Weatherproof
Boxes & Covers

red●dot®

Thomas&Betts
A Member of the ABB Group

Red•Dot weatherproof boxes & covers
Contents

Overview
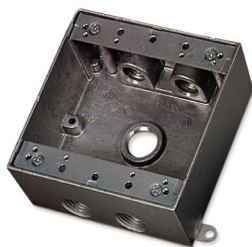## Weatherproof boxes, covers and lighting products

Weatherproof boxes, covers and lighting products

The industry's preferred choice for more than 50 years—Red•Dot® Weatherproof Boxes and Covers withstand the harshest elements and ensure trouble-free installation and performance.

Boxes

Red•Dot® boxes are made from durable die-cast aluminum and available in single- and double-gang rectangular as well as round configurations—with a variety of hub sizes to meet all needs.

While-in-use

Red•Dot® offers a wide variety of both metallic and non-metallic while-in-use covers. All of these covers help ensure that you meet the requirements of the National Electrical Code®.

Covers

Red•Dot® die-cast flip-lid weatherproof covers protect any outdoor receptacle from the elements. Constructed from rugged die-cast zinc, these covers will last a lifetime. A full line of non-metallic covers is also available.

Lighting

Red•Dot® has a complete lighting package for both general purpose outdoor lighting as well as decorative garden lights. All lighting products run off line voltage, providing more flexibility and brighter lighting than low-voltage or solar-powered sets, plus no additional transformers are required.

Merchandisers

With your choice of various stock displays or a customized display to fit your needs, Red•Dot® makes it easy to increase your counter sales.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof metallic covers
Wet or dry, all outlets can go undercover with Code Keeper®

Code Keeper® weatherproof covers
Code Keeper® while-in-use applications

Weatherproof Covers are required by the National Electrical Code® anyplace where water may come in contact with electrical outlets when a plug is in use. Code Keeper® covers are also ideal anywhere to prevent accidental disconnects, reduce tampering and to provide a lockable cover that meets OSHA requirements.
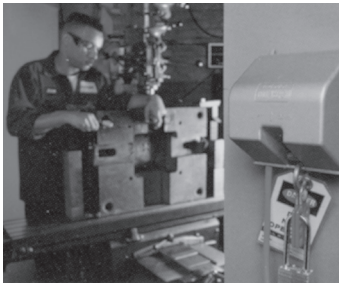
Suggested applications:

Residential—holiday and landscape lighting, wells and sump pumps, sprinkler systems, plug-in timers, garages, patios.

Commercial—vending machines, car washes, outdoor signs, restaurant kitchens, greenhouses and nurseries, marinas, garages, lumberyards.

Industrial—manufacturing areas, food processing, water treatment plants, security cameras, laboratories, wash-down areas, loading docks.

Recreational—pools and spas, parks, playgrounds, zoos, RV connections, athletic fields, ball parks, stadiums, outdoor stages, amphitheaters, golf courses.

National Electrical Code® Section 406.9(B):
(1) 15- and 20-Ampere, 125- and 250-Volt receptacles installed outdoors in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.

The electrical code is the reason you need a wet-location cover, but the reasons to buy Code Keeper® covers are simple: aluminum construction, easy installation with instructions in English, Spanish and French, and a lifetime warranty from a manufacturer that has defined reliability in electrical construction materials for more than half of a century.

Cover the code with protection that lasts a lifetime with Code Keeper® covers.

The National Electrical Code® requires you to cover outdoor or other wet-location receptacles any time they are in use to ensure the safety of anyone who may come in contact with them.

Code Keeper® covers are corrosion-resistant, aluminum wet-location covers that meet the requirements of the National Electrical Code® and are backed by a lifetime warranty.

Red•Dot® Code Keeper® wet-location cover is NEMA 3R Rated, UL Listed and CSA Certified and meets all the requirements of NEC® Section 406.9(B). Code Keeper® covers are rugged, corrosion-resistant metal construction that provide long-lasting durability and are not subject to cracking or breaking. Made with the same Red•Dot® quality that contractors know and trust. Code Keeper® covers offer a lifetime of use and safety.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof metallic covers
Code Keeper® metallic while-in-use covers

Applications:

- Protects receptacles, switches and plugs for single-gang and two-gang configurations in dry and wet locations
- Provides a lockable cover that complies with OSHA lockout/tagout requirements
- Prevents accidental equipment disconnects, reduces tampering and deters theft and equipment removal

Features/Benefits:

- Alloy A360 copper-free* aluminum provides increased corrosion resistance
- Die-cast, metal construction provides long-lasting durability
- NEMA 3R Rating ensures protection against falling rain, sleet and external ice formation when used with appropriate device boxes
- Clear UL® and CSA markings speed approval by inspectors
- Wide range of cover depths and receptacle configurations accommodate almost every common plug and cord size when combined with included adapter plates
- Combination box or device mounting design provides flexibility in installation

Standard materials:

- Covers and plates: Die-cast aluminum alloy A360 with less than .004 copper content (copper-free)
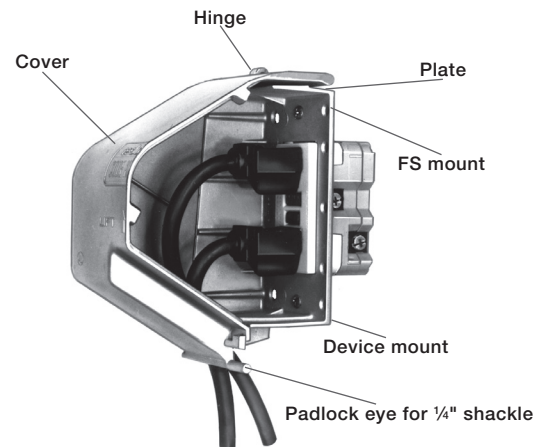- Gaskets: Closed-cell foam

Standard finish:

- Powder-coated finish

Compliances:

- NEC® Section 406.9(B)
- UL® Listed
- CSA Certified

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Hinge — Cover — Plate — FS mount — Device mount — Padlock eye for ¼" shackle

Sample specifications:

- Code Keeper® covers shall comply with NEC® Section 406.9(B) and be die-cast copper-free* aluminum alloy A360. Covers shall be finished powder-coated paint.
- Red•Dot® Catalog No. _____

*Less than .004 copper content.

All 15- and 20-ampere, 125- and 250-volt receptacles installed outdoors in a wet location must have an enclosure that is weatherproof whether or not the attachment plug is inserted.

Code-Keeper® is required by the National Electrical Code® Section 406.9(B) for unattended in-use plugs in wet locations.

- Die-cast A360 aluminum alloy (less than .004% copper content)
- NEMA 3R Rating
- Clear UL® and CSA markings
- Wide range of cover depths and receptacle configurations
- Sturdy lockable cover tab complies with OSHA lockout/tagout requirements
- Combination box- or device-mount design (for most styles)
- Powder-coated finish
- "Extra-Duty" per NEC® Section 406.9(B)(1)

CKSUV

Single-gang
small vertical
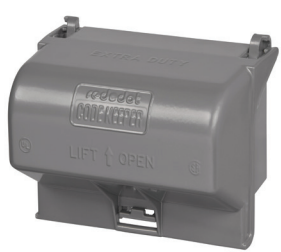
CKMU

Single-gang
medium horizontal

CKMUV

Single-gang
medium vertical

CKLSVU

Single-gang
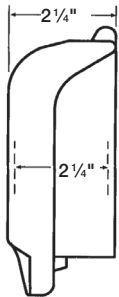large vertical

2CKU

Two-gang

Weatherproof metallic covers
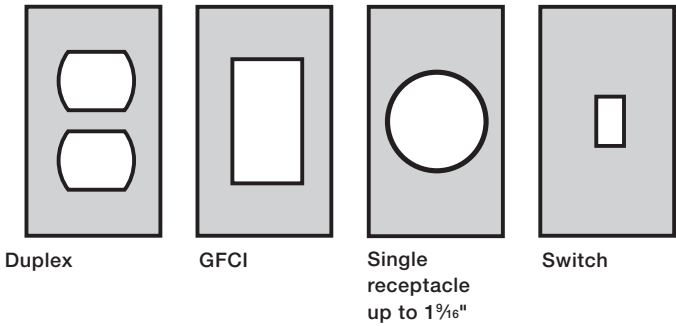## Code Keeper® metallic while-in-use covers—single gang

"Extra-Duty" per NEC® Section 406.9(B)(1)

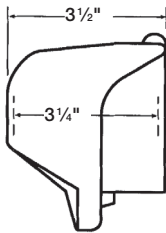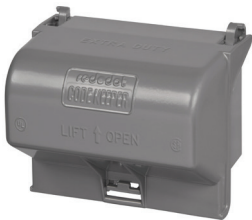#### CKSUV—Small vertical cover, 2¼" internal depth

Note: Covers packed with gasket and screws.
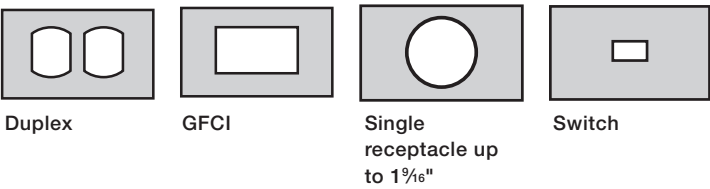
Use for any of these configurations:

Duplex | GFCI | Single receptacle up to 1⁹⁄₁₆" | Switch

CKMU—Medium horizontal cover, 3¼" internal depth

Note: Covers packed with gasket and screws.

Use for any of these configurations:

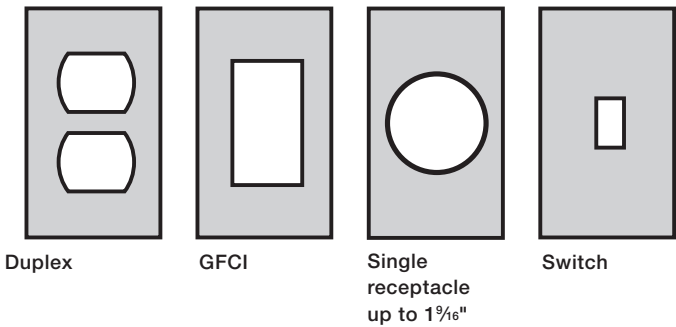Duplex | GFCI | Single receptacle up to 1⁹⁄₁₆" | Switch

CKMUV—Medium vertical cover, 3¼" internal depth
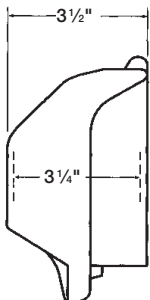
Note: Covers packed with gasket and screws.

Use for any of these configurations:

Duplex | GFCI | Single receptacle up to 1⁹⁄₁₆" | Switch

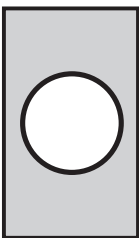#### CKLSVU—Large vertical cover, 4¾" internal depth
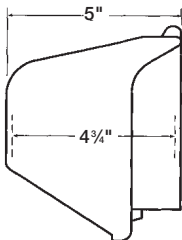
Note: Covers packed with gasket and screws.
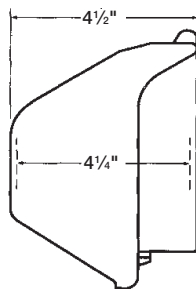
Single receptacle up to 1⁹⁄₁₆"

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof metallic covers
Code Keeper® metallic while-in-use covers—two-gang

"Extra-Duty" per NEC® Section 406.9(B)(1)

2CKU—Regular cover, 4¼" internal depth

Note: Dry-Tite® covers packed with gasket and screws.
*Can be used to cover one receptacle with an oversized wall opening.

Use for any of these configurations:
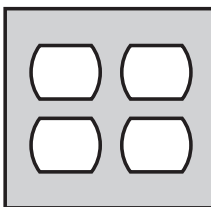
Two-duplex
receptacle cover
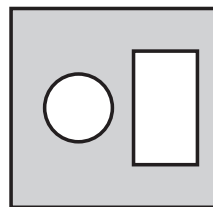
Single up to 1⅜" and
GFCI receptacle cover
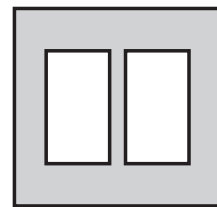
Two-GFCI receptacle
cover
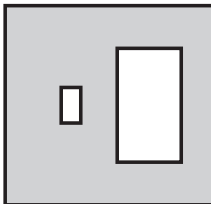
Toggle and GFCI
receptacle cover
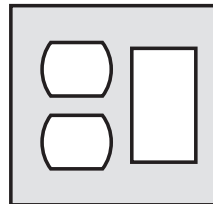
Duplex and GFCI
receptacle cover
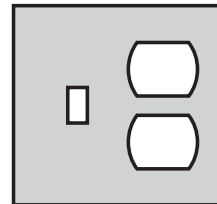
Toggle and duplex
receptacle cover

Two-single up to 1⅜"
receptacle cover

Toggle and single up
to 1⅜" receptacle
cover
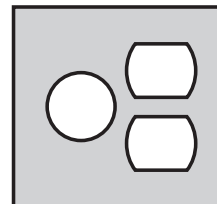
Single up to 1⅜" and
duplex receptacle
cover
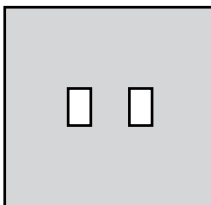
Two-toggle switch cover

Weatherproof metallic covers
Universal flip-lid weatherproof covers

Universal design installs in both horizontal and vertical applications.

New Red•Dot® Universal Flip-Lid Weatherproof Covers save you time and money by reducing the number of items you have to inventory to complete a job. Capable of mounting either vertically or horizontally, the covers provide added versatility with innova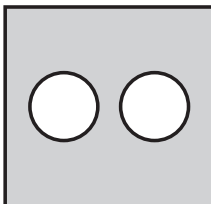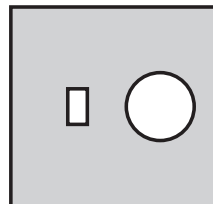tive adapter plates to support all of the most common installation configurations—12 with the single-gang cover and 25 with the 2-gang cover. Choose from silver, bronze or white covers.

Features:
– Included adapter plates offer 12 installation options with single-gang cover and 25 installation options with 2-gang cover
– Keyhole openings on back enable easy installation on an existing outlet
– Durable, die-cast zinc-alloy construction
– Suitable for use in wet locations with cover closed
– Available in silver, bronze and white
– Lockable for security when not in use
– Easy access to outlet with 130° opening
– Preconfigured for GFCI—the industry's most common outdoor application

CCU

Accommodates multiple outlet configurations (receptacles not included)

GFCI

Duplex

Single receptacle

Switch

Includes two adapter plates, single receptacle up to 1⁹/₁₆"
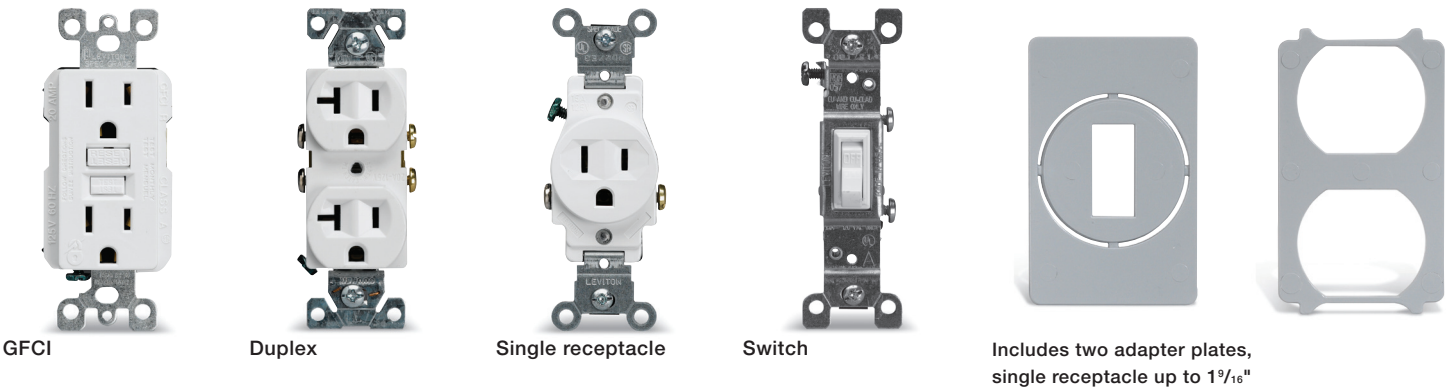
Cat. No.	Description
CCU	Single-gang cover (installs vertically or horizontally)—silver
DCCU	D-PAK®—single-gang cover, silver
DCCU-BR	D-PAK®—single-gang cover, bronze
DCCU-WH	D-PAK®—single-gang cover, white
DCCU-L	D-PAK®—single-gang cover, lockable
2CCU	2-Gang cover—silver
2CCU-BR	2-Gang cover—bronze
2CCU-WH	2-Gang cover—white
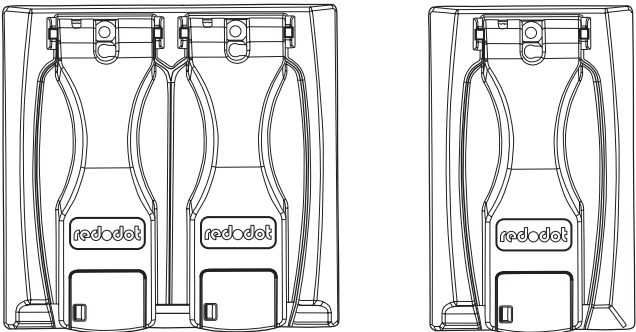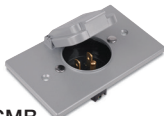
Single-gang device covers

Cat. No.	Color	Description
Duplex receptacle cover, horizontal		
CCD	Silver	Device mount
CCD-L	Silver	Device mount with lock option
CCD-FS	Silver	Box mount
WR81-CN	Natural	Cover, stay-open lid
WRH80-C	Gray	Cover, self-closing lids
D-PAK®		
DCCD	Silver	Device mount
DCCD-BR	Bronze	Device mount
DCCD-WH	White	Device mount
DCCDSO	Silver	Device mount, stay open
DCCDSO-BR	Bronze	Device mount, stay open
DCCDSO-WH	White	Device mount, stay open
Duplex receptacle cover, vertical		
CCDV	Silver	Device mount
CCDV-L	Silver	Device mount with lock option
D-PAK®		
DCCDV	Silver	Device mount
DCCDV-BR	Bronze	Device mount
DCCDV-WH	White	Device mount
GFCI receptacle cover, horizontal		
CCG	Silver	Device mount
CCG-FS	Silver	Box mount
CCG-L	Silver	Lockable
D-PAK®		
DCCG	Silver	Device mount
DCCG-BR	Bronze	Device mount
DCCG-WH	White	Device mount
GFCI Receptacle cover, vertical		
CCGV	Silver	Device mount
CCGV-L	Silver	Device mount with lock option
D-PAK®		
DCCGV	Silver	Device mount
DCCGV-BR	Bronze	Device mount
DCCGV-WH	White	Device mount

CCD

CCDV

CCG

CCGV

Note: All covers packed with gasket and screws.

