



Laboratorio Prove Fotometriche e Tecnologiche

Photometric Laboratory



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**22<sup>nd</sup> May 2023**

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### Luminous distribution measurement

#### Test item characteristics:

Manufacturer	SLIDE srl
Item code	STILETTO Y 120
Description	Hanging lamp STILETTO Y 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**

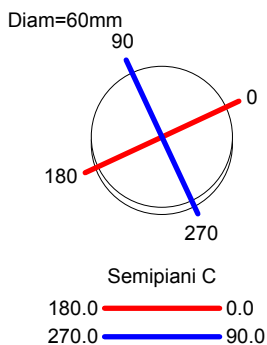
Code STILETTOY120  
 Name Lampada a sospensione verticale STILETTO Y 120cm

**Measurerm.**

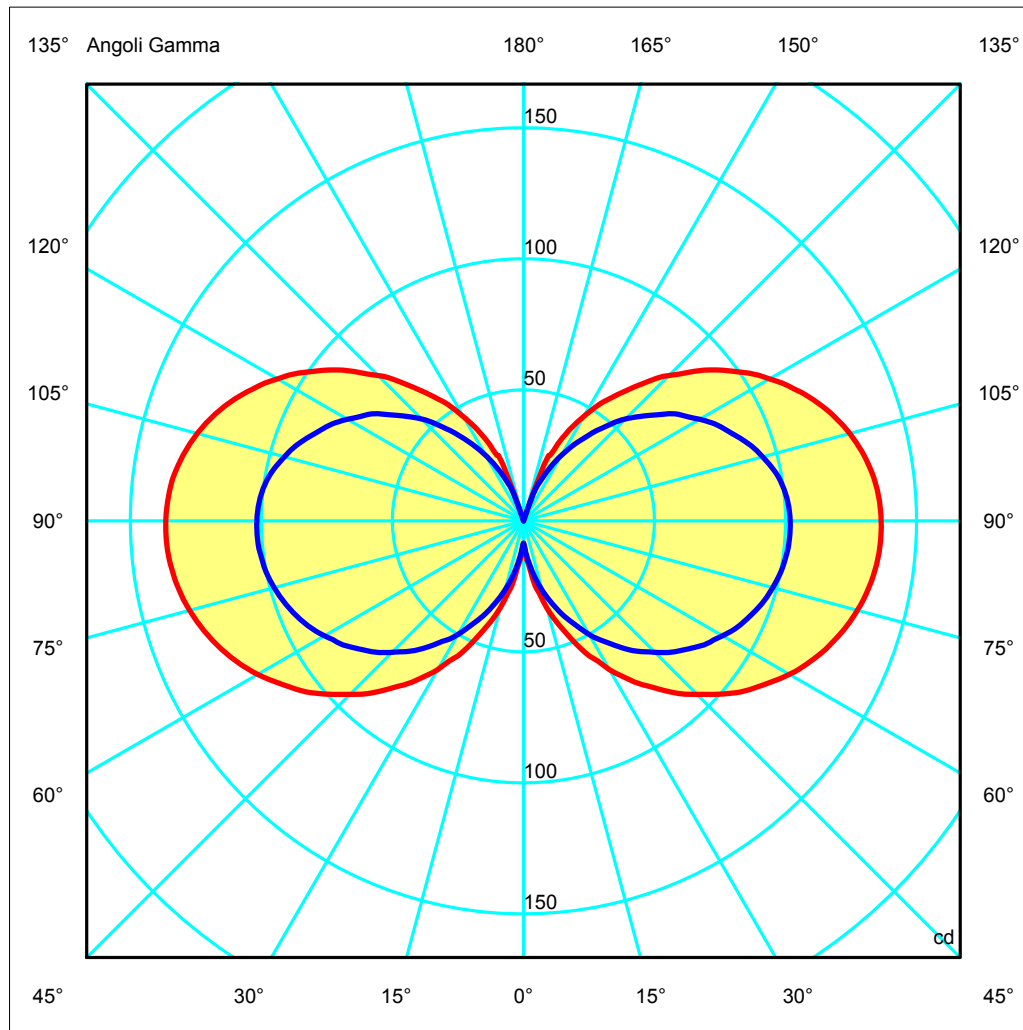
Code CL2941-23-08G2  
 Name Lampada a sospensione verticale STILETTO Y 120cm

