



The Gardco LED step and aisle lights 941L, 942L & 943L are architecturally styled luminaires precisely constructed of die cast aluminum, providing light with high performance, long life LED systems. Retrofit kits are also available, making it possible to update installations of classic 941, 942 and 943 Gardco fluorescent and HID step lights to LED without the need to replace the back housing. A field adjustable junction box enhances design flexibility. Self-compensating silicone gasketing completely excludes moisture, insects and contaminants. A choice of three (3) architecturally designed faceplates allows for a variety of applications. The ribbed guard faceplate offers vandal protection for glass lenses.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Complete luminaire consists of a luminaire & back-box (each must be purchased separately)

Ordering guide

example: 941L-21L-CW-D-LV-120-F-BZ

| Prefix | Wattage | Color Temp Generation | Wall Type | Faceplates | Voltage | Options | Finish |
|---|---|---|---|---|--|---|---|
| Complete Luminaires | 21L 21W, integral lens array (350mA) | CW Cool White 5000K, 70CRI | D Drywall ¹ Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" away from luminaire. Type D units are thermally protected. Non-IC luminaire. | LV Louver DG1 Diffuse Glass RGD Ribbed Guard with Diffuse Glass ¹ | 120 120V ⁴ 277 277V ⁴ UNV 120-277V ⁵ 50hz/60hz | F Fusing (provide specific input voltage) TP Tamper Resistant Screws | BZ Textured bronze WH Textured white BK Textured black DGY Dark grey OC Optional color (specify the RAL designation) ex: OC-RAL7024 SC Special color paint (must supply color chip to specify) |
| 941L Horizontal ¹ 942L Horizontal 943L Vertical | | | | | | | |
| Retrofit Kits¹ | 31L 31W, integral lens array (530mA) | NW Neutral White 4000K, 70CRI WW Warm white 3000K, 70CRI | C Concrete Pour ¹ Suitable for concrete pour applications only. | | | | |
| RK-941L Horizontal ^{1,2} RK-942L Horizontal ² RK-943L Vertical | | | | | | | |

1. 941L and RK-941L are not available with the RGD faceplate.
2. Retrofit kits are available in Wall Type "C" only (Concrete Pour.) Retrofit kits are not available for existing Wall Type "D" (Drywall) luminaires.
3. 941L is not available in 40LA (700mA) LED wattage. Lumen values shown are based on Bronze painted faceplates. Values will vary based on the faceplate color.
4. Wall Type D luminaires only.
5. UNIV means 120V through 277V input.
6. Back box (order separately, field installed)

Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

Back box (order separately, field installed)

| | |
|----------------------------|--|
| 941L D HSG/HWK ASSY | Back box for 941L drywall application |
| 941L C HSG/HWK ASSY | Back box for 941L concrete application |
| 942L D HSG/HWK ASSY | Back box for 942L drywall application |
| 942L C HSG/HWK ASSY | Back box for 942L concrete application |
| 943L D HSG/HWK ASSY | Back box for 943L drywall application |
| 943L C HSG/HWK ASSY | Back box for 943L concrete application |