Cat. No.	Color	Description
Single receptacle cover, horizontal— 1.59" Diameter opening		
CCS	Silver	Device mount
CCS-L	Silver	Lockable
CCSSO	Silver	Stay open lid
Single receptacle cover, vertical— 1.59"/2.156" Diameter opening		
CCSV	Silver	Device mount
CCSV-L	Silver	Device mount with lock option
CCPO	Silver	Power outlet cover with 2.156" Diameter opening, box mount
CCPO-L	Silver	Box mount with lock option
Single receptacle cover, vertical—1.59" Opening		
CCSV-TL	Silver	Device mount integral locking hasp
Motor base plug and cover, horizontal		
CCMB	Silver	Device mount 15a, 125v Motor base plug
Switch cover only		
CCT	Silver	Device mount switch cover only, packed with spacers and screws
Switch cover with switch		
CCT-1	Silver	Single-pole 15a, 125v
CCT-1-20	Silver	Single-pole 20a, 120-277v
SW1	Silver	One-gang cover with 10a, 125v single-pole switch
SW2	Silver	One-gang cover with 10a, 125v double-pole switch
SW20-1/710	Silver	One-gang cover with 20a, 102/277v single-pole switch (special oil- and gas-resistant gasket)
SW20-2	Silver	One-gang cover with 20a, 102/277v double-pole switch

CCS

CCSV

CCSV-TL

CCMB

CCT

CCT-1

UL Listed E-18407.
CSA Certified LR-016807.

Weatherproof metallic covers
Universal flip-lid weatherproof covers

Two-gang device covers

	Cat. No.	Description
Two-duplex receptacle cover		
	2CCD	Device mount
	2CCD-L	Device mount with lock option
2CCD	WR281-CBR	Cover, self-closing lids
	WR281-C-WH	Cover, self-closing lids
Two-GFCI receptacle cover		
	2CCG	Device mount
2CCG		
One duplex and one GFCI receptacle cover		
	2CCDG	Device mount
2CCDG		
Two-single receptacle cover—1.485" Diameter opening		
	2CCS	Device mount
2CCS	2CCS-L	Device mount with lock option
One single receptacle and one duplex receptacle cover—1.485" Diameter opening		
	2CCSD	Device mount
2CCSD		
Single receptacle and one GFCI receptacle cover—1.485" Diameter opening		
	2CCSG	Device mount
2CCSG	2CCSG-L	Device mount with lock option
Double switch cover		
	2CCT	Cover only, packed with spacers
2CCT	2CCT-1	Cover with two single-pole 15a, 125v switches and spacers
Switch and one duplex receptacle cover		
	2CCTD	Cover only, packed with spacers
2CCTD	2CCTD-1	Cover with one switch single-pole 15a, 125v and one duplex receptacle and spacers
Switch and one GFCI receptacle cover		
	2CCTG	Device mount cover only with spacers
2CCTG		

Note: Raintight when used with appropriate red•dot® boxes. All covers packed with gasket and screws.

Blank covers
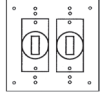
	Cat. No.	Color	Description
Single-gang			
	CCB	Silver	Device mount
	CCB-FS	Silver	Box mount
	D-PAK®		
	S340E-20R	Silver	Device mount
	S340BRE-R	Bronze	Device mount
CCB	S340WHE-R	White	Device mount
Two-gang			
	2CCB	Silver	Device mount
2CCB	2CCB-FS	Silver	Box mount
Three-gang			
	3CCB	Silver	Box mount
3CCB			

Note: Raintight when used with appropriate red•dot® boxes. All covers packed with gasket and screws.

Single-gang gaskets

	Cat. No.	Color	Description
	CCK	Black	Neoprene

Two-gang gasket

	Cat. No.	Color	Description
R104	R104	Black	Two-Gang Gasket

Weatherproof metallic covers
Universal flip-lid weatherproof covers

Single-gang covers

CCD

CCDV & CCGV

CCG

CCS

CCT

CCB

CCSV

CCMB

Typical FS mount hole pattern
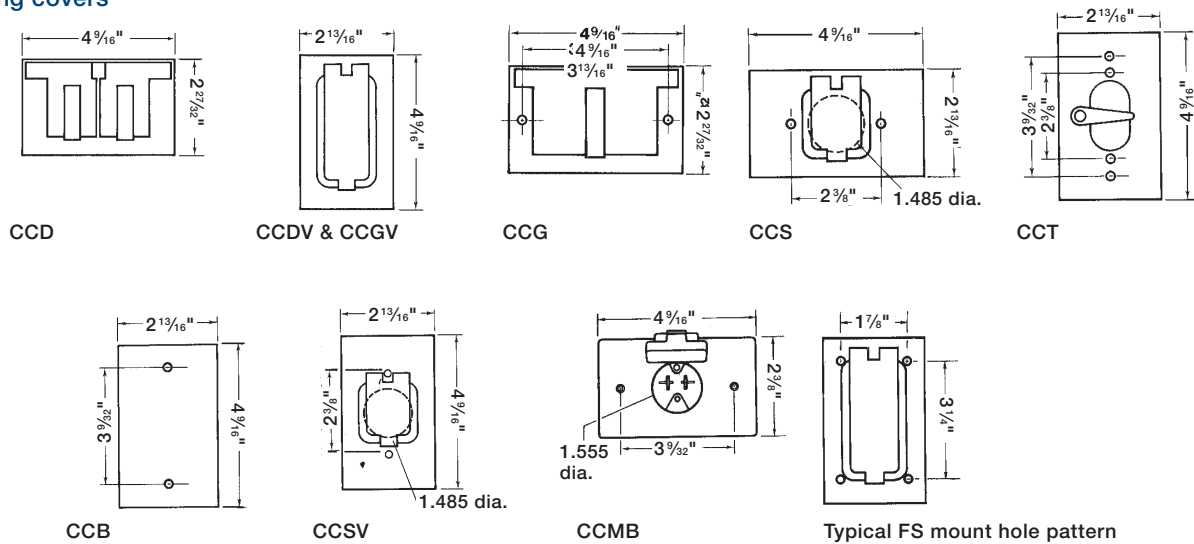
Two- and three-gang covers

2CCSD & 2CCSG

2CCTD

2CCB

3CCB

2CCS

2CCD & 2CCG

2CCT

2CCTG-FS

Typical FS mount hole pattern
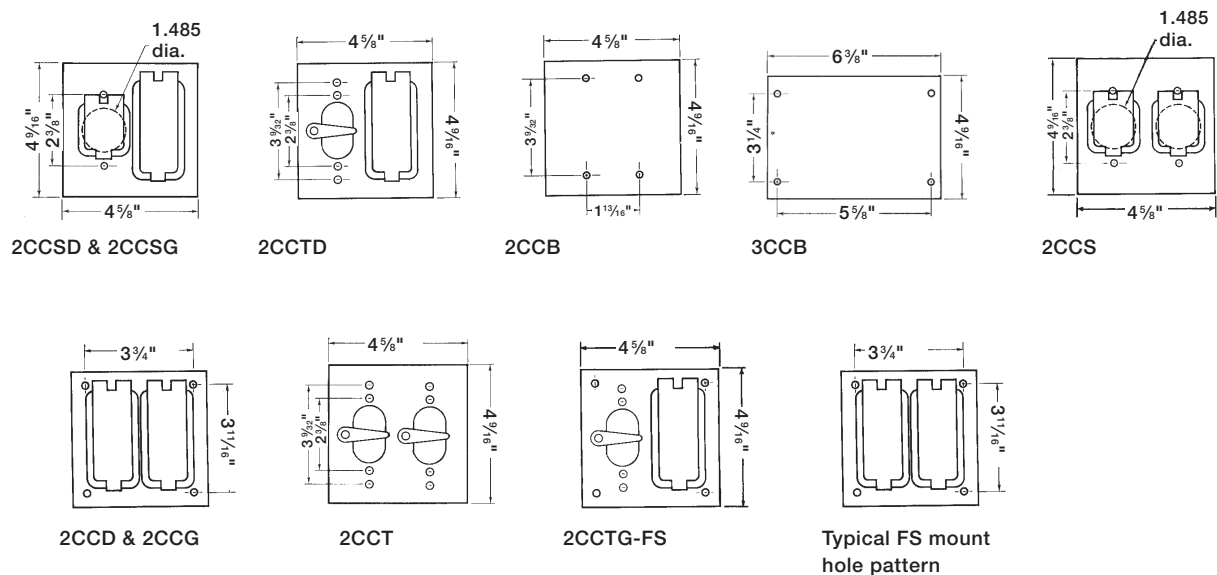
Weatherproof non-metallic covers
Red•Dot® Deck Grommet Pro™

Eliminates the safety hazard of cords plugged in to outdoor post or wall mounted outlets

Now you can provide power for small appliances on outdoor raised decks safely and conveniently with the new Red•Dot® Deck Grommet™ PRO. When not in use, the receptacle remains concealed beneath the deck board, showing only a stylish non-metallic cover. The Deck Grommet™ PRO is a versatile power solution for protecting outdoor receptacles mounted on a raised deck surface.

Deck Grommet™ PRO complies with National Electrical Code® (NEC) requirements for installing receptacles in wet locations. The NEMA 3R solution provides protection against falling rain, sleet, snow, and external ice formation. The Deck Grommet™ PRO is the first device to pass the agency testing requirements specifically developed for receptacles installed in a raised deck for "While-In-Use" application.

Features & benefits:

– Complies with NEC® Section 406.9 (B) (1) and 590.4 (D) (2) for unattended in-use plugs in wet locations and "Extra-Duty" outlet box hoods—now required for any installation.
– Ideal for outdoor living spaces and light commercial raised deck applications. Examples: residential recreation areas, outdoor restaurants, hospitality recreation areas, etc.
– Use for easy access to power for small appliances, lighting, water fountain pumps, etc.
– Eliminates the potential safety hazard of power cords draping along the deck surface.
– The power outlet remains recessed below the raised deck whether in use or not.
– Duplex adapter plate provided for use with conventional TR/WR duplex receptacle.

Red Dot® Deck Grommet PRO

Cat. Number	Description	Color
DKG	Deck Grommet™	Black
DKG-PRO	Deck Grommet™ PRO, tray pack	Black

Durable, textured, shrouded cover. Complies with nec® "extra-duty" outlet box hoods

Wiring chamber electrical box

Duplex receptacle Adapter plate

Deck frame

Device cover plate

Swing clamps (4)

Flexible outdoor rated cord whip (3 feet)

DKG-PRO

Cord connector (2)

DKG
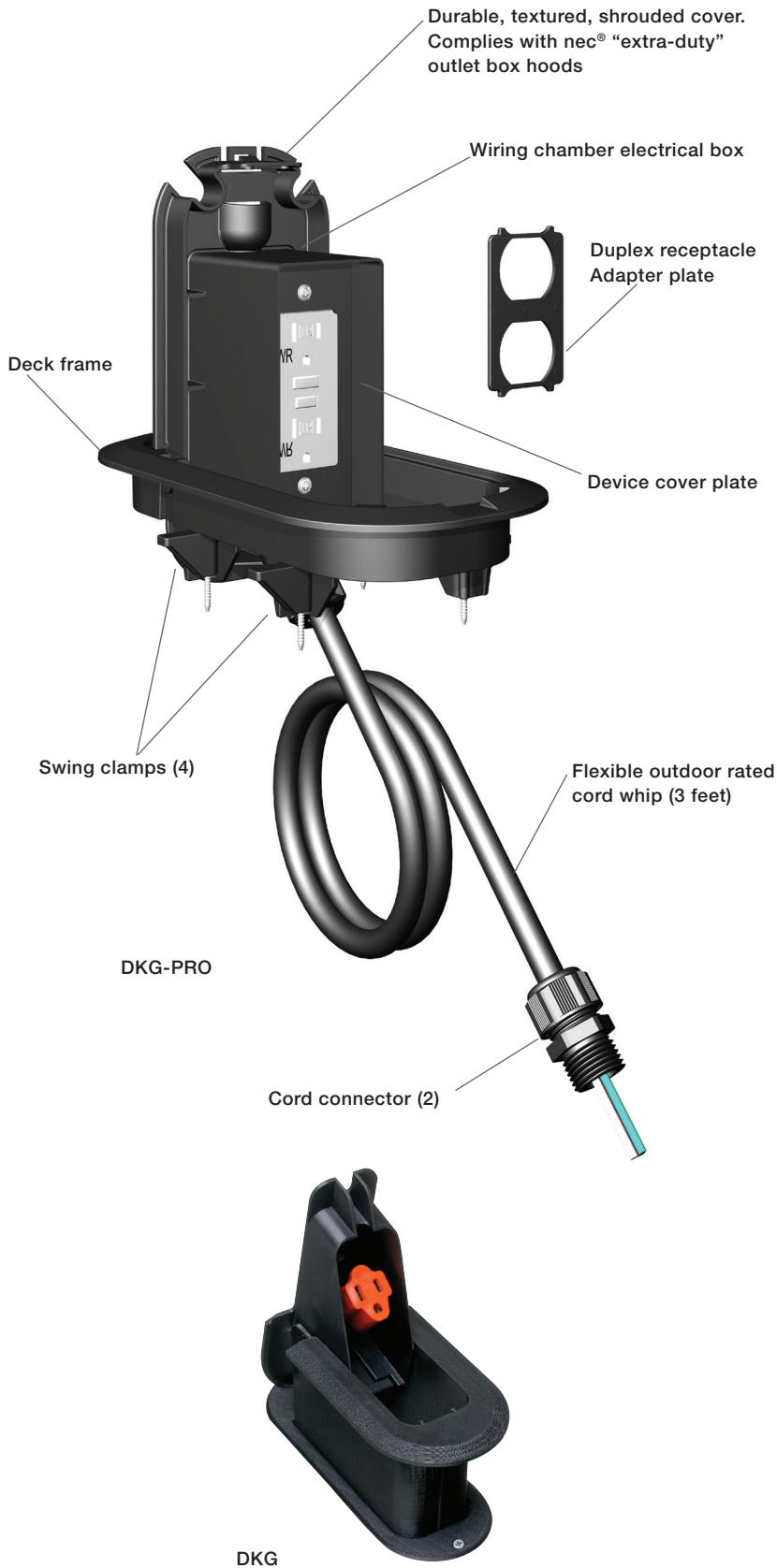
Weatherproof non-metallic covers
Single-gang—vertical mount

Single-gang—vertical mount
- For use in wet/damp locations
- Mounts to a box or device
- Non-metallic – won't rust or fade
- Paintable
- Easy to install
- Made in the U.S.A.

CSA LR31146 UL MARINE LISTED E11461

30-Amp receptacle
For 30-amp or other single receptacles under 1.750" Diameter

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98G30N-CAR	Gray	10	2.1

E98G30N-CAR

Duplex receptacle

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98GDRN-CAR	Gray	10	2

E98GDRN-CAR

GFCI Receptacle
Device opening dimensions: 2.63" H x 1.31" W

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98GFCN-CAR	Gray	10	2

E98GFCN-CAR

15-Amp receptacle
For 15-amp or other single receptacles under 1.375" Diameter

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98SRCN-CAR	Gray	10	2.1

E98SRCN-CAR

20-Amp receptacle
- For 20-amp or other single receptacles under 1.625" Diameter

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98G20N-CAR	Gray	20	4.1

E98G20N-CAR

Single switch

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98SSCN-CAR	Gray	10	2.1

E98SSCN-CAR

Toggle switch

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98TSCN-CAR	Gray	5	1.1

E98TSCN-CAR

Blank
Supplied with stainless steel mounting screws and gasket

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E980CN-CAR	Gray	12	1.60
E980CM-CAR	White	12	1.60

E980CN-CAR

50-Amp receptacle
For 50-amp or other single receptacles under 2.250" Diameter

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98G5FN-CAR	Gray	10	2

E98G5FN-CAR

Weatherproof non-metallic covers
Single-gang—horizontal mount

Single-gang—horizontal mount
Duplex receptacle

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98DHGN-CAR	Gray	10	3.9

E98DHGN-CAR

GFCI Receptacle

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E98GHGN-CAR	Gray	10	1.9

Note: Device opening dimensions: 2.63" W x 1.3" H.

E98GHGN-CAR

Double-gang

– For use in wet/damp locations
– Mounts to a box or device
– Non-metallic—won't rust or fade
– Paintable
– Easy to install
– Made in the u.S.A.

Two-gang blank
Supplied with stainless steel mounting screws and gasket

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E9802CN-CAR	Gray	10	2.17

E9802CN-CAR

Combination toggle/GFI

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E9G2GTN-CAR	Gray	5	1.3

E9G2GTN-CAR

Double duplex

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E9G2DDN-CAR	Gray	10	2.3

E9G2DDN-CAR

Combination toggle/duplex receptacle

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E9G2DSN-CAR	Gray	10	1.3

E9G2DSN-CAR

Double toggle

Cat. No.	Color	Std. Ctn.	Std. Wt. (lbs.)
E9G2SSN	Gray	6	3.2

E9G2SSN

Door operated light switch

Cat. No.	Color	Std. Ctn.	Description
DN415	Gray	25	Door open—light on
DF415	Gray	25	Door open—light off

DN415

Weatherproof non-metallic covers
Code Keeper® extra-duty non-metallic weatherproof while-in-use covers

One cover handles GFCI, single, duplex or switch configurations

Red•Dot® Code Keeper® extra-duty non-metallic weatherproof while-in-use covers make it easier than ever to comply with National Electrical Code® (NEC®) requirements for receptacles in wet locations. Weatherproof covers are often subject to bumps and impact through everyday use, but this reinforced design withstands abuse, featuring a stainless steel hinge pin for rugged cover attachment that's great for high-traffic areas.

Pre-configured for GFCI, each cover ships with adapter plates to accommodate single or duplex receptacles and switches. Now, contractors can handle any application they encounter without needing dozens of different covers.

