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ALB



ALL



BT

### Applications:

- Junction for branch conduits
- "A" Series bodies for Rigid and IMC conduit maintain a weather resistant conduit system when used with covers and gaskets.
- "B" Series bodies for thin wall conduit (EMT) saves cost of connector and labor in indoor applications.
- Spacious, accessible wiring chamber provides a convenient location to pull conductors and make splices.
- Aluminum conduit bodies can be used with steel rigid conduit - NEC 346-1, and Steel EMT, NEC 348-1.

### 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 threaded and set screw hubs allow trouble-free field installation for rigid, IMC or EMT conduit.
- Retained deep slotted stainless steel cover screws for faster installation.
- Clear UL, CSA and cubic content markings speed approval by inspectors.

### Standard Materials:

- Conduit Bodies: Die cast aluminum alloy A360 with less than .004 copper content (copper-free).
- Covers: (CV Series) Die cast aluminum alloy A360 with less than .004 copper content (copper-free), and stainless steel screws.
- Covers: (SCV Series) Stamped aluminum alloy with less than .004 copper content (copper-free), and stainless steel screws.
- Gaskets: (GKN Series) Neoprene.
- Gaskets: (GKV Series) Composition.

### Standard Finish:

- Conduit bodies and die cast covers: Aluminum lacquer finish.
- Stamped covers: Natural.

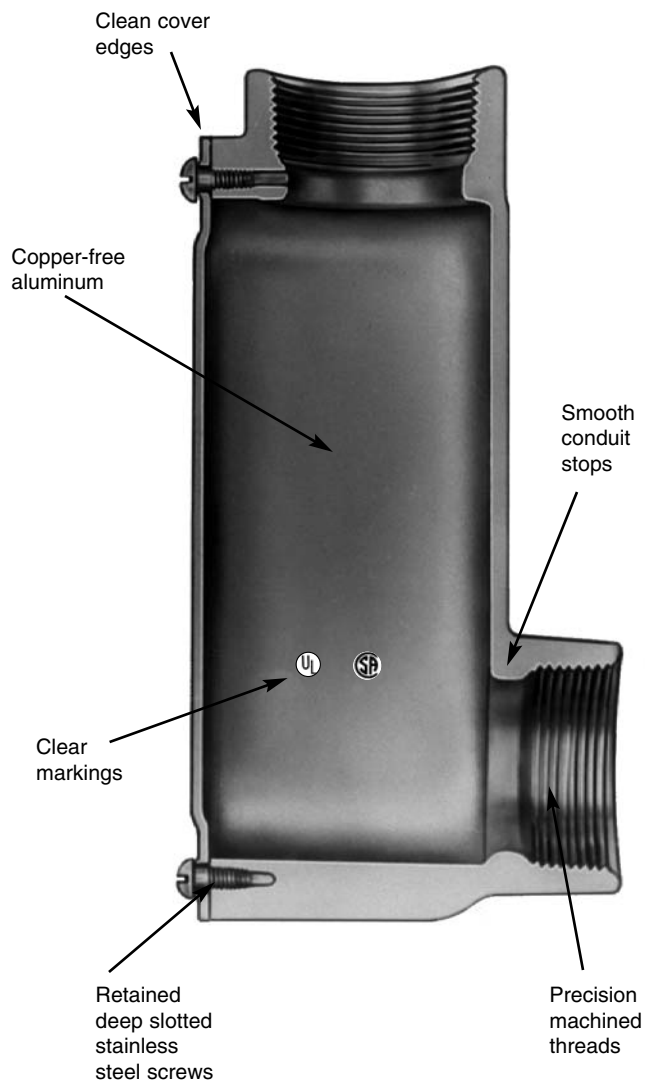
### Compliances:

- UL Listed.
- CSA Certified.
- Federal Spec. W-C-586.
- NEC Article 370-28.

### Sample Specifications:

- Conduit bodies shall be die cast copper-free\* aluminum alloy A360. All conduit stops shall be free of rough edges.
- Conduit bodies shall be finished with powder coated paint.
- Conduit bodies shall be Red•Dot® Catalog No. \_\_\_\_\_





\*Less than .004 copper content



## Conduit Bodies, Covers & Gaskets



Threaded bodies for heavy wall rigid and IMC.  
Set screw bodies for thin wall conduit (EMT).

	Cat. No.	Cat. No.	Hub Size
<b>Through Feed</b> 	<b>Rigid/IMC</b>	<b>EMT</b>	
	AC-1-RD	BC-1	½"
	AC-2-RD	BC-2	¾"
	AC-3	BC-3	1"
	AC-4-RD	BC-4	1¼"
	AC-5	BC-5	1½"
	AC-6-RD	BC-6	2"
	AC-7*		2½"
	AC-8*		3"
	AC-9*		3½"
	AC-10-RD*		4"
	<b>D-PAK® *</b>		
	DAC-1-CG†		½"
	DAC-2-CG†		¾"
	DAC-3-CG†		1"
<b>Back-Opening</b> 	<b>ALB-1</b>	<b>BLB-1</b>	½"
	ALB-2	BLB-2	¾"
	ALB-3	BLB-3	1"
	ALB-4	BLB-4	1¼"
	ALB-5	BLB-5	1½"
	ALB-6	BLB-6	2"
	ALB-7*	BLB-7*	2½"
	ALB-8*	BLB-8*	3"
	ALB-9*	BLB-9*	3½"
	ALB-10*	BLB-10*	4"
	<b>D-PAK® *</b>		
	DALB-1-CG†	DBLB-1-CΣ	½"
	DALB-2-CG†	DBLB-2-CΣ	¾"
	DALB-3-CG†	DBLB-3-CΣ	1"
	DALB-4-CG†		1¼"
	DALB-5-CG†		1½"
	DALB-6-CG†		2"
<b>Left Side Opening</b> 	<b>ALL-1</b>	<b>BLL-1</b>	½"
	ALL-2	BLL-2	¾"
	ALL-3	BLL-3	1"
	ALL-4		1¼"
	ALL-5		1½"
	ALL-6		2"
	ALL-7*		2½"
	ALL-8*		3"
	ALL-9*		3½"
	ALL-10*		4"
	<b>D-PAK® *</b>		
	DALL-1-CG†		½"
	DALL-2-CG†		¾"
	DALL-3-CG†		1"
<b>Right Side Opening</b> 	<b>ALR-1</b>	<b>BLR-1</b>	½"
	ALR-2	BLR-2	¾"
	ALR-3	BLR-3	1"
	ALR-4		1¼"
	ALR-5		1½"
	ALR-6		2"
	ALR-7*		2½"
	ALR-8*		3"
	ALR-9*		3½"
	ALR-10*		4"
	<b>D-PAK® *</b>		
	DALR-1-CG†		½"
	DALR-2-CG†		¾"
	DALR-3-CG†		1"




• Shipped with one CV cover

Σ Shipped with one SCV cover

† Shipped with one SCV cover and one GKN gasket



\* See Pages H48-H50 for complete D-PAK® assortment

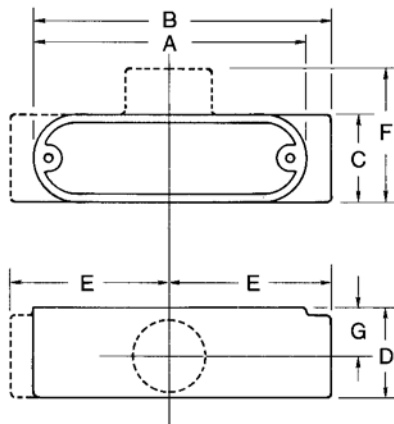
- Retained stainless steel cover screws.
- Cubic capacity UL and CSA clearly shown.
- Smooth throats for easy wire pulling.
- Ultra-high pressure die cast copper-free aluminum.
- UL Listed, CSA Certified.

	Cat. No.	Cat. No.	Hub Size
<b>Dead End</b> 	AE-1		½"
	AE-2		¾"
<b>Left/Right Side Opening</b> 	<b>Rigid/IMC</b>	<b>EMT</b>	
	ALRL-1Σ	BLRL-1Σ	½"
	ALRL-2Σ	BLRL-2Σ	¾"
	ALRL-3Σ	BLRL-3Σ	1"
	ALRL-4Σ	BLRL-4Σ	1¼"
	ALRL-5Σ	BLRL-5Σ	1½"
	ALRL-6Σ	BLRL-6Σ	2"
<b>T-Style</b> 	AT-1	BT-1	½"
	AT-2	BT-2	¾"
	AT-3	BT-3	1"
	AT-4	BT-4	1¼"
	AT-5	BT-5	1½"
	AT-6	BT-6	2"
	AT-7*		2½"
	AT-8*		3"
	AT-9*		3½"
	AT-10*		4"
	<b>D-PAK® *</b>		
	DAT-1-CG†		½"
	DAT-2-CG†		¾"
	DAT-3-CG†		1"

## Covers and Gasket

For Threaded and Set Screw Conduit Bodies

	Cat. No.	Cat. No.	Hub Size
<b>Covers</b> 	<b>Die Cast</b>	<b>Stamped</b>	
	CV-1	SCV-1	½"
	CV-2	SCV-2	¾"
	CV-3	SCV-3	1"
	CV-4	SCV-4	1¼"-1½"
	CV-5	SCV-5	2"
	CV-6		2½"-3"
	CV-7		3½"-4"
<b>Gaskets</b> 	<b>Neoprene</b>	<b>Composition</b>	
	GKN-1	GKV-1	½"
	GKN-2	GKV-2	¾"
	GKN-3	GKV-3	1"
	GKN-4	GKV-4	1¼"-1½"
	GKN-5	GKV-5	2"
	GKN-6	GKV-6	2½"-3"
	GKN-7	GKV-7	3½"-4"

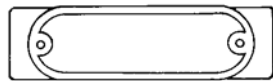


C, E, & T

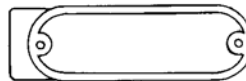
### C, E, & T

Size	A	B	C	D	E	F	G	CI
1/2"	3 3/8	4 3/8	1 1/4	1 3/8	2 13/32	2 1/16	1 3/16	4.3
3/4"	4 5/8	5 1/8	1 1/2	1 5/8	2 25/32	2 11/32	1 5/16	7.3
1"	5 3/8	5 5/8	1 3/4	1 7/8	3 1/2	2 3/8	1	11.8
1 1/4"	7 1/4	7 7/8	2 1/2	2 1/2	4 3/16	3 13/32	1 3/8	32.0
1 1/2"	7 1/4	7 7/8	2 1/2	2 3/4	4 3/16	3 13/32	1 1/2	32.0
2"	9 1/2	10 3/16	3 1/8	3 3/16	5 13/32	4	1 31/32	69.5
2 1/2"	12 1/4	13	4 1/2	4 1/2	6 7/8	5 25/32	2 7/16	190.0
3"	12 1/4	13	4 1/2	4 1/2	6 7/8	5 25/32	2 7/16	190.0
3 1/2"	15	16 5/16	5 1/2	5 9/16	8 13/16	6 13/16	3	366.0
4"	15	16 5/16	5 1/2	5 9/16	8 13/16	6 13/16	3	366.0

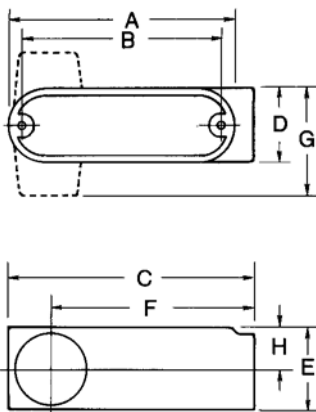
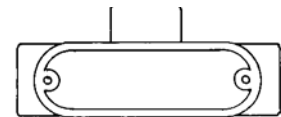
C



E



T

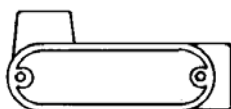


LL, LR, & LRL

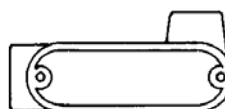
### LL, LR, & LRL

Size	A	B	C	D	E	F	G	H	CI	CI	LRL STYLE ONLY
1/2"	3 3/8	3 1/2	4 3/8	1 1/8	1 3/8	3 3/16	2	25/32	4.3	4.8	
3/4"	4 5/8	4 1/8	5 1/8	1 13/32	1 5/8	4 1/8	2 5/16	7/8	7.3	7.5	
1"	5 3/8	4 7/8	5 5/8	1 3/4	1 7/8	4 7/8	2 1/2	1	11.8	12.5	
1 1/4"	7 1/4	6 1/2	7 7/8	2 1/2	2 3/4	6 5/16	3 3/8	1 1/2	32.0	36.5	
1 1/2"	7 1/4	6 1/2	7 7/8	2 1/2	2 3/4	6 5/16	3 3/8	1 1/2	32.0	36.5	
2"	9 1/2	8 9/16	10 3/16	3 1/8	3 3/16	8 3/16	3 15/16	1 15/16	69.5	73.8	
2 1/2"	12 1/4	11 1/4	13	4 1/2	4 1/2	10 1/4	5 1/2	2 7/8	190.0		
3"	12 1/4	11 1/4	13	4 1/2	4 1/2	10 1/4	5 1/2	2 7/8	190.0		
3 1/2"	15	14 7/16	16 1/4	5 1/2	5 1/2	12 3/4	6 1/2	3	366.0		
4"	15	14 7/16	16 1/4	5 1/2	5 1/2	12 3/4	6 1/2	3	366.0		

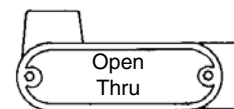
LL



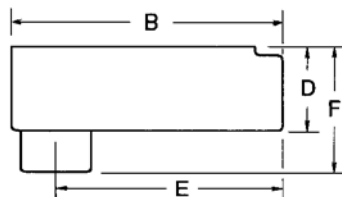
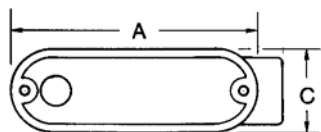
LR



LRL

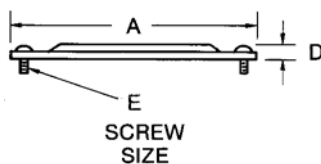
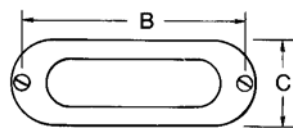






### LB

Size	A	B	C	D	E	F	CI
½"	3⅞	4⅞ <sub>2</sub>	1⅞ <sub>16</sub>	1⅞ <sub>16</sub>	3½	2⅞ <sub>16</sub>	4.3
¾"	4⅞	5⅞	11⅞ <sub>32</sub>	1⅞	4¼	2⅞ <sub>16</sub>	7.3
1"	5⅞	5⅞ <sub>16</sub>	1¾	1⅞	4⅞ <sub>16</sub>	2¾	11.8
1¼"	7¼	7⅞	2½	2½	6½	3⅞ <sub>16</sub>	32.0
1½"	7¼	7⅞	2½	2¼	6⅞ <sub>16</sub>	3⅞ <sub>16</sub>	32.0
2"	9½	9⅞ <sub>16</sub>	3⅞	3⅞ <sub>16</sub>	8	4½	69.5
2½"	12¼	13	4½	3⅞	10⅞ <sub>32</sub>	5¼	190.0
3"	12¼	13	4½	4½	10½	5⅞	190.0
3½"	15	16⅞ <sub>16</sub>	5½	5⅞ <sub>16</sub>	13½	6⅞ <sub>16</sub>	366.0
4"	15	16⅞ <sub>16</sub>	5½	5⅞ <sub>16</sub>	13½	6⅞ <sub>16</sub>	366.0



### CV & SCV

Cat. No.	Cat. No.	Size	A	B	C	D	E
SCV-1	CV-1	½"	3⅞	3½	12⅞ <sub>4</sub>	¾	8-32 x ¾
SCV-2	CV-2	¾"	4⅞	4⅞	11⅞ <sub>32</sub>	¾	8-32 x ¾
SCV-3	CV-3	1"	5⅞	4⅞	1¾	¾	8-32 x ¾
SCV-4	CV-4	1¼" - 1½"	7¼	6½	2½	¾	12-24 x 7/16
SCV-5	CV-5	2"	9½	8⅞ <sub>16</sub>	3⅞	¾	12-24 x 7/16
	CV-6	2½" - 3"	12⅞ <sub>32</sub>	11¼	41⅞ <sub>32</sub>	1⅞	5/16-8 x 5/8
	CV-7	3½" - 4"	15⅞ <sub>32</sub>	14⅞ <sub>16</sub>	51⅞ <sub>32</sub>	1⅞	5/16-8 x 5/8

### Conduit Body Wiring Table\* – Style of Fitting

Trade Size	LB	C	T	LL, LR, LRL
¾"	#6	#6	#6	#6
1"	#4	#4	#4	#4
1¼"	#2	#2	#2	#2
1½"	1/0	1/0	#1	1/0
2"	4/0	2/0	1/0	4/0
2½"	300 MCM	250 MCM	2/0	300 MCM
3"	400 MCM	250 MCM	2/0	500 MCM
3½"	500 MCM	350 MCM	250 MCM	500 MCM
4"	500 MCM	350 MCM	250 MCM	500 MCM

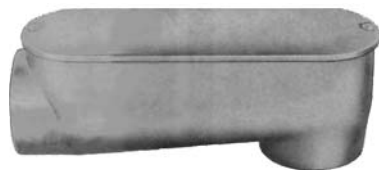
\*The Maximum number and size of wire that can be safely pulled is based on three type XHHW wires or equal.



