

9 4 LINE

RECESSED STEP & AISLE LIGHTING



GARDCO
LIGHTING



The Gardco 94 Line is an altogether fresh approach to the once utilitarian world of low-level lighting. By introducing new thinking, new looks and an entirely new level of nighttime illumination, Gardco has reinvented and rejuvenated step and aisle lighting. These architecturally styled, intelligently engineered luminaires provide the opportunity to design with instead of around steplights, adding elegance and substantially improved visibility to the low-level environment.

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INTELLIGENTLY ENGINEERED

The 94 Line family of step and aisle lights sets new standards for construction, installation and maintenance. Rugged die cast aluminum ensures a consistent and lasting fit between the housing, faceplate and junction box assemblies.

A textured fade- and abrasion-resistant TGIC polyester powdercoat finish in a variety of standard colors provides added corrosion resistance and ensures that the luminaire will remain a lasting contributor to the overall site aesthetic.

Sealed Against The Elements

By mating precisely to the lip of the faceplate, 94 Line gasketing provides a complete seal at all times — even if the luminaire is not entirely secured. This unique self-compensating seal eliminates gaps which can occur when fasteners are not thoroughly tightened, or when installed in irregular wall surfaces like stucco and brick. All 94 Line luminaires are listed with UL or CUL (where applicable) as suitable for Wet Locations.



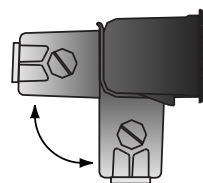


Performance Optics

Reflector assemblies have been engineered to be among the most efficient and usable available. Specular Alzak® hammertone reflectors eliminate unsightly streaks, striations and color separation common to metal halide lamps. The unitized reflector and electrical assembly is firmly secured within the housing by just four screws — speeding installation and maintenance.

Flexible Mounting Choices

Luminaires are available for installation in all types of wall construction including concrete, masonry, drywall and direct burial in insulation. Gardco addresses these applications explicitly in the ordering information, virtually eliminating the potential for misapplication. Housings are stocked at the factory and can be pre-shipped separately for mounting in concrete.



Installation Flexibility

To provide additional design flexibility, 94 Line housings feature a separate, two-position J-box assembly. Because wall thickness is typically the constraining dimension, the junction box is factory-mounted on the bottom of the luminaire. This can be quickly repositioned in the field for back mounting if space is limited below the luminaire.

TRADITIONAL ROLES. ORIGINAL THINKING.

From the minimally scaled brick light, to recessed emergency lights and the high-output scoop, the 94 Line provides a full range of recessed low-level luminaires. But any similarity with the past ends here, for the 94 Line sets a new standard for architectural step and aisle lights with pure shapes, soft corners, concealed mounting hardware and consistent visual styling cues. Combined with quality die cast aluminum construction and low-glare illumination, these luminaires complement the aesthetics of the site as beautifully as they do one another.



EMERGENCY LIGHTING

Indoors ...

Recognizing the perils of a dark smoke-filled environment, common sense and local codes often require that indoor exit and/or emergency luminaires must be close to the floor in the path of egress. However, the ADA requires that luminaires mounted below six feet must be extremely shallow — a maximum 4" protrusion from the wall. The 94 Line emergency luminaire accomplishes both tasks in handsome fashion, while providing an exceptional source of non-emergency low-level illumination.

Outdoors ...

Frequently, the path of egress does not end at the front door of a facility, making it necessary to provide emergency lighting to "the public way" in the event of a power interruption. To date, moisture, insects, corrosives and temperature fluctuations in the outdoor environment have not been very conducive to the use of emergency products. With the completely sealed and temperature-stabilized (optional) Gardco steplights, outdoor emergency lighting can now be achieved from a self-contained battery back-up system.

Bollard Expands Mounting Flexibility

The 943BEM vertical mount is a UL (or CUL) Wet Location-listed unidirectional bollard which significantly expands the mounting flexibility of emergency lighting into the outdoor pedestrian environment.

An integral battery back-up system provides emergency illumination along pathways to the street or parking area.



The horizontal 942EM and vertical 943EM aisle lights are recessed into wall surfaces, providing a clean, unobtrusive appearance. The indicator light is mounted behind the prismatic glass and the test switch is discretely placed within horizontal tiers of the cast faceplate.



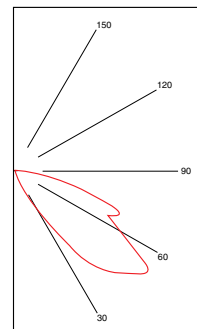
FACEPLATES & LAMPS

All 94 Line faceplates exhibit a grace and style unparalleled in step and aisle lights. Soft corners, minimal scale, unabridged louvers that span the length of the faceplate, and horizontal tiers on open units all show considerable design sensitivity. Gardco offers a variety of faceplate designs, each designed for specific applications. Additionally, faceplates can be interchanged among same-sized units should application requirements change following installation.

Louver



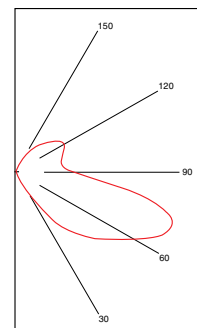
Because low-level lighting is easily susceptible to vandalism, the louver is a popular choice for its construction and performance features. The illuminated unit exhibits extremely low brightness and virtually eliminates glare, yet still provides a soft pool of light more than sufficient for many applications.



Prismatic Glass



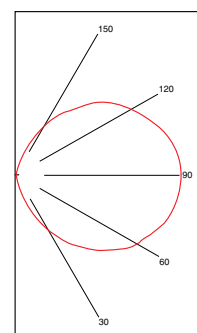
The prismatic optical system is specifically designed for applications requiring higher light output and performance. Light is directed to much higher angles, providing illumination of relatively large areas. In open lens or ribbed faceplate design, the series provides a clean appearance and styling compatibility with louvered units.



Diffuse Glass



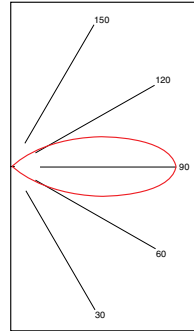
A diffuse glass faceplate is appropriate where a more decorative product is required. By intentionally producing soft, white diffuse brightness, the design serves as a marker, thereby establishing perimeters and directing pedestrian traffic.



Ribbed Guard



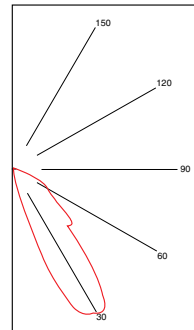
Ribbed guard faceplates offer the vandal resistance of standard louvered products and the efficiency and light output more typical of open type faceplates. When used in conjunction with prismatic glass, the ribbed guard design produces high light levels, and when employed with the white diffuse glass, a marker effect is achieved with a decorative European appearance.



946



The high output recessed optical system is specifically designed for applications requiring higher light output and performance. Even when specified with high lumen sources, the horizontal aperture and light-trapping microbaffles provide extremely low glare illumination.

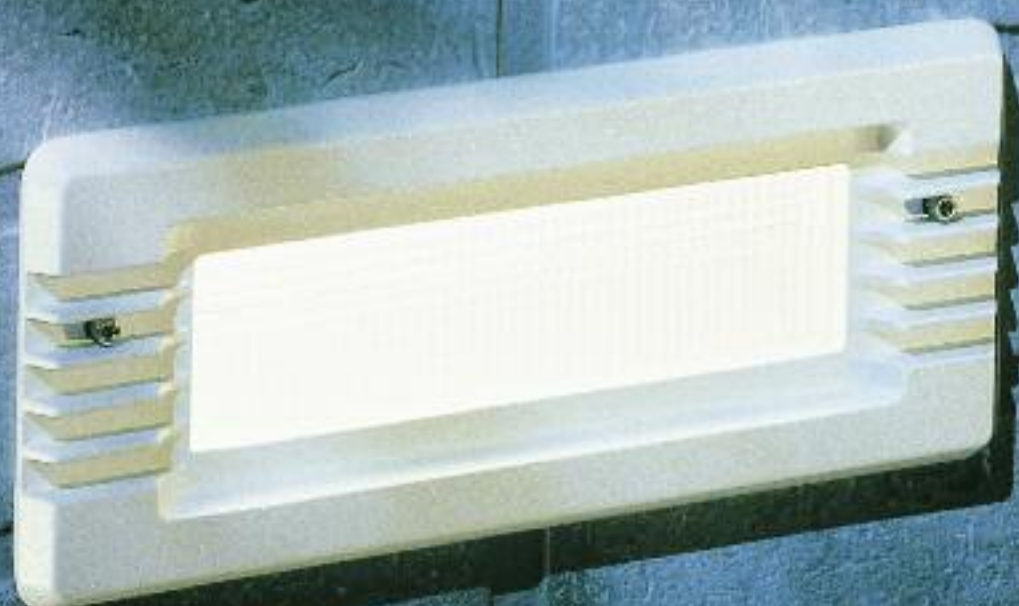


The 94 Line was designed around long-life and energy-efficient

compact fluorescent and medium base HID lamps. Larger units accept HID sources up to 100w.

The 26w quad tube fluorescent lamp available in many 94 Line products features a starting temperature of -20°F/-29°C.

Additionally, incandescent luminaires are available for those applications requiring luminaires to start in extremely low temperatures, or in areas where dimming is desired.



940 RECESSED BRICK LIGHTS

The Gardco 940 brick lights are minimally scaled, architecturally styled luminaires precisely constructed of die cast aluminum. The 940 was specifically designed to incorporate long-life compact fluorescent lamps and to be used in all types of wall construction. A field-convertible junction box further enhances its design flexibility. Self-compensating silicone gasketing excludes moisture, insects and contaminants, regardless of the wall surface texture. A choice of three (3) architecturally designed faceplates allows for a variety of applications.



SPECIFICATIONS

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. Self-compensating single-piece silicone gasketing completely seals the luminaire and allows for varying wall thicknesses.

LOUVER: Die cast louvers span the entire length of the faceplate, providing for vandal resistance and glare control.

DIFFUSE GLASS: The faceplate includes a 3/16" (.48cm) thick diffuse white opal flat tempered glass lens. The lens is internally sealed and mounted, and provides a soft, uniform glow.