- Complies with NEC® Section 406.9 (B) (1) and 590.4 (D) (2) for extra-duty outlet box hoods—now required in wet locations
- Robust stainless steel hinge pin—ideal for high-traffic areas
- Available in single- and two-gang configurations with a variety of cover depths
- Accommodates numerous receptacle configurations and almost every common plug and cord size
- Keyhole mounts make it fast and easy to install—just loosen existing device screws and slide cover over
- Combination box or device-mounting design provides flexibility in installation
- Lockable covers comply with OSHA lockout/tagout (LOTO) requirements
- Ships with adapter plates and pre-mounted gaskets
- Unique wasp guard included to keep out unwanted pests

2CKPM

CKPM

Red•Dot® Code Keeper® extra-duty non-metallic while-in-use covers

Cat. Number	Top color	Bottom color
Single-gang shallow—vertical or horizontal—2¼" deep		
CKPS	Clear	Gray
CKPS-G	Gray	Gray
CKPS-W	White	White
CKPS-BR	Bronze	Bronze
Single-gang medium—vertical or horizontal—2⅞" deep		
CKPM	Clear	Gray
CKPM-G	Gray	Gray
CKPM-W	White	White
CKPM-BR	Bronze	Bronze
Single-gang large—vertical or horizontal—4¾" deep		
CKPL	Clear	Gray
Two-gang medium—2⅞" deep		
2CKPM	Clear	Gray
2CKPM-G	Gray	Gray
2CKPM-W	White	White
2CKPM-BR	Bronze	Bronze
Two-gang large — 4¾" deep		
2CKPL	Clear	Gray

*NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof non-metallic covers
Code Keeper® universal non-metallic weatherproof while-in-use covers
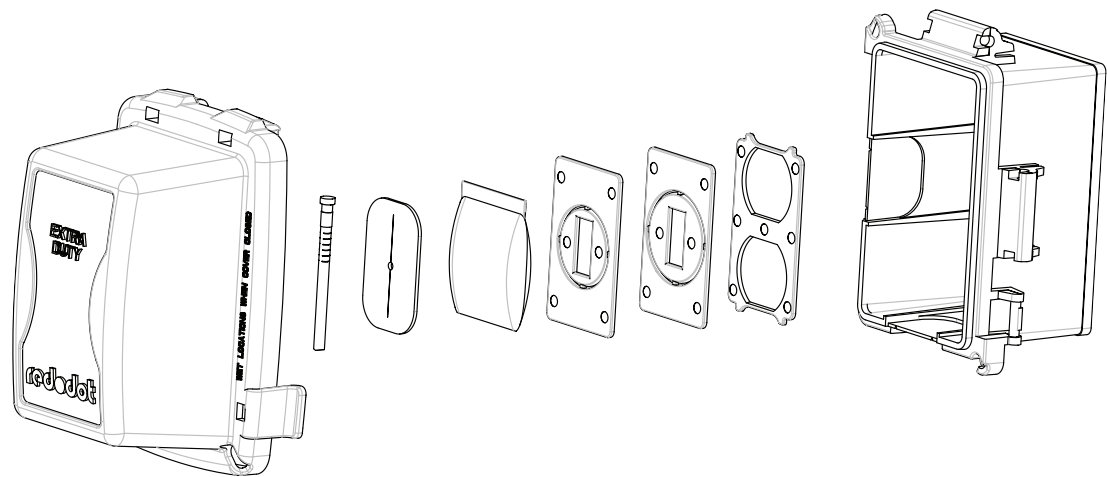
Single-gang (CKPM) — dimensions

4 11/16"

5 3/4"

6 5/32"

2 7/8" (CKPM)
2 5/32" (CKPS)
(INSIDE)

3 11/32" (CKPM)
2 5/8" (CKPS)
INCLUDING GASKET

EXTRA DUTY

WET LOCATIONS WHEN COVER CLOSED

red•dot
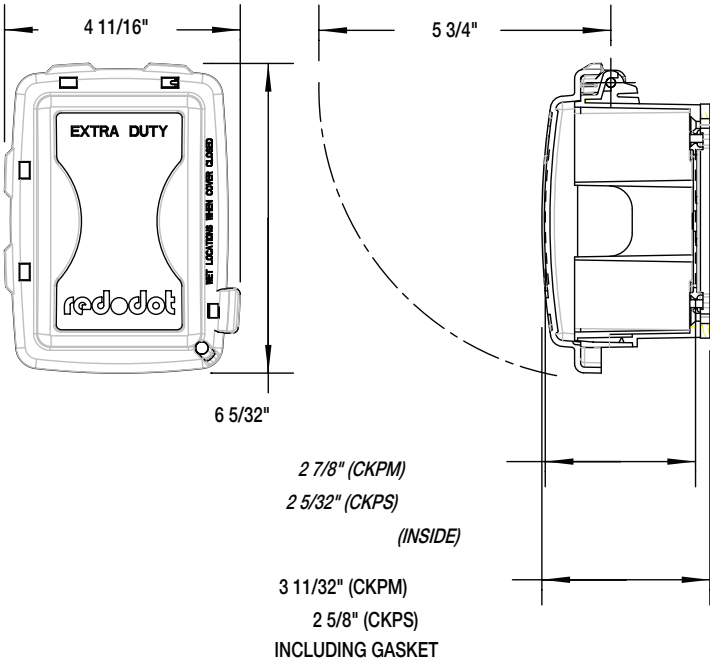
Two-gang (2CKPM) — dimensions

5 9/16"

6 7/32"

6 5/8"

EXTRA DUTY

red•dot

WET LOCATIONS WHEN COVER CLOSED

2 7/8"
(INSIDE)

3 11/32"
INCLUDING
GASKET
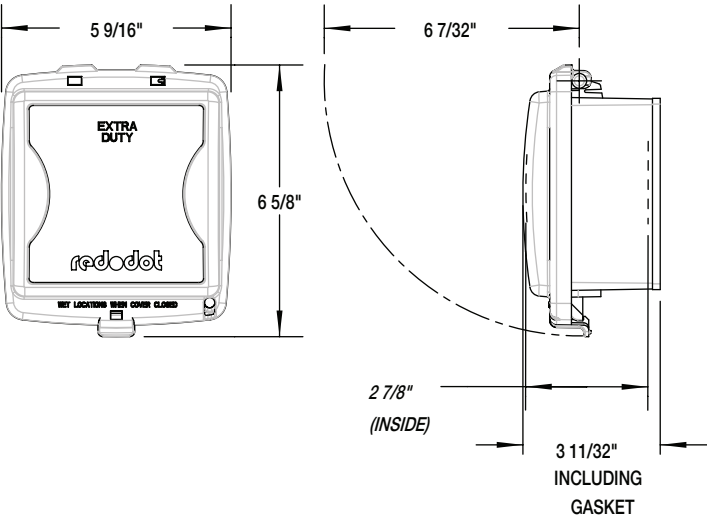
Single-gang base options
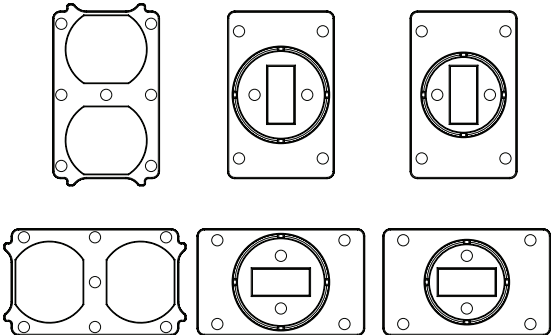
GFCI, Duplex, Switch, up to 1⁹⁄₁₆" Rounds

Weatherproof metallic boxes
Universal boxes and covers

Applications:
– Dry-Tite™ boxes and covers protect wiring devices, switches, electronic components and terminal blocks in dry, damp and wet locations
– Accessible wiring chamber provides a convenient location to maintain or change a system, pull conductors and make splices
– Junction box for branch conduits

Features/Benefits:
– Alloy A380 aluminum, certified zinc alloy and stainless steel springs provide increased corrosion resistance
– Die-cast construction and industrial design combine to produce a rugged protective enclosure for devices on many applications
– Clean cover edges provide good gasket sealing
– Precision-cast and machined surfaces permit safer wire pulling
– Clear UL and cubic content markings speed approval by inspectors
– Convenient mounting lugs for a variety of mounting methods
– Securely fastened mounting plates reduce costly callbacks

Standard materials:
– Boxes: Die-cast aluminum alloy A380
– Cover Plates: Stamped aluminum alloy or certified die-cast zinc alloy ZAMAK 3
– Cover Lids: Certified die-cast zinc alloy ZAMAK 3
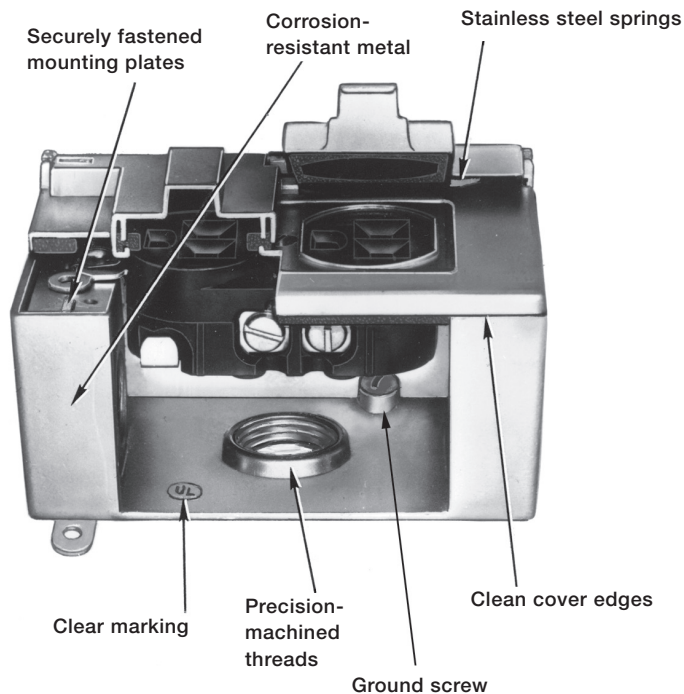
Standard finish:
– Powder-coated finish

Compliances:
– UL® Listed (UL File No. E-28688)
– Boxes: CSA Certified with factory installed ground screw**
– Covers: CSA Certified
– Covers suitable for use in wet locations with covers closed
– CCB and CCT series covers suitable for use in wet locations
– Federal Spec. W-C-586
– NEMA 3R Rated

Sample specifications:
– Universal device boxes and covers shall be of aluminum alloy A380 and certified zinc alloy. All conduit stops shall be free of rough edges. Covers shall have stainless steel springs. Covers shall be finished with powder-coated paint. Universal device boxes and covers shall be Red•Dot® Catalog No. _____

** Consult factory for lead time and minimum quantity.

2CCTS

2IH5-1

CCD

Accessible wiring chamber provides a convenient location to pull conductors and make splices in dry, damp or wet locations.

– Maximum cubic capacity
– Securely fastened mounting plates
– Corrosion-resistant materials
– Powder-coated finish
– Ground screw included
– Precision-machined threads
– Clear UL and cubic volume marking

IH3-1-LM

Securely fastened mounting plates

Corrosion-resistant metal

Stainless steel springs

Clear marking

Precision-machined threads

Ground screw

Clean cover edges

Weatherproof metallic boxes
Universal boxes and covers

Single-gang

	Cat. No.	Hub size (in.)	Color
Three outlets			
	IH3-1	½	Silver
	IH3-2	¾	Silver
	IH3-1-LM•	½	Silver
	IH3-2-LM•	¾	Silver
	D-PAK®		
	DIH3-1-LM•	½	Silver
	DIH3-1-LM-BR•	½	Bronze
	DIH3-1-LM-WH•	½	White
	DIH3-2-LM•	¾	Silver
IH3-1	B13030G	1	Silver
Four outlets			
	IH4-1	½	Silver
	IH4-2	¾	Silver
	IH4-1-LM•	½	Silver
	IH4-2-LM•	¾	Silver
	D-PAK®		
	DIH4-1-LM•	½	Silver
	DIH4-1-LM-BR•	½	Bronze
	DIH4-1-LM-WH•	½	White
IH4-1	DIH4-2-LM•	¾	Silver
Five outlets			
	IH5-1	½	Silver
	IH5-2	¾	Silver
	IH5-1-LM•	½	Silver
	IH5-2-LM•	¾	Silver
	D-PAK®		
	DIH5-1-LM•	½	Silver
IH5-1	DIH5-2-LM•	¾	Silver
Five outlets (2-side)			
	B1501SGR	½	Silver
	B1502SG	¾	Silver
B1501SGR			
Six outlets (3-side)			
	IH6S2-1•	½	Silver
	IH6S2-2•	¾	Silver
IH6S2-1			

Note: Raintight when used with appropriate Red•Dot® covers. Boxes supplied with 2 closure plugs and ground screw.
• With mounting lugs

Two-gang

	Cat. No.	Hub Size (in.)
Three outlets		
	2IH3-1•	½
	2IH3-2•	¾
	D-PAK®	
2IH3-1	D2IH3-1	½
Four outlets		
	2IH4-1•	½
	2IH4-2•	¾
2IH4-1		
Five outlets		
	2IH5-1•	½
	2IH5-2•	¾
2IH5-1		
Five outlets (2-side)		
	2IH5S2-1•	½
	2IH5S2-2•	¾
	B25D30G	1
2IH5S2-1		
Seven outlets		
	2IH7-1•	½
	2IH7-2•	¾
2IH7-1		
Seven outlets (2-side)		
	2IH7S2-1•	½
	2IH7S2-2•	¾
2IH7S2-1		

Note: Raintight when used with appropriate Red•Dot® covers.
Boxes supplied with 2 closure plugs and ground screw.
• With mounting lugs

Weatherproof metallic boxes
Universal boxes and covers

Deep boxes—single- and multi-gang

	Cat. No.	Hub Size (in.)
Three outlets		
	IHD3-1●	½
	IHD3-2●	¾
IHD3-1	IHD3-3●	1
Four outlets		
	IHD4-1●	½
IHD4-1	IHD4-2●	¾
Two-gang five outlets		
	2IHD5-1●	½
	2IHD5-2●	¾
2IHD5-1	2IHD5-3●	1
Two-gang seven outlets		
2IHD7S2-3	2IHD7S2-3	1
	B37D20G	¾
B37D20G	B37D305	1

Close-up plugs—zinc

	Cat. No.	Hub Size (in.)	Color	Material
	PLG-1-RD	½	Silver	Zinc
	PLG-2-RD	¾	Silver	Zinc
PLG-1-RD	PLG-3-RD	1	Silver	Zinc

D-PAK®

	Cat. No.	Hub Size (in.)	Color	Material
	DPLG-1	½	Silver	Zinc
	DPLG-1-BR	½	Bronze	Non-metallic
	DPLG-1-WH	½	White	Non-metallic
DPLG-1	DPLG-2	¾	Silver	Zinc

Extensions—single-gang

	Cat. No.	Hub size (in.)	Description
No outlets—1" deep			
IHE	IHE	N/A	Extension ring for one-gang box with gasket and screws
Four outlets—1⅜" deep			
S121E-R	S121E-R	½	4-hole extension ring for one-gang box with 4 plugs, gasket and screws
Two outlets, flanged—1⅞" deep add on			
	IHEF2-1	½	2-hole flanged box extension adapter with 1 plug gasket and screws
IHEF2-1	IHEF2-2	¾	
Six outlets, flanged—1⅞" deep add on			
	IHEF6S2-1	½	6-hole flanged box extension adapter with 4 plugs, gasket and screws
IHEF6S2-1	IHEF6S2-2	¾	

Extensions—Two-gang

Deep				
2IHE	2IHE	N/A	0	Extension ring for two-gang boxes with gasket and screws

Extensions—Round

Four outlets—1⅝" deep			
	S130E	½	4	Round extension with gasket and screws
S130E	SE-48	¾	4	

Mounting lugs

	Cat. No.	Description
LM	LM	2 Mounting lugs with self-tapping screws, for LM boxes only

Weatherproof metallic boxes
Universal boxes and covers

Single-gang boxes

IH
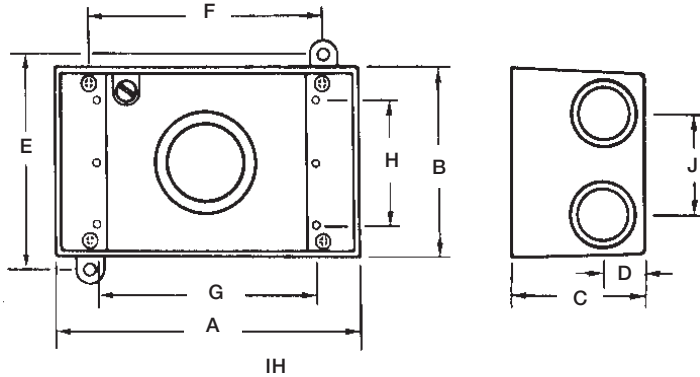
Single-gang extension rings

IHE4-1

IHE
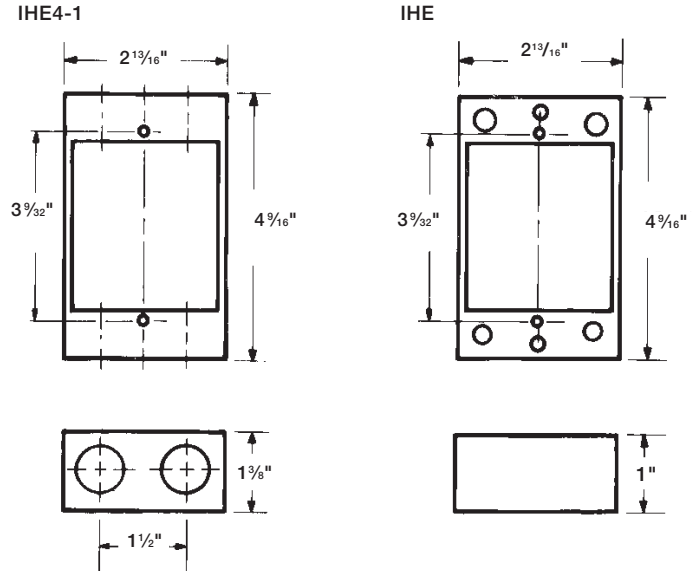
Two-hole flanged box extension adapter
IHEF2 (Add-On)
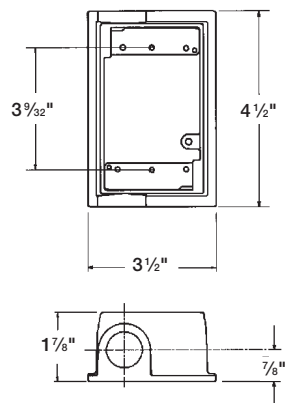
Six-hole flanged box extension adapter
IHEF6S2 (Add-On)

Cat. No.	Hub Size	Dimensions (in.)									
		A	B	C	D	E	F	G	H	J	CI
IH-1	½	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	—	—	3¼	1⅞	1½	17.3
IH-2	¾	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	—	—	3¼	1⅞	1½	17.0
IH-LM-1	½	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	17.3
IH-LM-2	¾	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	17.0
IH-S-1	½	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	17.0
IH-S-2	¾	4⁹⁄₁₆	2¹³⁄₁₆	2	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	17.0
IHD3-1	½	4⁹⁄₁₆	2¹³⁄₁₆	2⅝	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	24.8
IHD3-2	¾	4⁹⁄₁₆	2¹³⁄₁₆	2⅝	⅝	3¹³⁄₁₆	3½	3¼	1⅞	1½	24.8
IHD3-3	1	4⁹⁄₁₆	2¹³⁄₁₆	2⅝	¾	3¹³⁄₁₆	3½	3¼	1⅞	1½	23.5

Two- and three-gang boxes
2IH & 3IH
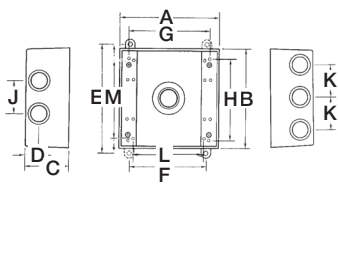
Two-gang extension ring
2IHE

CAT. NO.	Dimensions (in.)												
	A	B	C	D	E	F	G	H	J	K	L	M	CI
2IH3	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	—	—	3¼	3⁹⁄₁₆	31.8
2IH4	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	1½	—	3¼	3⁹⁄₁₆	31.8
2IH5	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	1½	—	3¼	3⁹⁄₁₆	31.8
2IH5S2	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	—	—	3¼	3⁹⁄₁₆	31.8
2IH7	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	—	1½	3¼	3⁹⁄₁₆	30.3
2IH7S2	4⁹⁄₁₆	4⅝	2¹⁄₁₆	⅝	5	3½	3¹⁷⁄₃₂	3¾	1½	—	3¼	3⁹⁄₁₆	32.0
2IHD5	4⁹⁄₁₆	4⅝	2¹⁷⁄₃₂	¾	5	3½	3¹⁷⁄₃₂	3¾	1⁹⁄₁₆	—	3¼	3⁹⁄₁₆	40.3
3IHD7	4⁹⁄₁₆	6⁷⁄₁₆	2¹⁷⁄₃₂	1³⁄₁₆	6¹³⁄₁₆	3½	3¼	5⅝	—	1³⁄₁₆	3¼	3⁹⁄₁₆	54.8

Weatherproof metallic boxes
Round boxes, extensions and covers

Applications:
– Junction for branch conduits
– Spacious, accessible wiring chamber provides a convenient location to maintain or change a system, pull conductors and make splices

Features/Benefits:
– Copper-free* aluminum provides increased corrosion resistance
– Precision-cast and machined surfaces permit safer wire pulling
– Clean cover edges provide good gasket sealing
– Precision NPT threads enable trouble-free field installation for rigid, IMC or EMT conduit
– Deep-slotted stainless steel cover screws for faster installation
– Clear UL® and cubic content markings speed approval by inspectors

Standard materials:
– S Boxes: Die-cast aluminum alloy A380
– SS-B Cover: Stamped aluminum
– Gaskets: Composition

Standard finish:
– Powder-coated finish

Compliances:
– UL® Listed
– Federal Spec. W-C-586B
– Sample Specifications:
– Outlet boxes and covers shall be die-cast copper-free* aluminum alloy A380 ("S"). Outlet boxes and covers shall be finished with powder-coated paint.

Outlet boxes and covers shall be Red•Dot®.
Catalog No. _____
* Less than .004% copper content.
** S Boxes — Die-cast aluminum alloy A380.

