05	118.94	99.60	78.63	59.53	46.19	41.70
G112.0	157.44	154.81	146.33	134.53	117.98	99.49	79.61	61.94	49.43	45.88
G114.0	154.99	152.71	144.51	133.34	117.29	99.53	80.66	64.55	52.97	50.18
G116.0	153.43	150.95	142.87	132.24	116.62	99.78	82.28	67.71	56.29	53.83
G118.0	151.42	148.96	140.93	130.80	116.20	100.22	84.03	69.90	60.09	57.94
G120.0	149.29	147.14	139.64	129.74	115.84	100.86	85.57	72.93	63.41	61.46
G122.0	146.88	145.25	138.16	128.74	115.62	101.63	87.66	75.92	67.31	64.97
G124.0	145.25	143.88	136.71	127.75	115.63	102.54	89.61	78.83	71.04	68.92
G126.0	143.65	141.95	135.52	127.27	115.73	103.72	91.90	81.62	74.28	72.79
G128.0	141.98	140.47	134.46	126.64	116.01	105.04	93.82	84.53	77.72	76.12
G130.0	140.16	139.02	133.56	126.32	116.46	106.35	96.01	87.20	81.33	79.36
G132.0	138.95	138.13	132.74	126.04	117.10	107.72	98.12	90.20	84.46	82.98
G134.0	137.77	136.96	132.15	125.94	117.67	109.13	100.23	92.99	87.68	86.54
G136.0	136.94	136.09	131.59	125.94	118.39	110.39	102.37	95.53	90.76	89.65
G138.0	136.04	135.25	131.14	126.08	119.14	111.82	104.44	98.40	94.05	92.74
G140.0	135.24	134.74	130.85	126.17	119.88	113.18	106.56	100.82	96.83	96.03
G142.0	134.52	134.09	130.65	126.37	120.49	114.41	108.50	103.46	99.84	99.18
G144.0	134.08	133.63	130.44	126.53	121.28	115.66	110.23	105.84	102.52	101.88



Luminaire

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Luminous Intensity Table cd Table 2/2

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00
G146.0	133.51	132.82	130.21	126.70	121.87	117.00	112.17	108.43	105.09	104.38
G148.0	132.97	132.49	129.97	126.81	122.55	118.11	113.86	110.27	107.42	107.18
G150.0	132.43	131.88	129.76	126.93	123.17	119.19	115.50	112.29	109.87	109.41
G152.0	131.91	131.47	129.59	127.09	123.77	120.37	116.91	114.19	112.03	111.51
G154.0	131.49	131.07	129.40	127.24	124.40	121.41	118.49	115.95	114.17	113.73
G156.0	131.04	130.68	129.27	127.38	124.93	122.31	119.87	117.62	116.16	115.87
G158.0	130.67	130.33	129.15	127.52	125.40	123.11	121.00	119.18	117.66	117.32
G160.0	130.30	130.06	129.05	127.68	125.88	124.05	122.11	120.54	119.24	119.09
G162.0	129.95	129.75	128.93	127.76	126.30	124.73	123.17	121.71	120.80	120.73
G164.0	129.68	129.47	128.78	127.82	126.60	125.25	124.00	122.92	122.00	121.97
G166.0	129.34	129.21	128.60	127.82	126.85	125.81	124.80	123.90	123.20	123.23
G168.0	128.99	128.87	128.42	127.79	127.03	126.23	125.42	124.73	124.20	124.17
G170.0	128.58	128.50	128.17	127.74	127.19	126.53	125.99	125.40	125.03	125.08
G172.0	128.22	128.14	127.94	127.63	127.26	126.75	126.44	126.00	125.75	125.73
G174.0	127.86	127.77	127.70	127.45	127.28	126.94	126.73	126.43	126.28	126.32
G176.0	127.44	127.33	127.48	127.33	127.24	127.02	126.91	126.74	126.66	126.66
G178.0	127.07	126.89	127.30	127.17	127.23	127.05	127.02	126.92	126.89	126.89
G180.0	126.95	126.75	127.17	127.13	127.19	127.06	127.08	126.98	126.97	127.91



Luminaire

Code STILETTOX120
 Name Lampada a sospensione orizzontale STILETTO X 80cm

Measurement

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Luminaire Flux	1812.00 lm	Luminaire Power	15.00 W	Efficacy	120.80 lm/W	Efficiency	100.00%
Lamps Flux	1812.00 lm	Maximum value	270.49 cd	Position	C=90.00 G=0.00	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	14.9	15.9	15.7	16.7	16.6	13.9	14.9	14.6	15.6	16.6
x=2H y=3H	17.3	18.2	18.1	19.0	18.2	15.5	16.4	16.3	17.2	18.2
x=2H y=4H	18.5	19.4	19.3	20.2	18.8	16.2	17.0	17.0	17.8	18.8
x=2H y=6H	19.7	20.5	20.6	21.4	19.4	16.7	17.5	17.6	18.4	19.4
x=2H y=8H	20.3	21.1	21.2	21.9	19.6	16.9	17.7	17.8	18.5	19.6
x=2H y=12H	20.9	21.7	21.8	22.5	19.7	17.1	17.8	17.9	18.7	19.7
x=4H y=2H	15.6	16.4	16.4	17.2	17.5	14.8	15.6	15.6	16.5	17.5
x=4H y=3H	18.1	18.9	19.0	19.7	19.3	16.6	17.3	17.5	18.2	19.3
x=4H y=4H	19.5	20.2	20.4	21.0	20.1	17.4	18.1	18.3	19.0	20.1
x=4H y=6H	20.9	21.5	21.8	22.4	20.7	18.1	18.7	19.0	19.6	20.7
x=4H y=8H	21.6	22.2	22.5	23.1	20.9	18.4	18.9	19.3	19.8	20.9
x=4H y=12H	22.3	22.8	23.2	23.7	21.1	18.6	19.1	19.5	20.0	21.1
x=8H y=4H	19.9	20.4	20.8	21.3	20.7	18.2	18.7	19.1	19.6	20.7
x=8H y=6H	21.5	22.0	22.4	22.9	21.7	19.1	19.6	20.0	20.5	21.7
x=8H y=8H	22.4	22.8	23.3	23.7	22.1	19.5	19.9	20.5	20.9	22.1
x=8H y=12H	23.3	23.6	24.2	24.6	22.4	19.9	20.2	20.8	21.2	22.4
x=12H y=4H	19.9	20.4	20.8	21.3	20.9	18.4	18.9	19.3	19.8	20.9
x=12H y=6H	21.6	22.0	22.6	23.0	22.0	19.5	19.9	20.4	20.8	22.0
x=12H y=8H	22.6	22.9	23.5	23.9	22.5	20.0	20.3	20.9	21.3	22.5