## Mogul Pulling Elbow/Service Entrance Bodies



ASLB



ASLB-XL

### Applications:

- Raintight junction for bringing electrical service into a location.
- Accessible wiring chamber provides a convenient location to 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 threaded hubs allow trouble-free field installation for rigid and IMC conduit.
- Retained deep slotted stainless steel cover screws for faster installation.
- Clear UL, CSA and cubic content markings speed approval by inspectors.

### Standard Materials:

- Service Entrance Bodies: Die cast aluminum alloy A360 with less than .004 copper content (copper-free).
- Covers 1/2" and 3/4": Stamped aluminum alloy, and stainless steel screws.
- Covers 1" through 4": Die cast aluminum alloy A360 with less than .004 copper content (copper-free), and stainless steel screws.
- Gaskets: Composition.

### Standard Finish:

- Aluminum lacquer finish.

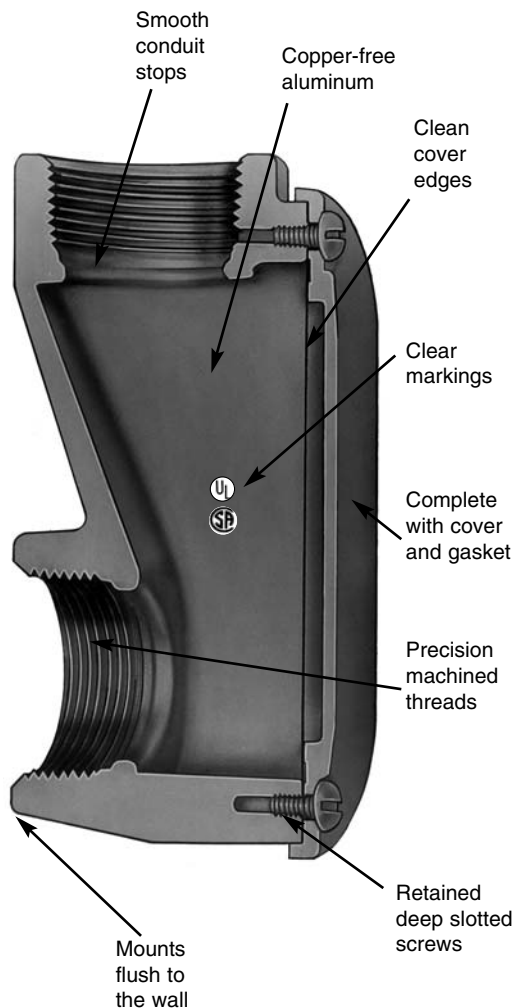
### Compliances:

- UL Listed.
- CSA Certified.
- Federal Spec. W-C-586.
- NEC Article 370-5 and 370-28.

### Sample Specifications:

- Service Entrance Fittings shall be die cast copper-free\* aluminum alloy A360. All conduit stops shall be free of rough edges.
- Service Entrance Fittings shall be finished with aluminum lacquer.
- Service Entrance Fittings shall be Red•Dot® Catalog No. \_\_\_\_\_

\*Less than .004 copper content




**Thomas & Betts**


## Mogul Pulling Elbow/Service Entrance Bodies



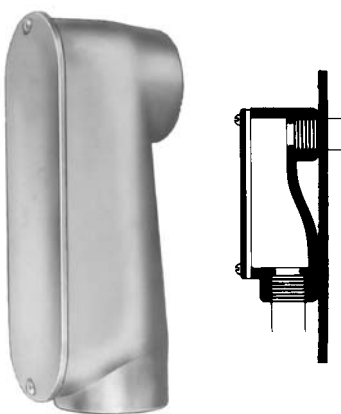
*Spacious, accessible wiring chamber for pulling conductors, making splices, and bringing electrical service into a location.*

- Dome cover - extra bending room.
- Deep slotted stainless steel cover screws.
- "I" beam construction adds strength.
- Smooth throats for easy wire pulling.
- Extra wiring room.
- Meets NEC Article 370-28.
- Ultra-high pressure die cast aluminum.
- UL Listed, CSA Certified.
- Copper-free aluminum, less than .004 copper content.

	Cat. No.	Hub Size
<b>Bodies with Covers and Gaskets</b>		
	MALB-3	1"
	MALB-4	1¼"
	MALB-5	1½"
	MALB-6	2"
	MALB-7	2½"
	MALB-8	3"
	MALB-9	3½"
	MALB-10	4"


	Cat. No.	Hub Size
<b>Composition Gasket</b>		
	MGKV-4	1 or 1¼"
	MGKV-5	1½" or 2"
	MGKV-6	2½" or 3"
	MGKV-7	3½" or 4"


## Service Entrance Bodies




*Accessible junctions for bringing electrical service into a location.*

- Mounts flush to wall.
- Standard and extra long configurations.
- Retained deep slotted stainless steel cover screws.
- Smooth throats for easy wire pulling.
- Ultra-high pressure die cast aluminum.
- Meets NEC Article 370-28.
- UL listed, CSA Certified.
- Copper-free aluminum, less than .004 copper content.

	Cat. No.	Hub Size
<b>½" - 2" Bodies with Covers and Gaskets</b>		
	ASLB-1	½"
	ASLB-2	¾"
	ASLB-3	1"
	ASLB-4	1¼"
	ASLB-5	1½"
	ASLB-6	2"
<b>D-PAK® *</b>		
	DASLB-1	½"
	DASLB-2	¾"
	DASLB-3	1"

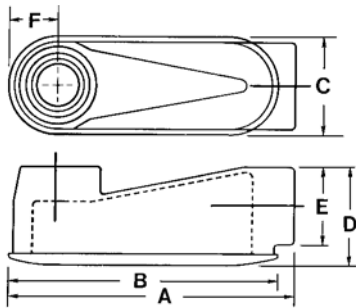
	Cat. No.	Hub Size
<b>2½" - 4" Bodies with Covers and Gaskets</b>		
	SALB-7	2½"
	SALB-8	3"
	SALB-9	3½"
	SALB-10	4"

	Cat. No.	Hub Size
<b>Extra Long Bodies with Covers and Gaskets</b>		
	ASLB-XL4	1¼"
	ASLB-KL6	2"

**NOTE:** Raintight when used with appropriate Red•Dot® covers.

\* See Pages H48-H50 for complete D-PAK® assortment.

## Mogul Pulling Elbow/Service Entrance Bodies



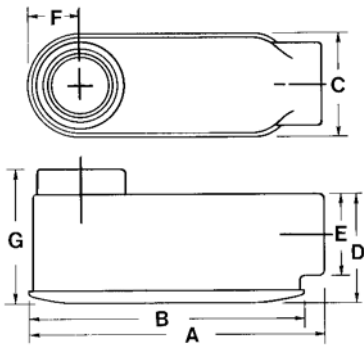
ASLB & ASLB-XL

### ASLB

Size	A	B	C	D	E	F	CI
1/2"	3 1/16	2 3/4	1 1/4	1 1/16	1 1/8	1 1/16	2.0
3/4"	3 15/16	3 1/4	1 1/2	1 3/4	1 3/8	3/4	3.0
1"	4 1/4	3 3/8	1 3/4	2 3/16	1 3/4	1 1/16	5.5
1 1/4"	5 1/2	5 1/4	2 3/8	3	2 3/16	1 1/4	13.0
1 1/2"	6 1/4	6	2 7/16	3 1/4	2 7/16	1 1/2	18.8
2"	6 3/4	6 1/2	3 3/8	4	2 7/8	1 5/8	38.8

### ASLB-XL

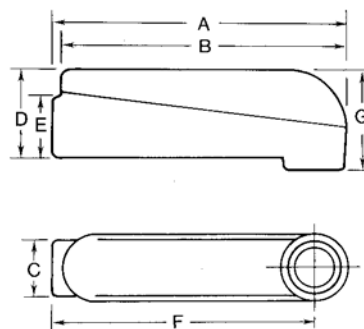
Size	A	B	C	D	E	F	CI
1 1/4"	8	7 1/2	2 1/2	2 3/4	2 7/32	1 5/16	24.5
2"	9 15/16	9 3/4	3 3/8	3 3/4	2 19/16	1 5/8	58.0



SALB

### SALB

Size	A	B	C	D	E	F	G	CI
2 1/2"	13	12 5/8	4 3/16	4 1/2	3 3/8	2 1/4	5 7/8	190
3"	13	12 5/8	4 1/2	5 1/4	4 1/8	2 7/16	6 7/16	190
3 1/2"	16 1/2	15 3/8	5 1/2	6 1/4	5 1/8	2 3/4	7 9/16	366
4"	16 1/2	15 3/8	5 1/2	6 1/4	5 1/8	2 3/4	7 9/16	366



MALB

### MALB

Size	A	B	C	D	E	F	G	CI
1"	9 5/8	9 1/16	2 1/2	2 3/4	2 1/16	8 1/2	3 5/8	40
1 1/4"	9 5/8	9 1/16	2 1/2	2 3/4	2 1/16	8 1/2	3 5/8	40
1 1/2"	14 17/32	14 1/4	2 3/4	4	2 13/16	13	5 7/32	128
2"	14 17/32	14 1/4	2 3/4	4	2 13/16	13	5 7/32	128
2 1/2"	21 11/16	21 11/32	4 1/2	5 5/8	4 1/8	18	7 23/32	398
3"	21 11/16	21 11/32	4 1/2	5 5/8	4 1/8	18	7 23/32	398
3 1/2"	28 5/8	28 11/16	5 1/2	6 1/2	5 1/8	24	9 23/32	766.7
4"	28 5/8	28 11/16	5 1/2	6 1/2	5 1/8	24	9 23/32	766.7





## Zinc Concrete Slab Inserts, Elbows and Plugs



ESL



ES

### Applications:

- Permits in-slab ceiling drops and floor mounts in poured concrete.
- Provides flush threaded conduit hub for mounting, pulling and future access to conduit systems.
- Design permits prefabrication of in-slab conduit system.

### Features/Benefits:

- Flush design leaves no broken or bent stubs for easy removal of undamaged forms.
- Flush design permits simplified in-slab work.
- Flush design leaves a neat, uncluttered job.
- Offered in straight ES configuration for straight through conduit runs and mounting of floor boxes in slabs over 6" thick.
- Offered in ESL configuration to eliminate bending of conduit in slabs over 4" thick.
- Precision cast and machined surfaces permit safer wire pulling.
- ZAMAK 3 Zinc can be embedded in concrete.

### Standard Material:

- Die cast zinc alloy ZAMAK 3. Certified by the Certified Zinc Alloy Plan (CZAP).

### Standard Finish:

- Natural.

### Compliances:

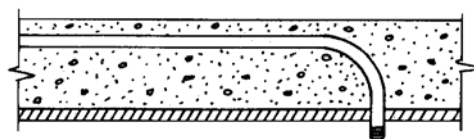
- UL Listed.
- CSA Certified.

### Sample Specifications:

- Concrete Slab Inserts shall be die cast Zinc Alloy\* ZAMAK 3. All conduit stops shall be coined and free of rough edges. Service Entrance Fittings shall be Red•Dot® Catalog No. \_\_\_\_\_

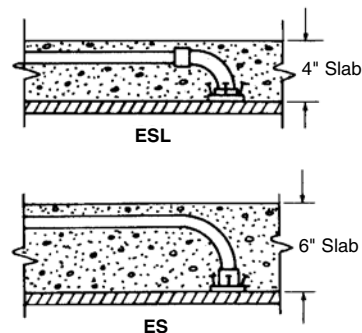
\* Certified by the American Die Casting Institute.

### Old Way



Conduit running in a cement slab is bent 90° to run through a hole drilled in the form. Drilling takes time and damages the form. Stripping form often damages conduit stubs. Varying length of stubs requires individual measuring and cutting of conduit drops.

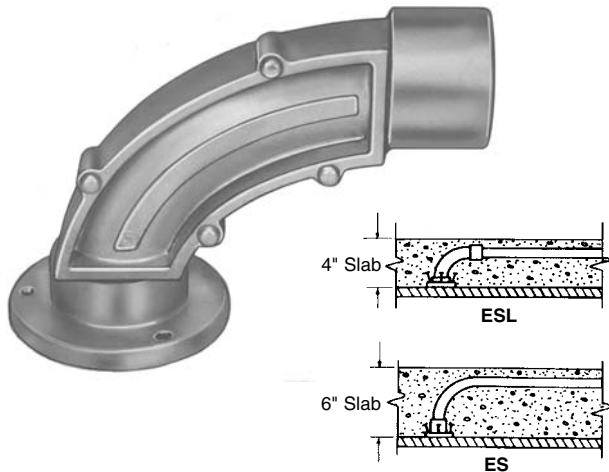
### Red•Dot® Way



Conduit running in a cement slab is attached to a 90° concrete slab insert, or conduit is bent 90° and is threaded to a straight insert. Nail or screw fitting to wood or metal forms. After concrete is poured and forms stripped, conduit drops quickly into fittings from floor below. Drops are easily measured from ceiling line to switch or outlet height and cut in uniform lengths.



Red•Dot®




Concrete slab inserts permit in-slab ceiling drops and floor mounts in poured concrete.


- For Rigid and IMC.
- Slab insert is nailed to form prior to pour.
- Removable seal keeps threads cement free.
- ESL eliminates:
  - Bends in 4" concrete slabs.
  - Damage to form.
  - Cutting off conduit stubs.
- UL Listed, CSA Certified.

