# **EE/FF SERIES RS/SL**

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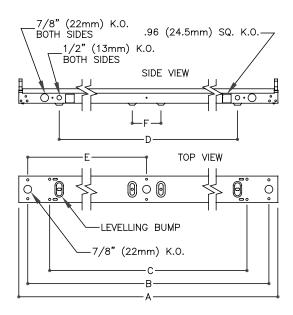
## OPEN INDUSTRIAL RS OR SL 48'', 96'' LENGTHS 1 OR 2 LAMP IN A LUMINAIRE CROSS-SECTION RAPID START OR SLIMLINE

#### **Features**

- Reflector is embossed for rigidity
- Reflector sides are turned up for rigidity and safe handling
- Solid top reflector, standard
- 10% aperture reflector, optional
- 4-1/4" wide housing channel
- Fully enclosed wiring
- Combination end cap for continuous row mounting.
- Convenience outlet and switch K.O.s provided
- Optional hangers, wire guards and aligners.
- Optional heavy duty coupling.

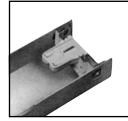


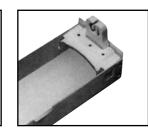
#### Dimensions



Nom.Length	A	В	С	D	E	F
96"	96"	93 15/16"	89 1/16"	86 15/16"	47"	3 3/16"
	(2438mm)	(2386mm)	(2262mm)	(2208mm)	(1194)	(81mm)
48"	48"	45 15/16"	41 1/16"	38 15/16"	23"	3 3/16"
	(1219mm)	(1167mm)	(1043mm)	(989mm)	(584mm)	(81mm)

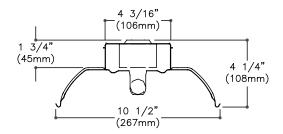
### Mounting Methods/Features

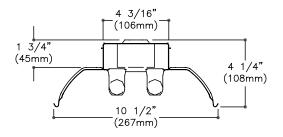




Flipstrip - shipping position

Flipstrip - shipping position





#### **Job Information**

### Job Name:

Job Name: Cat. No.:

Lamp(s):

Volts/Ballast:

C.F.I. FLUORESCENT A CANLYTE BRAND

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Type:

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#### **EE/FF SERIES RS/SL** OPEN INDUSTRIAL RS OR SL 48'', 96'' LENGTHS **1 OR 2 LAMP IN A LUMINAIRE CROSS-SECTION RAPID START OR SLIMLINE** PHOTOMETRY MODEL NO. EE248-12050 LIGHTING SCIENCES CANADA LTD. 440 PHILLIP ST. UNIT 19 WATERLOO, ONTARIO CANADA N2L 5R9 LIGHTING SCIENCES CANADA LTD. 44D Phillip St., Unit 19, Waterloo, Ont., Canada N2L 589 Tel: (519) 746-3140 Fax:(519) 746-3156 CERTIFIED TEST REPORT NO. LSC6287 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\* CERTIFIED TEST REPORT NO. LSC6287 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\* CFI INDOOR FLUORESCENT FIXTURE CAT. NO. EE248-12050 WITH SOLID WHITE PAINTED REPLECTOR TWO F3278/TL841 32H T8 FLUORESCENT LAMPS. LUMEN RATING = 3050 LMS. ADWANCE 120V 1-OR-2-LAMP ELECTRORIC BALLAST NO. NEL-2P32-RH-TP CFI INDOOR FLUORESCENT FIXTURE CAT. NO. EE248-12080 WITH SOLID WHITE PAINTED REFLECTOR TWO F32787/1241 32M T8 FLUORESCENT LAMPS. LIMEN RATING - 3050 LMS. ADVANCE 120V 1-OR-2-LAMP ELECTRONIC BALLAST NO. REL-2932-RH-TP ACROSS CANDLEPOWER SUMMARY OUTPUT LUMENS 22:50 1507 1493 1458 1432 1384 1322 1257 1182 1099 1009 910 813 714 55 460 315 13] 29 45 1510 1522 1498 1487 1487 1487 1487 1488 1309 1246 1177 1086 877 520 292 986 877 520 292 996 67.5 1510 1517 1536 1514 1488 1497 1349 1497 1349 1992 954 485 237 7 237 214 1510 1507 1481 1449 1467 1357 1293 1207 1125 1025 1025 923 798 688 547 419 300 160 469 6 1510 1511 1513 1523 1512 1507 1475 1449 1423 1375 1233 1117 953 727 469 215 57 7 COEFFICIENTS OF UTILIZATION 146 ZONAL CAVITY METHOD 421 EFFECTIVE FLOOR CAVITY REFLECTANCE = .20 662 843 80 70 50 CC 80 70 WALL 70 50 30 10 70 50 30 10 50 30 10 944 50 30 10 50 30 10 939 RCR 805 483 0 1.051.051.051.05 1.021.021.021.02 .98 .98 .98 .93 .93 .93 .90 .90 .88 115 1 .96 .91 .88 .84 .93 .89 .86 .83 .86 .83 .80 .82 .80 .78 .79 .77 .75 .74 2 .87 .79 .73 .68 .84 .78 .72 .67 .74 .70 .66 .72 .68 .64 .69 .66 .63 .61 ZONAL LUMENS AND PERCENTAGES %LUMINAIRE 22.95 38.67 73.80 100.00 61.33 26.20 .00 100.00 3 .79 .69 .62 .56 .77 .68 .61 .56 .66 .60 .55 .63 .58 .54 .61 .57 .53 .51 ZONE 0-30 0-40 0-50 0-90 40-90 60-90 90-180 0-380 LUMENS 1229 2072 3954 5358 3286 1403 % LAMP 20.16 33.97 64.84 87.85 53.88 23.01 .00 87.85 4 .72 .61 .53 .47 .70 .60 .53 .47 .58 .51 .46 .56 .50 .46 .54 .49 .45 .43 5 .65 .54 .45 .39 .63 .53 .45 .39 .51 .44 .39 .49 .43 .38 .47 .42 .38 .36 6 .60 .48 .40 .34 .58 .47 .39 .33 .45 .38 .33 .44 .37 .33 .42 .37 .32 .31 5358 7 .55 .43 .35 .29 .53 .42 .34 .29 .40 .33 .29 .39 .33 .28 .38 .32 .28 .26 \*\* EFFICIENCY = 87.8% \*\* 8 .50 .38 .30 .25 .49 .37 .30 .25 .36 .29 .25 .35 .29 .24 .34 .28 .24 .22 PAINT REFLECTANCE = .06 S/MH = 1.5 SC(ALONG) = 1.3, SC(ACROSS) = 1.5 5Q. M. 9 .46 .34 .26 .21 .45 .34 .26 .21 .32 .26 .21 .31 .25 .21 .30 .25 .21 .19 CERTIFIED BY: Charles Sisson DATE: DEC 18, 1995 ALONG 4419 4143 3728 3116 1135 ACROS 6222 6876 7218 5800 2102 10 .43 .31 .23 .19 .42 .30 .23 .19 .29 .23 .18 .29 .22 .18 .26 .22 .18 .17 45 5446 5759 6169 5669 2518 45 55 65 75 85 DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES LUMINAIRE INPUT WATTS = 55.5 LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE. BALLAST FACTORS HAVE NOT BEEN APPLIED. PREPARED FOR: CANADIAN FLUORESCENT INDUSTRIES CORNWALL, ONTARIO TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE. Ordering Information Explanation of Catalogue Number Example: EE248-120SO EE 120 2 SO 48 NUMBER OF LAMPS LAMP/FIXTURE **VOLTAGE:** OPEN **BALLAST TYPE:** OPTIONS: LENGTH/WATT: INDUSTRIAL: **IN A LUMINAIRE** 120, 277 CW\* Mag. T12 cold weather Add appropriate suffix 48=nominal 48 Flat reflector **CROSS-SECTION:** 347 1 or 2 Lamp Elect. T8 to catalog no. SO 32W T8 or 34W T12 4-1/2'' wide SC\* Elect. T8 cold weather 1 48T=nominal 96' X 1-5/8" deep channel 4 Lamp Elect. T8 2 04 32W T8 or 34W T12 **EE**=Solid Top Reflector LOL dimming T8 Elect. PS (tandem) (standard) \* Not available for SL 96S=nominal 96'' FF=10% up-light Relfector 59W T8 SL or 75W T12 SL **OPTIONS/ACCESSORIES** CANOPY SPACER (1-1/2") TWIST TEE HANGER Suspends luminaire approxi-For installation of $4-1/2^4$ mately 1-1/2" from surface. wide (channel) luminaire on Catalogue Number: STSK exposed "T" grid ceilings or STEM AND CANOPY SETS CHAIN HANGER KIT WIRE GUARDS hard surfaces. Provides 1-1/2" Two 24" heavy duty link chains with sturdy "V" hooks that grip Suspends luminaire 12", 18", Hinge and latch positive-lock clearance from surface. Cata-24", 36", 48" from surface and construction, complete with logue Number: **EE9H1** luminaires at four knockout can be used in conjunction with longitudinal and transverse points for level suspension Heavy Duty Slide Grip Hanger. struts for secure protection. **REFLECTOR ROW ALIGNERS BALLAST OPTIONS:** For Catalogue Number: Catalogue Number: EE9HC Cat. Number **EE9G4** Tough, plastic aligners for lumi-STKF12 (12"), STKF18 (18"), other ballast options, consult naire reflectors. STKF24 (24"), STKF36 (36"), ballast specification sheet Catalogue Number: STKF48 (48''). (folio BA-1-02) EE9RA

#### **SPECIFICATIONS**

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel, 1-3/4" deep X 4-1/4" wide channel.

**REFLECTOR:** Heavy duty die-formed with deep lateral embossments and return edges for additional stability and uniformity and two quick release quarter turn edges for additional stability and uniformity and two quick release quarter turn fastener for attachment to housing.

FINISH: Chassis baked polyester white enamel. Phosphate undercoating. Reflector-baked white polyester enamel minimum 85% reflectance.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90° LABELS: Listed by CSA.

#### Job Information

Type:

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