941L, 942L & 943L 94 Line series

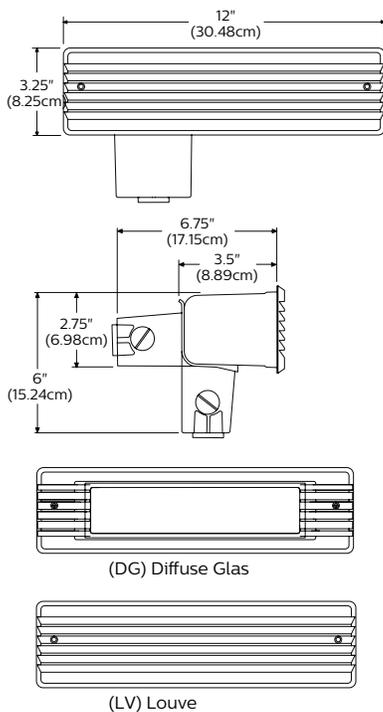
Landscape

LED Wattage and Lumen Values

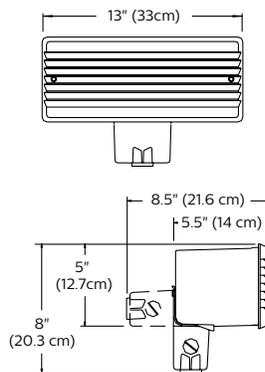
| | Neutral White | | | | | | | | Cool White | | | | | | | | Warm White | | | | | | | |
|----------------|---------------|--------|---------|--------|--------|---------|--------|--------|------------|--------|---------|--------|--------|---------|--------|--------|------------|--------|---------|--------|--------|---------|--------|--------|
| | 942-LV | 942-DG | 942-RGD | 943-LV | 943-DG | 943-RGD | 941-LV | 941-DG | 942-LV | 942-DG | 942-RGD | 943-LV | 943-DG | 943-RGD | 941-LV | 941-DG | 942-LV | 942-DG | 942-RGD | 943-LV | 943-DG | 943-RGD | 941-LV | 941-DG |
| Lumens | | | | | | | | | | | | | | | | | | | | | | | | |
| 36-530-BZ | 178 | 1037 | 344 | 315 | 1037 | 344 | 157 | 794 | 182 | 1061 | 352 | 322 | 1061 | 352 | 161 | 813 | 174 | 1011 | 335 | 307 | 1011 | 335 | 153 | 774 |
| 36-530-WH | 323 | 1202 | 622 | 693 | 1202 | 398 | 455 | 920 | 331 | 1230 | 637 | 709 | 1230 | 408 | 466 | 942 | 315 | 1172 | 606 | 676 | 1172 | 388 | 443 | 897 |
| 36-350-BZ | 122 | 711 | 236 | 216 | 711 | 236 | 108 | 544 | 125 | 727 | 241 | 221 | 727 | 241 | 110 | 557 | 119 | 693 | 230 | 210 | 693 | 230 | 105 | 531 |
| 36-350-WH | 222 | 824 | 426 | 475 | 824 | 273 | 312 | 631 | 227 | 843 | 436 | 486 | 843 | 279 | 319 | 646 | 216 | 803 | 416 | 463 | 803 | 266 | 304 | 615 |
| Wattage | | | | | | | | | | | | | | | | | | | | | | | | |
| 36-530-BZ | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| 36-530-WH | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| 36-350-BZ | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 36-350-WH | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |

1. Wattage may vary by +/- 8% due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Actual wattage may vary by an additional +/- 10% due to actual input voltage.
2. Values shown are for luminaires without the DL options. Contact outdoorlighting.applications@signify.com if any approximate estimates are required for design purposes.
3. Lumen values based on tests performed in compliance with IESNA LM-79.

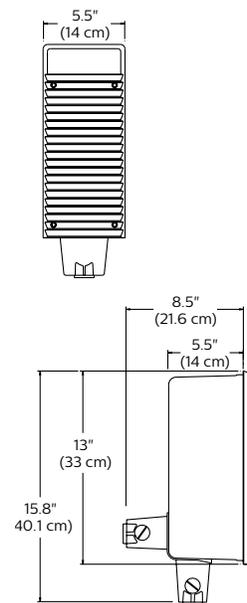
941L Dimensions



942L Dimensions



943L Dimensions



941L, 942L & 943L 94 Line series

Landscape

Specifications

General

The Gardco 941L, 942L and 943L recessed aisle lights are architecturally styled luminaires precisely constructed of die cast aluminum, providing light with high performance, long life LED systems. A field adjustable junction box enhances design flexibility. Self-compensating silicone gasketing completely excludes moisture, insects and contaminants. A choice of three (3) architecturally designed faceplates allows for a variety of applications. The ribbed guard faceplate offers vandal protection for glass lenses.

Housing

Corrosion-resistant die cast aluminum.

Retrofit kits

Retrofit kits are also available, making it possible to update installations of classic 941, 942 and 943 Gardco fluorescent and HID step lights to LED without the need to replace the back housing. Retrofit kits are available in Wall Type "C" only (Concrete Pour.) Retrofit kits are not available for existing Wall Type "D" (Drywall) luminaires.

Faceplate

All faceplates are constructed of one piece die cast aluminum and are secured to the housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. Self-compensating single-piece silicone gasketing completely seals the luminaire and allows for varying wall thicknesses.

Louvers

Die cast span the entire length of the faceplate, providing for vandal resistance and glare control. Louver faceplate include diffuse glass behind the louvers to minimize apparent glare from the luminaire.

Diffuse Glass

The faceplate includes a 3/16" thick diffuse white opal flat tempered glass lens. The lens is internally sealed and mounted and provides a soft, uniform glow.

Ribbed Guard

The 90° die cast louvers span the entire length of the faceplate over a diffuse glass lens. Not available in the 941L and RK-941L.

J-Box

The field convertible junction box is die cast aluminum. It is shipped factory-mounted to the back of housing. The box can be easily positioned on the bottom of the luminaire via two (2) phillips head screws. Each J-box includes three (3) threaded openings (one on each side and one on the bottom) that accommodate 3/4" conduit.

Thermal Management

Gardco 94 Line LED step and aisle lights include integral thermal control to provide the excellent thermal management so critical to long LED system life.

Electrical

Driver efficiency (>90% standard) 50/60Hz available in 120-277V or 347-480V, open/short circuit protection. RoHS compliant. Surge protector standard, 10KA per ANSI/IEEE C62.41.2.

Finish

Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidic isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WP), and natural aluminum (NP). Consult factory for specs on optional or custom colors.

Labels

All luminaires bear UL or CUL (where applicable) Wet Location labels.

Limited Warranty

5-year limited warranty. See signify.com/warranties for details and restrictions. Visit our eCatalog or contact your local sales representative for more information.

Predicted Lumen Depreciation Data

| Ambient Temperature °C | System Current | LED Current | Calculated L ₇₀ hrs ^{1,2} | L ₇₀ per TM21 ^{2,3} | Lumen Maintenance @ 60,000hrs |
|------------------------|----------------|-------------|---|---|-------------------------------|
| 25 °C | 530 mA | 132.5 mA | >100,000 | >60,000 | 84% |

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM 21-11. Published L70 hours limited to 6 times actual LED test hours.