Red•Dot®

H



### Threaded Rigid or IMC Conduit Inserts

	Cat. No.	Hub Size
<b>Straight</b> 	ES-1	1/2"
	ES-2	3/4"
	ES-3	1"


	Cat. No.	Hub Size
<b>90°</b> 	ESL-1	1/2"
	ESL-2	3/4"
	ESL-3	1"

### Elbows and Plugs

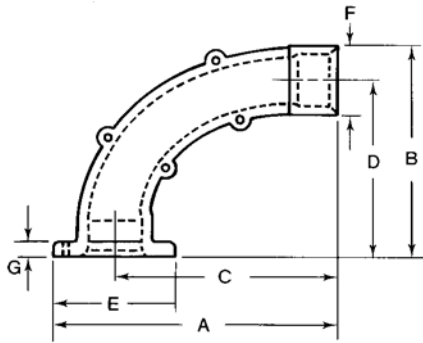
#### Female to Female Aluminum Elbows

	Cat. No.	Cat. No.	Hub Size
<b>Corner</b> 	<b>Rigid IMC</b>	<b>EMT</b>	1/2"
	ACE-1	BCE-1	3/4"
	ACE-2	BCE-2	
<b>Pulling</b> 	<b>Rigid IMC</b>	<b>EMT</b>	1/2"
	APEF-1	BPEF-1	3/4"
	APEF-2	BPEF-2	

#### Close Up Plugs, Zinc

	Cat. No.	Color	Hub Size
	PLG-1-RD	Silver	1/2"
	PLG-2-RD	Silver	3/4"
	PLG-3-RD	Silver	1"
	<b>D-PAK® *</b>		
	DPLG-1	Silver	1/2"
	DPLG-1-BR	Bronze	1/2"
	DPLG-1-WH	White	1/2"
	DPLG-2	Silver	3/4"

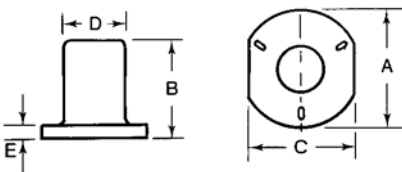
\* See Pages H48-H50 for complete D-PAK® assortment



ESL

### ESL

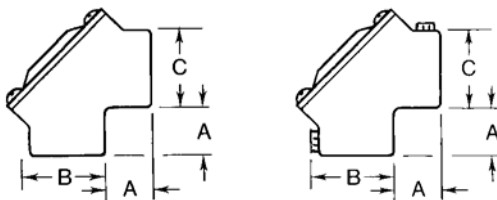
Cat. No.	Size	A	B	C	D	E	F	G
ESL-1	1/2"	4 <sup>27</sup> / <sub>32</sub>	3 <sup>45</sup> / <sub>64</sub>	3 <sup>29</sup> / <sub>32</sub>	3 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	1/4
ESL-2	3/4"	5 <sup>11</sup> / <sub>64</sub>	3 <sup>23</sup> / <sub>32</sub>	4 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	1/4
ESL-3	1"	5 <sup>5</sup> / <sub>32</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>63</sup> / <sub>64</sub>	2 <sup>7</sup> / <sub>16</sub>	1 <sup>17</sup> / <sub>32</sub>	1/4



ES

### ES

Cat. No.	Size	A	B	C	D	E
ES-1	1/2"	1 <sup>59</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>23</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>32</sub>	1/4
ES-2	3/4"	2 <sup>11</sup> / <sub>64</sub>	1 <sup>5</sup> / <sub>8</sub>	1 <sup>31</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>4</sub>	1/4
ES-3	1"	2 <sup>9</sup> / <sub>16</sub>	2	2 <sup>5</sup> / <sub>16</sub>	1 <sup>17</sup> / <sub>32</sub>	1/4

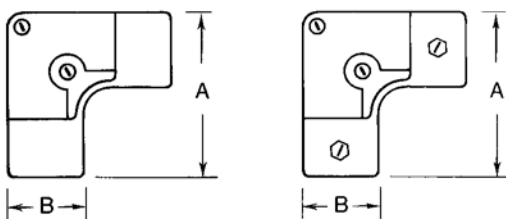


APEF

BPEF

### APEF and BPEF

Size	A	B	C
1/2"	1 <sup>1</sup> / <sub>16</sub>	7/32	1 <sup>1</sup> / <sub>8</sub>
3/4"	1 <sup>3</sup> / <sub>16</sub>	9/16	1 <sup>23</sup> / <sub>64</sub>

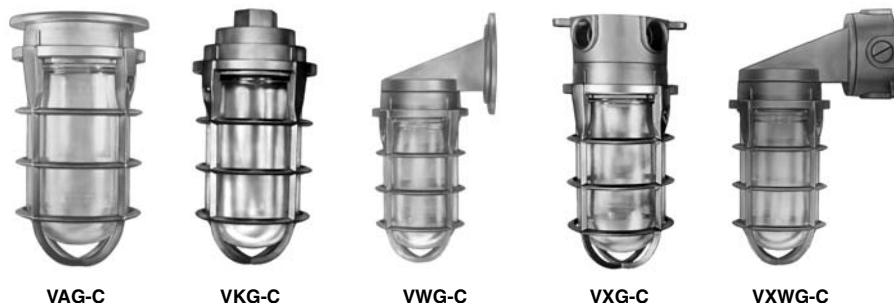


ACE

BCE

### ACE and BCE

Size	A	B
1/2"	2 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>
3/4"	2 <sup>21</sup> / <sub>32</sub>	1 <sup>5</sup> / <sub>16</sub>

**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 assuring 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 screws.
- Globe: Lime crystal glass.
- Socket: Center contact, porcelain, medium base.

**Standard Finish:**

- Aluminum lacquer finish.

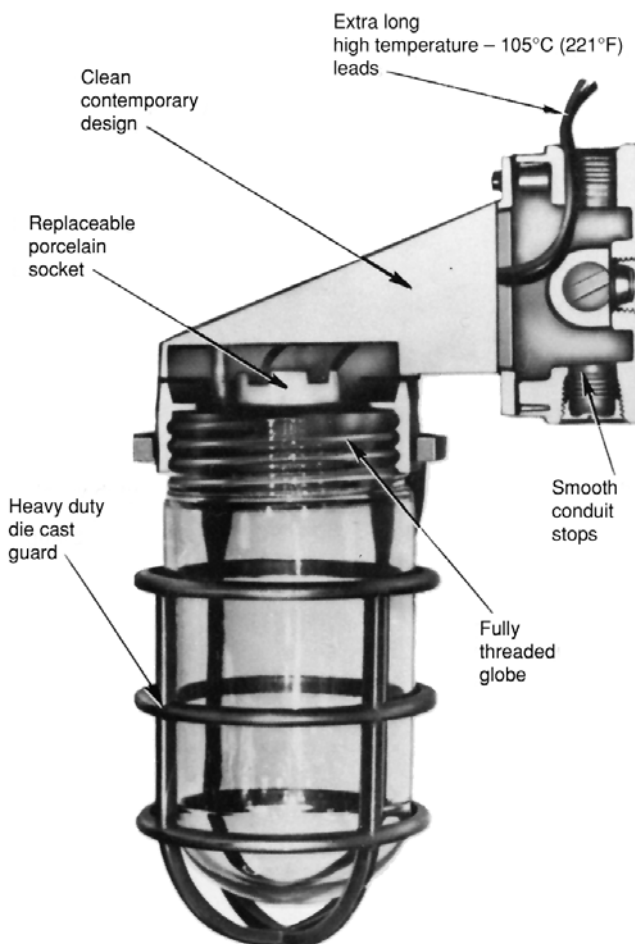
**Compliances:**

- 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 aluminum lacquer. Fixtures shall be Red•Dot® Catalog No. \_\_\_\_\_

\*Less than .004 copper content









Low maintenance indoor 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

	Cat. No.	Hub Size	Max. Watt	Description
	VK-11	½"	100	Pendant cap
	VK-21	¾"	100	with socket screw
	VK-12	½"	200	terminals, gasket
	VK-22	¾"	200	and screws
	VKG-11	½"	100	Pendant cap with
	VKG-21	¾"	100	socket screw
	VKG-12	½"	200	terminals, gasket,
	VKG-22	¾"	200	screws and globe
	VKG-11-C	½"	100	Pendant cap with
	VKG-21-C	¾"	100	socket screw
	VKG-12-C	½"	200	terminals, gasket,
	VKG-22-C	¾"	200	screws, globe and cast guard

### Ceiling Mount with Adapter Plate

	Cat. No.	Hub Size	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)

	Cat. No.	Hub Size	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, cast mounting lugs and globe
	VXG-21	¾"	100	
	VXG-12	½"	200	
	VXG-22	¾"	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	




**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.



### Wall Mount with Adapter Plate



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

### Wall Mount Cross Feed (5 tapped holes)

	Cat. No.	Hub Size	Max. Watt	Description
	<b>VXW-11</b>	1/2"	100	Wall mount cross feed with socket with leads, gaskets, and screws, 4 closure plugs, and cast mounting lugs
	<b>VXW-21</b>	3/4"	100	
	<b>VXW-12</b>	1/2"	200	
	<b>VXW-22</b>	3/4"	200	
	<b>VXWG-11</b>	1/2"	100	Wall mount cross feed with socket with leads, gaskets, screws, 4 closure plugs, cast mounting lugs, and globe
	<b>VXWG-21</b>	3/4"	100	
	<b>VXWG-12</b>	1/2"	200	
	<b>VXWG-22</b>	3/4"	200	
	<b>VXWG-11-C</b>	1/2"	100	Wall mount cross feed with socket with leads, gaskets, screws, 4 closure plugs, cast mounting lugs, globe and cast guard
	<b>VXWG-21-C</b>	3/4"	100	
	<b>VXWG-12-C</b>	1/2"	200	
	<b>VXWG-22-C</b>	3/4"	200	

### Industrial Vaportight Accessories



#### Globes

	Cat. No.	Max. Watt	Description
	<b>VGL-01</b>	100	Clear
	<b>VGLA-01</b>	100	Amber
	<b>VGLB-01</b>	100	Blue
	<b>VGLG-01</b>	100	Green
	<b>VGLR-01</b>	100	Red
	<b>VGLH-01</b>	150	Clear heat resistant
	<b>VGL-02</b>	200	Clear
	<b>VGLR-02</b>	200	Red
	<b>VGLH-02</b>	300	Clear heat resistant
	<b>VGLL-01</b>	75	Clear prismatic
	<b>VGLL-02</b>	150	Clear prismatic
	<b>VGLA-A1</b>	75	Amber
	<b>VGLA-R1</b>	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

	Cat. No.	Max. Watt	Description
	<b>VGW-01</b>	100	Clamp on plated steel guards
	<b>VGW-02</b>	200	
	<b>VGD-01</b>	100	Die cast aluminum guards with positive locking screws.
	<b>VGD-02</b>	200	

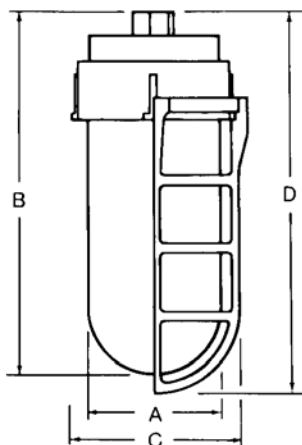
### Vaportight Boxes and Covers

	Cat. No.	Max. Watt	Description
	<b>LVX-1</b>	1/2"	Box, 3 1/2" diameter, 5 tapped holes, 4 closure plugs with cast mounting lugs
	<b>LVX-2</b>	3/4"	
	<b>V-B</b>	none	Blank Cover 3 1/2" diameter

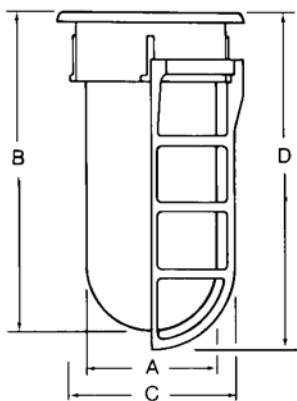
# Red•Dot®

## Industrial Vaportight Lighting

Pendant Mount (VKG)



Ceiling Mount (VAG)



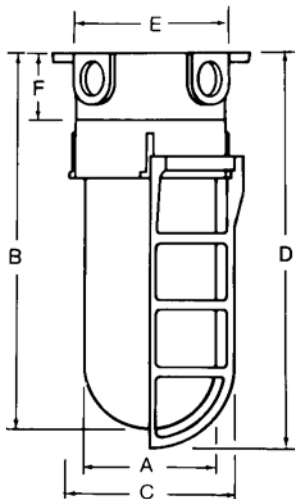
### VKG

Cat. No.	A	B
VKG-11	3 $\frac{3}{8}$	8 $\frac{3}{16}$
VKG-21	3 $\frac{3}{8}$	8 $\frac{3}{16}$
VKG-12	4 $\frac{3}{8}$	10 $\frac{1}{8}$
VKG-22	4 $\frac{3}{8}$	10 $\frac{1}{8}$
Cat. No.	C	D
VKG-11-C	4 $\frac{1}{16}$	8 $\frac{3}{4}$
VKG-21-C	4 $\frac{1}{16}$	8 $\frac{3}{4}$
VKG-12-C	5 $\frac{1}{4}$	10 $\frac{5}{8}$
VKG-22-C	5 $\frac{1}{4}$	10 $\frac{5}{8}$

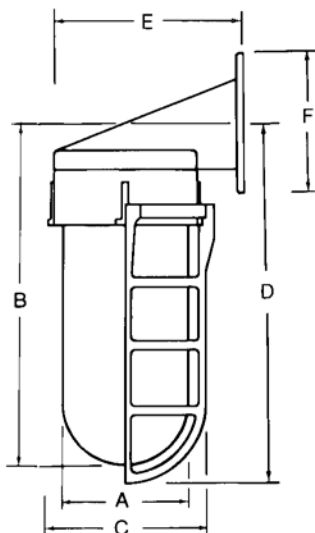
### VAG

Cat. No.	A	B
VAG-01	3 $\frac{3}{8}$	7 $\frac{7}{16}$
VAG-02	4 $\frac{3}{8}$	9 $\frac{3}{8}$
Cat. No.	C	D
VAG-01-C	4 $\frac{1}{16}$	7 $\frac{15}{16}$
VAG-02-C	5 $\frac{1}{4}$	9 $\frac{13}{16}$

Ceiling Mount Cross Feed (VXG)



Wall Mount (VWG)



### VXG

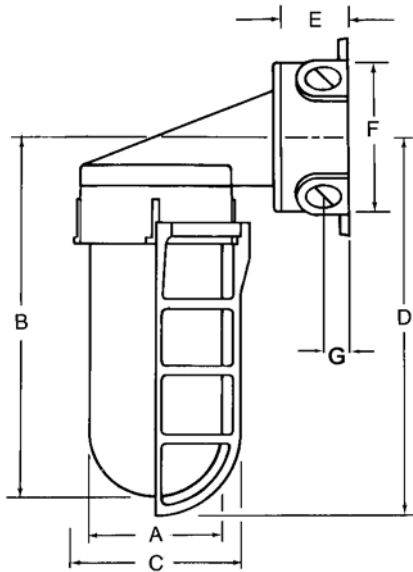
Cat. No.	A	B	E	F
VXG-11	3⅜	81⅜	3½	1⅝
VXG-21	3⅜	81⅜	3½	1⅝
VXG-12	4⅜	10¾	3½	1⅝
VXG-22	4⅜	10¾	3½	1⅝
Cat. No.	C	D		
VXG-11-C	4⅞	9⅝		
VXG-21-C	4⅞	9⅝		
VXG-12-C	5¼	11⅞		
VXG-22-C	5¼	11⅞		

### VWG

Cat. No.	A	B	E	F
VWG-01	3⅜	8⅞	4¾	3½
VWG-02	4⅜	10⅜	5¾	3½
Cat. No.	C	D		
VWG-01-C	4⅛	8⅝		
VWG-02-C	5¼	10⅜		

**Thomas & Betts**

Wall Mount Cross Feed (VXWG)

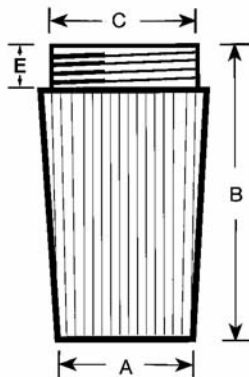
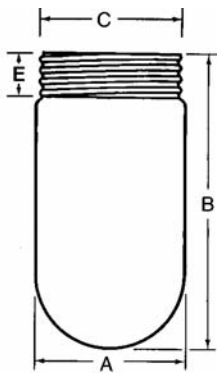


### VXWG

Cat. No.	A	B	C	D	E	F	G	H	I	J	CI
VXWG-11	3 <sup>3</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>16</sub> "			1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-21	3 <sup>3</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>16</sub> "			1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-12	4 <sup>3</sup> / <sub>8</sub> "	10 <sup>3</sup> / <sub>8</sub> "			1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-22	4 <sup>3</sup> / <sub>8</sub> "	10 <sup>3</sup> / <sub>8</sub> "			1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-11-C	3 <sup>3</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>16</sub> "	4 <sup>1</sup> / <sub>16</sub> "	8 <sup>15</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-21-C	3 <sup>3</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>16</sub> "	4 <sup>1</sup> / <sub>16</sub> "	8 <sup>15</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-12-C	4 <sup>3</sup> / <sub>8</sub> "	10 <sup>3</sup> / <sub>8</sub> "	5 <sup>3</sup> / <sub>16</sub> "	10 <sup>13</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
VXWG-22-C	4 <sup>3</sup> / <sub>8</sub> "	10 <sup>3</sup> / <sub>8</sub> "	5 <sup>3</sup> / <sub>16</sub> "	10 <sup>13</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "					
LVX-1					1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	5 <sup>5</sup> / <sub>8</sub> "	5"	4 <sup>7</sup> / <sub>16</sub> "	2 <sup>13</sup> / <sub>16</sub> "	10.3
LVX-2					1 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	5 <sup>5</sup> / <sub>8</sub> "	5"	4 <sup>7</sup> / <sub>16</sub> "	2 <sup>13</sup> / <sub>16</sub> "	10.3

Threaded Glass Globe (VGL)