PRISMATIC GLASS: A 1/4" (.64cm) thick prismatic glass lens, internally sealed and mounted, refracts light forward and downward.

HOUSING: The housing is corrosion-resistant die cast aluminum.

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" (1.91cm) conduit.

ELECTRICAL

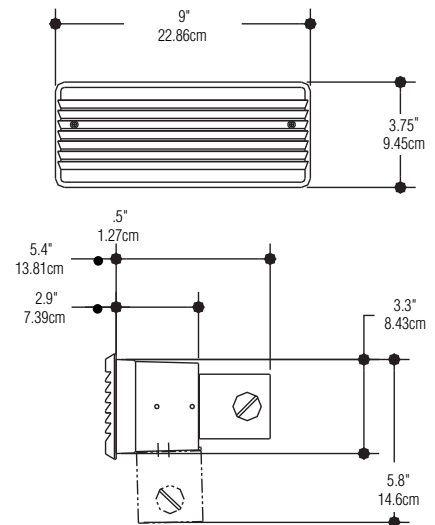
FLUORESCENT UNITS: High power factor ballast is provided standard. 940 luminaires accept 7/9w twin or 13w or 18w triple tube compact fluorescent lamps.

INCANDESCENT UNITS: Luminaires are provided with a medium base socket with a nickel-plated screw shell. Each accepts up to a 60w T-10 lamp.

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

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

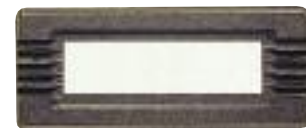
DIMENSIONS



PG-Prismatic Glass



LV-Louver Guard



DG-Diffuse Glass

ORDERING

PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH
940	U	7/9WTF	LV	120	BRP
940	U Universal <i>Suitable for all wall types including drywall, direct burial in insulation, and concrete pour.</i>	U TYPE 7/9 TF 120V only	LV Louver	120	BRP Bronze Paint
	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire.</i>	D TYPE 13 TRF 18 TRF	PG Prismatic Glass	277	BLP Black Paint
	C Concrete Pour <i>Suitable for concrete pour applications only.</i>	C TYPE 13 QF 13 TRF INC <i>60w maximum, 120V only</i>	DG Diffuse Glass	347	WP White Paint
					NP Natural Aluminum Paint
					OC Optional Color Paint <i>Specify RAL designation ex: OC-Ral 7024.</i>
					SC Special Color Paint <i>Must supply color chip.</i>

NOTE: Back housings for concrete pour applications (types U and C) are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



941 RECESSED STEPLIGHTS

The Gardco 941 step and aisle lights are minimally scaled architecturally styled luminaires precisely constructed of die cast aluminum. The 941 was specifically designed to incorporate long-life compact fluorescent lamps and to be used in all types of wall construction. A field-adjustable junction box further enhances its 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.



SPECIFICATIONS

FACEPLATE

One-piece die cast aluminum, secured to housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. Self-compensating single-piece silicone gasketing allows for varying wall thicknesses.

LOUVER: Die cast louvers span the entire length of the faceplate, providing for vandal resistance and glare control.

DIFFUSE GLASS: 1/8" (.32cm) thick white diffuse opal flat tempered glass lens.

PRISMATIC GLASS: 1/8" (.32cm) thick prismatic glass lens is internally sealed and mounted and projects light forward and downward.

HOUSING: Corrosion-resistant die cast aluminum construction.

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" (1.9cm) conduit.

ELECTRICAL

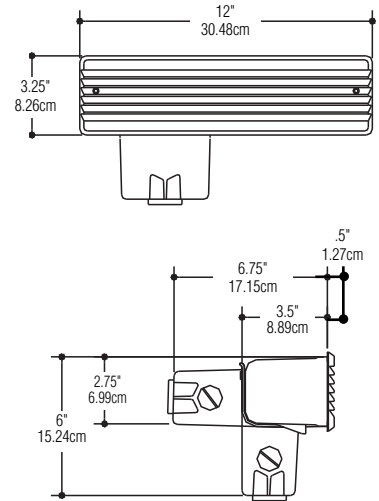
FLUORESCENT UNITS: High power factor ballast standard. Accepts 7/9w twin lamps and 13w and 18w triple tube lamps.

INCANDESCENT UNITS: Medium base socket with nickel-plated screw shell. Accepts 60w T-10 lamp.

FINISH: Fade- and abrasion-resistant, electrostatically applied, thermally cured TGIC-textured polyester powdercoat.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS



PG-Prismatic Glass



LV-Louver Guard

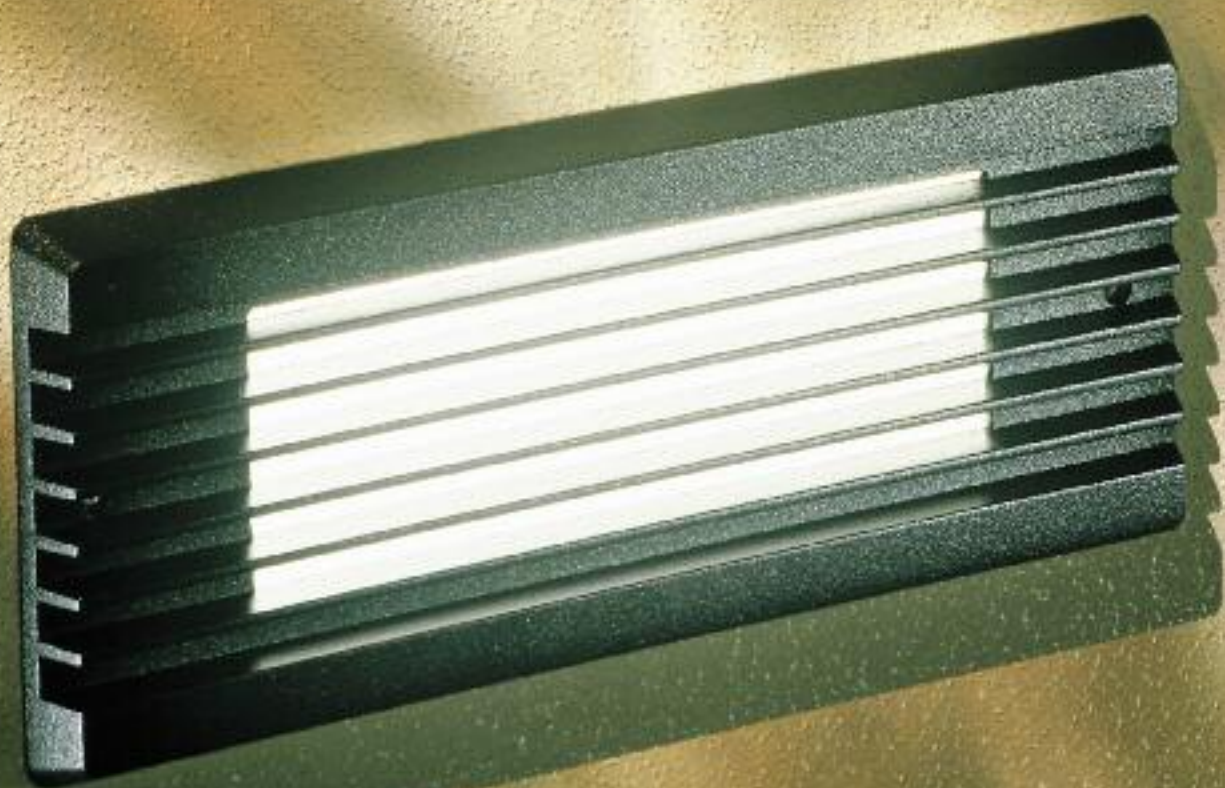


DG-Diffuse Glass

ORDERING

PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH
Example 941	U	13TF	LV	120	BRP
941	U Universal <i>Suitable for all wall types including drywall, direct burial in insulation, and concrete pour.</i> D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Type D units are thermally protected.</i> C Concrete pour <i>Suitable for concrete pour applications only.</i>	U TYPE 7/9 TF 120V only 13 QF 18 QF C and D TYPES INC <i>60w maximum, 120V only</i> <i>TF – Twin Tube Compact Fluorescent</i> <i>QF – Quad Tube Compact Fluorescent</i> <i>INC – Incandescent</i>	LV Louver PG Prismatic Glass DG Diffuse Glass	120 277 347	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint OC Optional Color Paint <i>Specify RAL designation ex: OC-RAL 7024.</i> SC Special Color Paint <i>Must supply color chip.</i>

NOTE: Back housings for concrete pour applications (types U and C) are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



942 RECESSED SITE AND STEPLIGHTS

For applications requiring higher output levels and increased spacings, 942 luminaires offer a wide choice of faceplate designs and lumen packages. These horizontal aisle lights accept sources up to 100w HID.



SPECIFICATIONS

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.

LOUVER: Die cast louvers span the entire length of the faceplate, providing for vandal resistance and glare control.

DIFFUSE GLASS: The faceplate includes a 3/16" (48cm) thick diffuse white opal flat tempered glass lens. The lens is internally sealed and mounted and provides a soft, uniform glow.

PRISMATIC GLASS: A 3/8" (95cm) thick prismatic glass lens, internally sealed and mounted, refracts light forward and downward.

RIBBED GUARD: 90° die cast louvers span the entire length of the faceplate over either a prismatic (942 only) or diffuse glass lens.

HOUSING: The housing is corrosion-resistant die cast aluminum.

J-BOX: The field-convertible junction box is die cast aluminum. It is shipped factory-mounted to the back of the housing. The box can be easily positioned on the bottom of the luminaire via two (2) phillips head screws.

ELECTRICAL

FLUORESCENT UNITS: High power factor ballast is provided standard.

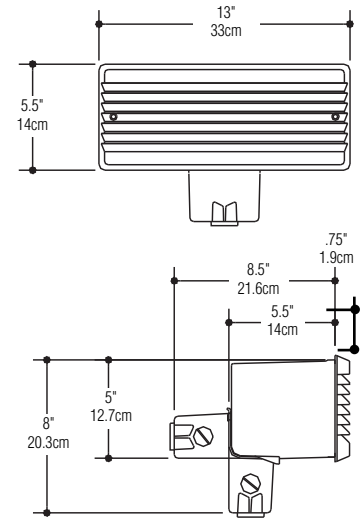
HID UNITS: Magnetic high power factor ballast is supplied standard.

