

SCORTA 1X4

multiline®



Additional Scorta products may be found in the WALL-MOUNTED section.

Catalog Number

FIXTURE

SCO-14 – Scorta 1'x4' fixture

VOLTAGE

120 – 120 Volt

277 – 277 Volt

EXAMPLE: SCO-14-120

Specifications

CONSTRUCTION

Luminaire frame constructed of extruded aluminum. Corners are fastened together with internal brackets.

FINISH

Fixture is anodized aluminum.

SHIELDING

Lamps are shielded with acrylic diffusers,

above and below the lamps. Upper diffuser is clear and lower diffuser is opalescent. Diffusers provide a stripe effect on the bottom panel from the evenly spaced lamps.

ELECTRICAL

Specify 120 or 277 volt. Fixture and all electrical components are U.L./C.U.L. damp location listed. Fixture is supplied with integral electronic ballast.

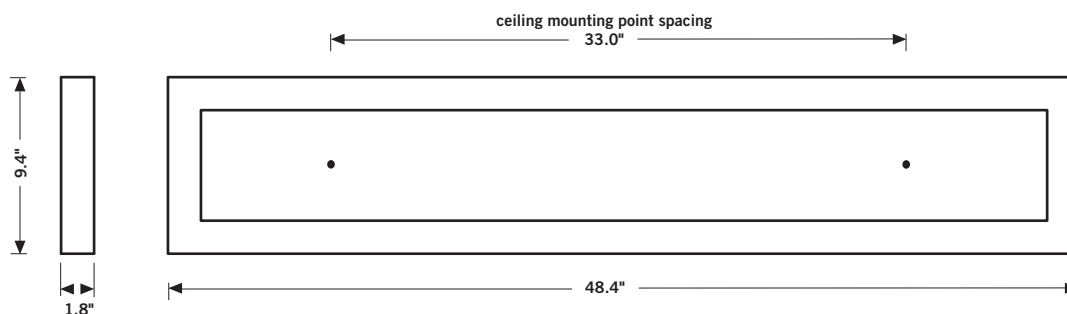
LAMPING

(2) 28 watt T5 fluorescent lamps. Lamps not included.

MOUNTING

Fixture is mounted with 72" fully adjustable, Y shaped aircraft cables. Cables anchor to fixture at four points and to the ceiling at two points as shown below.

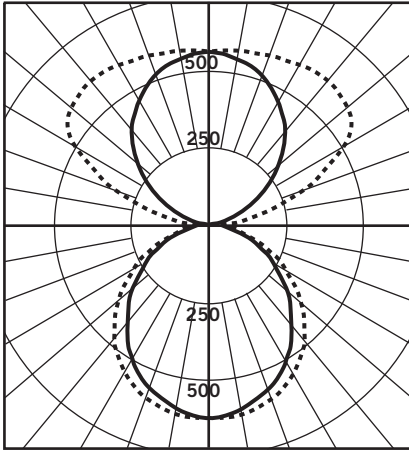
Dimensions



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Photometrics



CANDELA DISTRIBUTION

	0	45	90
0	625	625	625
5	624	622	621
15	611	603	593
25	580	561	541
35	524	499	469
45	443	416	384
55	345	322	292
65	238	222	200
75	135	125	111
85	42	38	30
95	22	20	7
105	23.3	187	59
115	421	360	152
125	572	443	252
135	605	490	345
145	601	524	425
155	592	547	488
165	578	557	532
175	581	557	556
180	556	556	556

LUMINAIRE

Description: Scorta 1x4 with (2) 28 watt lamps.

Catalog Number: SCO-14-120

Efficiency: 66.6%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	487.5	8.4	12.6
0 - 40	798.5	13.8	20.7
0 - 60	1404.6	24.2	36.4
60 - 90	392.2	6.8	10.2
0 - 90	1796.8	31.0	46.5
90 - 180	2065.9	35.6	53.5
0 - 180	3862.8	66.6	100.0

LUMINANCE (Candela / sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	2749	2583	2382
55	2634	2461	2235
65	2474	2305	2071
75	2290	2123	1877
85	2131	1926	1518

COEFFICIENTS OF UTILIZATION

PCC	80				70				50			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0
RCR															
0	.71	.71	.71	.71	.65	.65	.65	.65	.54	.54	.54	.35	.35	.35	.31
1	.64	.62	.59	.57	.59	.57	.54	.52	.47	.46	.44	.31	.30	.29	.26
2	.59	.54	.49	.46	.54	.49	.46	.43	.41	.39	.36	.27	.26	.25	.21
3	.53	.47	.42	.38	.49	.43	.39	.36	.36	.33	.30	.24	.22	.21	.18
4	.49	.43	.36	.32	.45	.38	.34	.30	.32	.29	.26	.21	.19	.18	.15
5	.45	.37	.31	.27	.41	.34	.29	.26	.29	.25	.22	.19	.17	.15	.13
6	.41	.33	.28	.24	.38	.31	.26	.22	.26	.22	.19	.17	.15	.14	.12
7	.38	.30	.24	.21	.35	.28	.23	.19	.23	.20	.17	.16	.14	.12	.10
8	.35	.27	.22	.18	.32	.25	.20	.17	.21	.18	.15	.14	.12	.11	.09
9	.33	.25	.20	.16	.30	.23	.18	.15	.19	.16	.13	.13	.11	.10	.08

Installation instructions may be found at www.energielighting.com.

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