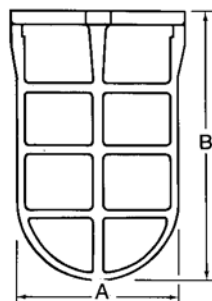
Threaded Glass Plastic Globe (VGL, VGLL)



### VGL

Cat. No.	A	B	C	D	E	I.D
VGL-01series	3 <sup>3</sup> / <sub>8</sub> "	6 <sup>11</sup> / <sub>16</sub> "	3 <sup>5</sup> / <sub>16</sub> "	1"		21 <sup>1</sup> / <sub>16</sub> "
VGL-02 series	4 <sup>3</sup> / <sub>8</sub> "	8 <sup>3</sup> / <sub>8</sub> "	4 <sup>5</sup> / <sub>16</sub> "	1"		31 <sup>1</sup> / <sub>16</sub> "
VGLL-01	3 <sup>11</sup> / <sub>16</sub> "	5 <sup>15</sup> / <sub>16</sub> "	3 <sup>3</sup> / <sub>8</sub> "		7 <sup>5</sup> / <sub>8</sub> "	2 <sup>7</sup> / <sub>8</sub> "
VGLL-02	4 <sup>11</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>4</sub> "	4 <sup>3</sup> / <sub>8</sub> "		7 <sup>5</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>8</sub> "
VGLA-A1	3 <sup>11</sup> / <sub>16</sub> "	5 <sup>15</sup> / <sub>16</sub> "	3 <sup>3</sup> / <sub>8</sub> "		7 <sup>5</sup> / <sub>8</sub> "	2 <sup>7</sup> / <sub>8</sub> "
VGLA-R1	3 <sup>11</sup> / <sub>16</sub> "	5 <sup>15</sup> / <sub>16</sub> "	3 <sup>3</sup> / <sub>8</sub> "		7 <sup>5</sup> / <sub>8</sub> "	2 <sup>7</sup> / <sub>8</sub> "

Guards (VGD, VGW)



### VGD, VGW

Cat. No.	A	B
VGD-01	4 <sup>1</sup> / <sub>16</sub> "	7"
VGD-02	5 <sup>5</sup> / <sub>16</sub> "	8 <sup>5</sup> / <sub>8</sub> "
VGW-01	4 <sup>1</sup> / <sub>16</sub> "	6 <sup>7</sup> / <sub>8</sub> "
VGW-02	5 <sup>5</sup> / <sub>16</sub> "	8 <sup>3</sup> / <sub>4</sub> "

# Red•Dot®

## Cross Reference

### Ceiling Mount

red•dot	Stonco	Killark	Appleton	Crouse Hinds
VA-01	VK1	VFC-100	JB1-A	VXH15
VA-02	VK2	VFC-200	JB1-A	VXH12
VAG-01	VK1K	VOB-100	JB10-A	—
VAG-02	VK2K	VOB-200	JB20-A	—
VAG-01-C	VK1GC	VOBG-100	JB10G-A	VXH15GP
VAG-02-C	VK2GC	VOBG-200	JB20G-A	VXH12GP

### Ceiling Mount Cross-Feed

red•dot	Stonco	Killark	Appleton	Crouse Hinds
VX-11	VCXL11	VXA-1 VGX-1	VXHA50-A VC50-A V50-A	VXHF15 V175 VC175
VX-21	VK1+VXL13	VXA-2 VGX-2	VXHA75-A VC75-A V75-A	VXHF25 V275 VC275
VX-12	VCXL21	VXA-1 VGX-1	VXHA50-A VC50-A V50-A	VXHF12
VX-22	VK2+VXL13	VXA2 VGX-2	VXHA75-A VC75-A V75-A	VXHF22
VXG-11	VCXL11K	VXAG-110 VUXV-1-100 VUCG-1-100 VUHG-1-100	VXHA1050-A VC1050-A V1050-A	—
VXG-21	VK1K+VXL13	VXAG-210 VUXG-2-100 VUCG-2-100 VUHG-2-100	VXHA1075-A VC1075-A V1075-A	—
VXG-12	VCXL21K	VXAG-120 VUXG-1-200 VUCG-1-200 VUHG-1-200	VXHA2050-A VC2050-A V2050-A	—
VXG-22	VK2K+VXL13	VXAG-220 VUXG-2-200 VUCG-2-200 VUHG-2-200	VXHA2075-A VC2075-A V2075-A	—
VXG-11-C	VCXL11GC	VXAGG-110 VUXGG-1-100 VUCGG-1-100 VUHGG-1-100	VXHA1050G-A VC1050G-A V1050G-A	VXHF15GP V1759 VC1759
VXG-21-C	VK1GC+VXL13	VXAGG-210 VUXGG-2-100 VUCGG-2-100 VUHGG-2-100	VXHA1075G-A VC1075G-A V1075G-A	VXHF25GP V2759 VC2759
VXG-12-C	VCXL21GC	VXAGG-120 VUXGG-1-200 VUCGG-1-200 VUHGG-1-200	VXHA2075G-A VC2050G-A V2050G-A	VXHF12GP
VXG-22-C	VK2GC+VXL13	VXAGG-220 VUXGG-2-200 VUCGG-2-200 VUHGG-2-200	VXHA2075G-A VC2075G-A V2075G-A	VXHF22GP

### Pendant Mount

red•dot	Stonco	Killark	Appleton	Crouse Hinds
VK-11	VP-11	VGA-1	VA50-A	VDA15, VDA175
VK-21	—	VGA-2	VA75-A	VDA25, VDA275
VK-12	VP21	VGA-1	VA50-A	VDA12
VK-22	—	VGA-2	VA75-A	VDA22
VKG-11	VP11K	VUAG-1-100	VA1050-A	—
VKG-21	—	VUAG-2-100	VA1075-A	—
VKG-12	VP21K	VUAG-1-200	VA2050-A	—
VKG-22	—	VUAG-2-200	VA2075-A	—
VKG-11-C	VP11GC	VUAGG-1-100	VA1050-G-A	VDA15GP
VKG-21-C	—	VUAGG-2-100	VA1075-G-A	VDA25GP
VKG-12-C	VP21GC	VUAGG-1-200	VA2050G-A	VDA12GP
VKG-22-C	—	VUAGG-2-200	VA2075G-A	VDA22GP

### Wall Mount

red•dot	Stonco	Killark	Appleton	Crouse Hinds
VW-01	VW1	VB-1	JBW1-A	VG175, VXHB15
VW-02	VW2	VB-2	JBW1-A	VXHB12
VWG-01	VW1K	VOBL-100	JBW10-A	—
VWG-02	VW2K	VOBL-200	JBW20-A	—
VWG-01-C	VW1GC	VOBLG-100	JBW10G-A	VG1759, VXHB15GP
VWG-02-C	VW2GC	VOBLG-200	JBW20G-A	VXHB12GP

### Wall Mount Cross-Feed

red•dot	Stonco	Killark	Appleton	Crouse Hinds
VXW-11	VWXL11	VB-1+VBC-1	—	VJ175, VXHF15
VXW-21	VW1+VXL13	VB-2+VBC-2	VGAT75-A	VJ275, VXHF25
VXW-12	VWXL21	VB-1+VBC-1	—	VXHF12
VXW-22	VW2+VXL13	VB-2+VBC-2	VGAT75-A	VXHF22
VXWG-11	VWXL11K	VOBL-100+VBC-1	—	—
VXWG-21	VW1K+VXL13	VOBL-200+VBC-2	VGAT1075-A	—
VXWG-12	VWXL21K	VOBL-100+VBC-1	—	—
VXWG-22	VW2K+VXL13	VOBL-200+VBC-2	VGAT2075-A	—
VXWG-11-C	VWXL11GC	VOBLG-100+VBC-1	—	VJ1759, VXHBF15GP
VXWG-21-C	VW1GC+VXL13	VOBLG-200+VBC-2	VGAT1075G-A	VJ2759, VXHBF25GP
VXWG-12-C	VWXL21GC	VOBLG-100+VBC-1	—	VXHBF12GP
VXWG-22-C	VW2GC+VXL13	VOBLG-200+VBC-2	VGAT2075G-A	VXHBF22GP

### Accessories

red•dot	Stonco	Killark	Appleton	Crouse Hinds
LVX-1	VXL1	VGH-1, VBC-1 VGX-1 VLJSX-1 VGC-1	JBX50L-A	VXFT10 VXF10
LVX-2	VXL13	VGH-2, VBC-2 VGC-2 VLJSX-2 VGC-2	JBX75L-A	VXFT20 VXF20
V-B	—	—	JBK-1B-CA	GRF10
V-1	—	—	JBK-50-A	GRF11
V-2	—	VG-2	—	GRF12
VGD-01	V131	VAG-100	VGU-1	V910, V911, P50
VGD-02	V132	VAG-200	VGU-2	P21
VGD-01	VGC100	VCG-100	VGL-1CL	G54
VGD-02	VGC200	VCG-200	VGL-2CL	G24
VGLA-01	VGA100	VAMG-100	VGL-1AM	VN76, G58
VGLA-02	VGA200	VAMG-200	VGL-2AM	G28
VGLB-01	VGB100	VBG-100	VGL-1BL	VN73, G56
VGLB-02	VGB200	VBG-200	VGL-2BL	G26
VGLG-01	VGG100	VGG-100	VGL-1GR	VN72, G55
VGLG-02	VGG200	VGG-200	VGL-2GR	G25
VGLH-01	VGCH100	VCGP-100	VGL-1HR	V63, V183, G34, G251
VGLH-02	VGCH200	VCGP-200	VGL-2HR	V93
VGLR-01	VGR100	VRG-100	VGL-1RE	VN85, VN75, G57
VGLR-02	VGR200	VRG-200	VGL-2RE	G27
VGLL-01	VPRC5	VPLCG-100	—	V470
VGLL-02	VPRC10	VPLCG-200	—	G63
VGLA-A1	—	—	—	G65
VGLA-R1	—	—	—	V475, G67
VGW-01	V127	—	VWG-1	—
VGW-02	V128	—	VWG-2	—

Thomas & Betts



IH3-1-LM



2IH5-1



CCD



2CCTS

### 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 call backs.

### 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:

- Aluminum lacquer finish.

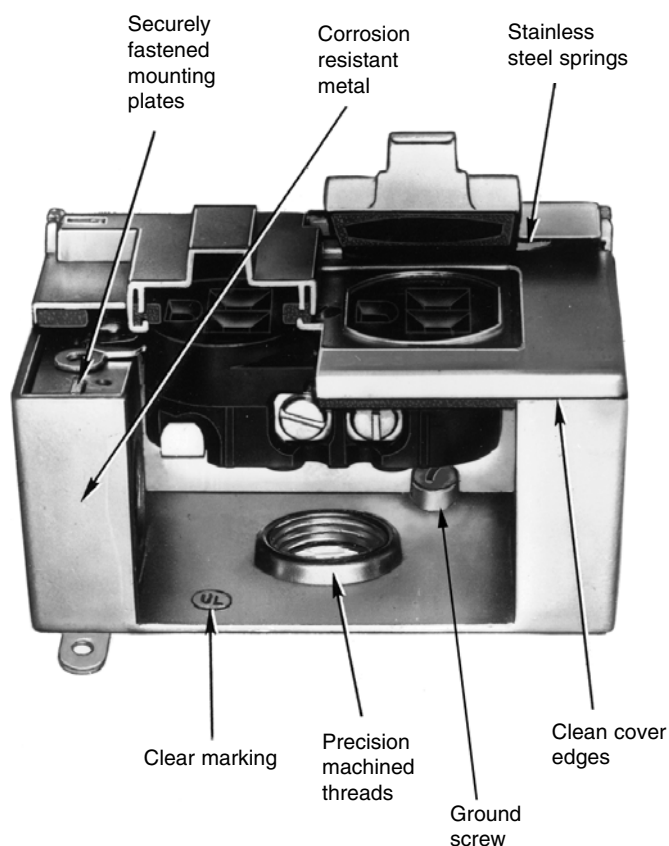
### Compliances:

- UL Listed.
- 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 aluminum lacquer. Universal device boxes And covers shall be Red•Dot® Catalog No. \_\_\_\_\_

\*\*Consult factory for lead time and minimum quantity.










## Dry-tite® Universal Boxes








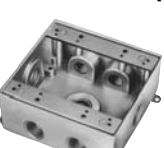
### Single Gang

	Cat. No.	Hub Size	Color	Outlets
<b>Three Outlets</b>				
	IH3-1	1/2"	Silver	Top 1
	IH3-2	3/4"	Silver	Bottom 1
	IH3-1-LM•	1/2"	Silver	Back 1
	IH3-2-LM•	3/4"	Silver	Back 1
	<b>D-PAK® *</b>			<b>Total 3</b>
	DIH3-1-LM•	1/2"	Silver	
	DIH3-1-LM-BR•	1/2"	Bronze	
	DIH3-1-LM-WH•	1/2"	White	
	DIH3-2-LM•	3/4"	Silver	
	DIH3-3-LM	1"	Silver	
<b>Four Outlets</b>				
	IH4-1	1/2"	Silver	Top 2
	IH4-2	3/4"	Silver	Bottom 1
	IH4-1-LM•	1/2"	Silver	Back 1
	IH4-2-LM•	3/4"	Silver	Back 1
	<b>D-PAK® *</b>			<b>Total 4</b>
	DIH4-1-LM•	1/2"	Silver	
	DIH4-1-LM-BR•	1/2"	Bronze	
	DIH4-1-LM-WH•	1/2"	White	
	DIH4-2-LM•	3/4"	Silver	
<b>Five Outlets</b>				
	IH5-1	1/2"	Silver	Top 2
	IH5-2	3/4"	Silver	Bottom 2
	IH5-1-LM•	1/2"	Silver	Back 1
	IH5-2-LM•	3/4"	Silver	Back 1
	<b>D-PAK® *</b>			<b>Total 5</b>
	DIH5-1-LM•	1/2"	Silver	
	DIH5-2-LM•	3/4"	Silver	
<b>Five Outlets (2 side)</b>				
	IH5S2-1•	1/2"	Silver	Top 1
	IH5S2-2•	3/4"	Silver	Bottom 1
				Side 1
				Side 1
				Back 1
				<b>Total 5</b>
<b>Six Outlets (3 side)</b>				
	IH6S2-1•	1/2"	Silver	Top 1
	IH6S2-2•	3/4"	Silver	Bottom 1
				Side 2
				Side 1
				Back 1
				<b>Total 6</b>

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.

### Two Gang


	Cat. No.	Hub Size	Outlets
<b>Three Outlets</b>			
	2IH3-1•	1/2"	Top 1
	2IH3-2•	3/4"	Bottom 1
			Back 1
	<b>D-PAK® *</b>		<b>Total 3</b>
	D2IH3-1	1/2"	
<b>Four Outlets</b>			
	2IH4-1•	1/2"	Top 2
	2IH4-2•	3/4"	Bottom 1
			Back 1
			<b>Total 4</b>
<b>Five Outlets</b>			
	2IH5-1•	1/2"	Top 2
	2IH5-2•	3/4"	Bottom 2
			Back 1
			<b>Total 5</b>
<b>Five Outlets (2 side)</b>			
	2IH5S2-1•	1/2"	Top 1
	2IH5S2-2•	3/4"	Bottom 1
			Side 1
			Side 1
			Back 1
			<b>Total 5</b>
<b>Seven Outlets</b>			
	2IH7-1•	1/2"	Top 3
	2IH7-2•	3/4"	Bottom 3
			Back 1
			<b>Total 7</b>
<b>Seven Outlets (2 side)</b>			
	2IH7S2-1•	1/2"	Top 2
	2IH7S2-2•	3/4"	Bottom 2
			Side 1
			Side 1
			Back 1
			<b>Total 7</b>


**NOTE:** Raintight when used with appropriate Red•Dot® covers. Boxes supplied with 2 closure plugs and ground screw.


- With mounting lugs


\* See Pages H48-H50 for complete D-PAK® assortment.

