

SCORTA 2X2

multiline®



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

Catalog Number

FIXTURE

SCO-22 – Scorta 2'x2' fixture

VOLTAGE

120 – 120 Volt

277 – 277 Volt

EXAMPLE: SCO-22-120

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.

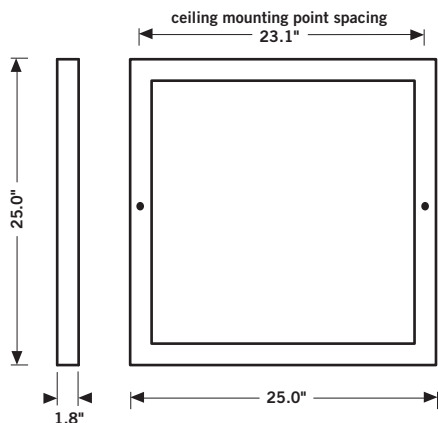
LAMPING

(4) 14 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.

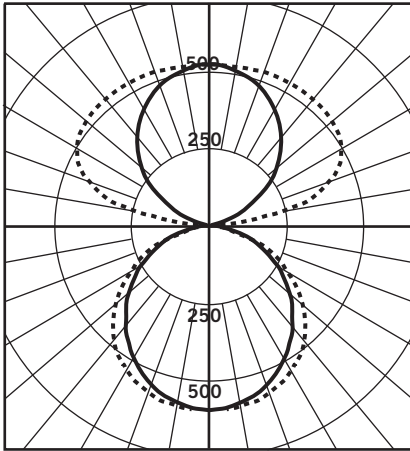
Dimensions



SCORTA 2X2



Photometrics



CANDELA DISTRIBUTION

	0	45	90
0	598	598	598
5	597	596	595
15	586	579	571
25	561	543	525
35	514	488	460
45	443	414	382
55	351	325	296
65	245	226	205
75	136	126	113
85	37	34	31
95	59	50	7
105	348	233	58
115	470	336	145
125	518	397	238
135	533	440	324
145	535	473	398
155	532	498	456
165	528	513	496
175	521	518	516

LUMINAIRE

Description: Scorta 2x2 with (4) 14 watt lamps.

Catalog Number: SCO-22-120

Efficiency: 70.0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	470.2	8.7	12.4
0 - 40	774.9	14.4	20.5
0 - 60	1383.0	25.6	36.6
60 - 90	394.6	7.3	10.4
0 - 90	1777.6	32.9	47.0
90 - 180	2001.5	37.1	53.0
0 - 180	3779.1	70.0	100.0

LUMINANCE (Candela / sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	2148	2006	1854
55	2099	1940	1769
65	1989	1832	1661
75	1803	1667	1503
85	1445	1339	1211

COEFFICIENTS OF UTILIZATION

PCC	80				70				50			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0
PW															
RCR															
0	.74	.74	.74	.74	.68	.68	.68	.68	.57	.57	.57	.37	.37	.37	.33
1	.68	.65	.62	.59	.62	.60	.57	.55	.50	.48	.47	.33	.32	.31	.27
2	.62	.56	.52	.48	.56	.52	.48	.45	.43	.41	.38	.29	.27	.26	.23
3	.56	.49	.44	.40	.51	.45	.41	.37	.38	.35	.32	.25	.23	.22	.19
4	.51	.44	.38	.34	.47	.40	.35	.31	.34	.30	.27	.22	.20	.19	.16
5	.47	.39	.33	.29	.43	.36	.31	.27	.30	.26	.23	.20	.18	.16	.14
6	.43	.35	.29	.25	.39	.32	.27	.23	.27	.23	.20	.18	.16	.14	.12
7	.40	.31	.26	.22	.36	.29	.24	.20	.25	.21	.18	.17	.14	.13	.11
8	.37	.28	.23	.19	.34	.26	.21	.18	.22	.18	.16	.15	.13	.11	.10
9	.34	.26	.20	.17	.32	.24	.19	.16	.20	.17	.14	.14	.12	.10	.09

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

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