INCANDESCENT UNITS: Luminaires are provided with a medium base socket with nickel-plated screw shell.

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

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

DIMENSIONS



LV-Louver Guard



PG-Prismatic Glass



DG-Diffuse Glass



RGP-Ribbed Guard Over Prismatic Glass



RGD-Ribbed Guard Over Diffuse Glass

ORDERING

PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH	OPTIONS
942	D	13QF	LV	120	BRP	F
Example						
942 Horizontal	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Note: Type D units are thermally protected.</i>	D TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 50MH (2)26QF ^{2,3} 32TRF ^{2,3} 42TRF ^{2,3}	942 LV Louver DG Diffuse Glass PG Prismatic Glass RGD Ribbed Guard with Diffuse Glass RGP Ribbed Guard with Prismatic Glass TF Twin Tube Fluorescent QF Quad Tube Fluorescent TRF Triple Tube Fluorescent MH Metal Halide HPS High Pressure Sodium INC Incandescent	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint OC Optional Color Paint Specify RAL designation ex: OC-RAL7024 SC Special Color Paint Must supply color chip.	F Fusing
	C Concrete pour <i>Suitable for concrete pour applications only.</i>	C TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 70HPS (2)26QF ^{2,3} 100HPS 32TRF ^{2,3} 70MH 42TRF ^{2,3} 100MH (2)100INC ¹				

NOTE: Back housings for concrete pour applications are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



942EM/943EM EMERGENCY LIGHTS

The 942EM/943EM combines the architectural styling and rugged weather-tight construction of the 94 Line product with a self-contained and temperature-compensating (optional) battery back-up system. This unique series provides a recessed indoor and outdoor emergency lighting alternative that meets NEC and Life Safety Code requirements.



SPECIFICATIONS

FACEPLATE: One-piece die cast aluminum, secured to housing with (2) recessed and captive tamper-resistant hex head socket screws. Self-compensating single-piece silicone gasketing allows for varying wall textures.

PRISMATIC GLASS: 3/8" (9.5cm) thick prismatic glass lens is internally sealed and mounted and projects light forward and downward.

STACKED LOUVERS: Specular louvers reflect light forward and downward. Louvers are mounted behind tempered flat glass or clear scratch-resistant polycarbonate lens.

STEPLIGHT HOUSING: Corrosion-resistant die cast aluminum construction.

BOLLARD: Extruded aluminum base with cast top section.

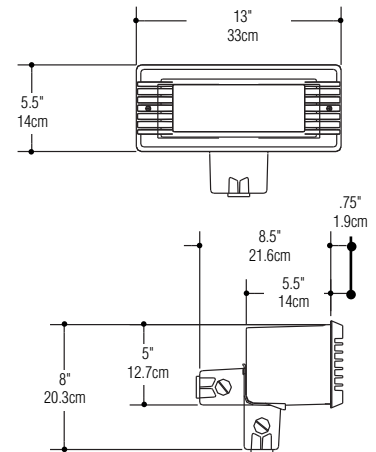
J-BOX: Die cast aluminum. Factory-mounted to bottom of housing. Field-convertible to back mounting. Junction box includes three (3) threaded openings that accommodate 3/4" (1.9cm) conduit.

ELECTRICAL: High power factor ballasts: two (2) ballasts on 120V; units operate one (1) or two (2) 13w twin compact fluorescent lamp(s) in normal mode. One (1) 2-lamp ballast used on 277V operates two (2) lamps in normal mode. Integral 3.6 volt maintenance-free 90-minute nickel cadmium battery operates one (1) lamp in the emergency mode. A momentary test switch and charging indicator light are standard.

FINISH: Standard finishes are fade- and abrasion-resistant, electrostatically applied, thermally cured TGIC polyester powdercoat, applied after anodizing. Consult factory for special colors.

LABELS: All fixtures bear UL or UL/CUL (where applicable) Wet Location labels.

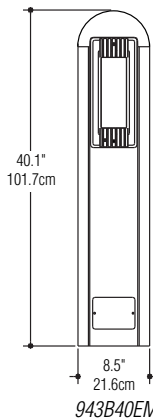
DIMENSIONS



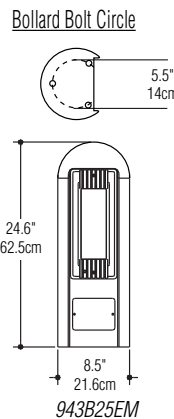
942EM-PG-Prismatic Glass



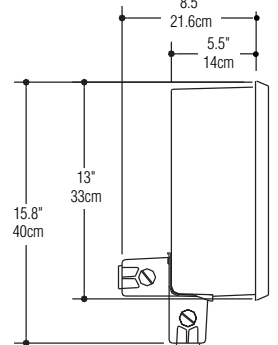
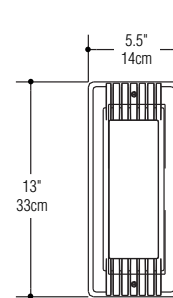
943EM-RF-Stacked Louvers Behind Tempered Glass



943B40EM



943B25EM



ORDERING

Example	PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH
	942	D/C	213TFE	LV	120	BRP
942EM	Horizontal	D/C Drywall/Concrete <i>Suitable for drywall and concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire.</i>	(2)13TFE <i>(2) 13W Twin Tube Fluorescent Lamps. One or two lamps operate in the normal mode and one operates in the emergency mode.</i>	PG RF RFPLY	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural AL Aluminum Paint
943B25EM	943 Mounted in 25" Bollard	NOTE: Type D/C units are thermally protected.		943EM Stacked Specular Louvers behind Glass Clear Polycarbonate		OC Optional Color Paint <i>Specify RAL designation ex: OC-RAL 7024.</i>
943B40EM	943 Mounted in 40" Bollard			RF RFPLY Stacked Specular Louvers behind Glass Clear Polycarbonate		SC Special Color Paint <i>Must supply color chip.</i>

NOTE: Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



943 RECESSED VERTICAL SITE & STEPLIGHTS

The 943 vertical mount luminaire provides the capability for mounting in confined wall areas. The 943B luminaire is a unidirectional bollard which is ideal for illuminating pathways without undesired back lighting. In addition, this compact architectural form allows the unit to be mounted in pillars, monuments and columns (by others). A choice of faceplates further extends design opportunities.



SPECIFICATIONS

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.

LOUVER: Die cast louvers span the entire length of the faceplate, providing for vandal resistance and glare control.

DIFFUSE GLASS: The faceplate includes a 3/16" (.48cm) thick diffuse white opal flat tempered glass lens. The lens is internally sealed and mounted and provides a soft, uniform glow.

RIBBED GUARD: 90° die cast louvers span the entire length of the faceplate over diffuse glass lens.

STACKED LOUVERS: Specular Alzak® louvers rest behind either a tempered flat glass lens or a clear polycarbonate lens.

HOUSING: The housing is corrosion-resistant die cast aluminum.

J-BOX: The field-convertible junction box is die cast aluminum. It is shipped factory-mounted to the back of the housing. The box can be easily positioned on the bottom of the luminaire via two (2) phillips head screws.

ELECTRICAL

FLUORESCENT UNITS: High power factor ballast is provided standard.

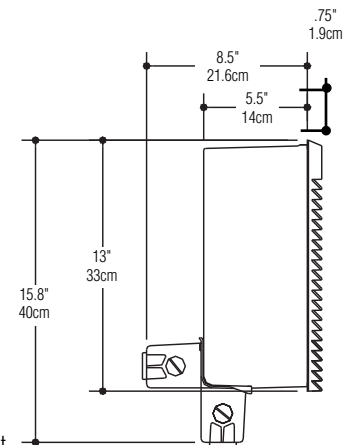
HID UNITS: Magnetic high power factor ballast is supplied standard.

INCANDESCENT UNITS: Luminaires are provided with a medium base socket with nickel-plated screw shell.

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

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

DIMENSIONS



LV-Vertical Mount Louver



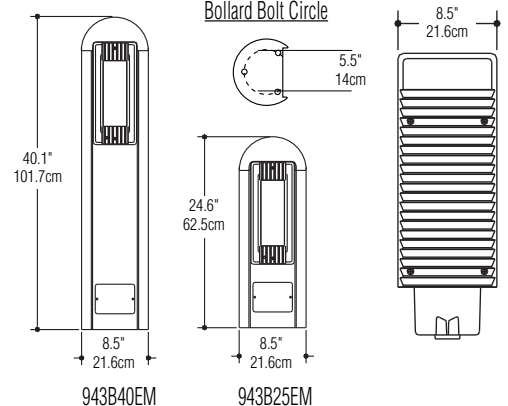
DG-Vertical Mount Diffuse Glass



RF-Stacked Louvers Behind Tempered Glass



RGD-Ribbed Guard Over Diffuse



ORDERING

Example	PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH	OPTIONS
	942	D	13QF	LV	120	BRP	F
943	Vertical	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Note: Type D units are thermally protected.</i>	D TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 50MH (2)26QF ^{2,3} 32TRF ^{2,3} 42TRF ^{2,3}	LV Louver DG Diffuse Glass RGD Ribbed Guard with Diffuse Glass RF Stacked Specular Louvers behind Glass RFPLY Stacked Specular Louvers behind Clear Polycarbonate	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint OC Optional Color Paint Specify RAL designation ex: OC-RAL 7024. SC Special Color Paint Must supply color chip.	F Fusing
943B25	943 Mounted in 25" Bollard						
943B40	943 Mounted in 40" Bollard	C Concrete pour <i>Suitable for concrete pour applications only.</i>	C TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 70HPS (2)26QF ^{2,3} 100HPS 32TRF ^{2,3} 70MH 42TRF ^{2,3} 100MH (2)100INC ¹				

NOTE: Back housings for concrete pour applications (type C) are available for pre-shipment. Contact factory for details.