Luminaire Flux	1120.36 lm	Luminaire Power	15.00 W	Efficacy	74.69 lm/W	Efficiency	100.00%
Lamps Flux	1120.36 lm	Maximum value	136.51 cd	Position	C=0.00 G=88.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area	Diam. 60 mm Diam. 60 mm	Height	1200 mm	Height	1200 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.002827 m2 0.072000 m2 0.072000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°				0.072000 m2 0.072000 m2 0.070545 m2	
Coordinate system Date Measurement Distance	CG 10-05-2003 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux				Double Symmetrical 180 746.91 lm	
Operator Temperature Humidity Notes		Source Voltage [V] Source current [A] Photocell					

Line	Code	Luminaire Lamps	Flux [lm]	Pow. [W]	Q.ty
	SRILETTOY120	Name Lampada	1120.36	15.00	1
C.I.E.	14 39 68 53 100	D DIN 5040	C11		
F UTE	--	B NBN	BZ 10		



ULOR 46.59 %  
 DLOR 53.41 %  
 RN 46.59 %





**Luminaire**

Code STILETTOY120  
 Name Lampada a sospensione verticale STILETTO Y 120cm  
**Measurem.**  
 Code CL2941-23-08G2  
 Name Lampada a sospensione verticale STILETTO Y 120cm