### Deep Boxes – Single Gang


	Cat. No.	Hub Size	Outlets
<b>Three Outlets</b> 	IHD3-1•	½"	Top 1
	IHD3-2•	¾"	Bottom 1
	IHD3-3•	1"	Back 1
			<b>Total 3</b>

<b>Four Outlets</b> 	IHD4-1•	½"	Top 2
	IHD4-2•	¾"	Bottom 1
			Back 1
			<b>Total 4</b>

<b>Two Gang</b> <b>Five Outlets</b> 	2IHD5-2•	¾"	Top 2
	2IHD5-3•	1"	Bottom 2
			Back 1
			<b>Total 5</b>


<b>Three Gang</b> <b>Seven Outlets</b> 	3IHD7-2•	¾"	Top 3
	3IHD7-3•	1"	Bottom 3
			Back 1
			<b>Total 7</b>


### Mounting Lugs


	Cat. No.	Description
	LM	2 mounting lugs with self tapping screws. For LM boxes only


- With mounting lugs

### Extensions – Single Gang


	Cat. No.	Hub Size	Outlets	Description
<b>No Outlets</b> 	IHE	N/A	0	Extension ring for one gang box with gasket and screws

<b>Four Outlets</b> 	IHE4-1	½"	Top 2	Four hole extension ring for one gang box with 4 plugs, gasket and screws
			Bottom 2	
			<b>Total 4</b>	


<b>Two Outlets, Flanged</b> 	IHEF2-1	½"	Top 1	<b>Add-On</b> 2 Hole flanged box extension adapter with one plug gasket and screws
	IHEF2-2	¾"	Bottom 1	
			<b>Total 2</b>	

<b>Six Outlets, Flanged</b> 	IHEF6S2-1	½"	Top 2	<b>Add-On</b> 6 Hole flanged box extension adapter with four plug gasket and screws
	IHEF6S2-2	¾"	Bottom 2	
			Side 1	
			Side 1	
			<b>Total 6</b>	

### Two Gang


	Cat. No.	Hub Size	Outlets	Description
<b>No Outlets</b> 	2IHE	N/A	0	Extension ring for two gang boxes with gasket and screws

### Round

	Cat. No.	Hub Size	Outlets	Description
<b>Four Outlets</b> 	SE-47	½"	4	Round extension with gasket and screws
	SE-48	¾"		


### Single Gang Device Covers


	Cat. No.	Color	Description
	<b>Duplex receptacle cover, horizontal</b>		
	CCD	Silver	Device mount
	<b>D-PAK® *</b>		
	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

	<b>Duplex receptacle cover, vertical</b>		
	CCDV	Silver	Device mount
	CCDV-L	Silver	Device mount with lock option
	<b>D-PAK® *</b>		
	DCDV	Silver	Device mount
	DCDV-BR	Bronze	Device mount
	DCDV-WH	White	Device mount

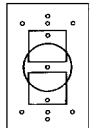
	<b>GFCI receptacle cover, horizontal</b>		
	CCG	Silver	Device mount
	<b>D-PAK® *</b>		
	DCCG	Silver	Device mount
	DCCG-BR	Bronze	Device mount
	DCCG-WH	White	Device mount

	<b>GFCI receptacle cover, vertical</b>		
	CCGV	Silver	Device mount
	CCGV-L	Silver	Device mount with lock option
	<b>D-PAK® *</b>		
	DCGV	Silver	Device mount
	DCGV-BR	Bronze	Device mount
	DCGV-WH	White	Device mount

	<b>Single receptacle cover, horizontal</b> - 1.485" Diameter Opening		
	CCS	Silver	Device mount


	<b>Single receptacle cover, vertical</b> - 1.59" Diameter Opening		
	CCSV	Silver	Device mount
	CCSV-L	Silver	Device mount with lock option
	<b>CCPO</b>	Silver	Power outlet cover with 2.156" diameter opening. Box mount.


### Single Gang Gaskets

	Cat. No.	Color	Description
	CCK	Black	Neoprene
	CCSK	Black	Neoprene

	Cat. No.	Color	Description
	<b>Single Receptacle Cover, vertical</b> - 1.59" Opening		
	CCSV-TL	Silver	Device mount




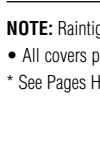


	<b>Motor base plug and cover, horizontal</b>		
	CCMB	Silver	Device mount 15A-125V motor base plug

	<b>Switch cover only</b>		
	CCT	Silver	Device mount switch cover only, packed with spacers and screws

	<b>Switch cover with switch</b>		
	CCT-1	Silver	Single pole 15A, 125V
	CCT-1-20	Silver	Single pole 20A, 120-277V
	CCT-2-20	Silver	Double pole 20A, 120-277V
	CCT-3	Silver	All with spacers and screws 3-way switch 15A, 125V

### Single Gang Lampholder Covers


	Cat. No.	Cat. No.	Size	Description
	Standard (2 13/16" x 4 1/2")	Jumbo (3 3/8" x 5 1/8")		
	LC-11	LF11	1/2"	One hole Device mount.
	LC-21	—	1/2"	Two holes. Device mount.
	LC-31	LF31	1/2"	Three holes. Device mount.
	<b>D-PAK® *</b>			
	Cat. No.	Color	Size	Description
	DLC-31	Silver	1/2"	Three holes Device mount
	DLC-31-BR	Bronze	1/2"	Three holes Device mount
	DLC-31-WH	White	1/2"	Three holes. Device mount

**NOTE:** Raintight when used with appropriate Red•Dot® boxes

• All covers packed with gasket and screws


\* See Pages H48-H50 for complete D-PAK® assortment


### Two Gang Device Covers

	Cat. No.	Description
	2CCD	Device mount
	2CCD-L	Device mount with lock option

	2CCG	Device mount
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	2CCDG	Device mount
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	2CCS	Device mount
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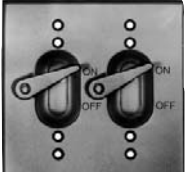
	2CCSD	Device mount
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	2CCSG	Device mount
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**NOTE:** Raintight when used with appropriate Red•Dot® boxes.

All covers packed with gasket and screws.


\* See Pages H48-H50 for complete D-PAK® assortment

	Cat. No.	Description
	2CCT	Cover only, packed with spacers
	2CCT-1	Cover with two single pole 15A, 125V switches and spacers

	2CCTD	Cover only, packed with spacers
	2CCTD-1	Cover with one switch single pole 15A, 125V and one duplex receptacle and spacers

	2CCTG	Device mount cover only with spacers
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### Dry-tite® Blank Covers

	Cat. No.	Color	Description
	CCB	Silver	Device mount
	CCB-FS	Silver	Box mount
	<b>D-PAK® *</b>		
	DCCB	Silver	Device mount
	DCCB-BR	Bronze	
	DCCB-WH	White	

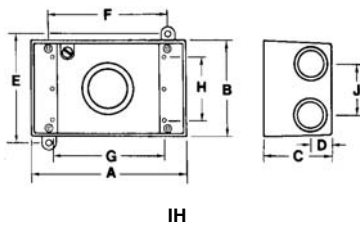
	2CCB	Silver	Device mount
	2CCB-FS	Silver	Box mount
	<b>D-PAK® *</b>		
	D2CCB	Silver	Device mount

	3CCB	Silver	Box mount
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# Red•Dot®

## Dry-tite® Universal Boxes

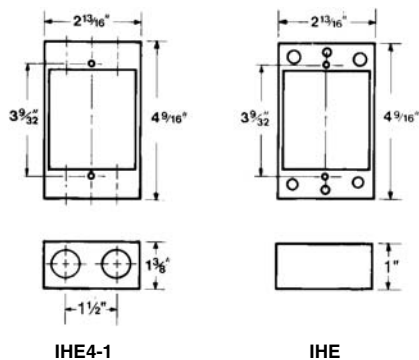
### Single Gang Boxes



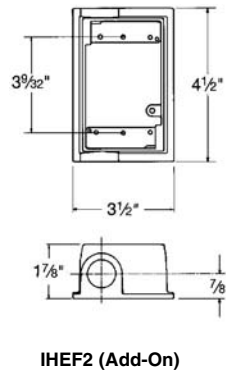
### Single Gang Boxes

Cat. No.	Hub Size	A	B	C	D	E	F	G	H	J	CI
IH	1/2"	4 9/16	2 13/16	2	5/8			3 1/4	1 7/8	1 1/2	17.3
IH	3/4"	4 9/16	2 13/16	2	5/8			3 1/4	1 7/8	1 1/2	17.0
IH-LM	1/2"	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	17.3
IH-LM	3/4"	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	17.0
IH-S	1/2"	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	17.0
IH-S	3/4"	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	17.0
IHD	1/2"	4 9/16	2 13/16	2 5/8	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	24.8
IHD	3/4"	4 9/16	2 13/16	2 5/8	5/8	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	24.8
IHD	1"	4 9/16	2 13/16	2 5/8	3/4	3 13/16	3 1/2	3 1/4	1 7/8	1 1/2	23.5

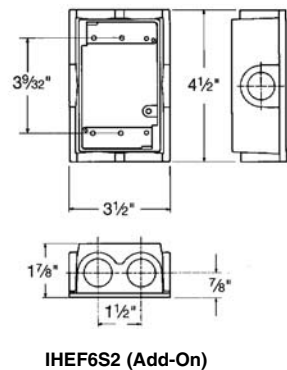
### Single Gang Extension Rings



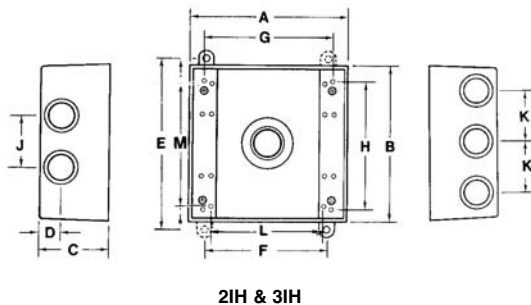
### Two Hole Flanged Box Extension Adapter



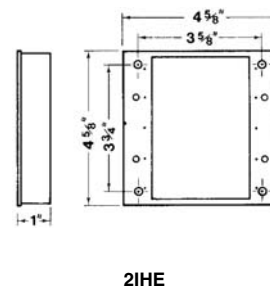
### Six Hole Flanged Box Extension Adapter



### Two and Three Gang Boxes



### Two Gang Extension Ring



### Two and Three Gang Boxes

Cat. No.	A	B	C	D	E	F	G	H	J	K	L	M	CI
2IH3	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4			3 1/4	3 3/16	31.8
2IH4	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4	1 1/2		3 1/4	3 3/16	31.8
2IH5	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4	1 1/2		3 1/4	3 3/16	31.8
2IH5S2	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4			3 1/4	3 3/16	31.8
2IH7	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4		1 1/2	3 1/4	3 3/16	30.3
2IH7S2	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 11/16	3 3/4	1 1/2		3 1/4	3 3/16	32.0
2IHD5	4 9/16	4 5/8	2 1/16	3/4	5	3 1/2	3 11/16	3 3/4	1 13/16		3 1/4	3 3/16	40.3
3IHD7	4 9/16	6 7/16	2 1/16	1 3/16	6 3/16	3 1/2	3 1/4	5 5/8		1 13/16	3 1/4	3 3/16	54.8

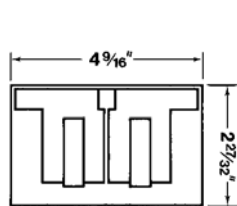
Thomas & Betts



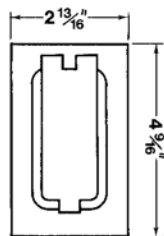
# Red•Dot®

## Dry-tite® Universal Boxes

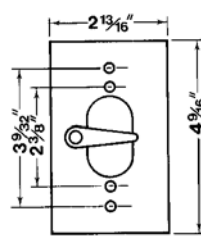
### Single Gang Covers



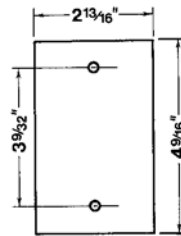
CCD



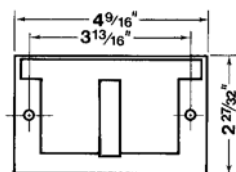
CCDV AND CCGV



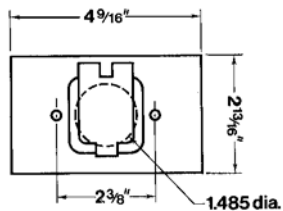
CCT



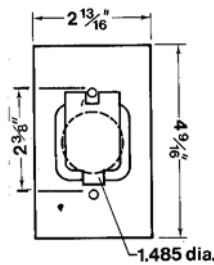
CCB



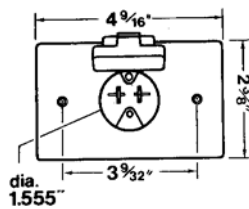
CCG



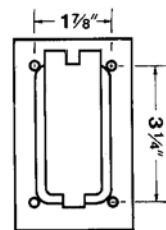
CCS



CCSV

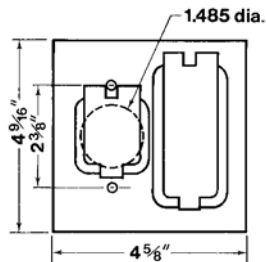


CCMB

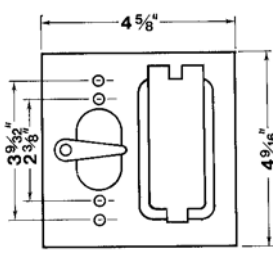


Typical FS Mount  
Hole Pattern

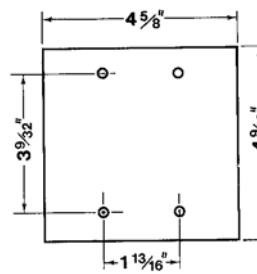
### Two and Three Gang Covers



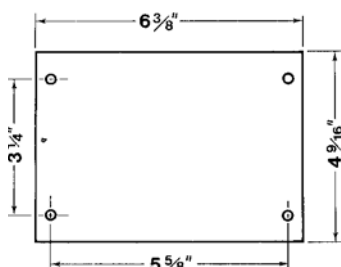
2CCSD and 2CCSG



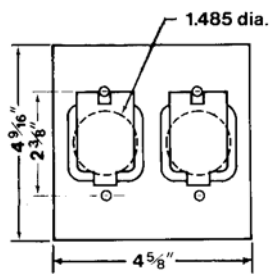
2CCTD



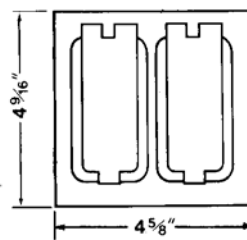
2CCB



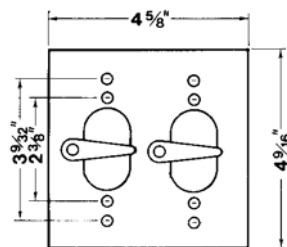
3CCB



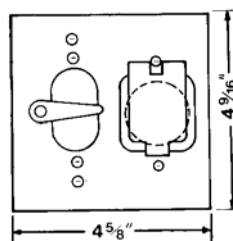
2CCS



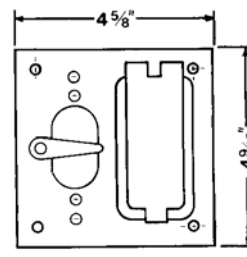
2CCD & 2CCG



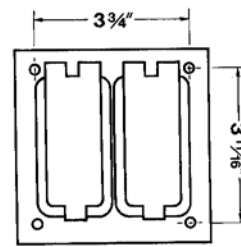
2CCT



2CCTS



2CCTG-FS



Typical FS Mount  
Hole Pattern

# Red•Dot®

## Code Keeper®



**Residential:** for holiday and landscape lighting, bug zappers, sprinkler systems.



**Commercial:** for vending machines, car washes, restaurant kitchens.



**Industrial:** for manufacturing areas, food processing, labs, loading docks.



**Recreational:** for pools and spas, athletic fields, golf courses.



### Wet or Dry, All Outlets Can Go Undercover with Code Keeper®

Code Keeper® weatherproof covers are required by the National Electric 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, washdown areas, loading docks.

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

The electrical code is the reason you need a wet location cover, but the reason 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 over half of a century.

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

The National Electric 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 Electric Code and are backed by a lifetime warranty.

Red•Dot's Code Keeper® wet location cover is NEMA 3R rated, UL Listed and CSA certified, and meets all the requirements of NEC Article 406.8(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.

#### National Electric Code Article: 406.8(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.

**CODE KEEPER®**  
THE WET LOCATION COVER

**Thomas & Betts**

## Code Keeper® Wet Location Covers



Single Gang  
Medium Horizontal



Single Gang  
Small Vertical



Single Gang  
Medium Vertical



Single Gang  
Large Vertical



Two Gang

### 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.
- Combination box or device mounting design provides flexibility in installation.
- Trilingual instructions help to make installation easy for everyone.