TF Twin Tube Fluorescent
QF Quad Tube Fluorescent
TRF Triple Tube Fluorescent
MH Metal Halide
HPS High Pressure Sodium
INC Incandescent

- 120V only
- Suitable for 0°F/-17.8°C starting temperature
- Electronic ballast, available in 120V through 277V only and 50 or 60 hz

NOTE: Back housings for concrete pour applications are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



944 SQUARE FORM RECESSED AISLE LIGHTS

For applications requiring larger scale in a clean, classic form, the 944 square louvered units are an excellent choice. Louvers span the entire width of the faceplate, providing superior glare control and exceptional vandal resistance.



SPECIFICATIONS

FACEPLATE: One-piece die cast aluminum, secured to housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. 3/8" (.95cm) thick louvers and 1/8" (.48cm) thick flat tempered glass provide for vandal resistance and glare control. Self-compensating single-piece silicone gasketing allows for varying wall thicknesses.

HOUSING: Corrosion-resistant die cast aluminum construction.

J-BOX: Die cast aluminum. Factory-mounted to bottom of housing. Field-convertible to back mounting.



LV-Louver

ELECTRICAL

FLUORESCENT UNITS: Electronic high power factor ballast standard.

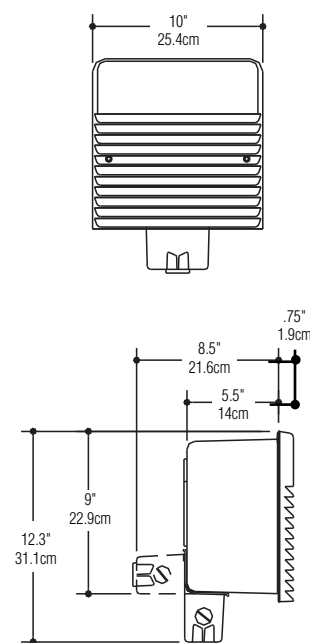
INCANDESCENT UNITS: Medium base socket with nickel-plated screw shell.

HID UNITS: Magnetic high power factor ballast. Suitable for -20°F/-29°C starting temperature.

FINISH: Fade- and abrasion-resistant, electrostatically applied, thermally cured TGIC-textured polyester powdercoat.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS



ORDERING

	PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH	OPTIONS
Example	944	C	100MH	LV	120	BRP	F
	944 Square	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Note: Type D units are thermally protected.</i> C Concrete pour <i>Suitable for concrete pour applications only.</i>	D TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 50MH (2)26QF ^{2,3} 32TRF ^{2,3} (2)32TRF ^{2,3} 42TRF ^{2,3} C TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 70HPS (2)26QF ^{2,3} 100HPS 32TRF ^{2,3} (2)32TRF ^{2,3} 42TRF ^{2,3} 50MH (2)42TRF ^{2,3} 70MH (2)42TRF ^{2,3} 100MH (2)100INC ¹	LV Louver	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint OC Optional Color Paint Specify RAL designation ex: OC-RAL 7024 SC Special Color Paint Must supply color chip.	F Fusing
	TF Twin Tube Fluorescent QF Quad Tube Fluorescent TRF Triple Tube Fluorescent						
	1. 120V only 2. Suitable for 0°F/-17.8°C starting temperature 3. Electronic ballast, available in 120V through 277V only and 50 or 60 hz						

NOTE: Back housings for concrete pour applications (type C) are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on sitelighting.com.



945 ROUND FORM RECESSED AISLE LIGHTS

For applications requiring larger proportions in a clean, classic form, the 945 round louvered units are an excellent choice. Louvers span the entire width of the faceplate, providing superior glare control and exceptional vandal resistance.



SPECIFICATIONS

FACEPLATE: One-piece die cast aluminum, secured to housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. 3/8" (.95cm) thick louvers and 1/8" (.48cm) thick flat tempered glass provide for vandal resistance and glare control. Self-compensating single-piece silicone gasketing allows for varying wall thicknesses.

HOUSING: Corrosion-resistant cast aluminum construction.

J-BOX: Die cast aluminum. Factory-mounted to bottom of housing. Field-convertible to back mounting.

ELECTRICAL

FLUORESCENT UNITS: Electronic high power factor ballast standard.

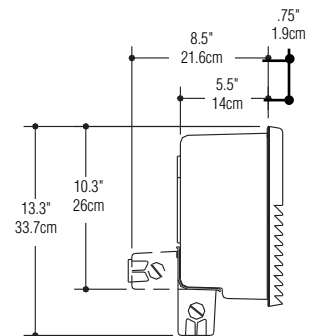
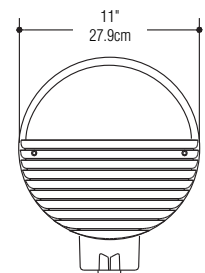
INCANDESCENT UNITS: Medium base socket with nickel plated screw shell.

HID UNITS: Magnetic high power factor ballast. Suitable for -20°F/-29°C starting temperature.

FINISH: Fade and abrasion resistant, electrostatically applied, thermally cured TGIC-textured polyester powdercoat.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS



LV-Louver

ORDERING

PREFIX	WALL TYPE	LAMP	FACEPLATE	VOLTAGE	FINISH	OPTIONS
945	C	100MH	LV	120	BRP	F
945 Round	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Note: Type D units are thermally protected.</i> C Concrete pour <i>Suitable for concrete pour applications only.</i>	D TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 50MH (2)26QF ^{2,3} 32TRF ^{2,3} (2)32TRF ^{2,3} 42TRF ^{2,3} C TYPE 35HPS ¹ (2)13TF 50HPS 26QF ^{2,3} 70HPS (2)26QF ^{2,3} 100HPS 32TRF ^{2,3} (2)32TRF ^{2,3} 50MH 42TRF ^{2,3} 70MH (2)42TRF ^{2,3} 100MH (2)100INC ¹	LV Louver	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural Aluminum Paint OC Optional Color Paint <i>Specify RAL designation ex: OC-RAL 7024.</i> SC Special Color Paint <i>Must supply color chip.</i>	F Fusing

TF Twin Tube Fluorescent
QF Quad Tube Fluorescent
TRF Triple Tube Fluorescent

- 120V only
- Suitable for 0°F/-17.8°C starting temperature
- Electronic ballast, available in 120V through 277V only and 50 or 60 hz

NOTE: Back housings for concrete pour applications (type C) are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.



946 RECESSED SCOOP FORM RECESSED AISLE LIGHTS

The 946 is an attractive choice where specifications call for a low-brightness, high-output aisle light. The recessed scoop is designed around HID lamps up to 100w. The angled recessed faceplate design and specular Alzak® reflector system create wide spacings and provide unstriated light distribution with consistently high light levels. A concealed horizontal aperture and precisely positioned die cast micro-baffles on the angled faceplate ensure sharp visual cutoff and brightness control at normal viewing angles. An optional cast guard protects the lamp in areas prone to vandalism.



SPECIFICATIONS

FACEPLATE: One-piece die cast aluminum, secured to housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive grounding. Angled and recessed "scoop" with integral cast microbaffles. 1/8" (.48cm) thick flat tempered glass provides for vandal resistive and weathertight operation. Self-compensating single-piece silicone gasketing allows for varying wall thicknesses.

HOUSING: Corrosion-resistant die cast aluminum construction.

J-BOX: Die cast aluminum. Factory-mounted to bottom of housing. Field-convertible to back mounting.

REFLECTOR: Specular Alzak® hammertone.

ELECTRICAL

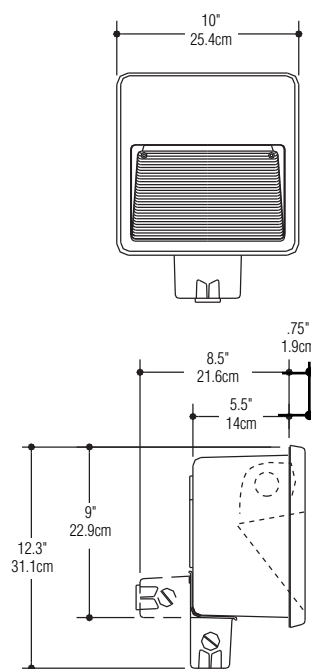
FLUORESCENT UNITS: Electronic high power factor ballast standard.

HID UNITS: Magnetic high power factor ballast. Suitable for -20°F/-29°C starting temperature.

FINISH: Fade- and abrasion-resistant, electrostatically applied, thermally cured TGIC-textured polyester powdercoat.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

DIMENSIONS



946 - Standard



With cast guard option - CG
(view from below)

ORDERING

Example	PREFIX	WALL TYPE	LAMP	VOLTAGE	FINISH	OPTIONS
	946	C	100MH	120	BRP	F
	945	D Drywall <i>Not suitable for concrete pour applications. Also, if insulating material is present, it must be kept at least 3" (7.62cm) away from luminaire. Note: Type D units are thermally protected.</i>	D TYPE 35HPS ¹ 26QF ^{2,3} 50HPS 32TRF ^{2,3} 50MH 42TRF ^{2,3}	120 277	BRP Bronze Paint BLP Black Paint WP White Paint NP Natural OC Aluminum Paint Optional Color Paint Specify RAL designation ex: OC-RAL 7024. SC Special Color Paint Must supply color chip.	F Fusing CG Cast Guard Over Lens
		C Concrete pour <i>Suitable for concrete pour applications only.</i>	C TYPE 35HPS ¹ 50MH 50HPS 70MH 70HPS 100MH 100HPS 26QF ^{2,3} 50MH 32TRF ^{2,3} 70MH 42TRF ^{2,3} 100MH			
			MH Metal Halide HPS High Pressure Sodium QF Quad Tube Fluorescent TRF Triple Tube Fluorescent			

1. 120V only
2. Suitable for 0°F/-17.8°C starting temperature
3. Electronic ballast, available in 120V through 277V only and 50 or 60 hz

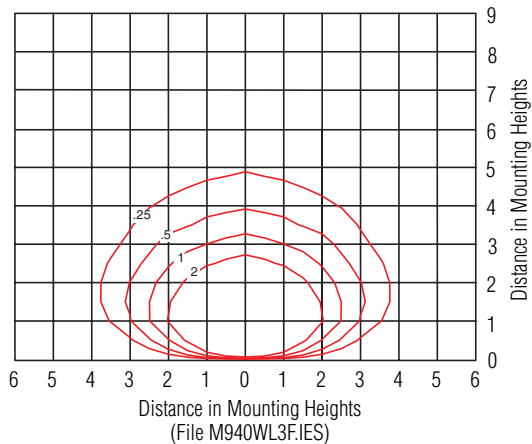
NOTE: Back housings for concrete pour applications (type C) are available for pre-shipment. Contact factory for details. Prior to ordering, consult submittal data sheet on www.sitelighting.com for the most current information. All performance data is available on www.sitelighting.com.