S-47

Boxes

Cat. No.	Color	Hub size (in.)	Description
Five outlets, 4⅛" diameter			
S-47	Silver	½	5 Outlets, cast
S47CFB	Silver	½	Ceiling fan box and cover rated for 50 lb. Fixture or 35 lb. Fan
S-48	Silver	¾	Mounting lugs, 4 closure plugs
S48CFB	Silver	¾	Ceiling fan box and cover rated for 50 lb. Fixture or 35 lb. Fan
D-pak®			
DS-47	Silver	½	5 Outlets
DS-47-BR	Bronze	½	5 Outlets
DS-47-WH	White	½	5 Outlets
DS-48	Silver	¾	5 Outlets
DS-48-BR	Bronze	¾	5 Outlets
DS-48-WH	White	¾	5 Outlets
DS-47B	Silver	½	With blank cover
DS-48B	Silver	3/4	With blank cover

Note: Boxes are raintight when used with appropriate Red•Dot® covers.
All covers packed with gasket and screws.

S130E
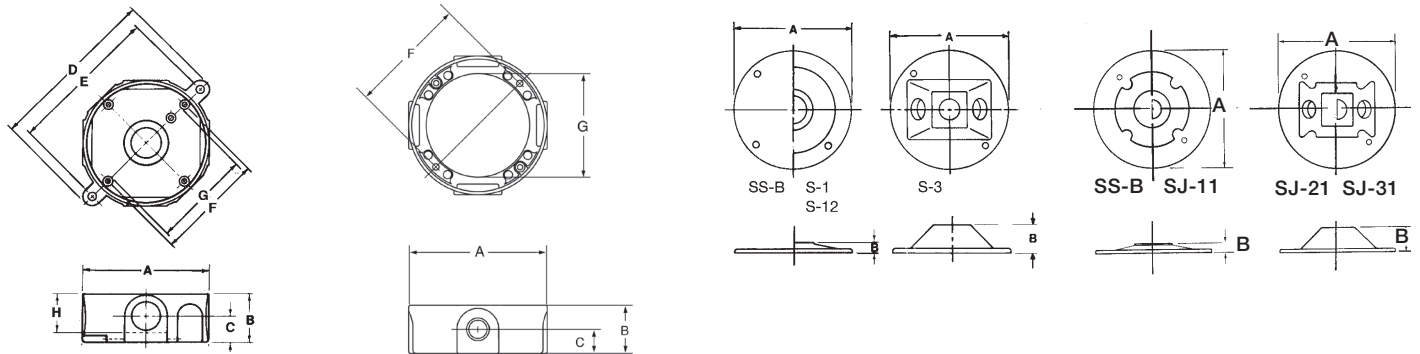
4½" Round extensions

Cat. No.	Color	Hub size (in.)	Description
Four outlets, 4⅛" diameter, 1⅝" deep			
S130E	Silver	½	4 Outlets
SE-48	Silver	¾	4 Closure plugs, gasket and screws

Weatherproof metallic boxes
Round boxes, extensions and covers

Outlet boxes, extensions

SS-B S-1
S-12

S-3

SS-B SJ-11

SJ-21 SJ-31

Cat. No.	Dimensions (in.)									
	Hub Size	A	B	C	D	E	F	G	H	CI
S-47	½	4⅛	1⅝	¾	5⁹⁄₁₆	4¹⁵⁄₁₆	3½	3⅛	1¼	17.0
S130E	½	4⅛	1⅝	1³⁄₁₆	—	—	3½	3¹⁄₁₆	—	18.3
S-71	½	4⅛	1⅝	¾	5⁹⁄₁₆	4¹⁵⁄₁₆	3½	3⅛	1¼	16.3
S-48	¾	4⅛	1⅝	⅞	5⁹⁄₁₆	4¹⁵⁄₁₆	3½	3⅛	1¼	17.0
SE-48	¾	4⅛	1⅝	1³⁄₁₆	—	—	3½	3¹⁄₁₆	—	18.3
SS-B	—	4⅛	³⁄₆₄	—	—	—	—	—	—	—
S-1	½	4⅛	1³⁄₃	—	—	—	—	—	—	—
S-12	¾	4⅛	⅝	—	—	—	—	—	—	—
S-3	½	4⅛	1¹⁄₁₆	—	—	—	—	—	—	—
SS-B	—	4½	⅝	—	—	—	—	—	—	—
SJ-11	½	4½	⅜	—	—	—	—	—	—	—
SJ-21	½	4½	1	—	—	—	—	—	—	—
SJ-31	½	4½	1	—	—	—	—	—	—	—

Round lampholder covers

– Heavy-duty die-cast construction
– Powder-coat finish in silver, bronze or white
– Three-hole cover is supplied with a ½" closure plug
– Supplied with sealing gasket and cover screw

4⅛"
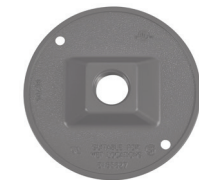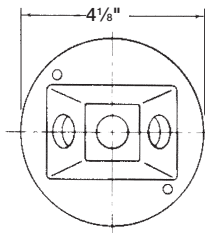
Cat. No.	No. of Outlet Holes	Outlet Size	Color	Std. Ctn.
S211E	1	½	Silver	25
S211BRE	1	½	Bronze	25
S211WHE	1	½	White	25
S201E	2	¾	Silver	25
S213E-15R	3	½	Silver	25
S213BRE-9R	3	½	Bronze	25
S213WHE-9R	3	½	White	25

UL Listed E-51763.
CSA Certified LR-18685.

S211E

Round blank covers

SS-B

CCRSB

Cat. No.	Color	Description
4⅛" Diameter		
SS-B	Silver	Weatherproof cover with gasket and screws
5" Diameter		
CCRSB	White	Mounting holes 2¾" on center (not raintight)
CCRB	White	Mounting holes 3½" on center (not raintight)

Note: Covers are raintight when used with appropriate Red•Dot® boxes. All covers packed with gasket and screws.

Weatherproof non-metallic fixtures and boxes
Red•Dot® non-metallic weatherproof fixtures

Weatherproof T Boxes
– Red•Dot® Weatherproof T Boxes are for use with non-metallic wiring systems only
– Can be used with Red•Dot® lampholder

Single-Gang T Box
– With three ½" threaded holes
– Mounting feet included

Cat. No.	Color	Size (in.)
E381D-CAR	Gray	½
E381DW-CAR	White	½
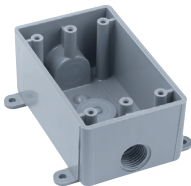
E381D-CAR

Double-Gang T Box
– With three ½" and four ¾" threaded holes
– Mounting feet included

Cat. No.	Color	Size (in.)
E382DE	Gray	½
E382DEW	White	½

E382DE

Round T Box
– With five ½" threaded holes
– Mounting feet included

Cat. No.	Color	Size (in.)
E365D-CAR	Gray	½
E365DW-CAR	White	½

E365D-CAR

Weatherproof metallic lampholders
Lampholders, garden lights and accessories

Applications:
- Security and general outdoor lighting fixture for residential and commercial applications
- Accent lighting fixture for highlighting outdoor signs and architectural details
- Compact outdoor lighting fixture that can be mounted easily in most places and aimed in any direction

Features/Benefits:
- Clean lines and precision manufacturing result in a fixture that will enhance any application
- High-quality replaceable porcelain socket with high-temperature leads enables easy field maintenance
- Positive-locking mounting arm keeps fixture in aimed position to reduce costly callbacks
- Ground screw boss in arm

Standard materials:
- Fixture: Certified die-cast zinc alloy ZAMAK 3
- Gasket: Heat-resistant composition or high-temperature silicone
- Socket: Center contact, porcelain, medium base

Standard finish:
- Powder-coated finish
- Chrome-plated zinc

Compliances:
- UL® Listed
- Suitable for use in wet locations

Sample specifications:
- Lampholders shall be certified die-cast zinc alloy ZAMAK 3. Lampholder will have positive-locking mounting arm and replaceable socket. Fixture shall be Red•Dot® Dry-Tite™. Catalog No. _____ for use with _____ Watt incandescent lamp.

Heat-resistant gasket   Porcelain socket

Corrosion-resistant metal

Locking arm

Ground screw

S500EG

S500E-RL

L-800

S513E-RL
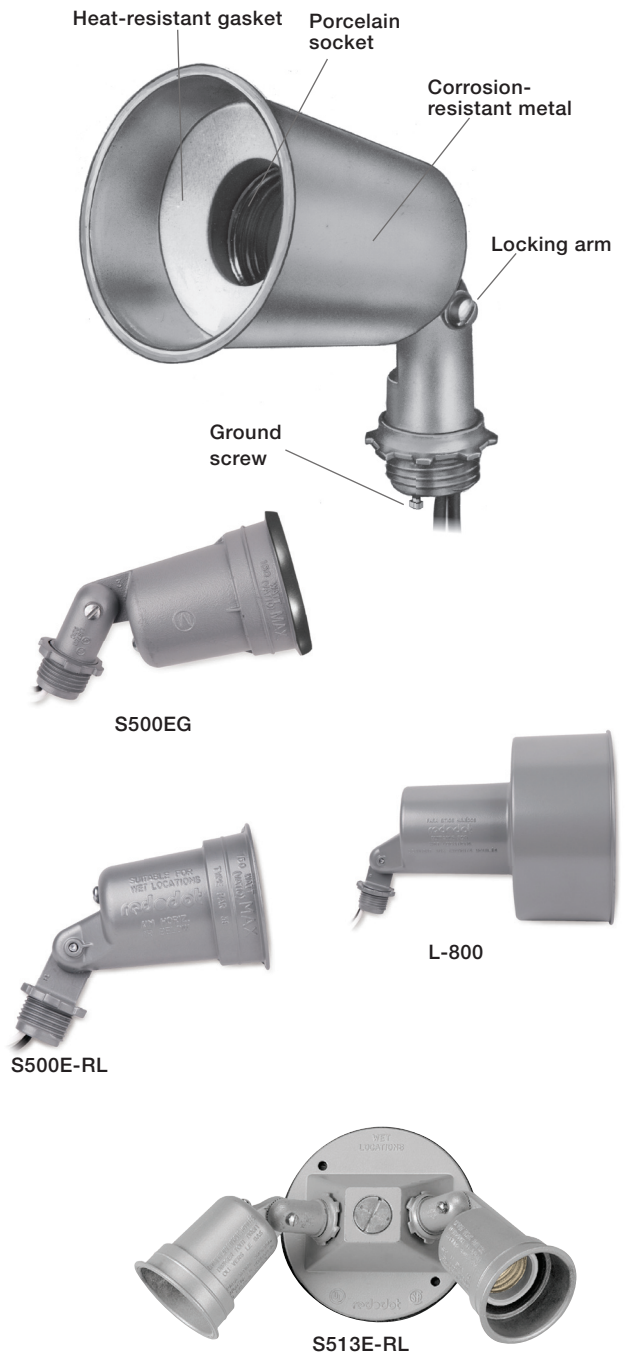
Weatherproof metallic lampholders
Lampholders

Lampholders, die-cast zinc zamak 3

Cat. No.	Color	Lamp max.	Description
Standard			
S500E-RL	Silver	150W• PAR 38 or R40	Inside gasket and ground screw
S500BRE-RL	Bronze	—	—
S500WHE-RL	White	—	—
Gasketed			
S500EG	Silver	150W• PAR 38 or R40	Heavy-duty slip-on gasket and ground screw
Deep-shielded			
L-800	—	150W• PAR 38 or R40	Inside gasket and ground screw
Wireguard			
LG-80	—	—	Mounts to L-80 series lampholder

S500E-RL

S500EG
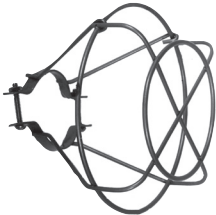
LG-80

L-800

Spike lights
Portable mount
For use with 150-watt lamp

– Lampholders are heavy-duty die-cast construction
– Lampholders have powder-coat green finish
– Current-carrying components are copper or copper alloy and
  sockets are porcelain
– Factory wired

Portable spotlights

Cat. No.	Color	Lamp max.	Description
K780BR	Bronze	150W• PAR 38 or R40	Deep-shielded lampholder, ground spike, wall bracket, gasket and screws

Decorative floodlight

Cat. No.	Color	Lamp max.	Description
S513E-RL	Silver	150W• PAR 38	Two lampholders round cover, or R40 inside ground screws
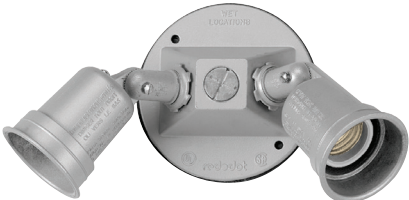
Weatherproof metallic lampholders
Lampholders and assemblies

Use with medium-base PAR lamps to 150 watts.

Hooded lampholders
– Heavy-duty die-cast zinc lampholder
– Corrosion-resistant aluminum hood
– Factory provided with a 3-wire, 8" pre-stripped lead

Cat. No.	Description	Std. Ctn.
WH90	Silver, 5^1/$_2$" diameter hood	6

WH90

Gasket

Cat. No.	Description	Std. Ctn.
G1	Heat-resistant sealing gasket	100

Adapters
– Heavy-duty die cast construction
– Natural cast finish

Cat. No.	Description	Std. Ctn.
AD11-2	"Y" Adapter—converts one outlet to two—^{1}/$_2$" threads	10

UL Listed E-51763

Weatherproof metallic lampholders
Lampholder covers

Round lampholder covers
Standard covers

Cat. No.	Color	Hub size (in.)	Description
Gaskets and screws, 4⅛" diameter			
S211E	Silver	½	One tapped hole
S-12	Silver	¾	One tapped hole
S213E-15R	Silver	½	Three tapped holes
D-PAK®			
S211E	Silver	½	One tapped hole
S211BRE	Bronze	½	One tapped hole
S211WHE	White	½	One tapped hole
S213E-15R	Silver	½	Three tapped holes
S213BRE-9R	Bronze	½	Three tapped holes
S213WHE-9R	White	½	Three tapped holes
S621E	—	—	Universal gasket

S211E **S-12** **S213E-15R**

Jumbo covers

Cat. No.	Color	Hub size (in.)	Description
Gaskets and screws, 4½" diameter			
SJ-11	Silver	½	One tapped hole
SJ-21	Silver	½	Two tapped holes
SJ-31	Silver	½	Three tapped holes

Note: Covers are raintight when used with appropriate Red•Dot® boxes. All covers packed with gasket and screws.

SJ-11 **SJ-21** **SJ-31**

Single-gang lampholder covers

Cat. No. Standard (2¹³⁄₁₆" x 4½")	Jumbo (3⅛" x 4½")	Color	Size (in.)	Description
S201E	LF11	—	½	One-hole device mount
LC-21	—	—	½	Two-hole device mount
S203E-R	LF31	—	½	Three-hole device mount
D-PAK®				
S203E-R	—	Silver	½	Three-hole device mount
S203BRE	—	Bronze	½	Three-hole device mount
S203WHE	—	White	½	Three-hole device mount

S201E **LC-21** **S203E-R**

Weatherproof metallic lampholders
Dimensions and photometrics

Dimensions in inches

S201E S203E-R LF-11 LF-31 S-47 S-48 S130E SE-48

SS-B S211E S-12 S213E-15R SJ-B SJ-11 SJ-21 SJ-31

CCRB CCRSB

Cat. No.	Hub Size	Dimensions (in.)								
		A	B	C	D	E	F	G	H	CI
S-47	½	4⅛	¹⁵/₈	¾	5⁹/₁₆	4¹⁵/₁₆	3½	3⅛	1¼	16.0
S130E	½	4⅛	¹⁵/₈	¹³/₁₆	—	—	3½	3¹/₁₆	—	18.3
S-48	¾	4⅛	¹⁵/₈	⅞	5⁹/₁₆	4¹⁵/₁₆	3½	3⅛	1¼	17.0
SE-48	¾	4⅛	¹⁵/₈	¹³/₁₆	—	—	3½	3¹/₁₆	—	18.3
SS-B	—	4⅛	³/₆₄	—	—	—	—	—	—	—
S211E	½	4⅛	¹³/₃	—	—	—	—	—	—	—
S-12	¾	4⅛	⅜	—	—	—	—	—	—	—
S213E-15R	½	4⅛	¹¹/₁₆	—	—	—	—	—	—	—
SJ-B	—	4½	⅜	—	—	—	—	—	—	—
SJ-11	½	4½	⅜	—	—	—	—	—	—	—
SJ-21	½	4½	1	—	—	—	—	—	—	—
SJ-31	½	4½	1	—	—	—	—	—	—	—

Photometrics

Photometrics are strictly a function of the lamp used.

S500E-RL L-800

150 PAR 38/FL

150 PAR 38/SP

Outdoor lighting
Sitelight® landscape lights

Corrosion-resistant metal

Powder-coated finish

Glass globe
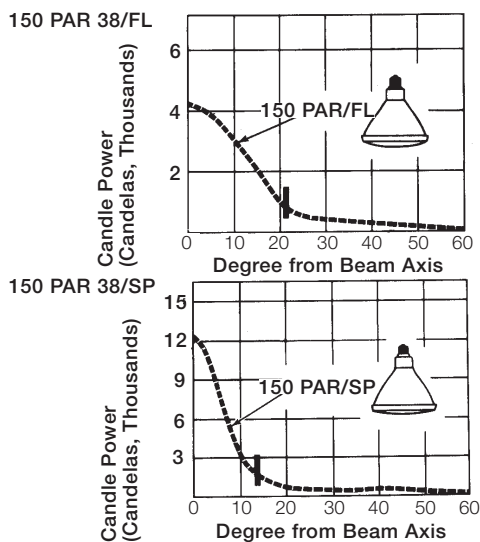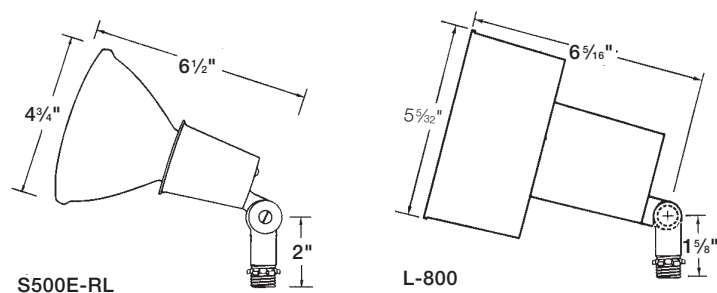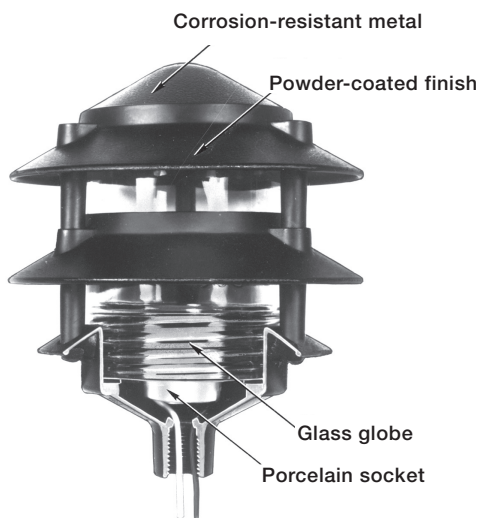
Porcelain socket

Sample Specifications:
– Fixture shall be certified die-cast zinc alloy ZAMAK 3; socket shall be porcelain, center contact and replaceable; socket shall have extended leads for easy wiring; fixture shall be Red•Dot® Dry-Tite™
– Catalog No. _____

5¼"   7"   **B330**
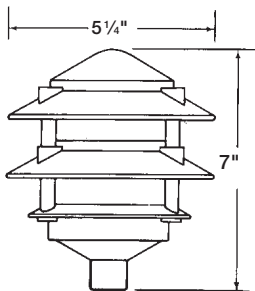
5¼"   8½"   **B440**

Applications:
– Lighting for walkways, paths or driveways
– Accent lighting for garden and terrace areas
– Ground-level security lighting

Features/Benefits:
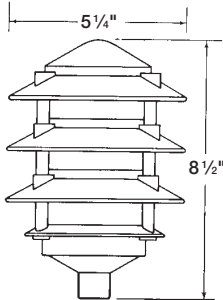– Certified zinc alloy provides increased corrosion resistance
– High-quality replaceable porcelain socket with high-temperature leads enables easy field maintenance

Standard materials:
– Fixture: Die-cast zinc alloy ZAMAK 3
– Globe: Lime crystal glass
– Socket: Center contact, porcelain, medium base

Standard finish:
– Green powder-coated finish
– Bronze powder-coated finish

Compliances:
– UL® Listed
– Suitable for use in wet locations

Photometrics:
Based on lamp center 24" above ground

Based on 100-Watt A-19 inside-frosted 1750-lumen lamp. For other wattage see table below.