Luminaire Flux	1120.36 lm	Luminaire Power	15.00 W	Efficacy	74.69 lm/W	Efficiency	100.00%
Lamps Flux	1120.36 lm	Maximum value	136.51 cd	Position	C=0.00 G=88.00	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	8.53	8.53	8.53	8.53	8.53	8.53	8.53	8.53	8.53	8.53
G 2.0	9.91	10.31	10.10	10.28	9.95	9.91	10.27	10.26	10.35	9.53
G 4.0	13.55	13.41	13.54	13.15	12.91	13.03	12.88	12.40	12.48	11.92
G 6.0	16.25	16.73	16.48	16.43	16.37	16.20	15.84	15.48	15.31	14.31
G 8.0	19.42	19.99	20.13	19.83	19.92	19.71	19.35	18.43	18.29	17.04
G 10.0	24.71	24.38	24.12	23.80	23.44	22.62	22.12	21.75	21.03	19.70
G 12.0	27.85	28.31	27.72	27.86	27.09	26.36	25.64	24.92	24.25	22.85
G 14.0	32.11	32.59	31.92	31.24	30.59	30.02	29.29	27.93	26.91	26.07
G 16.0	36.48	36.18	36.12	35.46	34.62	33.65	32.49	31.11	30.21	28.81
G 18.0	40.29	40.26	39.85	38.90	38.98	37.63	35.89	34.53	33.21	31.57
G 20.0	44.12	44.66	43.87	43.44	42.59	40.82	39.28	37.66	36.40	34.70
G 22.0	48.49	48.50	47.92	47.41	46.17	45.01	42.90	40.65	39.38	37.88
G 24.0	53.02	52.63	52.31	51.42	50.05	48.76	46.10	43.83	42.52	40.74
G 26.0	57.38	56.74	56.40	55.65	53.87	51.90	49.72	47.21	45.27	43.53
G 28.0	60.64	61.11	59.90	59.32	57.72	55.48	53.07	50.40	48.24	46.74
G 30.0	65.59	64.91	64.17	63.59	61.72	59.32	56.41	53.59	51.45	49.98
G 32.0	69.37	69.19	68.40	67.23	65.27	62.62	59.97	56.50	54.38	53.16
G 34.0	73.57	72.92	72.53	71.06	69.21	66.16	62.98	59.77	57.06	55.49
G 36.0	77.20	76.82	76.11	74.86	73.11	69.87	66.18	63.00	59.94	58.58
G 38.0	80.75	80.91	79.88	78.82	76.28	73.10	69.35	65.80	62.95	61.61
G 40.0	84.74	84.42	83.87	82.21	79.83	76.20	72.60	68.67	65.88	64.57
G 42.0	88.67	88.16	87.51	85.56	83.49	79.71	75.58	71.45	68.55	67.09
G 44.0	92.05	91.77	91.29	89.33	86.85	83.11	78.31	74.24	70.87	69.55
G 46.0	95.29	95.29	94.05	92.94	90.36	86.05	81.37	76.74	73.59	72.34
G 48.0	98.95	98.97	97.65	96.03	93.33	89.25	84.32	79.35	76.26	74.98
G 50.0	102.45	102.06	101.11	99.08	96.39	91.96	87.04	82.08	78.87	77.20
G 52.0	105.81	105.28	104.44	102.41	99.54	94.98	89.61	84.30	80.81	79.43
G 54.0	108.66	108.33	107.24	105.62	102.40	97.50	91.93	86.83	82.86	81.80
G 56.0	111.37	111.49	110.31	108.45	104.95	100.09	94.29	89.06	85.23	84.04
G 58.0	114.32	114.26	112.90	110.79	107.74	102.55	96.89	91.06	87.06	85.64
G 60.0	117.13	116.73	115.68	113.54	110.20	105.09	98.88	93.21	88.95	87.69
G 62.0	119.77	119.21	118.13	116.17	112.69	107.31	101.22	95.28	90.72	89.68
G 64.0	121.94	121.54	120.60	118.43	114.74	109.29	102.89	96.95	92.49	91.45
G 66.0	124.30	123.86	122.48	120.27	116.81	111.28	104.59	98.51	94.13	92.92
G 68.0	126.17	125.87	124.65	122.37	118.73	113.22	106.38	100.18	95.36	94.28
G 70.0	127.97	127.87	126.58	124.16	120.62	114.84	107.91	101.71	96.77	95.68
G 72.0	129.77	129.30	128.02	125.85	122.30	116.17	109.35	103.03	97.98	96.97
G 74.0	131.14	130.89	129.60	127.21	123.63	117.62	110.62	104.10	99.12	97.99
G 76.0	132.58	132.21	130.89	128.58	124.78	118.89	111.75	105.24	99.97	98.91
G 78.0	133.68	133.26	132.05	129.74	125.96	119.97	112.74	106.22	100.80	99.82
G 80.0	134.67	134.26	132.89	130.62	126.84	120.64	113.55	106.99	101.47	100.50
G 82.0	135.40	135.01	133.66	131.24	127.53	121.34	114.17	107.52	102.05	100.96
G 84.0	136.00	135.53	134.27	131.84	128.01	121.82	114.65	107.97	102.40	101.49
G 86.0	136.39	135.92	134.62	132.20	128.39	122.11	114.91	108.24	102.65	101.72
G 88.0	136.51	136.08	134.79	132.35	128.54	122.22	114.98	108.33	102.72	101.80
G 90.0	136.50	136.05	134.78	132.34	128.52	122.14	114.91	108.26	102.64	101.74
G 92.0	136.25	135.82	134.58	132.11	128.24	121.89	114.66	107.98	102.33	101.51
G 94.0	135.74	135.41	134.17	131.71	127.93	121.42	114.19	107.46	101.84	101.17
G 96.0	135.19	134.65	133.48	131.02	127.15	120.66	113.37	106.56	100.99	100.56
G 98.0	134.18	133.73	132.58	130.13	126.05	119.38	112.25	105.71	100.01	99.59
G100.0	132.90	132.55	131.32	128.86	125.03	118.10	110.82	104.32	98.73	98.55
G102.0	131.53	131.05	129.99	127.31	123.41	116.55	109.22	102.66	97.13	97.08
G104.0	129.71	129.37	128.46	125.71	121.49	114.53	107.07	100.81	95.38	95.32
G106.0	127.97	127.74	126.26	123.74	119.25	112.19	104.79	98.88	93.25	93.62
G108.0	125.70	125.45	124.24	121.34	117.25	109.72	102.30	96.64	91.30	91.74
G110.0	123.51	122.90	122.01	118.86	114.81	107.35	99.96	94.37	89.23	89.52
G112.0	120.73	120.27	119.22	116.17	111.90	104.36	97.02	91.85	87.07	87.25
G114.0	118.09	117.37	116.20	113.47	108.71	101.07	93.79	89.41	84.61	84.88
G116.0	114.90	114.56	113.17	110.08	105.32	97.79	90.81	86.63	82.20	82.93
G118.0	111.96	111.36	109.92	107.01	102.69	94.84	87.79	83.66	79.85	80.35
G120.0	108.41	107.77	106.78	103.32	98.96	91.12	84.18	80.38	77.18	77.62
G122.0	105.19	104.25	102.97	99.99	95.08	87.24	80.91	77.61	74.18	74.66
G124.0	101.35	100.87	99.05	95.71	91.09	83.50	77.12	74.09	71.04	72.38
G126.0	97.35	96.77	95.48	92.37	86.76	79.86	73.40	70.20	67.96	69.64
G128.0	93.62	93.02	91.56	88.10	83.56	75.89	70.20	67.95	65.06	65.95
G130.0	89.35	88.71	87.48	84.24	79.15	71.52	66.77	64.10	61.90	62.65
G132.0	84.88	84.49	82.98	79.60	74.66	68.15	63.12	60.51	58.47	59.58
G134.0	80.20	80.46	78.61	75.26	70.75	65.07	59.75	56.91	55.22	56.53
G136.0	76.69	76.31	74.15	71.23	66.43	61.71	55.81	53.91	52.11	53.40
G138.0	71.93	71.17	69.65	66.84	63.01	57.55	52.04	50.35	48.62	49.69
G140.0	67.13	66.33	65.50	62.43	59.56	52.98	48.48	46.53	44.95	45.93
G142.0	62.90	62.72	60.64	58.87	56.02	48.96	44.29	42.93	41.30	42.65
G144.0	58.72	58.19	57.13	55.39	51.37	44.62	40.39	39.58	37.92	38.84