### Standard Materials:

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

### Standard Finish:

- Aluminum lacquer finish.

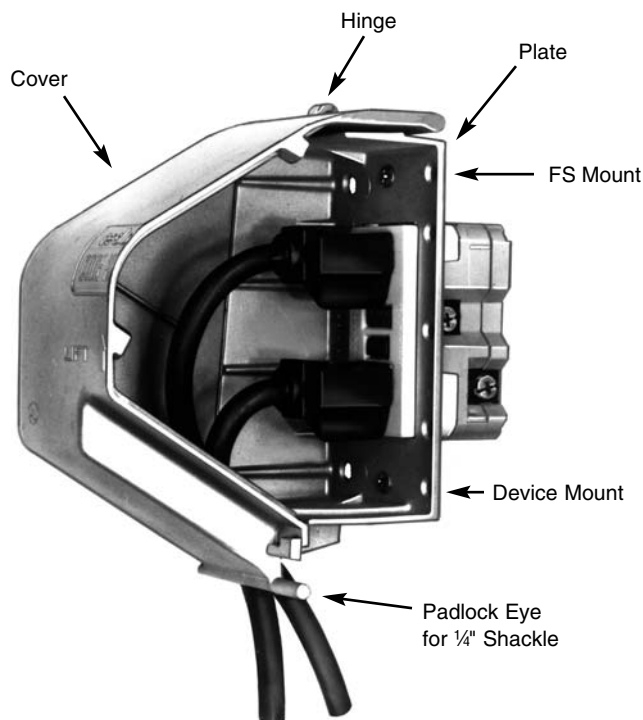
### Compliances:

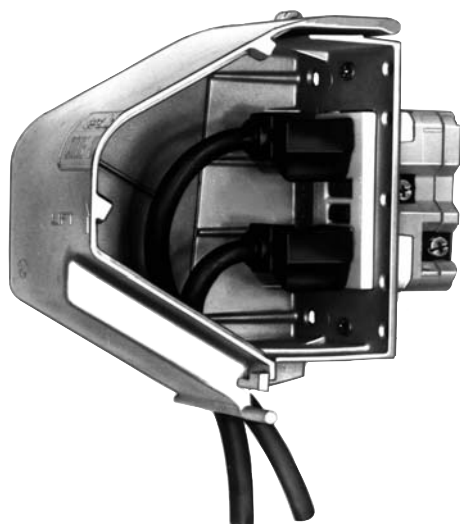
- NEC Article 406.8(B).
- UL Listed.
- CSA Certified.

### Sample Specifications:

- Code Keeper covers shall comply with NEC Article 406.8(b) and be die cast copper-free\* aluminum alloy A360. Covers shall be finished with aluminum lacquer.  
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 Article 406.8 (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 compiles with OSHA lockout/tagout requirements.
- Combination box or device mount design (for most styles).
- Powder coated finish.

### Single Gang

	Cat. No.	Description
	<b>Small Vertical Cover 2 1/4" Internal Depth</b>	
	CKSDV	Duplex receptacle cover
	CKSGV	GFCI receptacle cover
	<b>Medium Horizontal Cover 3 1/4" Internal Depth</b>	
	CKMD	Duplex receptacle cover
	CKMG	GFCI receptacle cover
	<b>Medium Vertical Cover 3 1/4" Internal Depth</b>	
	CKMDV	Duplex receptacle cover
	CKMGV	GFCI receptacle cover
	<b>Large Vertical Cover 4" Internal Depth</b>	
	CKLSVL	Single (1.594") receptacle, cover, box mount only
	CKLSVY	Single (1.745") receptacle, cover, box mount only
	<b>Large Vertical Cover 4" Internal Depth</b>	
	CKLSVXL	Single (2.125") receptacle, cover, box mount only

### Two Gang

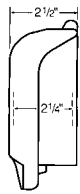
	Cat. No.	Description
	<b>Regular Cover 4" Internal Depth</b>	
	2CKD	Two duplex receptacle cover
	2CKDG	Duplex and GFCI receptacle cover
	2CKG	Two GFCI receptacle cover
	2CKS	Two single (1.438") receptacle cover
	2CKSD	Single (1.438") and duplex receptacle cover
	2CKSG	Single (1.438") and GFCI receptacle cover
	2CKTD	Toggle and duplex receptacle cover
	2CKTG	Toggle and GFCI receptacle cover
	2CKTS	Toggle and single (1.438") receptacle cover
	2CKTSY	Toggle and single (1.745") receptacle cover
	2CK1DV*	One duplex vertical receptacle cover
	2CK1GV*	One GFCI vertical receptacle cover
	2CK1SM*	One single (2.656") receptacle cover, box mount only
	2CK1SXL*	One single (2.125") receptacle cover, box mount only
	2CK1SV*	One single (1.438") receptacle cover

**NOTE:** Dry-Tite® covers packed with gasket and screws.

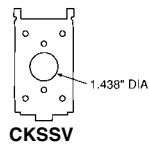
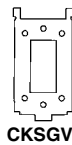
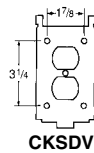
\* Can be used to cover one receptacle with an oversized wall opening.

## Code Keeper® Wet Location Covers

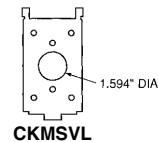
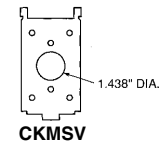
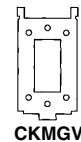
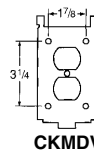
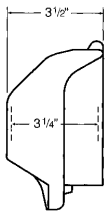
### Single Gang Vertical (Small)



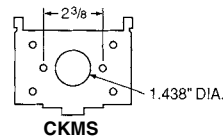
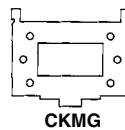
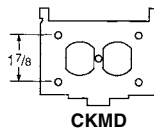
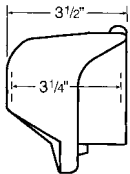
accepts most



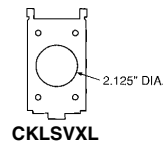
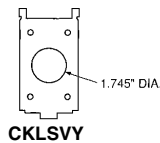
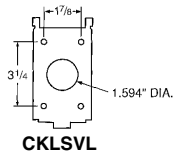
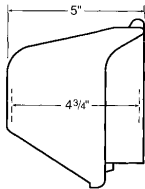
### Medium Vertical Covers



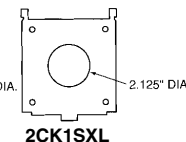
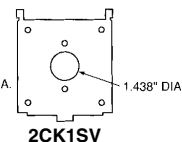
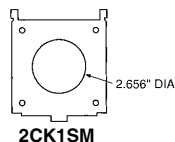
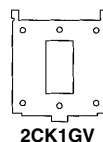
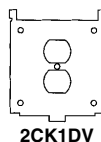
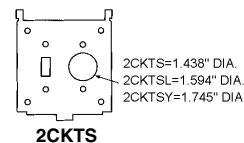
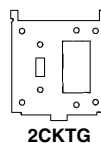
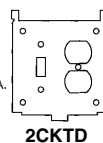
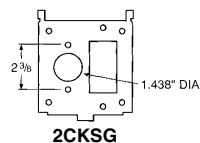
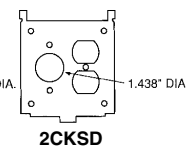
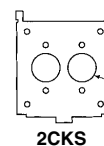
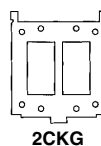
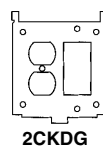
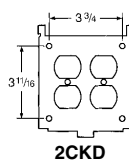
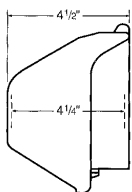
### Medium Horizontal Covers



### Large Vertical Covers



### Two Gang Covers





## Weatherproof Covers – While-In-Use Applications



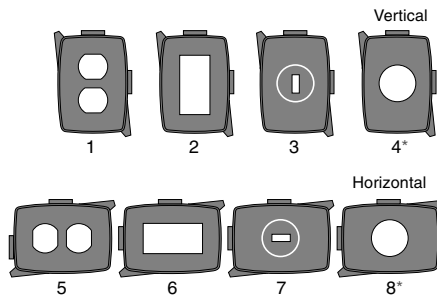
### Universal While-In-Use Covers

T&B's newest Universal While-In-Use covers keep out moisture and take the hassle and cost out of installation. Single or two-gang kits accommodate up to eight configurations each, and every cover is designed with a method

to secure using an external locking device\*. Perfect for all outdoor outlets including landscape lighting, lawn equipment, pool/hot tub pumps, and holiday lighting.

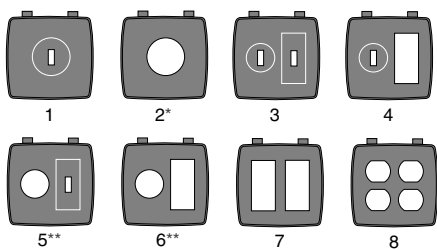
- Saves You Time – No inserts to slow you down, no labor intensive cutouts.
- Horizontal or vertical orientation
- Meets NEC 406.8(B) code requirements
- Lockable cover design for added security using external locking device
- High impact UV-resistant polycarbonate base construction
- Weatherproof, thermoplastic cover with transparent finish
- Accommodates GFCI, single and duplex receptacles, Toggle switches and single receptacles up to 1.59" diameter
- Mounts to a box or the device.
- All installation screws included.
- Great for retrofit applications. Device holes are keyed, so just back out the existing device screws and slip the cover over previously installed screws

#### Single Gang Base Options



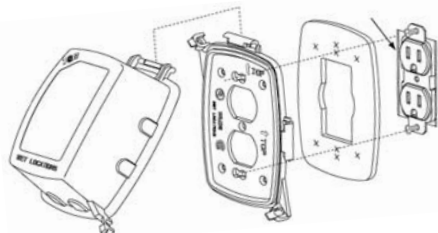
\*1.59" diameter fits up to 30 Amp twist lock receptacle.

#### Two Gang Base Options



\*2.125" diameter  
\*\*1.59" diameter

**Fast and Easy Installation.**  
Choose your base plate and secure to the device. Then snap on the lid, and you're done!



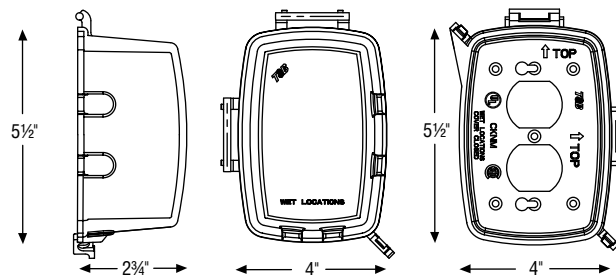
### Universal Nonmetallic While-In-Use Cover

Cat. No.	Description	Std. Ctn.
<b>CKNM</b>	Single gang duplex/GFCI/switch/single 1.59 – horizontal or vertical – pad lockable.	6
<b>2CKNM</b>	Two gang duplex/GFCI/switch/single 1.59 – horizontal or vertical – pad lockable.	4

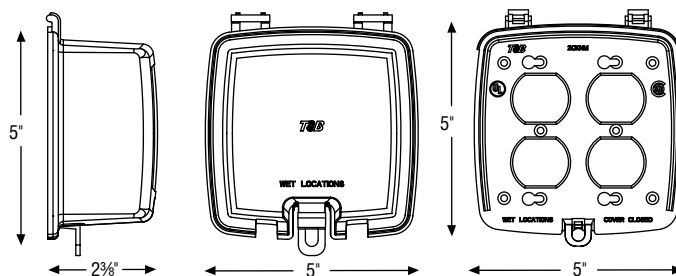
U.L. Listed  
CSA Certified

Cover ships as a vertical GFCI, the industries most commonly used version.

\* External locking device (such as a padlock) not supplied.



Single Gang (CKNM)



Two Gang (2CKNM)



## Dry-tite® Round Boxes, Extensions & Covers



S-47\*\*

### 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 allow 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:

- Aluminum lacquer 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 aluminum lacquer.

Outlet boxes and covers shall be Red•Dot®  
Catalog No. \_\_\_\_\_


\*Less than .004 copper content.


\*\* S Boxes - Die cast aluminum alloy A380



## Dry-tite® Round Boxes, Extensions & Covers




### Boxes

	Cat. No.	Color	Hub Size	Description
<b>Five Outlets, 4 1/4" Diameter</b>				
	<b>S-47</b>	Silver	1/2"	5 outlets, cast mounting lugs, 4 closure plugs
	<b>S-48</b>	Silver	3/4"	
	<b>D-PAK® *</b>			
	<b>DS-47</b>	Silver	1/2"	
	<b>DS-47-BR</b>	Bronze	1/2"	
	<b>DS-47-WH</b>	White	1/2"	
	<b>DS-48</b>	Silver	3/4"	
	<b>DS-48-BR</b>	Bronze	3/4"	
	<b>DS-48-WH</b>	White	3/4"	
	<b>DS-47-B</b>		1/2"	
	<b>DS-48-B</b>		3/4"	


<b>Seven Outlets, 4 1/4" Diameter</b>				
	<b>S-71</b>	Silver	1/2"	7 outlets, cast mounting lugs, 4 closure plugs

### Round Lampholder Covers

#### Standard Covers

	Cat. No.	Color	Hub Size	Description
<b>Gasket and Screws, 4 1/4" Diameter</b>				
	<b>S-1-RD</b>	Silver	1/2"	One tapped hole
	<b>S-12</b>	Silver	3/4"	One tapped hole
	<b>S-3-RD</b>	Silver	1/2"	Three tapped holes
<b>S-1</b>	<b>D-PAK® *</b>			
	<b>DSS-1</b>	Silver	1/2"	One tapped hole
	<b>DSS-1-BR</b>	Bronze	1/2"	One tapped hole
	<b>DSS-1-WH</b>	White	1/2"	One tapped hole
<b>S-12</b>	<b>DSS-3</b>	Silver	1/2"	Three tapped holes
	<b>DSS-3-BR</b>	Bronze	1/2"	Three tapped holes
	<b>DSS-3-WH</b>	White	1/2"	Three tapped holes
<b>S-3</b>				


### ROUND BLANK COVERS

	Cat. No.	Color	Description
<b>4 1/4" Diameter</b>			
	<b>SS-B</b>	Silver	Weatherproof cover with gasket and screws




**NOTE:** Boxes are Raintight when used with appropriate Red•Dot® boxes. All covers packed with gasket and screws.



\* See Pages H48-H50 for complete D-PAK® assortment

### Extensions

	Cat. No.	Color	Hub Size	Description
<b>Four Outlets, 4 1/4" Diameter</b>				
	<b>SE-47</b>	Silver	1/2"	4 outlets, 4 closure plugs, gasket and screws
	<b>SE-48</b>	Silver	3/4"	

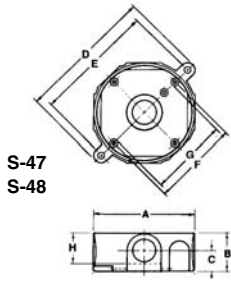
#### Jumbo Covers

	Cat. No.	Color	Hub Size	Description
<b>Gasket and Screws, 4 1/2" Diameter</b>				
	<b>SJ-11</b>	Silver	1/2"	One tapped hole
	<b>SJ-21</b>	Silver	1/2"	Two tapped holes
	<b>SJ-31</b>	Silver	1/2"	Three tapped holes

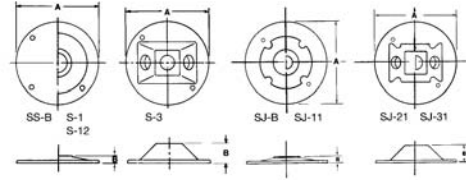
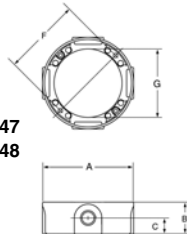
	Cat. No.	Color	Description
<b>5" Diameter</b>			
	<b>CCRSB</b>	White	Mounting holes 2 3/4" on center (not Raintight)
	<b>CCRB</b>	White	Mounting holes 3 1/2" on center (not Raintight)
	<b>D-PAK® *</b>		
	<b>DCCRB</b>	White	

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### Outlet Boxes, Extensions and Covers



SE-47  
SE-48



### S Series

Cat. No.	Hub Size	A	B	C	D	E	F	G	H	CI
S-47	1/2"	4 1/8	1 5/8	3/4	5 9/16	4 15/16	3 1/2	3 1/8	1 1/4	17.0
SE-47	1/2"	4 1/8	1 5/8	1 3/16			3 1/2	3 1/8		18.3
S-71	1/2"	4 1/8	1 5/8	3/4	5 9/16	4 15/16	3 1/2	3 1/8	1 1/4	16.3
S-48	3/4"	4 1/8	1 5/8	7/8	5 9/16	4 15/16	3 1/2	3 1/8	1 1/4	17.0
SE-48	3/4"	4 1/8	1 5/8	1 3/16			3 1/2	3 1/8		18.3
SS-B		4 1/8	3/64							
S-1	1/2"	4 1/8	1 3/32							
S-12	3/4"	4 1/8	3/8							
S-3	1/2"	4 1/8	1 1/16							
SJ-B		4 1/2	3/8							
SJ-11	1/2"	4 1/2	3/8							
SJ-21	1/2"	4 1/2	1							
SJ-31	1/2"	4 1/2	1							



## Dry-tite® Lampholders, Garden Lights & Accessories



L-80



L-80-D



L-800

### 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 which can be mounted easily in most places and can be aimed in any direction.