Wattage	Multiplier
100	1.0
75	.68
60	.44
50	.27
40	.26
25	.13
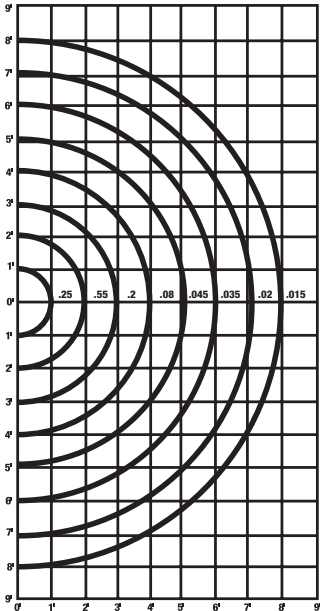
Iso Foot Candles

Cat. No.	Color	Lamp max.	Description
Three tier			
B330BRE-R	Bronze	75	12" extended leads, gasket and ground screw globe
VGL-075	Clear	75	Glass globe
Four tier			
B440BRE-R	Bronze	75	12" extended leads, gasket and ground screw globe
VGL-01	Clear	75	Glass globe

Note: Lamp not included.
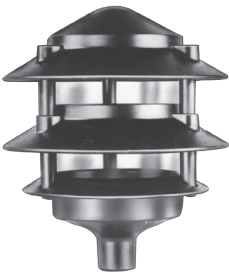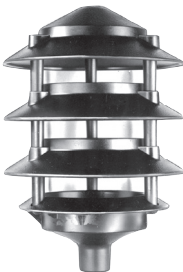
B330BRE-R   **B440BRE-R**

Step up to SiteLight® line voltage outdoor lighting

Planning your outdoor lighting

On graph paper, outline your home and grounds. Indicate key features you wish to highlight such as stairways, statuary, shrubbery or flowering plants. SiteLight Spot lights and swivel lights provide focused illumination to showcase these areas.

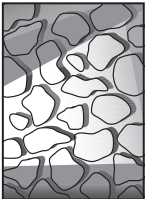The diagrams below show how you can achieve three special lighting effects with SiteLight spot lights and swivel lights.

Grazing from side or bottom to show texture

Uplighting from below makes details stand out

Silhouetting from behind provides drama

For decks, post sconce lights mounted on deck posts provide glare-free perimeter lighting and mid-stair lighting. Post Top Lights are ideal for lighting stairs and rails.

Use SiteLight path lights and swivel lights for pathways, driveways and general garden lighting. The chart below will help you determine fixture spacing.

Bright and even	Medium dappled	Soft mood
8'-10'	12'-18'	Over 20'

SiteLight line voltage outdoor lighting

For outdoor lighting, nothing compares to the full power (120V) and beauty of SiteLight. SiteLight uses regular household voltage and standard bulbs that are readily available. There are no expensive transformers to purchase or replace. With SiteLight®, you can add fixtures when and where you want them and still enjoy lighting that is up to five times brighter than low-voltage.

Use SiteLight to highlight gardens, statuary, shrubbery and to effectively light decks, stairs, pathways, pools and driveways. SiteLight meets every outdoor lighting need…from soft, indirect deck lighting, to brilliant, focused spot lighting. Use SiteLight to beautify your property while enhancing safety and security.

Step up to SiteLight line voltage outdoor lighting and add permanent value to your home.

Compare SiteLight to low-voltage sets

– SiteLight is up to five times brighter than low-voltage—more light with fewer fixtures than with low-voltage sets
– SiteLight gives you flexibility in spacing, the number of fixtures and the length-of-run. Light where you need it—low-voltage sets have a fixed limit on length-of-run and the number of fixtures
– SiteLight uses regular household current—no expensive low-voltage transformer to purchase or replace
– SiteLight uses readily available, standard bulbs—low-voltage bulbs are often found only where sets are sold
– SiteLight lets you add on fixtures by tapping into run—low-voltage sets will generate even less light if transformers are at capacity

SiteLight meets every outdoor lighting need

– From soft, indirect deck lighting to brilliant, focused spot lighting, use SiteLight to beautify any property while enhancing safety and security
– Lighting for walkways, pathways and driveways
– Stairway, perimeter and task lighting for decks
– Accent and ambient lighting for pool/patio and garden areas
– Highlighting to emphasize landscape details or specific objects
– Ground-level safety/security lighting to illuminate dark areas

Outdoor lighting
Sitelight® landscape lights

We've made installation easy

Everything you need is included in the SiteLight® Kit, except a bulb, supply cable and tools (screwdriver, wire strippers, etc.). Only three connections are required to wire each fixture to the supply cable. With the SiteLight PVC in-ground mounting tube, there is no need to pour concrete to secure the fixtures. Just position the tube and pack dirt around it. Attach your SiteLight® to the mounting tube and your installation is complete.

SiteLight is designed for a lifetime of trouble-free use. SiteLight is high-quality, permanent lighting built to add value and beauty to your home.

Applications:
– Lighting for walkways, pathways and driveways
– Stairway, perimeter and task lighting for decks
– Accent and ambient lighting for pool/patio and garden areas
– Highlighting to emphasize landscape details or specific objects
– Ground-level safety/security lighting to illuminate dark areas

Features/Benefits:
– Copper-free* aluminum construction provides increased corrosion resistance
– Sturdy die-cast aluminum construction provides durability
– Architectural bronze color blends into landscape and deck areas
– High-quality, replaceable porcelain socket with brass screw shell (except K851BR, K852BR)
– Aluminum mounting tube cap houses and protects wire connection (ground-installed fixtures)
– PVC ground tube provides an innovative installation method saving costly labor and traditional installation materials (ground-installed fixtures)
– Wire connectors and ground wire enable safe, easy connections
– Tempered glass lens and silicon gaskets keep socket dry (K831BR, CS841BR, K861BR)
– Positive locking arm can be adjusted to the desired position (K831BR, CS841BR, K861BR)
– Fixtures use regular household voltage (120V)

Standard materials:
– Fixture: Die-cast aluminum alloy A360 with less than .004% copper content (copper free*)
– Lens: Tempered glass (K831BR, CS841BR, K861BR)
– Lens: Polycarbonate (K811BR, K812BR, K821BR, K822BR, K851BR)
– Socket: Porcelain, center contact, brass screw shell, medium base (K811BR, K812BR, K821BR, K822BR, K831BR, CS841BR, K861BR), molded plastic socket with candelabra base (K851BR and K852BR)
– Mounting Tube: Gray PVC, schedule 40 (ground-installed fixtures)

Standard finish:
– Bronze powder-coated finish

* Less than .004% copper content

Compliances:
– UL Listed
– Suitable for use in wet locations
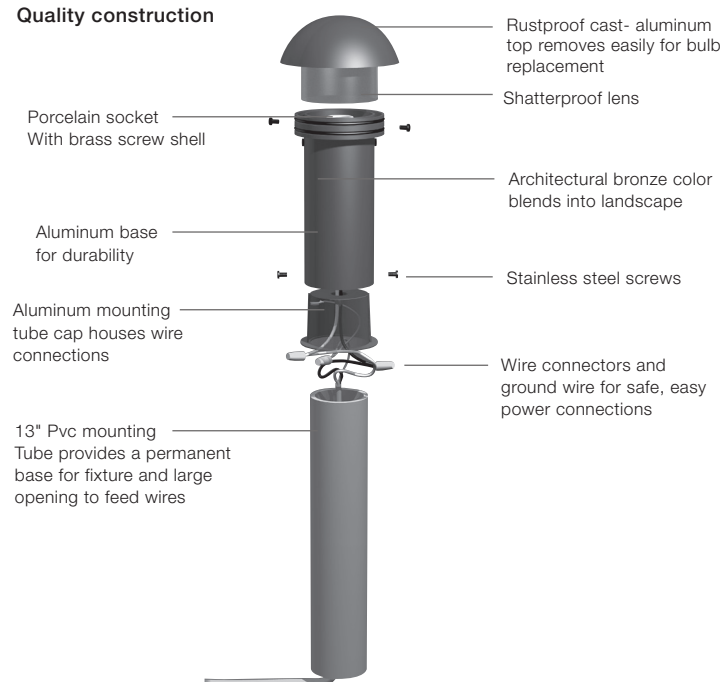– Ground mounting (suitable for use 4' or less above grade level) except K852BR and K861BR

Sample specifications:
– Fixture shall be die-cast copper-free* aluminum alloy A360, with bronze powder-coated finish. Sockets shall be porcelain, center contact, brass screw shell-medium base for K811BR, K812BR, K821BR, K822BR, K831BR, K841BR and K861BR fixtures. Sockets shall be molded plastic with candelabra screw base for K851BR and K852BR fixtures. All sockets shall have extended leads for easy wiring.
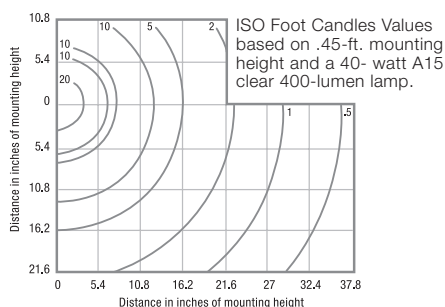
Easy to install:
– Only three wire connections per fixture are required
– No need to pour concrete
– All connections are made above ground

Quality construction

Rustproof cast- aluminum top removes easily for bulb replacement

Shatterproof lens

Porcelain socket With brass screw shell

Architectural bronze color blends into landscape

Aluminum base for durability

Stainless steel screws

Aluminum mounting tube cap houses wire connections

Wire connectors and ground wire for safe, easy power connections

13" Pvc mounting Tube provides a permanent base for fixture and large opening to feed wires

ISO Foot Candles Values based on .45-ft. mounting height and a 40- watt A15 clear 400-lumen lamp.

K812BR, 7.5" Height Option

ISO Foot Candles Values based on .67-ft. mounting height and a 40- watt A15 clear 400-lumen lamp.

K812BR, 10" Height Option

ISO Foot Candles Values based on .45-ft. mounting height and a 40- watt A15 clear 400-lumen lamp.

K822BR, 7.5" Height Option

ISO Foot Candles Values based on .67-ft. mounting height and a 40- watt A15 clear 400-lumen lamp.

K822BR, 10" Height Option

7.5"/10" Path light—See pages 37-38 for specifications

Cat. No.	Description	Lamp required	Spacing
K812BR	7.5"/10" Path light with 13" x 2" schedule 40 PVC mounting tube	A15 40W (max.)/120V medium base	8'-10' apart: bright and even, 12'-18' apart: medium dappled, 20' or more: soft mood

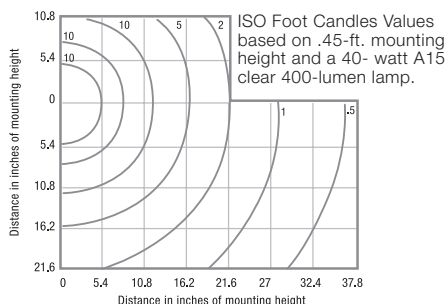Note: Fixture can be configured for either height—extension sleeve included.
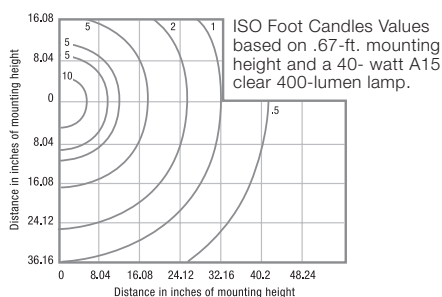
7.5"/10" Path light—See pages 39-40 for specifications

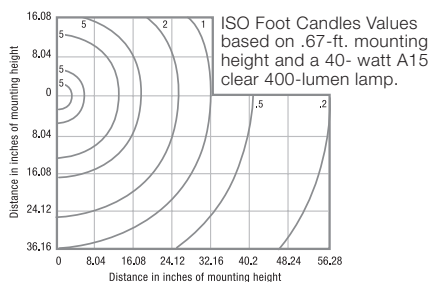| Cat. No.	Description	Lamp required	Spacing
K822BR	7.5"/10" Path light with 13" x 2" schedule 40 PVC mounting tube	A15 40W (max.)/120V medium base	8'-10' apart: bright and even, 12'-18' apart: medium dappled, 20' or more: soft mood

Note: Fixture can be configured for either height—extension sleeve included.

Outdoor lighting
Sitelight® landscape lights

ISO Foot Candles Values based on 3-ft. setback from a vertical wall and a 100-watt incandescent 1321-lumen lamp.
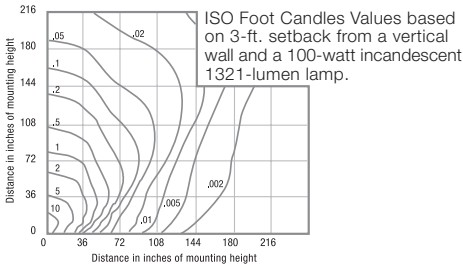
CS841BR

Ground spot light—See page 41 for specifications

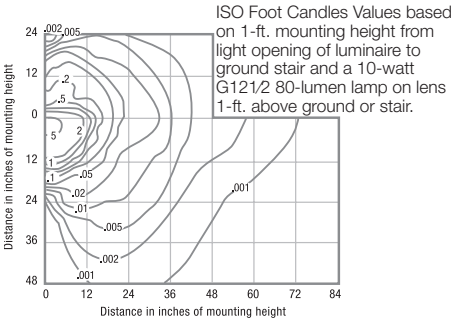| Cat. No.	Description	Lamp required	Spacing
CS841BR	Ground spot light with 13" x 2" schedule 40 PVC mounting tube	R20 100W (max.)/120V medium base	One to two for each object to be hightlighted or as required for special lighting effects

ISO Foot Candles Values based on 1-ft. mounting height and a 60-watt A15 incandescent 740-lumen lamp tilted 45° degrees.

K831BR
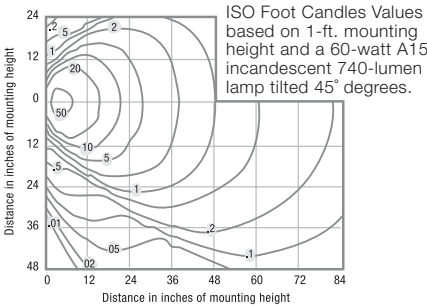
17.5" Swivel light—See page 42 for specifications

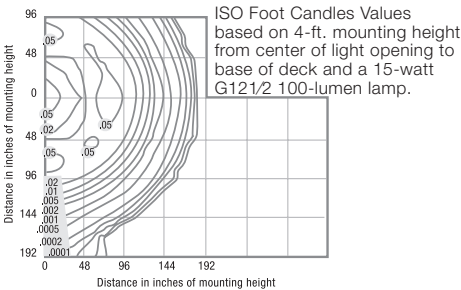| Cat. No.	Description	Lamp required	Spacing
K831BR	17.5" Swivel light with 13" x 2" schedule 40 PVC mounting tube	General lighting: A15 60W (max.)/120V medium base spot lighting: R16 60W (max.)/120V medium base	General lighting: 8'-10' apart: bright and even, 12'-18' apart: medium dappled, 20' or more: soft mood, spot lighting: one to two for each object to be highlighted

ISO Foot Candles Values based on 1-ft. mounting height from light opening of luminaire to ground stair and a 10-watt G12½ 80-lumen lamp on lens 1-ft. above ground or stair.

K851BR

Post sconce light—See page 43 for specifications

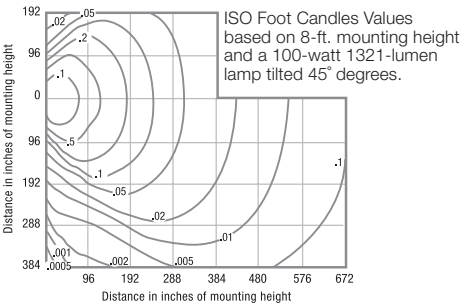| Cat. No.	Description	Lamp required	Spacing
K851BR	Post sconce light with metal black plate and mounting hardware	G12½ 10W (max.)/120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post

ISO Foot Candles Values based on 4-ft. mounting height from center of light opening to base of deck and a 15-watt G12½ 100-lumen lamp.

K852BR

Post top light—See page 44 for specifications

Cat. No.	Description	Lamp required	Spacing
K852BR	Post top light with metal black plate and mounting hardware	G12½ 10W (max.)/120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post

K861BR

ISO Foot Candles Values based on 8-ft. mounting height and a 100-watt 1321-lumen lamp tilted 45° degrees.

(Graph axis labels: Distance in inches of mounting height — vertical values 192, 96, 0, 96, 192, 288, 384; contour values .05, .02, .2, .1, .5, .1, .05, .02, .01, .1, .001, .0005, .002, .005; horizontal values 96, 192, 288, 384, 480, 576, 672; Distance in inches of mounting height)

Wall spot—See page 45 for specifications

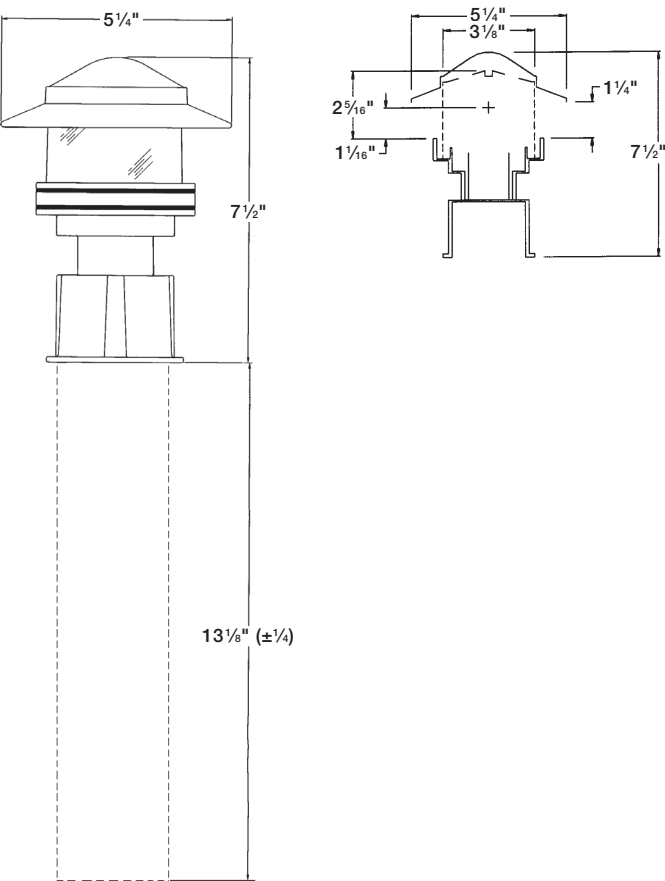| Cat. No.	Description	Lamp required	Spacing
K861BR	Wall spot with cover (box not included)	R20 100W (max.)/ 120V medium base	One to two on most average size decks or exterior walls

Accessories

Cat. No.	Description
K805BR-8	Mounting tube and cap

K805BR-8

Dimensions

– 7.5" height option

See following page for 10" height.