940 PHOTOMETRICS - INITIAL FOOTCANDLES

WHITE FACEPLATE

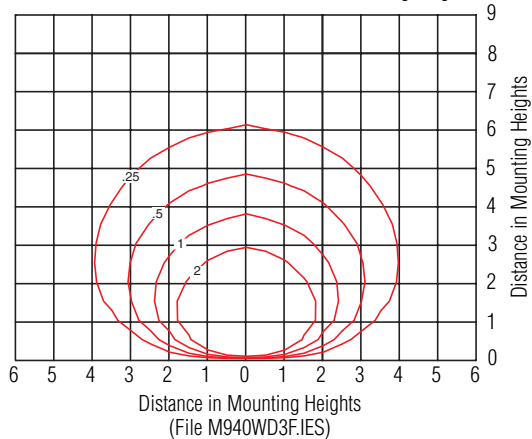
940-18TRF-LV-WP

1' Mounting Height



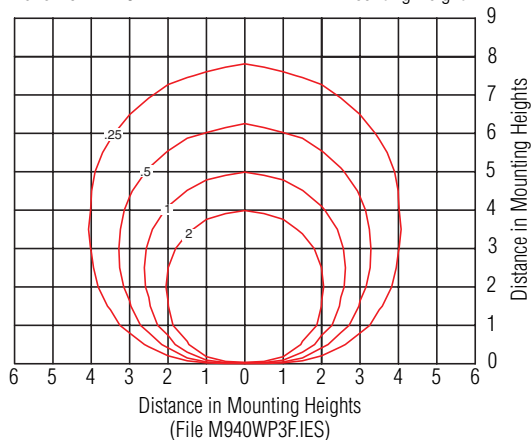
940-18TRF-DG-WP

1' Mounting Height



940-18TRF-PG-WP

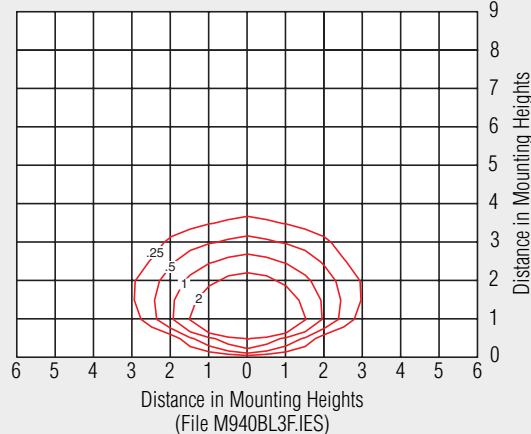
1' Mounting Height



BLACK FACEPLATE

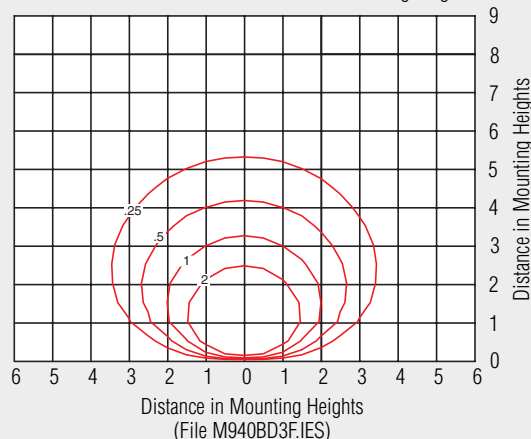
940-18TRF-LV-BLP

1' Mounting Height



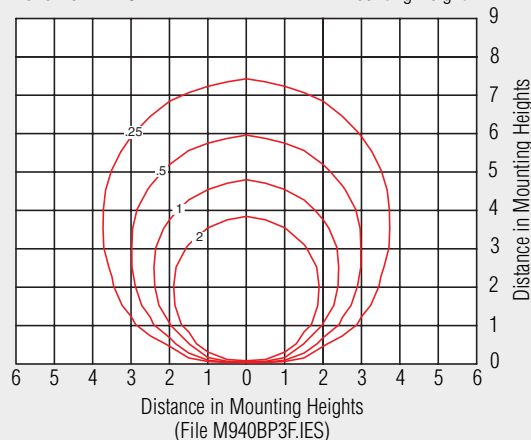
940-18TRF-DG-BLP

1' Mounting Height



940-18TRF-PG-BLP

1' Mounting Height



Lamp Conversion Factors

Fluorescent	Footcandle Factor	Incandescent	Footcandle Factor
7wTF (400 lms)	0.33	25wT10 (235 lms)	0.20
9wTF (600 lms)	0.50	40wT10 (415 lms)	0.35
13wTRF (900 lms)	0.75	60wT10 (745 lms)	0.62
18wTRF (1200 lms)	1.00		

Mounting Height Conversion Factors

Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	4	1	.44	.25	.16	.11	.08

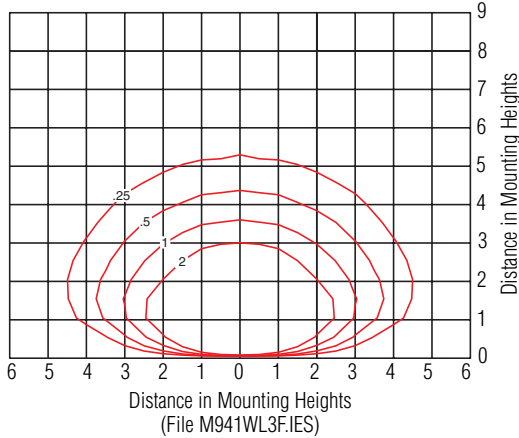
All photometric data is available on sitelighting.com.

941 PHOTOMETRICS - INITIAL FOOTCANDLES

WHITE FACEPLATE

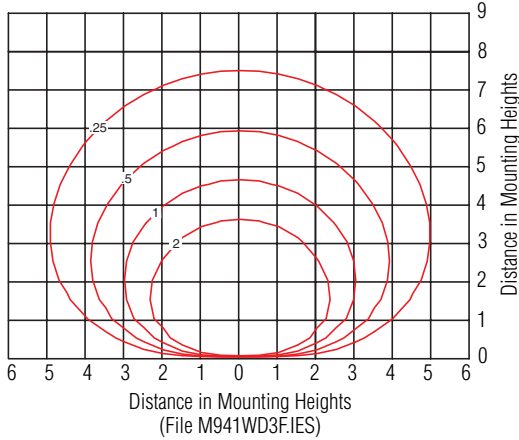
941-18TRF-LV-WP

1' Mounting Height



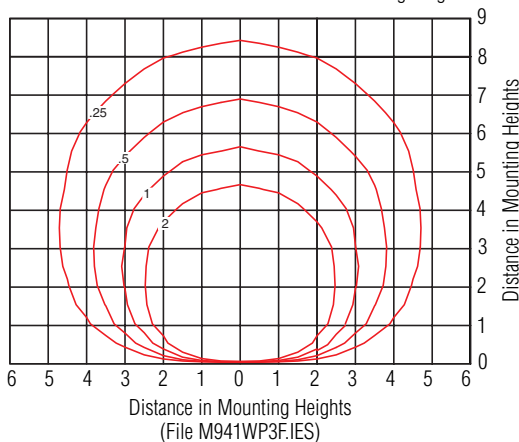
941-18TRF-DG-WP

1' Mounting Height



941-18TRF-PG-WP

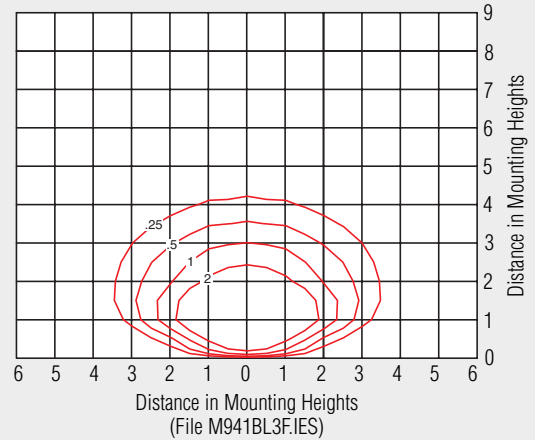
1' Mounting Height



BLACK FACEPLATE

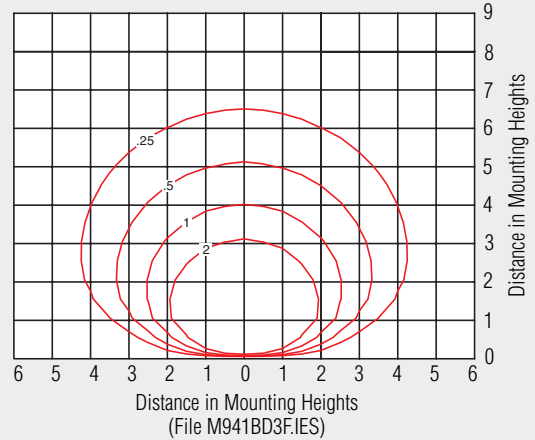
941-18TRF-LV-BLP

1' Mounting Height



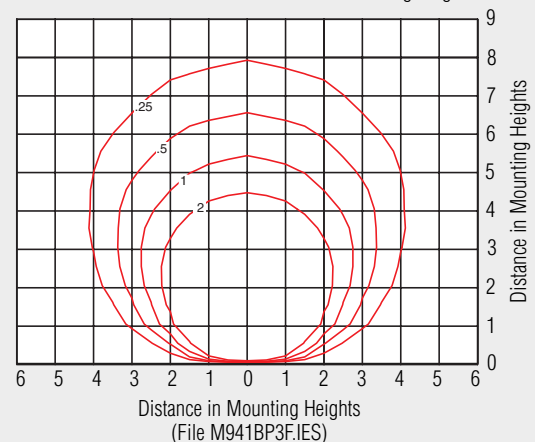
941-18TRF-DG-BLP

1' Mounting Height



941-18TRF-PG-BLP

1' Mounting Height



Lamp Conversion Factors

Fluorescent	Footcandle Factor	Incandescent	Footcandle Factor
7wTF (400 lms)	0.33	25wT10 (235 lms)	0.20
9wTF (600 lms)	0.50	40wT10 (415 lms)	0.35
13wTRF (900 lms)	0.75	60wT10 (745 lms)	0.62
18wTRF (1200 lms)	1.00		

Mounting Height Conversion Factors

Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	4	1	.44	.25	.16	.11	.08

All photometric data is available on sitelighting.com.

