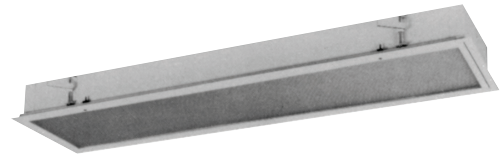


# Enclosed, shielded illumination for wet locations.

## RVS SERIES RECESSED FLUORESCENT



1' X 4' RECESSED FLUORESCENT  
WET LOCATION  
STATIC WITH GASKET, 1 OR 2 LAMP T8 OR T12

Neoprene gasketed fluorescent listed for damp and wet location.  
Door frame and body are comprised of 20 gauge steel and includes  
inverted K12 lens for easy cleaning.

Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Catalog No: \_\_\_\_\_  
Fixture Type: \_\_\_\_\_  
Mfg: \_\_\_\_\_ Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

### Ordering Guide

Explanation of Catalog Number Example: RVS1FFSVB232120SO

| Family                               | Static                         | Fixture Width                  | Ceiling Type                       | Door Frame                      | Lens/Sheilding Designation                                                                  | Lamp Quantity             | Lamp/ Fixture Length                    | Voltage                                                  | Ballast Type                                                                             | Options                                                                                                  |
|--------------------------------------|--------------------------------|--------------------------------|------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input type="text" value="RV"/>      | <input type="text" value="S"/> | <input type="text" value="1"/> | <input type="text"/>               | <input type="text" value="FS"/> | <input type="text"/>                                                                        | <input type="text"/>      | <input type="text"/>                    | <input type="text"/>                                     | <input type="text"/>                                                                     | <input type="text"/>                                                                                     |
| RV Wet Location Recessed Fluorescent | S = Static                     | 1 = Nominal 12"                | F = Flanged or Drywall<br>G = Grid | FS = Flush Steel                | VB = 0.125" Pattern 12 Acrylic Lens (Standard)<br>VX = 0.125" Pattern 12 Polycarbonate Lens | 1 = 1 Lamp<br>2 = 2 Lamps | 32 = 32W T8<br>34 = 34W T12 Nominal 48" | UNV = 120/277V<br>120 = 120V<br>277 = 277V<br>347 = 347V | LE<br><20THD<br>SO*<br>PS<br>RO**<br>—<br>Instant Start Standard<br>Rapid Start Standard | 1 or 2 Lamp Mag. T12<br>1 or 2 Lamp Elect. T8 LOL T8 Dimming<br>Add Appropriate Suffix to Catalog Number |

# RVS SERIES RECESSED FLUORESCENT

## Features

- 61.6% efficient.
- Neoprene gasket all around.
- Full flush steel hinged lens frame.
- Comes with mounting bracket (for F type).
- Lens frame held with screws.
- Twin knockout access plate.
- Optional tamper proof screws (consult your Philips Lighting representative).
- Snap-in ballast cover.
- CSA certified for wet location.

## Specifications

**Performance:** In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .66. To reduce glare the average luminance at 65 shall not exceed 2449 candelas per square meter. To control veiling reflections, luminaire output in the 40°–90° zone shall be not less than 64.6%.

**Materials:** Chassis parts are die-formed code gauge cold rolled steel.

**Chassis Exterior:** Chassis exterior—white baked polyester enamel. Phosphate undercoating.

**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.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org)

## Options/Accessories

### Lens/shielding:

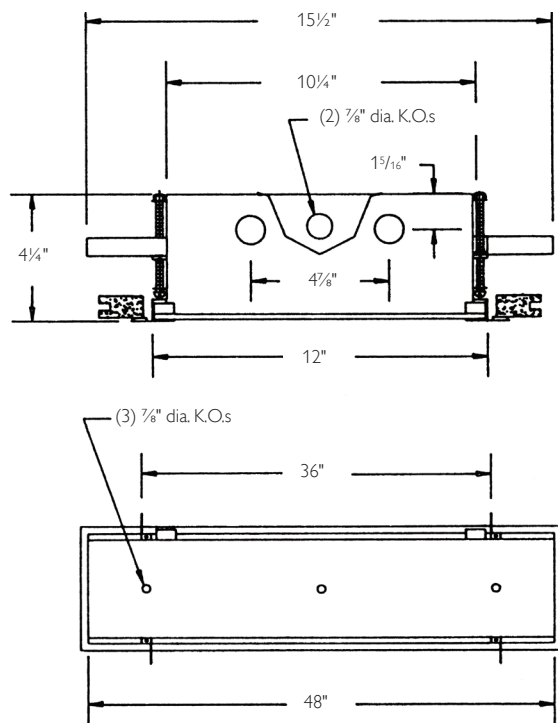
**VB:** Prismatic acrylic lens, pattern 12, .125" nominal thickness.

**VX:** Polycarbonate lens, pattern 12, .125" nominal thickness.

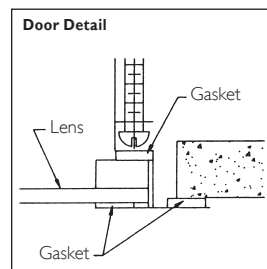
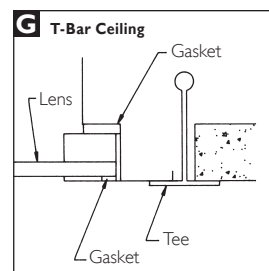
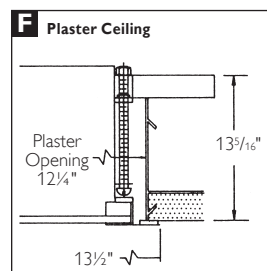
**Radio Interference Filter:** 120, 277 or 347 volt, 50 or 60 Hz. SUFFIX: **R**.