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Note: Total luminaire efficiency=37.4%.

ISO foot candles

– Values based on .45 (5.4") foot mounting height and a 40-watt A15 clear 400-lumen lamp.
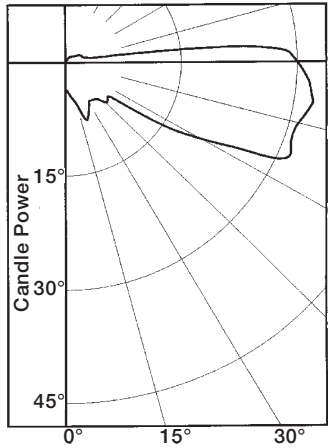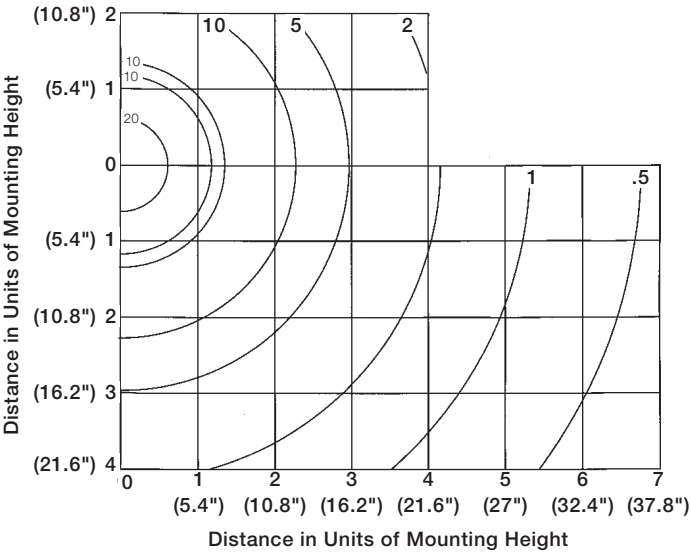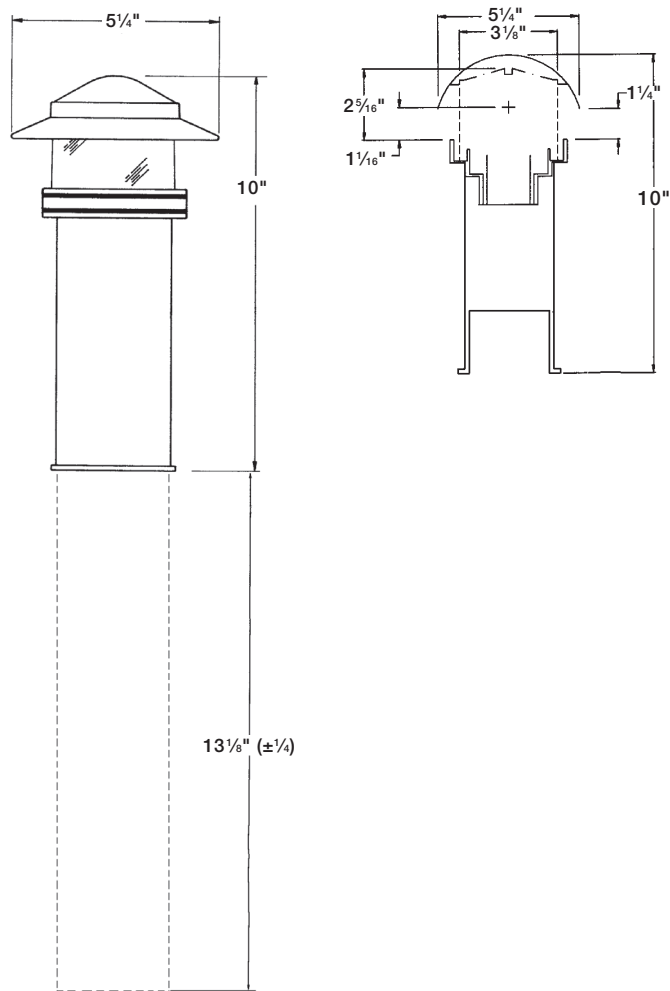

Deg	Candela	Lumens
0	4	—
5	4	0
15	6	2
25	7	3
35	6	4
45	7	5
55	11	11
65	30	28
75	31	33
85	32	34
90	30	—
95	24	21
105	3	3
115	2	2
125	2	2
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor lighting
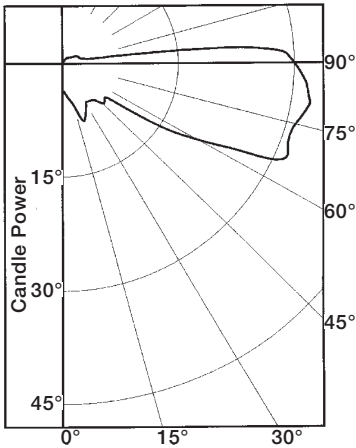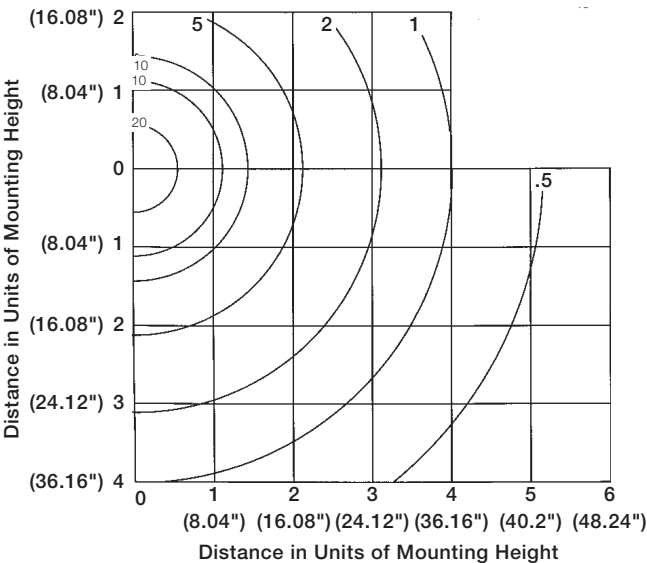## K812BR specifications

Dimensions
– 10" height option

See previous page for 7.5" height.

ISO foot candles
– Values based on .67 (8.04") foot mounting height and a 40-watt A15 clear 400-lumen lamp.

Distance in Units of Mounting Height

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Note: Total luminaire efficiency=37.4%.

Deg	Candela	Lumens
0	4	—
5	4	0
15	6	2
25	7	3
35	6	4
45	7	5
55	11	11
65	30	28
75	31	33
85	32	34
90	30	—
95	24	21
105	3	3
115	2	2
125	2	2
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor lighting
K822BR specifications

Dimensions
– 7.5" height option

4¼"
4⁹⁄₁₆"
3⅛"
1"
2⁵⁄₁₆"
1¹⁄₁₆"
7½"
7½"
13⅛" (±¼)

See following page for 10" height.

ISO foot candles
– Values based on .45 (5.4") foot mounting height and a 40-watt A15 clear 400-lumen lamp.

Distance in Units of Mounting Height

(10.8") 2
(5.4") 1
0
(5.4") 1
(10.8") 2
(16.2") 3
(21.6") 4

10   5   2
10
10
1   .5

0   1   2   3   4   5   6   7
(5.4") (10.8") (16.2") (21.6") (27") (32.4") (37.8")

Distance in Units of Mounting Height

Candle Power

90°
75°
60°
45°
15°
30°
45°
0°   15°   30°

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	3	0.7	2.4
0-40	5	1.3	4.5
0-60	19	4.8	16.3
0-90	111	27.8	94.6
90-120	6	1.5	5.2
90-130	6	1.6	5.4
90-150	6	1.6	5.4
90-180	6	1.6	5.4
0-180	118	29.4	100.0

Note: Total luminaire efficiency=29.4%.

Deg	Candela	Lumens
0	2	—
5	2	0
15	3	1
25	4	2
35	4	2
45	6	4
55	10	10
65	29	27
75	31	32
85	31	33
90	22	—
95	3	4
105	1	1
115	1	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor lighting
K822BR specifications

Dimensions
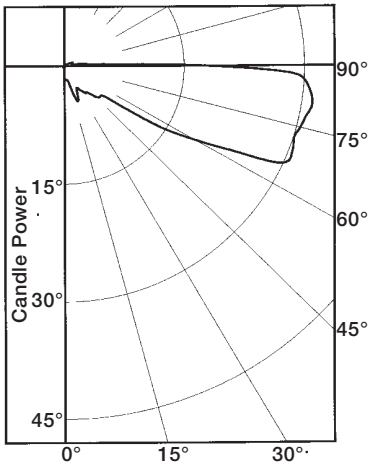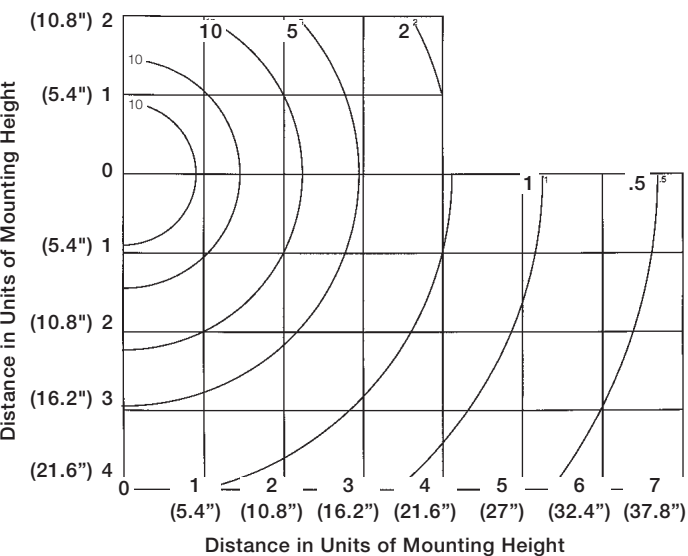– 10" height option

4¼"

10"

4 9/16
3 1/8
2 5/16
1 1/16
1

13⅛" (±¼)

See previous page for 7.5" height.

ISO foot candles
– Values based on .67 (8.04") foot mounting height and a 40-watt A15 clear 400-lumen lamp.

Distance in Units of Mounting Height

(10.8") 2
(5.4") 1
0
(5.4") 1
(10.8") 2
(16.2") 3
(21.6") 4

10   5   2   1   .5

0   1   2   3   4   5   6   7
(5.4") (10.8") (16.2") (21.6") (27") (32.4") (37.8")

Distance in Units of Mounting Height

Candle Power

90°
75°
60°
45°
15°
30°
45°

0°   15°   30°

Deg	Candela	Lumens
0	2	—
5	2	0
15	3	1
25	4	2
35	4	2
45	6	4
55	10	10
65	29	27
75	31	32
85	31	33
90	22	—
95	3	4
105	1	1
115	1	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	—

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	3	0.7	2.4
0-40	5	1.3	4.5
0-60	19	4.8	16.3
0-90	111	27.8	94.6
90-120	6	1.5	5.2
90-130	6	1.6	5.4
90-150	6	1.6	5.4
90-180	6	1.6	5.4
0-180	118	29.4	100.0

Note: Total luminaire efficiency=29.4%.

Outdoor lighting
CS841BR specifications

Dimensions

3⅛" Dia.

5⅝"

3¾"

3¹/₁₆" Dia.

13⅛" (±¼)

3⅛"

6⅝"

9/16"

¼"

13/16"

2¹⁵/₁₆"

0°
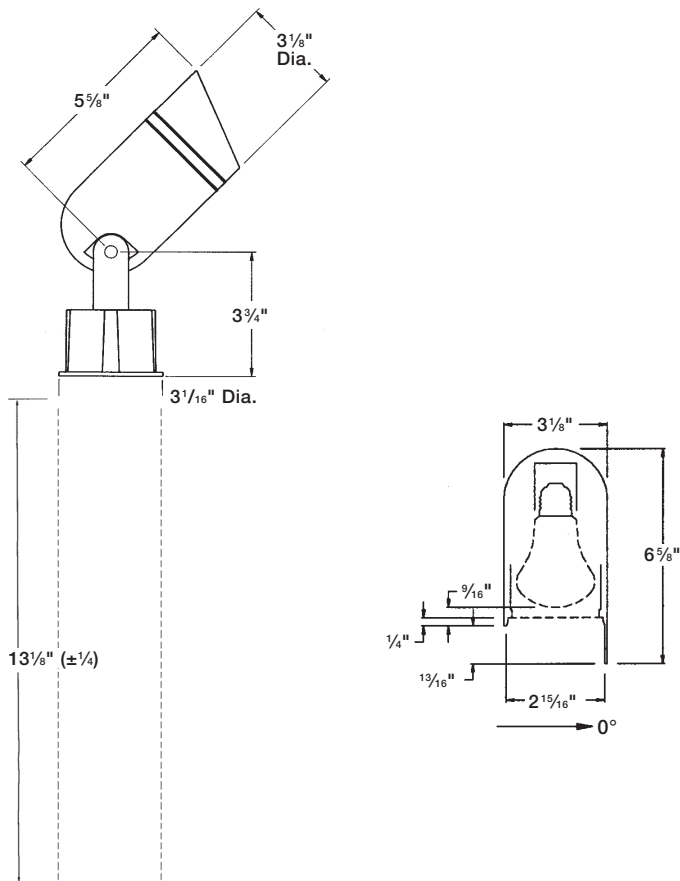
ISO foot candles

– Values based on 3 (36") foot setback from a vertical wall and a 100-watt incandescent 1321-lumen lamp.
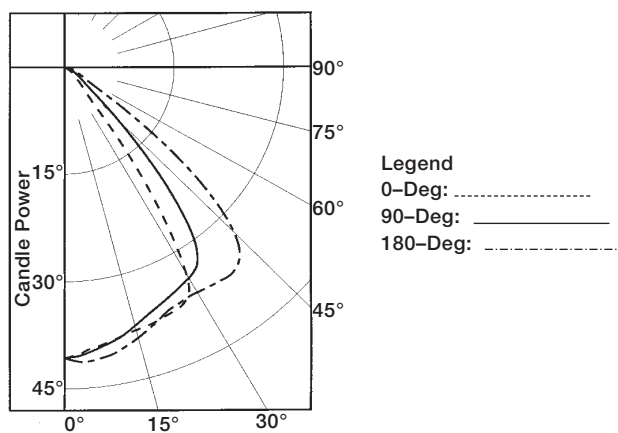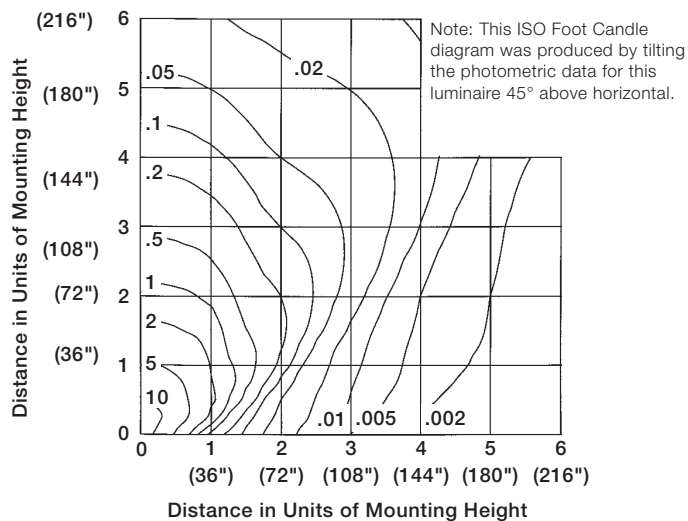
Note: This ISO Foot Candle diagram was produced by tilting the photometric data for this luminaire 45° above horizontal.

Distance in Units of Mounting Height

Distance in Units of Mounting Height

Legend
0–Deg: --------------------
90–Deg: _____
180–Deg: --·--·--·--·--·--

Candle Power

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	104	7.9	47.7
0-40	165	12.5	75.3
0-60	214	16.2	97.7
0-90	219	16.6	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	219	16.6	100.0

Note: Total luminaire efficiency=16.6%.

		Candela distribution horizontal degrees					
		0.0	45.0	90.0	135.0	180.0	Flux
	0	136	136	136	136	136	—
	5	132	132	133	136	138	13
	15	127	124	125	128	131	36
	25	124	121	117	126	122	56
	35	58	77	106	125	122	61
	45	9	12	35	93	109	37
Vertical degrees	55	5	6	9	14	31	11
	65	0	1	4	6	8	4
	75	0	0	0	2	3	1
	85	0	0	0	0	1	0
	90	0	0	0	0	1	—

Outdoor lighting
K831BR specifications
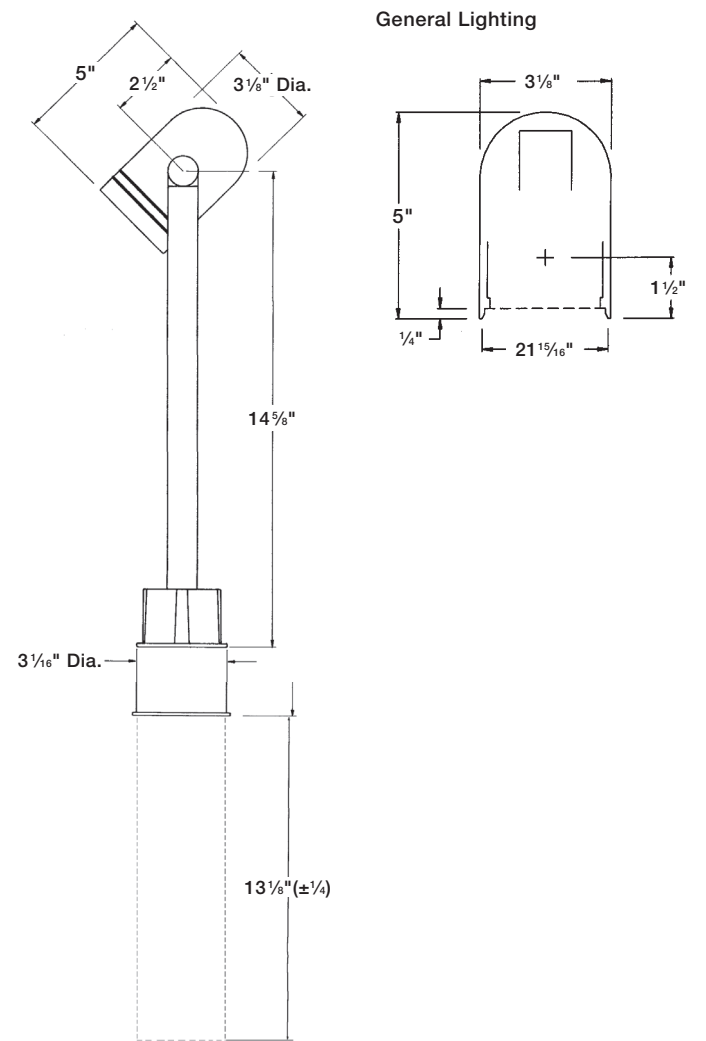
Dimensions

General Lighting

5" 2½" 3⅛" Dia.

3⅛"

5"

1½"

¼"

21¹⁵⁄₁₆"

14⅝"

3¹⁄₁₆" Dia.

13⅛"(±¼)

ISO foot candles

– Values based on 1 (12") foot mounting height and a 60-watt A15 incandescent 740-lumen lamp tilted 45°.