942 PHOTOMETRICS - INITIAL FOOTCANDLES

WHITE
FACEPLATE

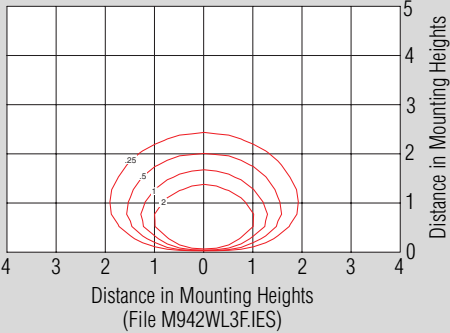
FLUORESCENT

BLACK
FACEPLATE

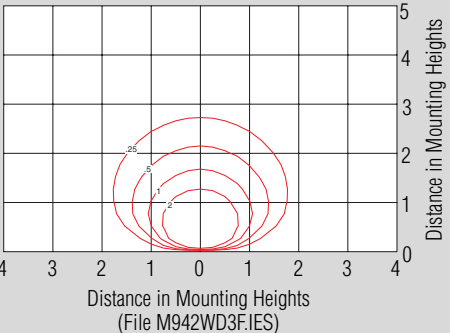
HID

BLACK
FACEPLATE

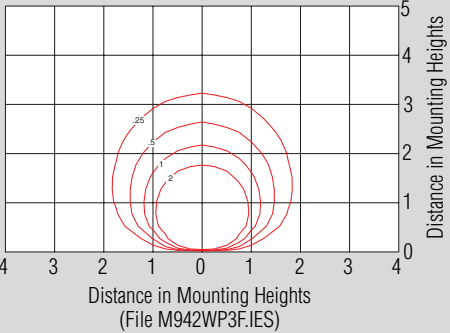
942-42TRF-LV-WP 2' Mounting Height



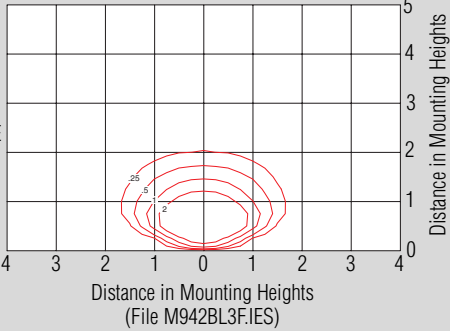
942-42TRF-DG-WP 2' Mounting Height



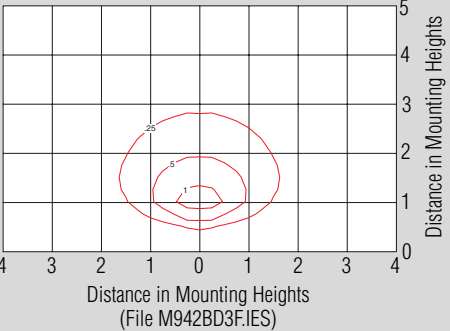
942-42TRF-PG-WP 2' Mounting Height



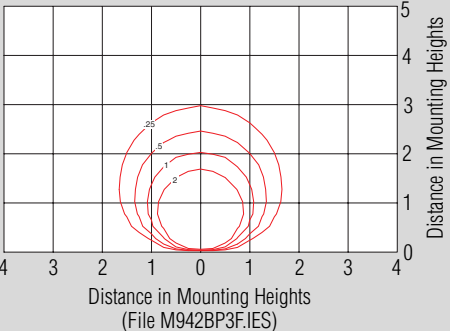
942-42TRF-LV-BLP 2' Mounting Height



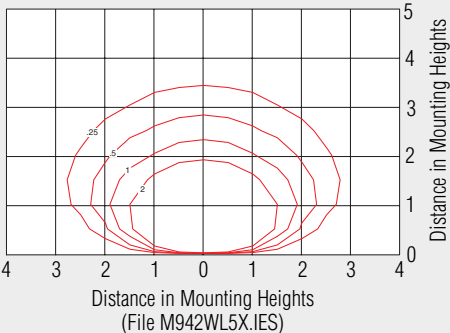
942-42TRF-RGD-BLP 2' Mounting Height



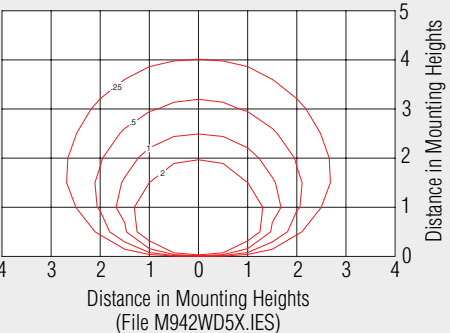
942-42TRF-PG-BLP 2' Mounting Height



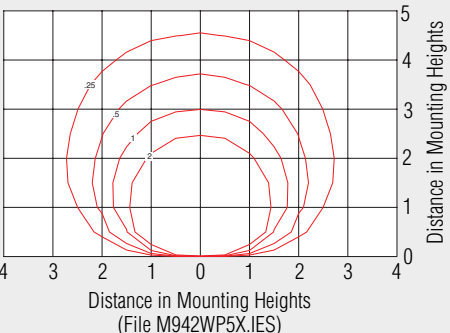
942-100MH-LV-WP 2' Mounting Height



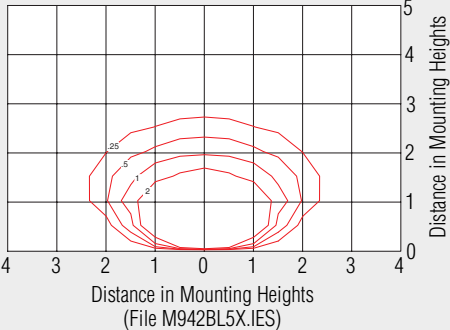
942-100MH-DG-WP 2' Mounting Height



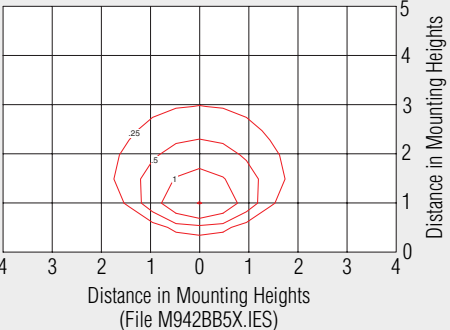
942-100MH-PG-WP 2' Mounting Height



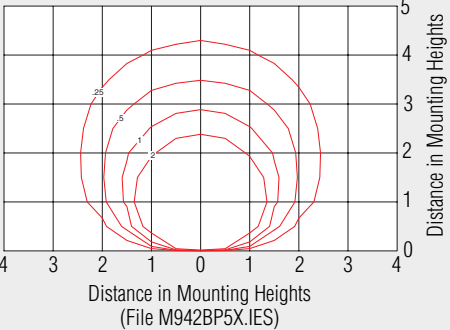
942-100MH-LV-BLP 2' Mounting Height



942-100MH-RGD-BLP 2' Mounting Height



942-100MH-PG-BLP 2' Mounting Height



Lamp Conversion Factors

Fluorescent	Footcandle Factor
2-13wTF (900 lms x 2)	0.28
26wQF (1710 lms)	0.27
2-26wQF (1710 lms x 2)	0.53
32wTRF (2400 lms)	0.75
42wTRF (3200 lms)	1.00
Incandescent	Footcandle Factor
2-100w (1600 lms x 2)	0.38

Metal Halide	Footcandle Factor*
50w (3400 lms)	0.40
70w (5200 lms)	0.62
100w (8400 lms)	1.00
High Pressure Sodium	Footcandle Factor*
35w (2250 lms)	0.27
50w (4000 lms)	0.48
70w (6300 lms)	0.75
100w (9500 lms)	0.13

Mounting Height Conversion Factors

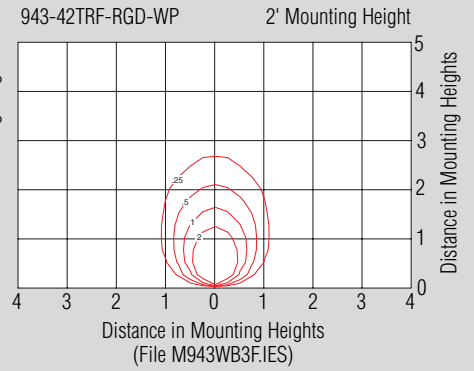
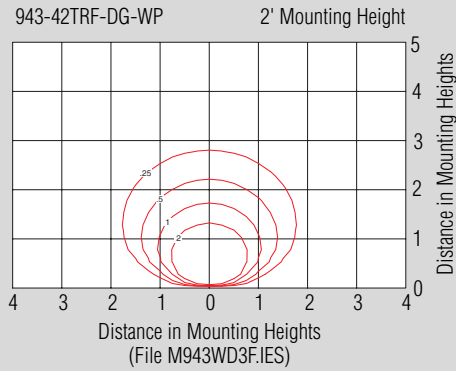
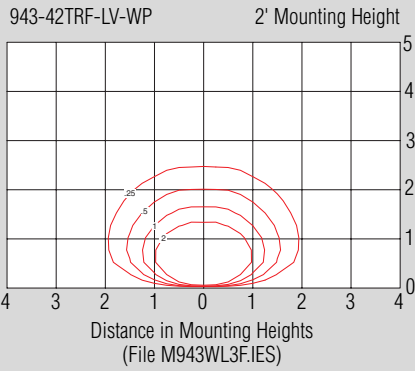
Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	16	4	1.77	1	.64	.44	.32

All photometric data is available on sitelighting.com.