**Luminaire**

Code STILETTOY120  
 Name Lampada a sospensione verticale STILETTO Y 120cm

**Measur.**

Code CL2941-23-08G2  
 Name Lampada a sospensione verticale STILETTO Y 120cm

Luminaire Flux	1120.36 lm	Luminaire Power	15.00 W	Efficacy	74.69 lm/W	Efficiency	100.00%
Lamps Flux	1120.36 lm	Maximum value	136.51 cd	Position	C=0.00 G=88.00	CG	Double Symmetrical

**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	54.94	54.31	53.64	51.07	46.61	40.32	36.01	35.94	34.78	35.77
G148.0	50.90	50.21	49.07	46.17	42.21	35.73	31.86	31.95	31.31	32.22
G150.0	45.85	45.48	44.42	41.82	37.51	31.70	28.05	27.94	27.74	28.89
G152.0	41.95	41.08	39.80	37.01	33.71	27.13	24.01	24.66	23.94	25.61
G154.0	36.96	36.13	34.95	32.16	28.92	22.89	19.74	20.93	20.19	21.93
G156.0	32.02	31.42	30.42	27.96	24.27	18.97	15.67	16.25	17.15	18.19
G158.0	26.95	26.66	25.90	23.49	19.69	14.59	11.76	13.00	13.84	15.10
G160.0	22.84	22.27	21.46	19.22	15.83	10.47	8.12	9.75	10.05	11.02
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



**Luminaire**

Code STILETTOY120  
 Name Lampada a sospensione verticale STILETTO Y 120cm

**Measurement**

Code CL2941-23-08G2  
 Name Lampada a sospensione verticale STILETTO Y 120cm

Luminaire Flux	1120.36 lm	Luminaire Power	15.00 W	Efficacy	74.69 lm/W	Efficiency	100.00%
Lamps Flux	1120.36 lm	Maximum value	136.51 cd	Position	C=0.00 G=88.00	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	11.6	12.7	12.5	13.6	13.2	10.2	11.2	11.0	12.1	13.2
x=2H y=3H	14.4	15.4	15.3	16.3	15.8	12.8	13.7	13.6	14.6	15.8
x=2H y=4H	15.9	16.8	16.8	17.7	17.1	14.1	15.0	15.0	15.9	17.1
x=2H y=6H	17.2	18.1	18.2	19.0	18.4	15.4	16.2	16.3	17.2	18.4
x=2H y=8H	17.9	18.7	18.8	19.7	19.0	16.1	16.9	17.0	17.8	19.0
x=2H y=12H	18.6	19.4	19.5	20.3	19.6	16.7	17.5	17.6	18.4	19.6
x=4H y=2H	12.5	13.4	13.4	14.3	14.5	11.5	12.4	12.4	13.3	14.5
x=4H y=3H	15.5	16.2	16.4	17.2	17.1	14.2	15.0	15.1	15.9	17.1
x=4H y=4H	17.0	17.7	18.0	18.7	18.5	15.6	16.3	16.5	17.3	18.5
x=4H y=6H	18.6	19.2	19.5	20.2	19.9	17.0	17.6	17.9	18.6	19.9
x=4H y=8H	19.3	19.9	20.3	20.9	20.5	17.7	18.3	18.6	19.3	20.5
x=4H y=12H	20.1	20.6	21.0	21.6	21.2	18.4	18.9	19.3	19.9	21.2
x=8H y=4H	17.5	18.1	18.5	19.1	19.3	16.4	17.0	17.4	18.0	19.3
x=8H y=6H	19.3	19.8	20.3	20.8	20.9	18.0	18.6	19.0	19.6	20.9
x=8H y=8H	20.3	20.7	21.2	21.7	21.6	18.9	19.3	19.9	20.3	21.6
x=8H y=12H	21.2	21.6	22.2	22.6	22.4	19.7	20.1	20.7	21.1	22.4
x=12H y=4H	17.6	18.2	18.6	19.2	19.5	16.6	17.2	17.6	18.2	19.5
x=12H y=6H	19.5	20.0	20.5	21.0	21.1	18.4	18.8	19.3	19.8	21.1
x=12H y=8H	20.5	20.9	21.5	21.9	22.0	19.3	19.7	20.3	20.7	22.0