Distance in Units of Mounting Height

(24") 2
(12") 1
0
(12") 1
(24") 2
(36") 3
(48") 4

0   1   2   3   4   5   6   7
   (12") (24") (36") (48") (60") (72") (84")
Distance in Units of Mounting Height

Candle Power

90°
75°
60°
45°

15°
30°
45°

0°   15°   30°
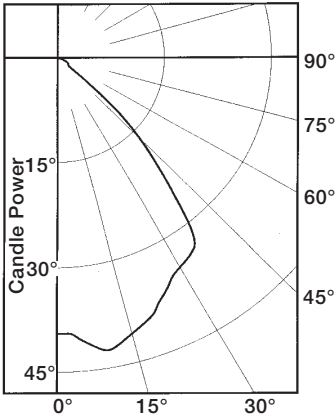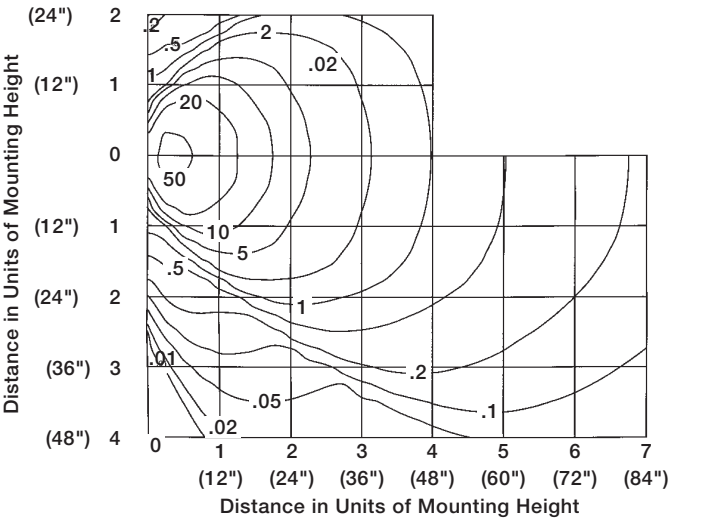
Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	65	8.7	47.2
0-40	105	14.2	77.0
0-60	134	18.1	97.7
0-90	137	18.5	100.0
90-180	0	0.0	0.0
0-180	137	18.5	100.0

Note: Total luminaire efficiency=18.5%.

Deg	Candela	Lumens
0	19	—
5	81	8
15	82	23
25	73	34
35	67	41
45	33	25
55	4	3
75	0	0
85	0	0
90	0	—

Outdoor lighting
K851BR specifications
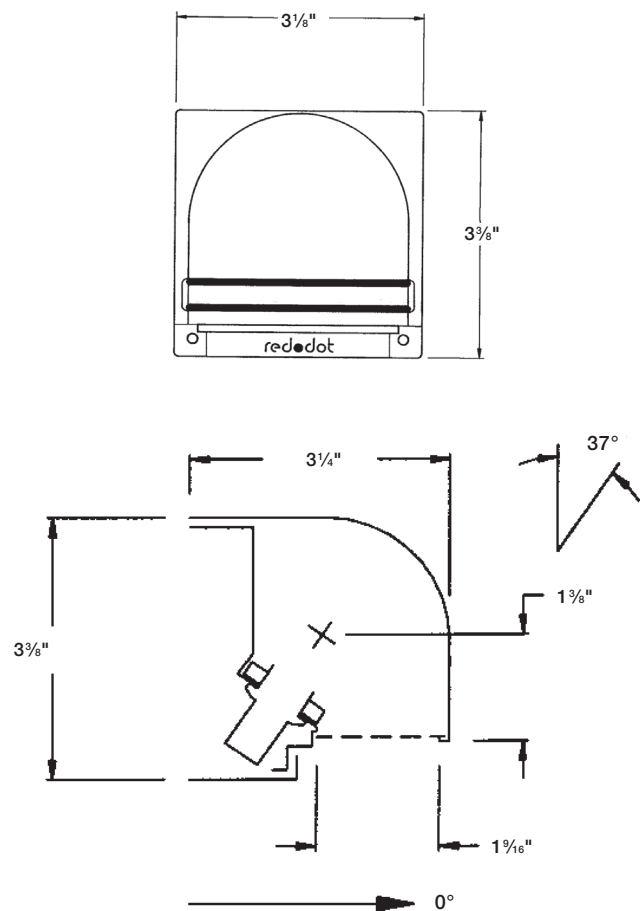
Dimensions

ISO foot candles

– Values based on 1 (12") foot mounting height from light opening of luminaire to ground stair and a 10-watt G12½ 80-lumen lamp pn lens 1-ft. above ground or stair.
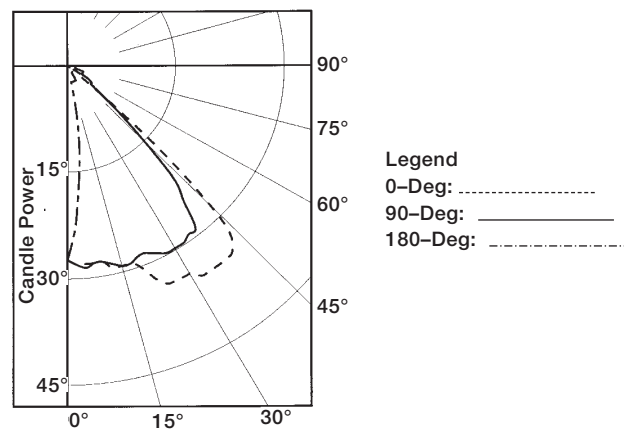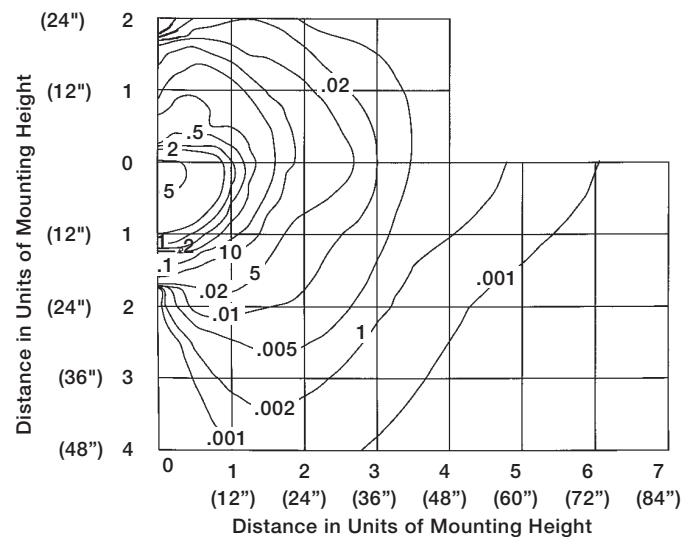
Legend
0–Deg: ----------------------
90–Deg: _____
180–Deg: - - - - - - - - - - -

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	4	4.5	38.7
0-40	6	7.7	66.3
0-60	9	11.0	94.3
0-90	9	11.6	100.0
90-180	0	0.0	0.0
0-180	9	11.6	100.0

Note: Total luminaire efficiency=11.6%.

Vertical degrees	Candela distribution horizontal degrees					
	0.0	45.0	90.0	135.0	180.0	Flux
0	5	5	5	5	5	—
5	6	6	6	5	3	0
15	6	6	6	2	0	1
25	7	7	6	1	0	2
35	7	7	6	1	0	3
45	6	5	3	1	0	2
55	0	1	1	1	0	1
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	—

Outdoor lighting
K852BR specifications

Dimensions

5⅛" Dia.

4⅜"

3⅜" SQ.

5"

4⅜"

1¼"

⅝"
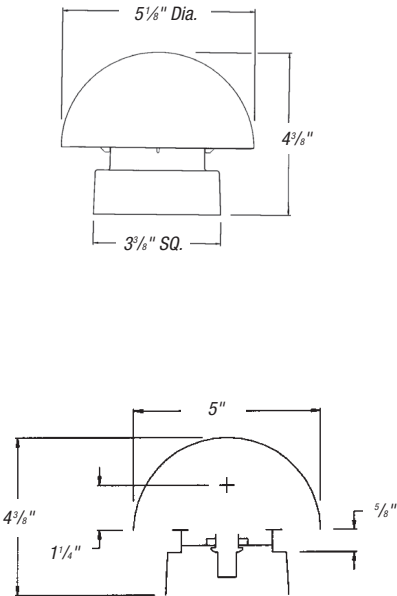
ISO foot candles

– Values based on 4 (48") foot mounting height from center of light opening to base of deck and a 15-watt G16½ 100-lumen lamp.
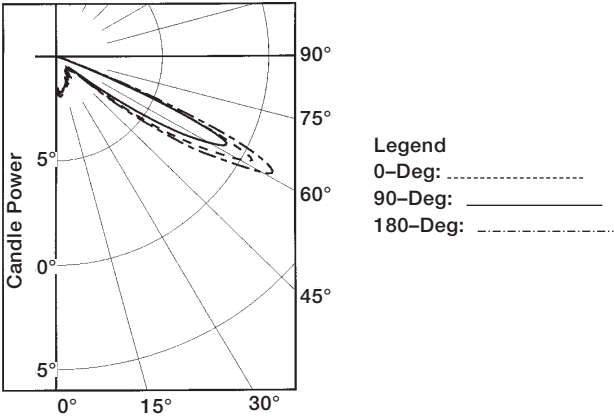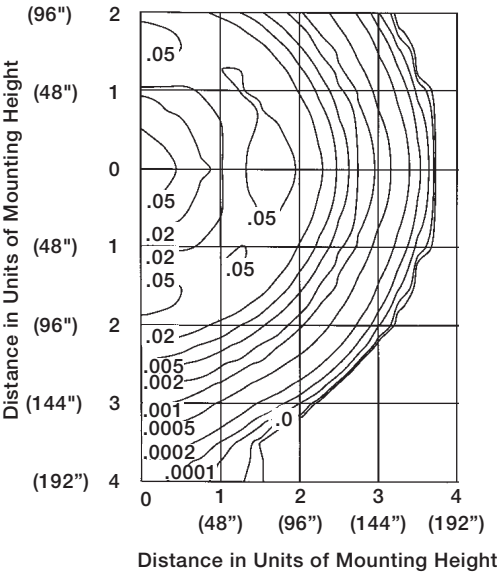
Distance in Units of Mounting Height

Legend
0–Deg: ....
90–Deg: _____
180–Deg: ----·----·----·

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	1	0.9	8.7
0-40	1	1.3	12.8
0-60	5	5.5	52.7
0-90	10	10.4	100.0
90-180	0	0.0	0.0
0-180	10	10.4	100.0

		Candela distribution horizontal degrees					
		0.0	45.0	90.0	135.0	180.0	Flux
	0	1	1	1	1	1	—
	5	2	1	1	1	1	0
	15	1	1	1	1	1	0
	25	1	1	1	1	1	0
	35	1	1	1	1	1	0
	45	1	1	1	1	1	1
	55	5	3	3	4	6	4
	65	6	5	5	5	7	5
	75	0	0	0	0	0	0
	85	0	0	0	0	0	0
Vertical degrees	90	0	0	0	0	0	—

Outdoor lighting
K861BR specifications

Dimensions
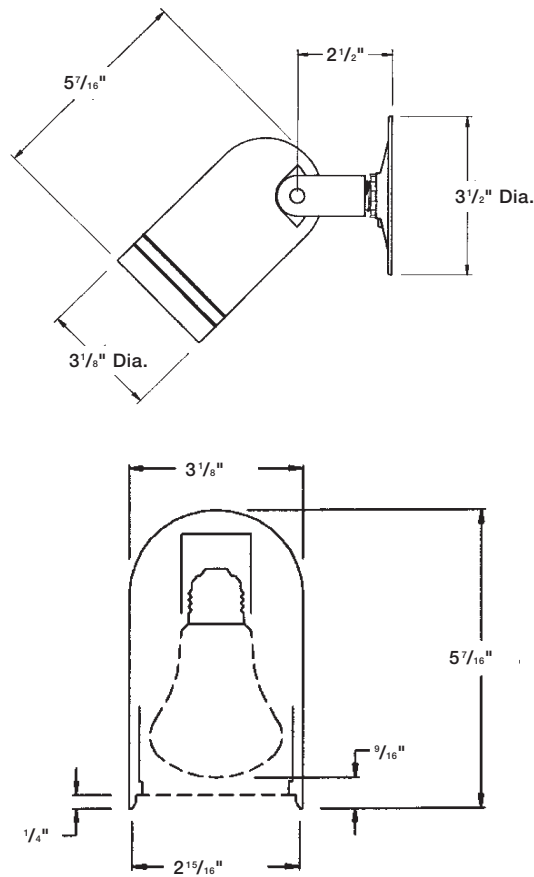
ISO foot candles

– Values based on 8 (96") foot mounting height and a 100-watt 1321-lumen lamp tilted 45°
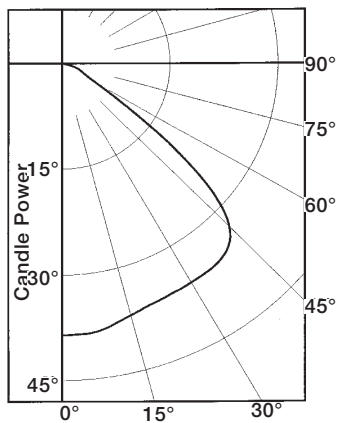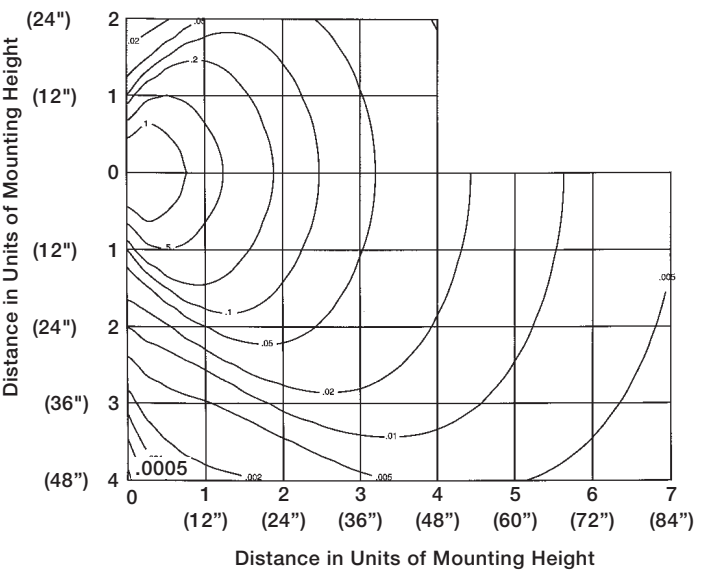
Distance in Units of Mounting Height

Zonal lumen summary

Zone deg.	Lumens	Percent of lamp output based on 400 lumens	Percent of total output
0-30	103	7.8	32.4
0-40	177	13.4	56.0
0-60	301	22.8	94.9
0-90	317	24.0	100.0
90-180	0	0.0	0.0
0-180	317	24.0	100.0

Note: Total luminaire efficiency=11.6%.

Deg	Candela	Lumens
0	128	—
5	128	12
15	123	35
25	120	56
35	119	75
45	109	83
55	44	41
75	5	5
85	0	0
90	0	—

Vaportight lighting
Industrial vaportight lighting

Applications:
- Low-maintenance indoor/outdoor lighting where moisture, dirt, dust, corrosion and rough service are problems
- Low-profile fixture design for where low ceiling height presents a lighting problem
- To light cold storage facilities, walkways, bridges, tunnels and security locations
- Used with colored globes as warning, caution or directional lights; for 100- or 200-watt medium-base incandescent lamps

Features/Benefits:
- Copper-free* aluminum and stainless steel screws provide increased corrosion resistance
- Precision-cast and machined surfaces permit safer wire pulling
- Fully threaded glass globes prevent cross threading, ensuring a tight seal
- High-quality replaceable porcelain socket with high-temperature leads result in a long-lasting fixture
- Five mounting configurations packaged three different ways to suit all customer requirements
- Colored, heat-resistant and shatterproof LEXAN® globes available

Standard materials:
- Fixture and guards: Die-cast aluminum alloy A360 with less than .004% copper content (copper-free), and stainless steel screw
- Globe: Lime crystal glass
- Socket: Center contact, porcelain, medium base

Standard finish:
- Powder-coated finish

Compliances:
- UL Listed
- Suitable for use in wet locations only when oriented as shown (mounted with lamp base up and guard/globe down)

Sample specifications
- Fixture shall be die-cast copper-free* aluminum alloy A360 All conduit stops shall be coined and free of rough edges. LEXAN® globes shall have full threads. Sockets shall be porcelain. Fixtures shall be finished with powder-coated paint. Fixtures shall be Red•Dot® Catalog No._____

* Less than .004% copper content.
LEXAN® is a registered trademark of SABIC Innovative Plastics Company.

Extra-long, high-temperature — 105° C (221° F) leads

Clean, contemporary design

Replaceable porcelain socket

Smooth conduit stops

Heavy-duty die-cast guard

Fully threaded globe
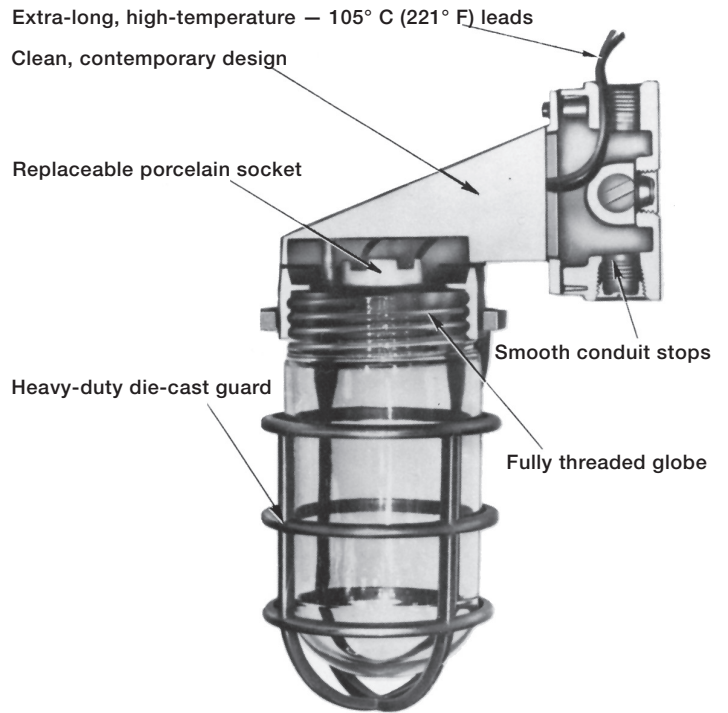
VAG-C

VKG-C

VWG-C

VXG-C

VXWG-C

Vaportight lighting
Indoor/outdoor lighting

Low-maintenance indoor/outdoor lighting where moisture, dirt, dust, corrosion and rough service are a problem.