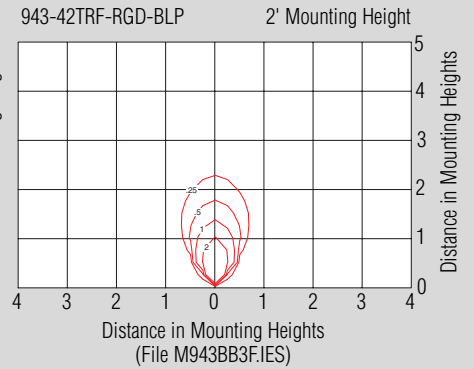
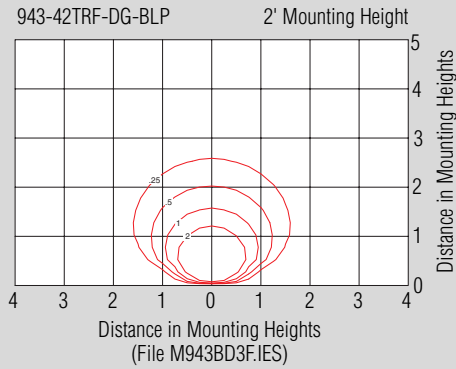
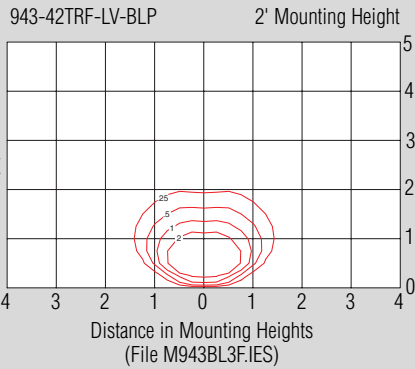
* Apply to HID values.

WHITE
FACEPLATE

FLUORESCENT

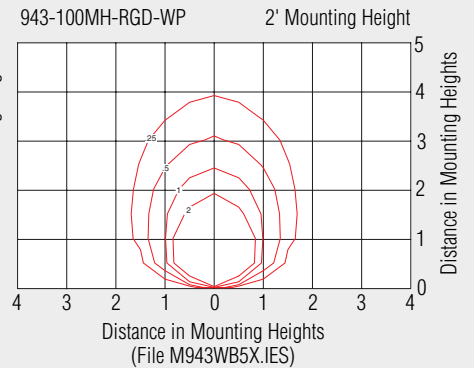
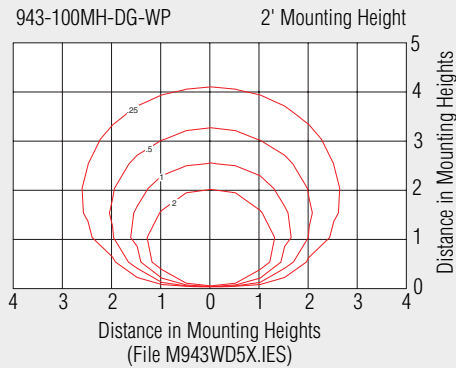
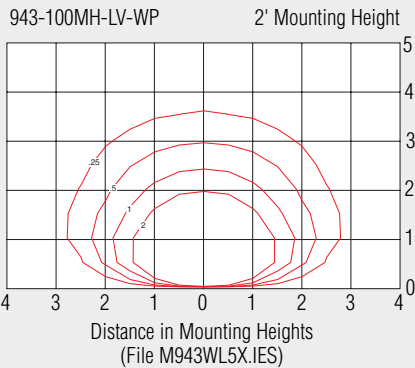


BLACK
FACEPLATE

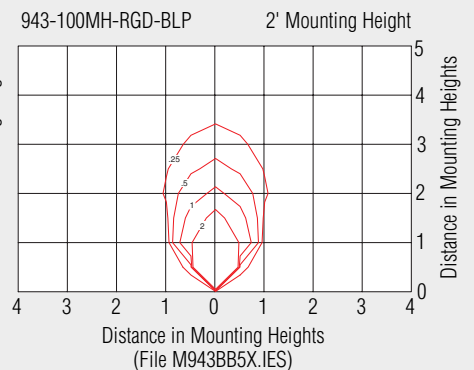
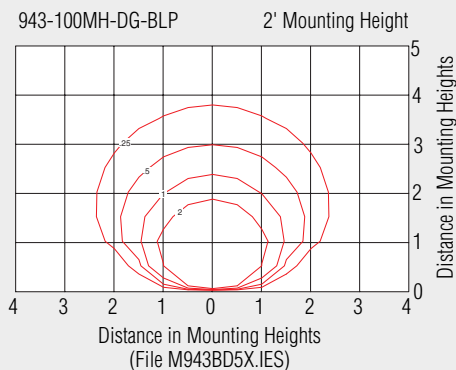
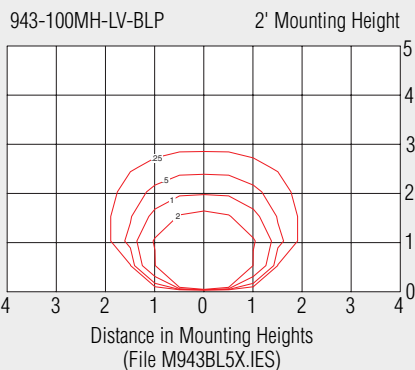


WHITE
FACEPLATE

HID



BLACK
FACEPLATE



Lamp Conversion Factors

Fluorescent	Footcandle Factor
2-13wTF (900 lms x 2)	0.28
26wQF (1710 lms)	0.27
2-26wQF (1710 lms x 2)	0.53
32wTRF (2400 lms)	0.75
42wTRF (3200 lms)	1.00
Incandescent	Footcandle Factor
2-100w (1600 lms x 2)	0.38

Metal Halide	Footcandle Factor*
50w (3400 lms)	0.40
70w (5200 lms)	0.62
100w (8400 lms)	1.00
High Pressure Sodium	Footcandle Factor*
35w (2250 lms)	0.27
50w (4000 lms)	0.48
70w (6300 lms)	0.75
100w (9500 lms)	0.13

Mounting Height Conversion Factors

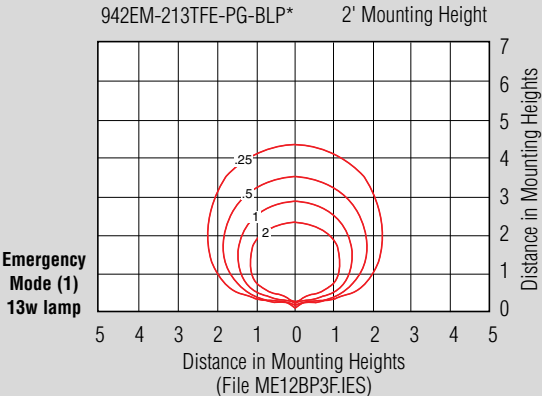
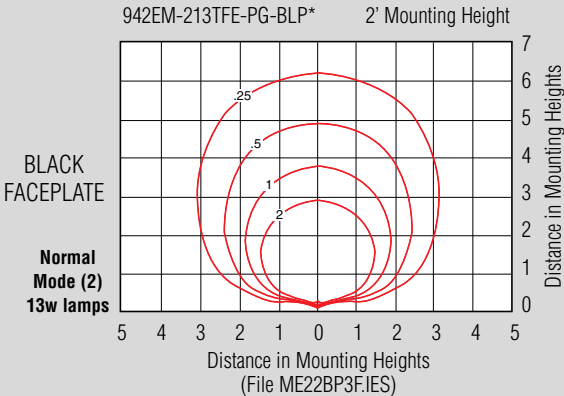
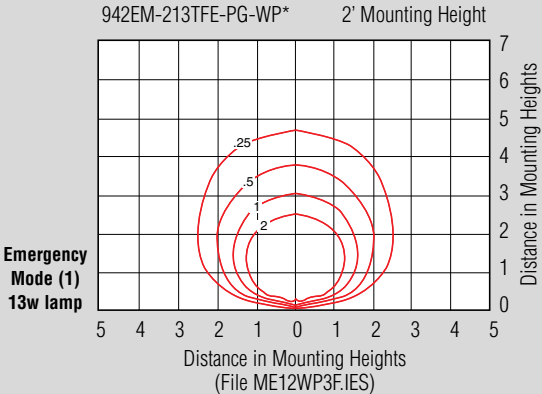
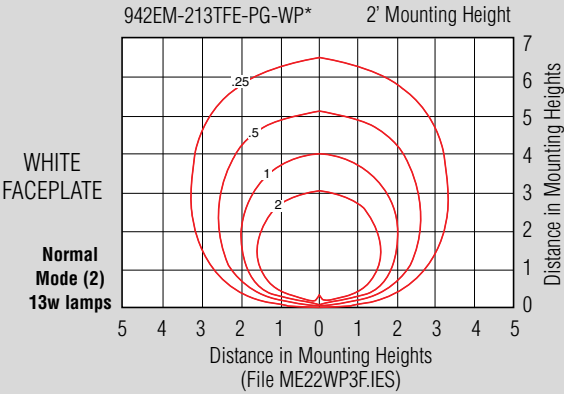
Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	16	4	1.77	1	.64	.44	.32

All photometric data is available on sitelighting.com.

* Apply to HID values.