### Features/Benefits:

- Clean lines and precision manufacturing result in a fixture which will enhance any application.
- High-quality replaceable porcelain socket with high-temperature leads allow for easy field maintenance.
- Positive locking mounting arm keeps fixture in aimed position to reduce costly call-backs.
- 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:

- Aluminum lacquer finish.
- Chrome plated zinc.

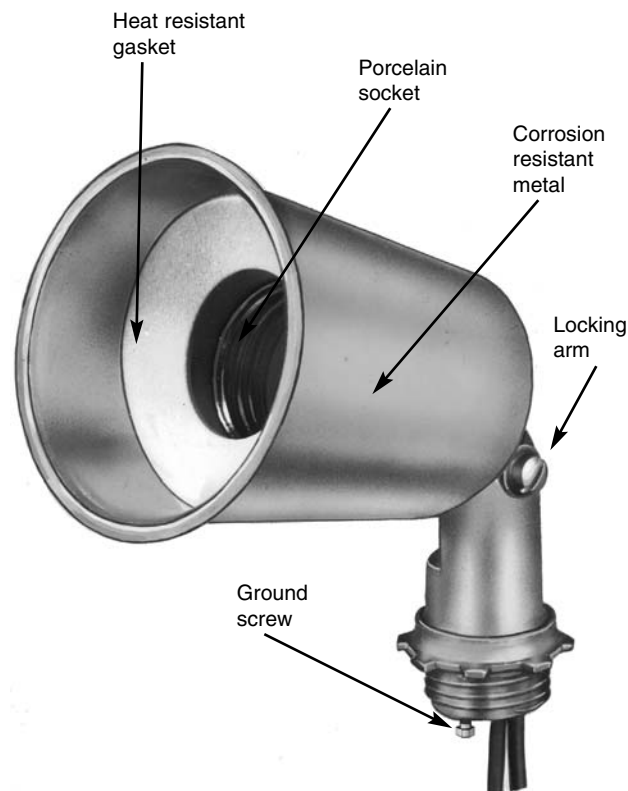
### Compliances

- 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.





### Lampholders, Die Cast Zinc Zamak 3

	Cat. No.	Color	Lamp Max.	Description
<b>Standard</b> 	<b>L-80</b>	Silver	150W • PAR 38 or R40	Inside gasket and ground screw
	<b>D-PAK® *</b>			
	<b>DL-80</b>	Silver		
	<b>DL-80-BR</b>	Bronze		
	<b>DL-80-WH</b>	White		
<b>Gasketed</b> 	<b>L-80-D</b>	Silver	150W • PAR 38 or R40	Heavy duty slip-on gasket and ground screw
<b>Deep-Shielded</b> 	<b>L-800</b>		150W • PAR 38 or R40	Inside gasket and ground screw
<b>Wireguard</b> 	<b>LG-80</b>			Mounts to L-80 series lampholders


### Decorative Floodlight

	Cat. No.	Color	Lamp Max.	Description
	<b>2L80D2</b>	White	150W • PAR 38 or R40	Two lampholders round cover, inside gaskets and ground screws
	<b>D-PAK® *</b>			
	<b>D2L80S3</b>	Silver		

### Portable Spotlights




	Cat. No.	Color	Lamp Max.	Description
	<b>K702</b>	Silver	150W • PAR 38 or R40	Standard lampholder, ground spike, wall bracket, gasket, and screws
	<b>K780</b>	Silver	150W • PAR 38 or R40	Deep-shielded lampholder, ground spike, wall bracket, gasket, and screws

### Compact Quartz Fixture

	Cat. No.	Color	Lamp Max.	Description
	<b>HV-250-CFBR</b>	Bronze	250W • Minican T4 quartz	Mighty Light® Heavy duty fixture includes mounting plate, wire nuts, and lamp

### Lampholder Covers

#### Single Gang Lampholder Covers

	Cat. No.	Cat. No.	Size	Description
 LC-11	<b>Standard</b> (2 1/16" x 4 1/2") <b>LC-11</b>	<b>Jumbo</b> (3 1/8" x 5 1/8") <b>LF11</b>	1/2"	One hole Device mount
	<b>LC-21</b>	—	1/2"	Two hole Device mount
	<b>LC-31</b>	<b>LF31</b>	1/2"	Three hole Device mount
 LC-21				
 LC-31	<b>D-PAK® *</b>			
	<b>DLC-31</b>	Silver	1/2"	Three hole Device mount
	<b>DLC-31-BR</b>	Bronze	1/2"	Three hole Device mount
	<b>DLC-31-WH</b>	White	1/2"	Three hole Device mount

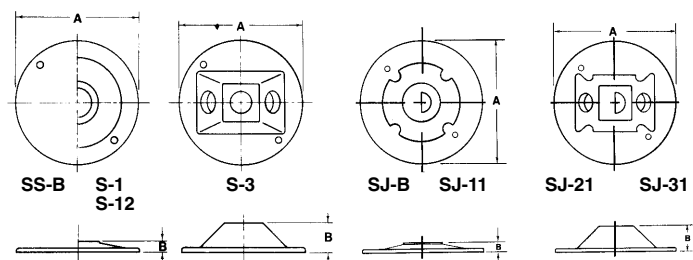
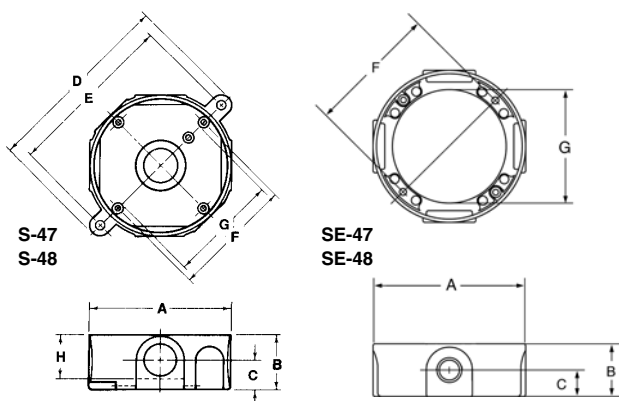
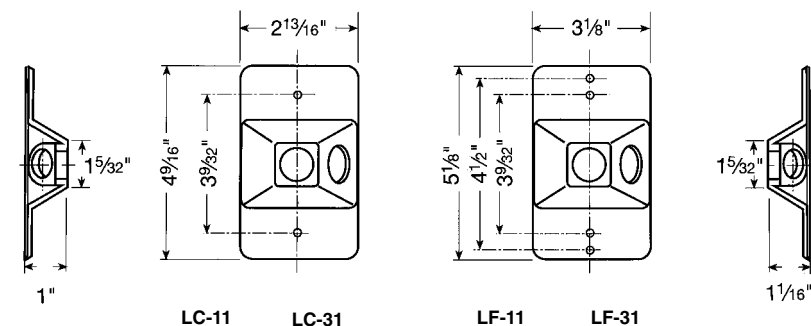
#### Round Lampholder Covers

	Cat. No.	Cat. No.	Size	Description
 S-1, SJ-11, S-12	<b>Standard</b> (4 1/8" diameter) <b>S-1-RD</b> <b>S-12</b> — <b>S-3-RD</b>	<b>Jumbo</b> (4 1/2" diameter) <b>SJ-11</b> — <b>SJ-21</b> <b>SJ-31</b>	1/2" 3/4" 1/2" 1/2"	One hole One hole Two holes Three holes
 SJ-21				
 S-3, SJ-31	<b>D-PAK® *</b>			
	<b>DSS-1</b>	Silver	1/2"	One hole tapped
	<b>DSS-1-BR</b>	Bronze	1/2"	One hole tapped
	<b>DSS-1-WT</b>	White	1/2"	One hole tapped
	<b>DSS-3</b>	Silver	1/2"	Three tapped holes
	<b>DSS-3-BR</b>	Bronze	1/2"	Three tapped holes
	<b>DSS-3-WT</b>	White	1/2"	Three tapped holes





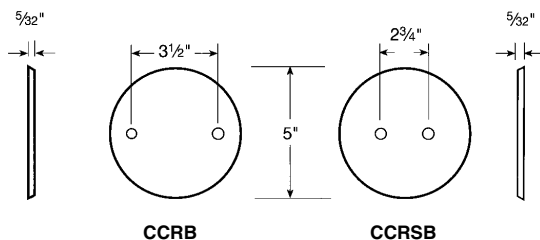
## Dry-tite® Lampholders, Garden Lights & Accessories



**H**  
Red•Dot®

### Dimensions in Inches

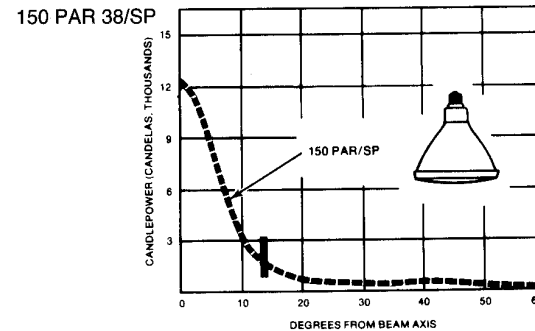
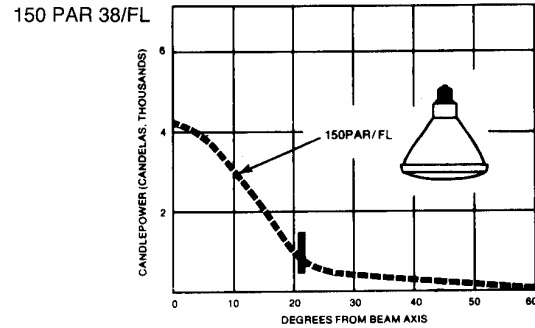
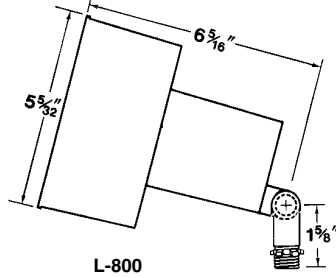
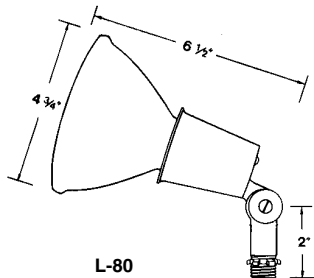
Cat. No.	Hub Size	A	B	C	D	E	F	G	H	CI
S-47	1/2"	4 1/8	1 5/8	3/4	5 5/16	4 15/16	3 1/2	3 1/8	1 1/4	16.0
SE-47	1/2"	4 1/8	1 5/8	1 3/16			3 1/2	3 1/16		18.3
S-71	1/2"	4 1/8	1 5/8	3/4	5 5/16	4 15/16	3 1/2	3 1/8	1 1/4	16.0
S-48	3/4"	4 1/8	1 5/8	7/8	5 5/16	4 15/16	3 1/2	3 1/8	1 1/4	16.0
SE-48	3/4"	4 1/8	1 5/8	1 3/16			3 1/2	3 1/16		18.3
SS-B		4 1/8	3/64							
S-1	1/2"	4 1/8	3/8							
S-12	3/4"	4 1/8	3/8							
S-3	1/2"	4 1/8	1							
SJ-B		4 1/2	3/8							
SJ-11	1/2"	4 1/2	3/8							
SJ-21	1/2"	4 1/2	1							
SJ-31	1/2"	4 1/2	1							



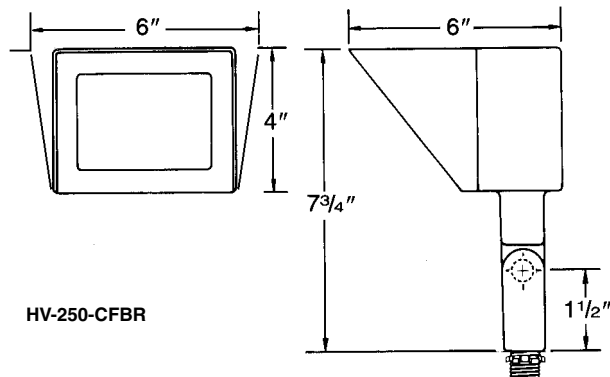
**Thomas & Betts**

### Photometrics

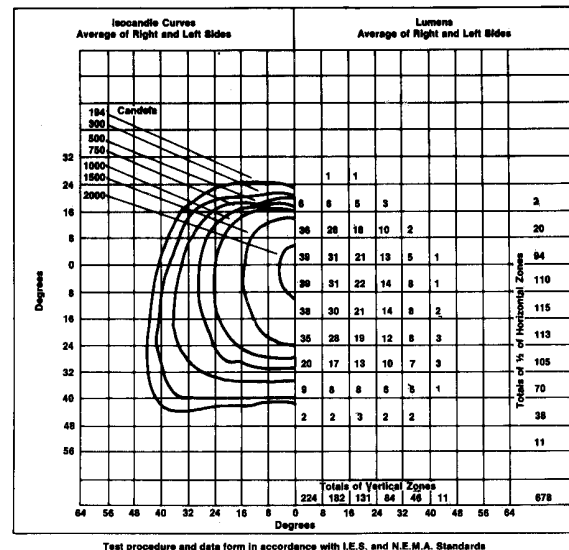
Photometrics are strictly a function of the lamp used.



### Mighty Lights®



\*Photometrics: Beam Spread Horizontal & Vertical 89° x 66°



\*Data based on 250 Watt, T-4 quartz lamp rated 4850 lumens and is applicable to HV-250-CFBR fixture.

### FOOT CANDLE FORMULA

$$\frac{\text{CANDELA}}{\text{DISTANCE}^2} = \text{LIGHT VALUE IN FOOT CANDLES AT A GIVEN DISTANCE FROM BULB}$$



## Dry-tite® Lampholders, Garden Lights & Accessories



### 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 allows for easy field maintenance.

### Standard Materials:

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

### Standard Finish:

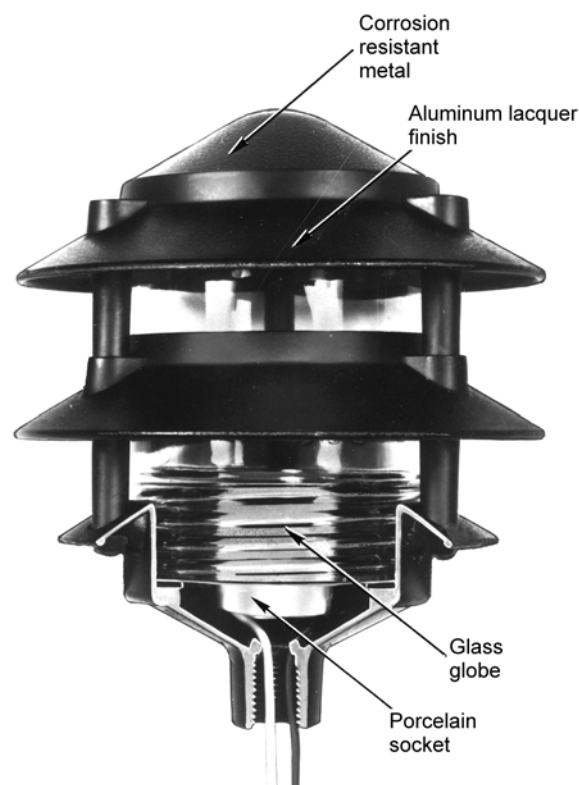
- Green aluminum lacquer finish.
- Bronze aluminum lacquer finish.