– Compatible with incandescent and most self-ballasted compact fluorescent bulbs
– For indoor or outdoor use
– Fixture and guard die-cast copper-free aluminum, less than .004% copper content
– Available in components or complete fixture
– Low-silhouette incandescent vaportight
– Variety of mounting configurations
– UL Listed

Pendant Mount

VK-11   VKG-11   VKG-11-C

Cat. No.	Hub size (in.)	Max. watt	Description
VK-11	½	100	Pendant Cap with Socket Screw Terminals, Gasket and Screws
VK-21	¾	100	
VK-12	½	200	
VK-22	¾	200	
VKG-11	½	100	Pendant Cap with Socket Screw Terminals, Gasket Screws and Globe
VKG-21	¾	100	
VKG-12	½	200	
VKG-22	¾	200	
VKG-11-C	½	100	Pendant Cap with Socket Screw Terminals, Gasket Screws, Globe and Cast Guard
VKG-21-C	¾	100	
VKG-12-C	½	200	
VKG-22-C	¾	200	

Ceiling mount with adapter plate

VA-01   VAG-01   VAG-01-C

Cat. No.	Hub size (in.)	Max. watt	Description
VA-01	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket and Screws
VA-02	—	200	
VAG-01	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket, Screws and Globe
VAG-02	—	200	
VAG-01-C	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket, Screws, Globe and Cast Guard
VAG-02-C	—	200	

Ceiling mount cross feed (5 tapped holes)

VX-11   VXG-11   VXG-11-C

Cat. No.	Hub size (in.)	Max. watt	Description
VX-11	½	100	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs and Cast Mounting Lugs
VX-21	¾	100	
VX-12	½	200	
VX-22	¾	200	
VXG-11	½	100	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs and Cast Mounting Lugs and Globe
VXG-21	¾	100	
VXG-12	½	200	
VXG-11-C	½	100	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs, Cast Mounting Lugs, Globe and Cast Guard
VXG-21-C	¾	100	
VXG-12-C	½	200	
VXG-22-C	¾	200	

Wall mount with adapter plate

VW-01 **VWG-01** **VWG-01-C**

Cat. No.	Max. watt	Description
VW-01	100	Wall mount unit with socket with leads, gaskets and screws
VW-02	200	
VWG-01	100	Wall mount unit with socket with leads, gaskets and screws and globe
VWG-02	200	
VWG-01-C	100	Wall mount unit with socket with leads, gaskets, globe, screws and cast guard
VWG-02-C	200	

Wall mount cross feed (5 tapped holes)

VXW-11 **VXWG-11** **VXWG-11-C**

Cat. No.	Hub size (in.)	Max. watt	Description
VXW-11	½	100	Wall mount cross feed with socket with leads, gaskets, screws, 4 closure plugs and cast mounting lugs
VXW-21	¾	100	
VXW-12	½	200	
VXW-22	¾	200	
VXWG-11	½	100	Wall mount cross feed with socket with leads, gaskets, screws, 4 closure lugs and globe
VXWG-21	¾	100	
VXWG-12	½	200	
VXWG-22	¾	200	
VXWG-11-C	½	100	Wall mount cross feed with socket with leads, gaskets, screws, 4 closure plugs, cast mounting lugs, globe and cast guard
VXWG-21-C	¾	100	
VXWG-12-C	½	200	
VXWG-22-C	¾	200	

Vaportight boxes and covers

LVX-1 **V-B**
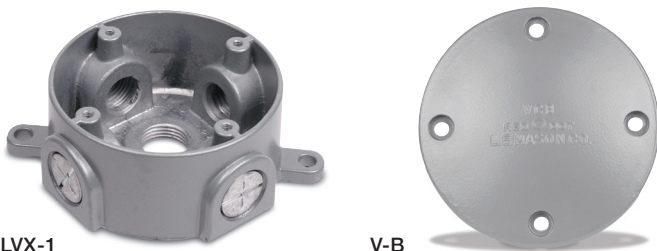
Cat. No.	Max. watt	Description
Boxes		
LVX-1	½	Box, 3½" diameter, 1⅝" deep, 5 tapped holes, 12.08 Cu. In. 4 closure plugs with cast mounting lugs
LVX-2	¾	
Cover		
V-B	None	Blank cover 3½" diameter

Globes

VGL-01 **VGLL-01**

Cat. No.	Max. watt	Description
Glass		
VGL-01	100	Clear
VGLA-01	100	Amber
VGLB-01	100	Blue
VGLG-01	100	Green
VGLR-01	100	Red
VGLH-01	150	Clear, heat resistant
VGL-02	200	Clear
VGLR-02	200	Red
VGLH-02	300	Clear, heat resistant
Lexan®		
VGLL-01	75	Clear prismatic
VGLL-02	150	Clear prismatic
VGLA-A1	75	Amber
VGLA-R1	75	Red

Not for use with guards. Note: For upright mounting only. Caution: In ordering LEXAN® Globe, wattage is rated 75% of standard globe size (i.e. VGLL-02 is for use on 200-watt fixtures, but only rated for 150-watt lamps.)

Guards
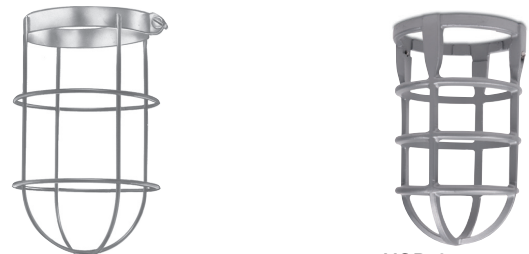
LGW-01 **VGD-01**

Cat. No.	Max. watt	Description
Wire		
VGW-01	100	Clamp on plated steel guards
VGW-02	200	
Die cast		
VGD-01	100	Die-cast aluminum guards with positive locking screws
VGD-02	200	

Vaportight lighting
Indoor/outdoor lighting

VKG

Cat. No.	A (in.)	B (in.)	C (in.)	D (in.)
VKG-11	3⅜	8³/₁₆	—	—
VKG-21	3⅜	8³/₁₆	—	—
VKG-12	4⅜	10⅛	—	—
VKG-22	4⅜	10⅛	—	—
VKG-11-C	—	—	4¹/₁₆	8¾
VKG-21-C	—	—	4¹/₁₆	8¾
VKG-12-C	—	—	5¼	10⅝
VKG-22-C			5¼	10⅝

Pendant Mount (VKG)

VXG

Cat. No.	A (in.)	B (in.)	E (in.)	F (in.)
VXG-11	3⅜	8¹³/₁₆	3½	1⅝
VXG-21	3⅜	8¹³/₁₆	3½	1⅝
VXG-12	4⅜	10¾	3½	1⅝
VXG-22	4⅜	10¾	3½	1⅝

Cat. No.	C (in.)	D (in.)
VXG-11-C	4¹/₁₆	9⁵/₁₆
VXG-21-C	4¹/₁₆	9⁵/₁₆
VXG-12-C	5¼	11³/₁₆
VXG-22-C	5¼	11³/₁₆
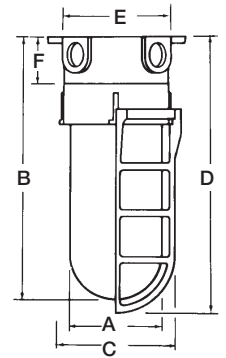
Ceiling Mount Cross Feed (VXG)

VAG

Cat. No.	A (in.)	B (in.)	C (in.)	D (in.)
VAG-01	3⅜	7⁷/₁₆	—	—
VAG-02	4⅜	9⅜	—	—
VAG-01-C	—	—	4¹/₁₆	7¹⁵/₁₆
VAG-02-C	—	—	5¼	9¹³/₁₆
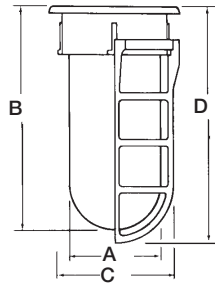
Ceiling Mount (VAG)

VWG

Cat. No.	A (in.)	B (in.)	E (in.)	F (in.)
VWG-01	3⅜	8⁷/₁₆	3¾	3½
VWG-02	4⅜	10⅜	5¾	3½

Cat. No.	C (in.)	D (in.)
VWG-01-C	4¹/₁₆	8¹⁵/₁₆
VWG-02-C	5¼	10¹³/₁₆
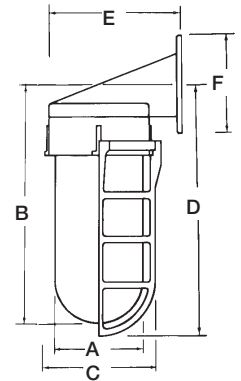
Wall Mount (VWG)

VXWG

Cat. No.	Dimensions (in.)										
	A	B	C	D	E	F	G	H	I	J	CI
VXWG-11	3⅜	8⁷/₁₆	—	—	1⅝	3½	—	—	—	—	—
VXWG-21	3⅜	8⁷/₁₆	—	—	1⅝	3½	—	—	—	—	—
VXWG-12	4⅜	10⅜	—	—	1⅝	3½	—	—	—	—	—
VXWG-22	4⅜	10⅜	—	—	1⅝	3½	—	—	—	—	—
VXWG-11-C	3⅜	8⁷/₁₆	4¹/₁₆	8¹⁵/₁₆	1⅝	3½	—	—	—	—	—
VXWG-21-C	3⅜	8⁷/₁₆	4¹/₁₆	8¹⁵/₁₆	1⅝	3½	—	—	—	—	—
VXWG-12-C	4⅜	10⅜	5³/₁₆	10¹³/₁₆	1⅝	3½	—	—	—	—	—
VXWG-22-C	4⅜	10⅜	5³/₁₆	10¹³/₁₆	1⅝	3½	—	—	—	—	—
LVX-1	—	—	—	—	1⅝	3½	⅝	5	4⁷/₁₆	2¹³/₁₆	10.3
LVX-2	—	—	—	—	1⅝	3½	⅝	5	4⁷/₁₆	2¹³/₁₆	10.3

Wall Mount Cross Feed (VXWG)

Vaportight lighting
Indoor/outdoor lighting

Pendant fixtures

½ HUB SIZE   ½ HUB SIZE

8⁷/₈   9³/₄   10¹/₄   11

(PVP-100C 8³/₈)

(PVP-100-C 3⁷/₈)   3³/₈   4¹/₂   5³/₄
4¹/₂

VP-100
VPG-100
PVP-100C

VP-200
VPG-200
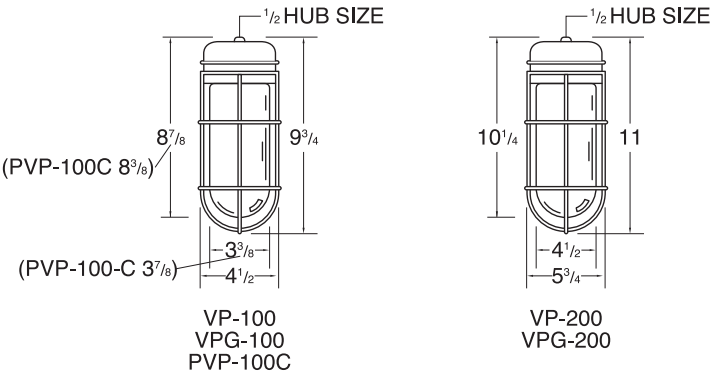
Cat. No.	Description	Max. watts	Packaging	
			Box	Std. ctn.
PVP-100C*	Fixture and Clear LEXAN® Globe	100	1	12
PVPG-100B	Fixture, Blue LEXAN® Globe, Guard	100	1	12
PVPG-100R	Fixture, Red LEXAN® Globe, Guard	100	1	12

UL Listed. CSA Certified LR-95792.
* Guard not included.

VGL

C
E
B
A

C
E
B
A

Threaded Glass Globe (VGL)   **Threaded Plastic Globe (VGLL)**

VGD, VGW

B
A

Guards (VGD, VGW)
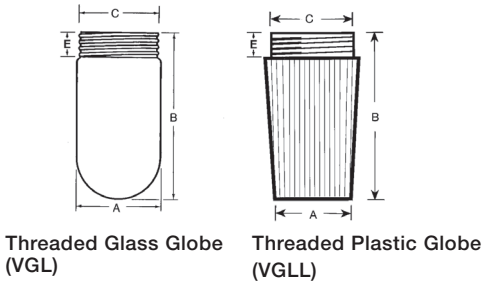
Cat. No.	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	I.D. (in.)
VGL-01 series	3³/₈	6¹⁷/₃₂	3⁵/₁₆	1	—	2¹¹/₁₆
VGL-02 series	4³/₈	8³/₈	4⁵/₁₆	1	—	3¹³/₁₆
VGLL-01	3¹⁷/₃₂	5¹⁵/₁₆	3³/₈	—	⁷/₈	2⁷/₈
VGLL-02	4¹⁷/₃₂	8¹/₄	4³/₈	—	⁷/₈	3⁷/₈
VGLA-A1	3¹⁷/₃₂	5¹⁵/₁₆	3³/₈	—	⁷/₈	2⁷/₈
VGLA-R1	3¹⁷/₃₂	5¹⁵/₁₆	3³/₈	—	⁷/₈	2⁷/₈
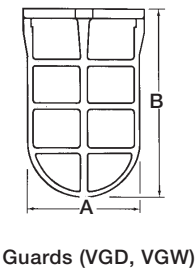
Cat. No.	A (in.)	B (in.)
VGD-01	4¹/₁₆	7
VGD-02	5⁵/₁₆	8⁵/₈
VGW-01	4¹/₁₆	6⁴/₆₄
VGW-02	5⁵/₁₆	8³⁷/₆₄

Vaportight lighting
Indoor/outdoor lighting

Surface fixtures
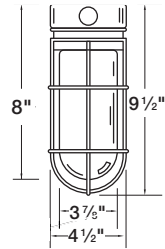
PBVC-100C

Cat. No.	Description	Max. watts	Packaging	
			Box	Std. ctn.
Fits all 3" and 4" round or octagon boxes				
PBVC-100C*	Fixture, Box and Clear LEXAN® Globe	100	1	12

UL Listed E-77360. CSA Certified LR-95792. LEXAN® is a registered trademark of SABIC Innovative Plastics Company. *Guard sold separately.

Vaporproof fixture globes and guards replacements

PVG-1A   **VG-3 &VG-4**
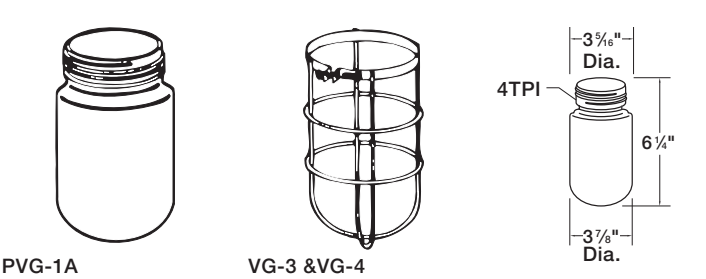
Cat. No.	Description	Packaging	
		Box	Std. Ctn.
PVG1-A*	Amber LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1C*	Clear LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1R*	Red LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1W*	White LEXAN® Globe for 100-Watt Fixtures	1	12
VG-3	Guard for 100-Watt Fixtures	1	12
VG-4	Guard for 200-Watt Fixtures	1	6

* UL Listed E-77360.

Swimming pool and spa products
Swimming pool junction boxes

Used for making wiring connections to underwater pool lighting, line or low-voltage

– Black LEXAN® cover, die-cast solid brass base
– Supplied with brass closure plugs, four ground screws, sealing gasket and mounting hardware
– 3 1/16" x 4 3/16" x 3 1/4" deep
– Listed in accordance to NEC® Section 680.24

4 15/16"

3 1/16"

3 1/4"

Grounding posts for flexible cord ground wire

Strain-relief clamp (adjustable for use on hub "a" or "b")

Grounding post for attaching grounding conductor from feed wire

Use hub "c" for entry of feed wiring

Use hub "a" or "b" for entry of flexible cord from pool light

Compression grounding post for bonding wire (if required)

A B C

Inside view
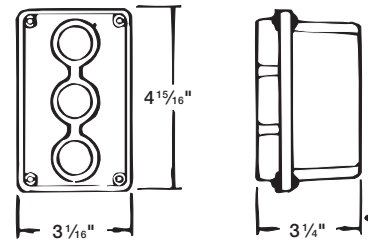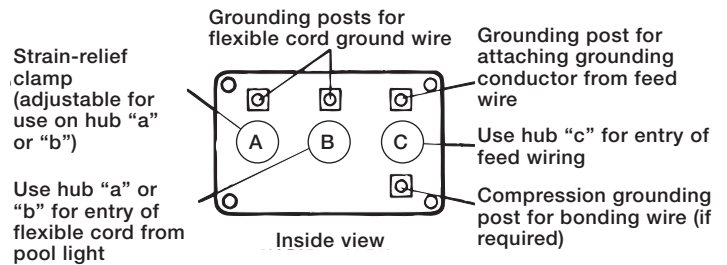
SPJ-3

SPJ-5

SB11PL
SB14
SB100

SPJ Series			
Cat. No.	No. of plugs	Hub size	Std. Ctn.
SPJ-3	3	(2) 1/2" and (1) 1"	24
SPJ-5	5	(1) 1/2", (2) 3/4" and (2) 1"	24
SPJ-MB	—	Mounting brackets	24
SPJ-SR	—	Rod	24

SB Series							
			Description conduit hub size (in.)			Packaging	
Cat. No.	Cubic in.	No. of plugs	A	B	C	Box	Std. Ctn.
SB11PL	22.0	1	1/2	1/2	1/2	1	10
SB14	22.0	1	3/4	3/4	3/4	1	10
SB100	22.0	1	3/4	1	3/4	1	10

UL Listed E-63648.
Weatherproof.
LEXAN® is a registered trademark of SABIC Innovative Plastics Company.
NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Stainless Steel While-In-Use Box and Cover System

Meets the new NEC® and UL® requirements for "extra-duty" outlet box covers while being rated for liquid ingress protection and corrosion resistance in environments that require daily washdown. NSF certified design.

Use of caustic chemicals during washdown and sanitation, pathogen concerns, 24/7 manufacturing environments and increasingly stringent USDA, FDA and HACCP requirements mean one thing—the Food and Beverage Industry has unique electrical power equipment needs that separate them from other industrial plants. Protecting electrical devices in these harsh and demanding environments can be a challenge. National Electrical Code® (NEC®) requirements mandate protection of electrical devices in wet locations even when a cord is plugged into a receptacle. The durability of these products, particularly in high traffic areas, plays a major role with respect to the new NEC® changes calling for more robust designs for outlet covers protecting wiring devices in wet locations.

The Red Dot® Stainless Steel While-In-Use Box and Cover System makes it easier than ever to comply with NEC® requirements for installing receptacles in harsh environments that require washdown maintenance. While-In-Use Covers provide wet location protection for plugs that remain installed for an extended period of time. The Red Dot® Stainless Steel While-In-Use Box and Cover System complies with the new NEC® and UL® requirements for "extra-duty" outlet box covers while being rated for harsh washdown applications.

Features and Benefits
– NEMA 4X rated (while not in use) when installed properly
– NEMA 3R rated
– NSF certified
– cULus Listed
– 316 Stainless Steel construction
– Corrosion resistant
– Smooth, sloped surfaces to allow maximum runoff
– Configurable—a variety of sizes and type of outlets up to a 30 amp receptacle can be used
– Electrical cord splash guard
– Allows ½" to 1" conduit fittings
– Quick access quarter turn latch
– Integral padlock hasp
– 37.3 cubic inch capacity integral conduit body
– Stand-off mounting provides separation from the wall, allowing superior washdown accessibility
– Lift-off, bullet-style hinges allow for easy access and cleaning
– Integral conduit body, electrical box, and while-in-use cover all in one
– Continuous, 1-piece, replaceable UL Listed silicone gasket

Catalog number	Description	Standard carton
SSE	Stainless Steel While-In-Use Box and Cover System	1

Markets and End Users

- Food and beverage plants
- Chemical plants
- Water and wastewater treatment
- Pharmaceutical and cosmetics plants
- Petrochemical operations
- Marine and coastal facilities
- Pulp and paper mills

Notes

Notes

Catalog number index

Visit our world of electrical product solutions

Visit the "Electrical World" section of our web site at www.tnb.com for more information on Thomas & Betts solutions including our newest products, plus user-friendly catalog and competitive part number search, application and technical support and other useful information. Click on the Electrical World icon or go to: tnbelectricalworld.tnb.com.

Industry codes and specifications

All Thomas & Betts products meet or exceed applicable industry specifications or codes which are detailed in the appropriate T&B product literature.

Online CAD library

Thomas & Betts offers free download of two- and three-dimensional CAD models of many of its products in more than 90 native CAD formats at: www.tnb.com/cadlibrary

Thomas & Betts
Electrification Products
Division of ABB
8155 T&B Boulevard
Memphis, TN 38125
901-252-5000
www.tnb.com

Thomas&Betts
A Member of the ABB Group