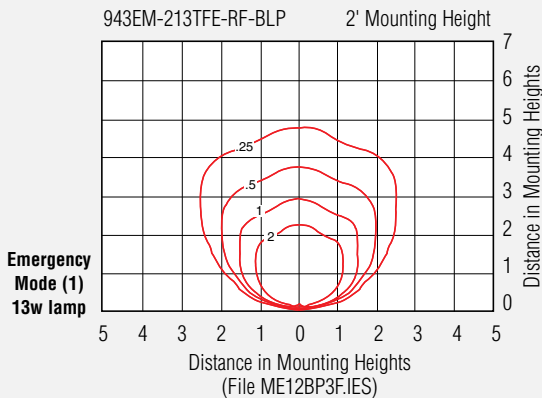
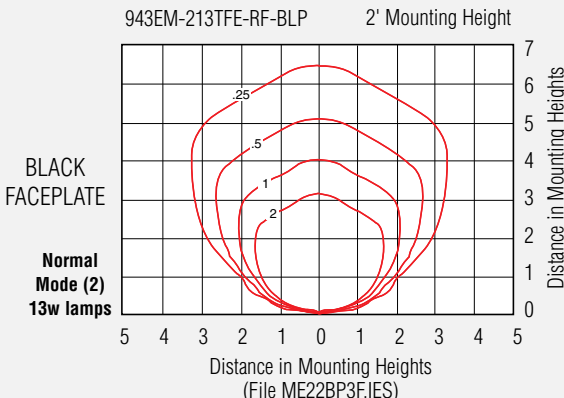
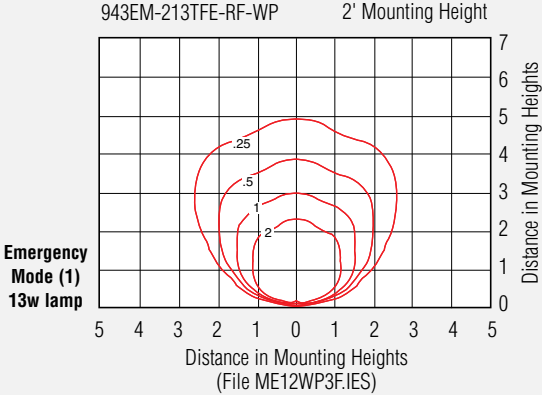
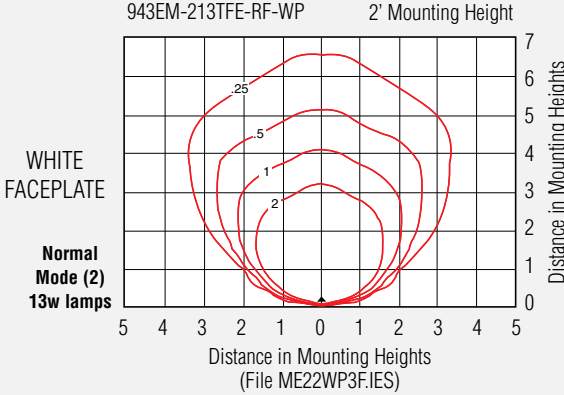
942EM - 943EM PHOTOMETRICS - INITIAL FOOTCANDLES

942EM



* May be used to approximate 942EM-213TFE-RF performance

943EM



Mounting Height Conversion Factors

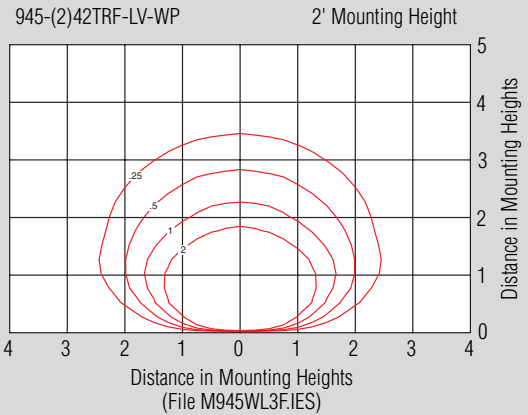
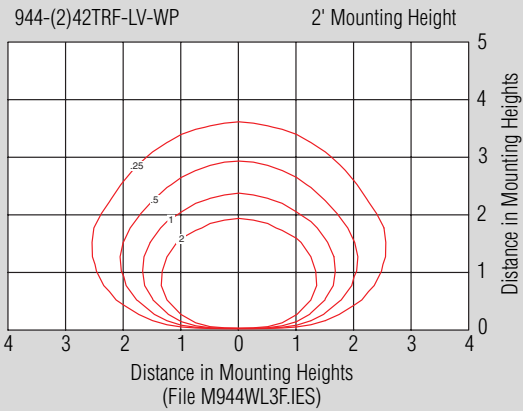
Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	16	4	1.77	1	.64	.44	.32

All photometric data is available on sitelighting.com.

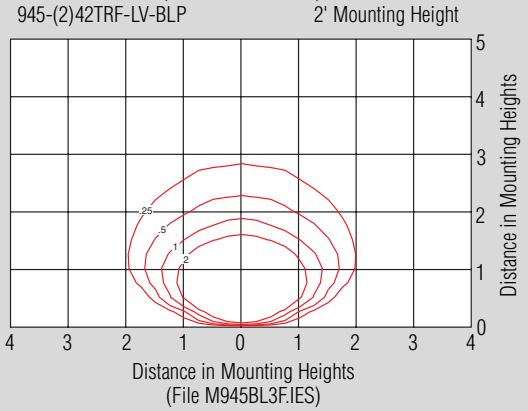
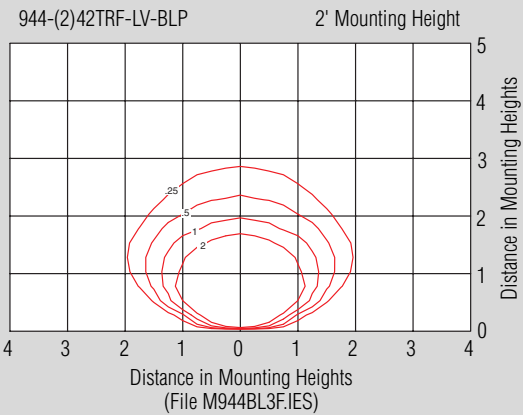
944-945-946 PHOTOMETRICS - INITIAL FOOTCANDLES

FLUORESCENT

WHITE
FACEPLATE

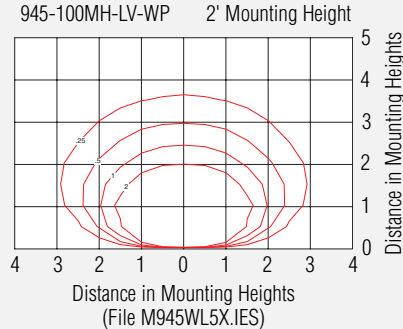
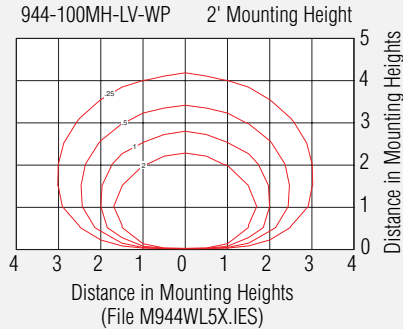


BLACK
FACEPLATE

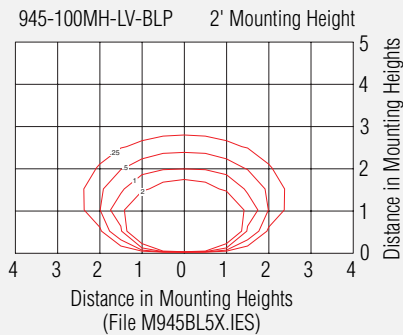
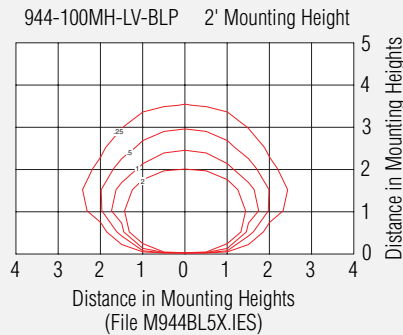


HID

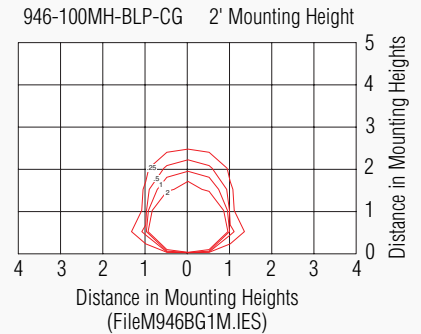
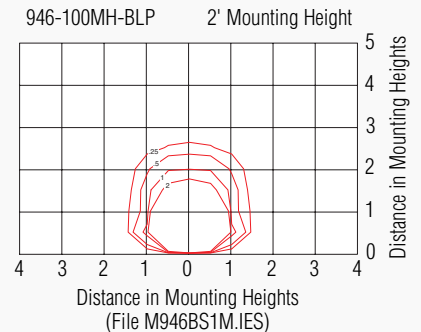
WHITE
PAINT



BLACK
PAINT



BLACK PAINT



Lamp Conversion Factors

Fluorescent	Footcandle Factor
2-13wTF (900 lms x 2)	0.28
26wQF (1710 lms)	0.27
2-26wQF (1710 lms x 2)	0.53
32wTRF (2400 lms)	0.37
232wTRF (2400 lms)	0.75
42wTRF (3200 lms)	0.50
2-42wTRF (3200 lms)	1.00
Incandescent	Footcandle Factor
2-100w (1600 lms x 2)	0.38

Metal Halide	Footcandle Factor*
50w (3400 lms)	0.40
70w (5200 lms)	0.62
100w (8400 lms)	1.00
High Pressure Sodium	Footcandle Factor*
35w (2250 lms)	0.27
50w (4000 lms)	0.48
70w (6300 lms)	0.75
100w (9500 lms)	0.13

Mounting Height Conversion Factors

Mounting Height	6"	1'	1'6"	2'	2'6"	3'	3'6"
Footcandle Factor	16	4	1.77	1	.64	.44	.32

* Apply to HID values.

All photometric data is available on sitelighting.com.

Designer Floodlights



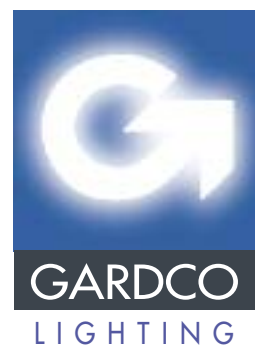
Fascia Plates



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