**Ballast Options:** For other ballast options, consult your Philips Lighting representative.

## Dimensions



## Mounting Methods



# RVS SERIES RECESSED FLUORESCENT

## Performance

### Model No. RVSIFVA240120SO

Report Number: LSC5789

Catalog Number: RVSIFVA240120SO

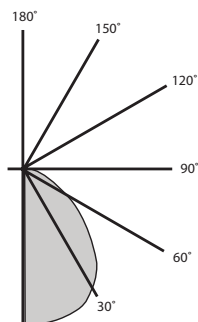
Lamp: (2) F32T8/TL841

Luminaire Input Watts: 54.5

Ballast: Advance REL-2P32-RH-TP

Report is based on 3050 lumens per lamp.

Efficiency: 61.6%



#### Candela Distribution

| Angle | 0.0  | 22.5 | 45.0 | 67.5 | Across | Output Lumens |
|-------|------|------|------|------|--------|---------------|
| 0     | 1704 | 1704 | 1704 | 1704 | 1704   | 164           |
| 5     | 1696 | 1696 | 1699 | 1705 | 1693   |               |
| 10    | 1681 | 1680 | 1689 | 1689 | 1685   |               |
| 15    | 1642 | 1638 | 1664 | 1667 | 1658   |               |
| 20    | 1582 | 1596 | 1612 | 1609 | 1614   |               |
| 25    | 1521 | 1518 | 1536 | 1533 | 1524   | 699           |
| 30    | 1416 | 1421 | 1435 | 1416 | 1395   |               |
| 35    | 1279 | 1281 | 1284 | 1254 | 1225   |               |
| 40    | 1116 | 1116 | 1110 | 1075 | 1056   |               |
| 45    | 928  | 923  | 915  | 879  | 870    |               |
| 50    | 720  | 726  | 716  | 694  | 669    | 480           |
| 55    | 534  | 557  | 547  | 524  | 490    |               |
| 60    | 395  | 404  | 373  | 370  | 361    |               |
| 65    | 289  | 273  | 239  | 252  | 262    |               |
| 70    | 218  | 196  | 154  | 177  | 201    |               |
| 75    | 176  | 144  | 123  | 130  | 167    | 148           |
| 80    | 121  | 92   | 85   | 94   | 114    |               |
| 85    | 51   | 49   | 51   | 47   | 46     |               |
| 90    | 0    | 0    | 0    | 0    | 0      |               |

#### Coefficients of Utilization

| Ceiling           | 80%                                                           |    |    | 50% |    |    | 30% |    |    |    |
|-------------------|---------------------------------------------------------------|----|----|-----|----|----|-----|----|----|----|
| Wall              | 70                                                            | 50 | 30 | 50  | 30 | 10 | 50  | 30 | 10 |    |
| RCR               | Zonal Cavity Method—Effective Floor Cavity Reflectance = 0.20 |    |    |     |    |    |     |    |    |    |
| Room Cavity Ratio | 1                                                             | 68 | 66 | 64  | 62 | 60 | 59  | 60 | 58 | 57 |
|                   | 2                                                             | 63 | 59 | 56  | 56 | 53 | 51  | 54 | 52 | 50 |
|                   | 3                                                             | 59 | 53 | 49  | 51 | 47 | 45  | 49 | 46 | 44 |
|                   | 4                                                             | 54 | 48 | 43  | 46 | 42 | 39  | 44 | 41 | 39 |
|                   | 5                                                             | 50 | 43 | 38  | 41 | 37 | 34  | 40 | 36 | 34 |
|                   | 6                                                             | 47 | 39 | 34  | 37 | 33 | 30  | 36 | 33 | 30 |
|                   | 7                                                             | 43 | 35 | 31  | 34 | 30 | 27  | 33 | 29 | 27 |
|                   | 8                                                             | 40 | 32 | 27  | 31 | 27 | 24  | 30 | 26 | 23 |
|                   | 9                                                             | 37 | 29 | 24  | 28 | 24 | 21  | 27 | 23 | 21 |
|                   | 10                                                            | 34 | 26 | 22  | 25 | 21 | 18  | 25 | 21 | 18 |

#### Luminance Data in Candela/Sq. Meter

| Average in Deg. | Average 0 Deg. | Average 45 Deg. | Average 90 Deg. |
|-----------------|----------------|-----------------|-----------------|
| 45              | 4361           | 4316            | 4106            |
| 55              | 3093           | 3183            | 2852            |
| 65              | 2272           | 1882            | 2071            |
| 75              | 2263           | 1585            | 2158            |
| 85              | 1943           | 1960            | 1768            |

#### Zonal Lumen Summary

| Zone   | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30   | 1329   | 21.80  | 35.39  |
| 0-40   | 2118   | 34.73  | 56.40  |
| 0-60   | 3293   | 53.99  | 87.67  |
| 0-90   | 3756   | 61.58  | 100.0  |
| 40-90  | 1637   | 26.85  | 43.60  |
| 60-90  | 463    | 7.60   | 12.33  |
| 90-180 | 0      | 0.00   | 0.00   |
| 0-180  | 3756   | 61.58  | 100.00 |



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