### Compliances:


- UL Listed.
- Suitable for use in Wet Locations.


### 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. \_\_\_\_\_



## Dry-tite® Garden Lights

Three Tier				
	Cat. No.	Color	Lamp Max.	Description
	K330 K330BR	Silver Bronze	75W•	12" extended leads, gasket and ground screw

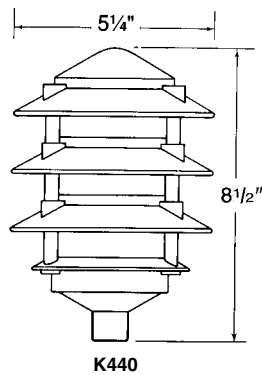
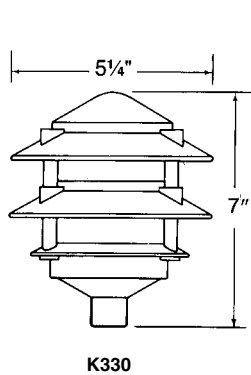
Four Tier				
	Cat. No.	Color	Lamp Max.	Description
	K440 K440BR	Silver Bronze	100W•	12" extended leads, gasket and ground screw

• Lamp not included

\* See Pages H48-H50 for complete D-PAK® assortment

**Thomas & Betts**

### Garden Lights



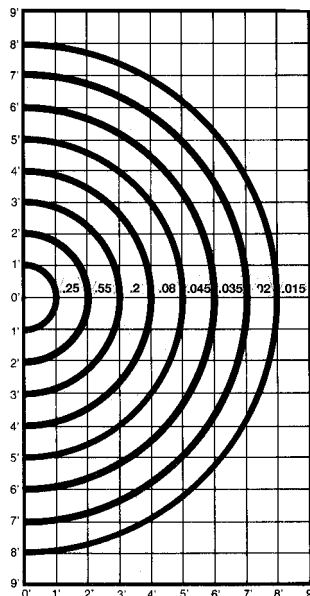
Red•Dot®

**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





# SiteLight

### Step up to 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 5 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.

SiteLights are permanent, all metal fixtures guaranteed for a lifetime.

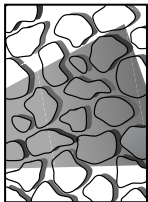
#### SiteLight Meets Every Outdoor Lighting Need

- 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.

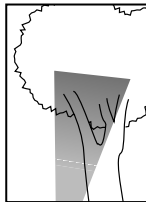
#### Planning your Outdoor Lighting

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.

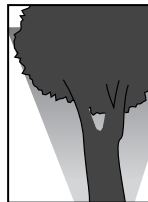
The diagrams below show how you can achieve 3 special lighting effects with SiteLight **Spot Lights** and **Swivel Lights**.



**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.

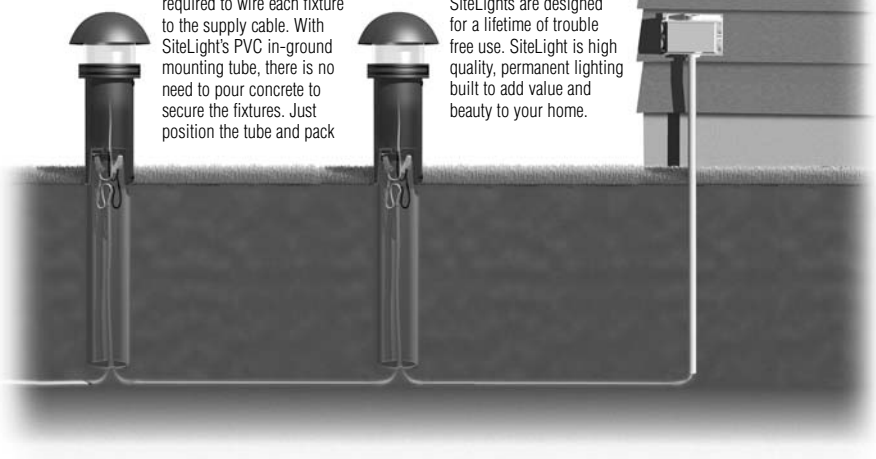
Bright & Even	Medium Dappled	Soft Mood
8' - 10'	12' - 18'	Over 20'

#### We've Made Installation Easy

Everything you need is included in the SiteLight® Kit except a bulb, supply cable and tools (screw-driver, wire strippers, etc.). Only three connections are required to wire each fixture to the supply cable. With SiteLight's 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. Even tapping a power source is easy when you use SiteLight's Outside Outlet Power Hook-Up Kit (K800).

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





## SiteLight® Lampholders, Garden Lights & Accessories



K811BR



K822BR



K841BR



K861BR



K851BR



K852BR

### 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 allow safe, easy power connections.
- Tempered glass lens and silicon gaskets keep socket dry (K831BR, K841BR, K861BR).
- Positive locking arm can be adjusted to the desired position (K831BR, K841BR, K861BR).
- Fixtures use regular household voltage (120V) and standard indoor bulbs.

### Standard Materials:

- Fixture: Die cast aluminum alloy A360 with less than .004 copper content (copper-free).
- Lens: Tempered glass (K831BR, K841BR, K861BR).
- Lens: Polycarbonate (K811BR, K812BR, K821BR, K822BR, K851BR).
- Socket: Porcelain, center contact, brass screw shell, medium base (K811BR, K812BR, K821BR, K822BR, K831BR, K841BR, K861BR), molded plastic socket with candelabra base (K851BR and K852BR).
- Mounting Tube: Gray PVC, schedule 40 (ground installed fixtures).

### Standard Finish:

- Bronze aluminum lacquer finish.

### Compliances:

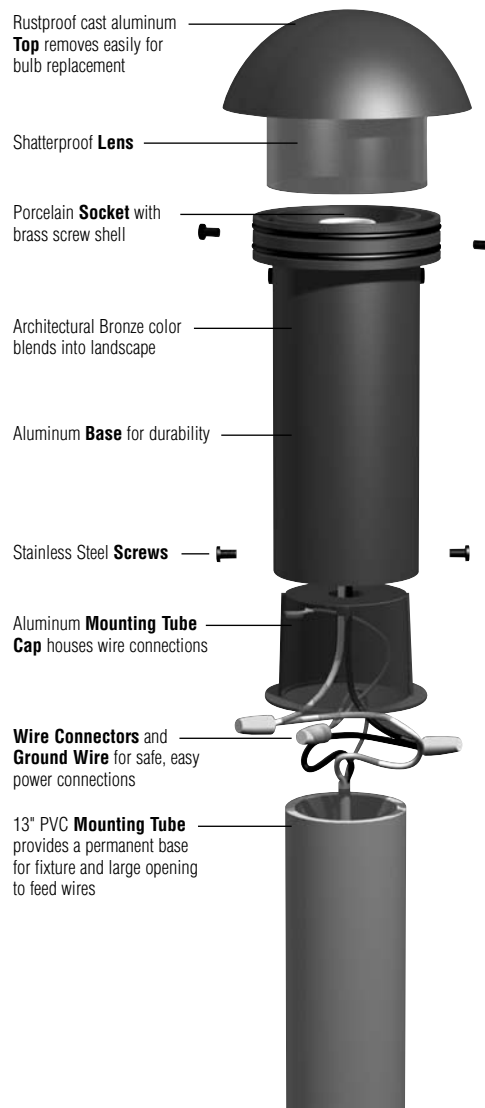
- UL Listed.
- Suitable for use in Wet Locations.
- Ground mounting (suitable for use 4' or less above grade level) except K852BR and K861BR.

### Sample Specifications:

- Fixture shall be die cast copper-free\* aluminum alloy A360, with bronze aluminum lacquer 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.

\*Less than .004 copper content.

### Quality Construction



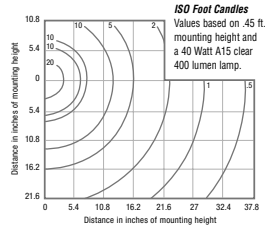
### Easy to Install:

- Only 3 wire connections per fixture are required.
- No need to pour concrete.
- All connections are made above ground.





**K811BR**



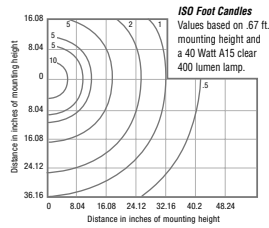
**7.5" Path Light**

### 7.5" Path Light

Cat. No.	Description	Lamp Required	Spacing
<b>K811BR</b>	7.5" 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.



**K812BR**



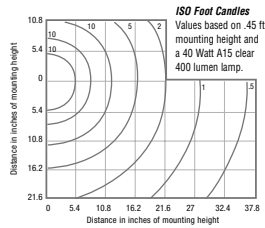
**10" Path Light**

### 10" Path Light

Cat. No.	Description	Lamp Required	Spacing
<b>K812BR</b>	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.



**K821BR**



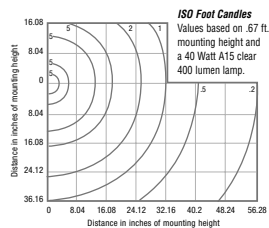
**7.5" Dome Path Light**

### 7.5" Dome Path Light

Cat. No.	Description	Lamp Required	Spacing
<b>K821BR</b>	7.5" 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.



**K822BR**



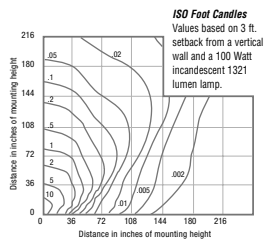
**10" Dome Path Light**

### 10" Dome Path Light

Cat. No.	Description	Lamp Required	Spacing
<b>K822BR</b>	7.5" 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.



**K841BR**



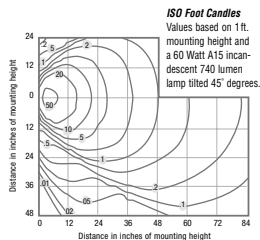
**Ground Spot Light**

### Ground Spot Light

Cat. No.	Description	Lamp Required	Spacing
<b>K841BR</b>	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 highlighted or as required for special lighting effects.



K831BR



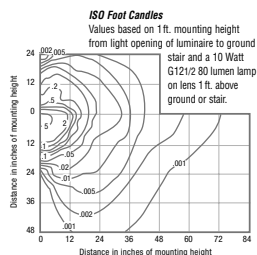
17.5" Swivel Light

### 17.5" Swivel Light

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



K851BR



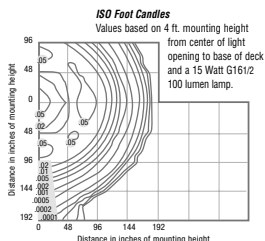
Post Sconce Light

### Post Sconce Light

Cat. No.	Description	Lamp Required	Spacing
K851BR	Post Sconce Light with metal back plate, and mounting hardware	G12 1/2 10W(max) / 120V candelabra base	On each post or every other post, depending on desired brightness. Mounts to standard 4X4 post.



K852BR



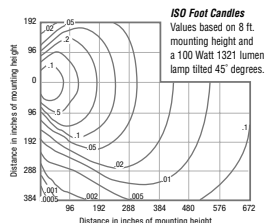
Post Top Light

### Post Top Light

Cat. No.	Description	Lamp Required	Spacing
K852BR	Post Top Light with metal back plate, and mounting hardware	G16 1/2 15W(max) / 120V candelabra base	On each post or every other post, depending on desired brightness. Mounts to standard 4X4 post.



K861BR



Wall Spot

### Wall Spot

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.



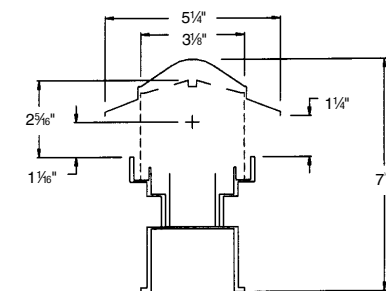
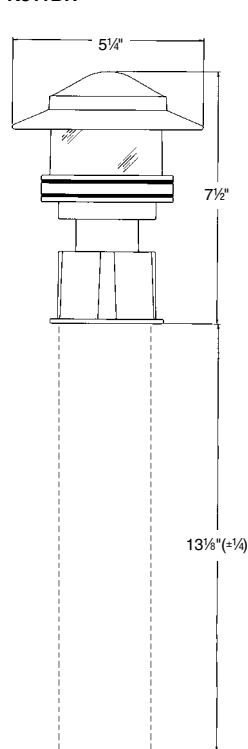
### Outside Outlet Power Hook-up Kit

Cat. No.	Finish	Description	Hub Size	No. of Outlets	
K800	Silver	Outside Outlet Power Hook-up Kit with ground wire, ground screw and five close-up plugs	¾"	Top	2
				Bottom	2
				Side	1
				Side	1
				Total	6

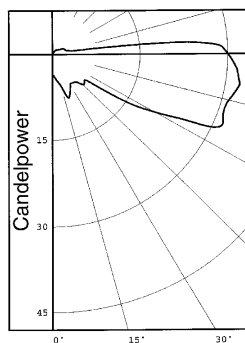


## Site-light® Lampholders, Garden Lights & Accessories

K811BR



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	1
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	-

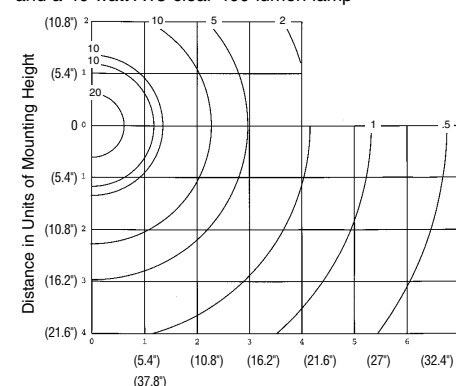


Zonal Lumen Summary			
Zone Deg	Lumens	% of lamp output based on 400 lumens	% of total output
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Total Luminaire Efficiency = 37.4%

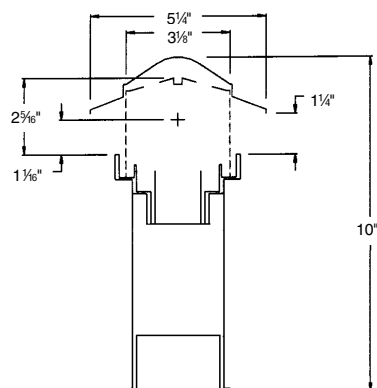
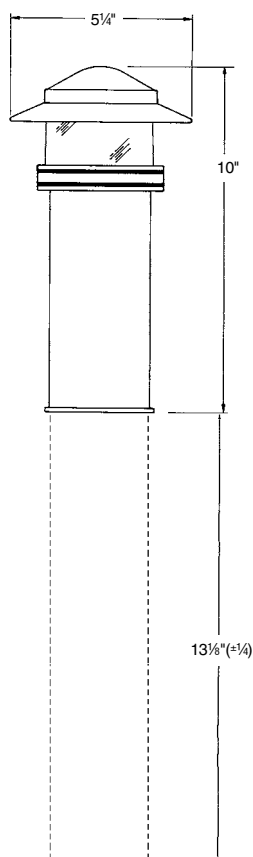
### ISO Foot Candles

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

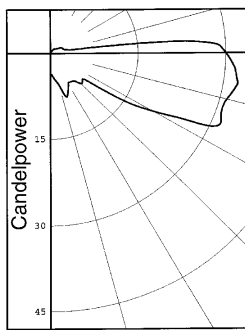


Distance in Units of Mounting Height

K812BR



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	1
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	-

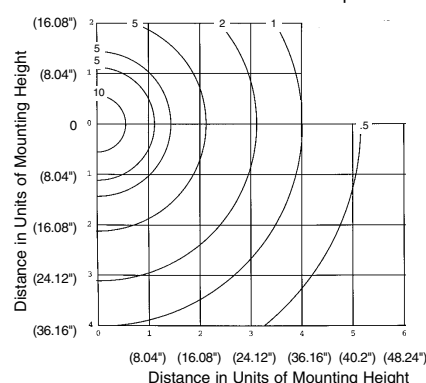


Zonal Lumen Summary			
Zone Deg	Lumens	% of lamp output based on 400 lumens	% of total output
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Total Luminaire Efficiency = 37.4%

### ISO Foot Candles

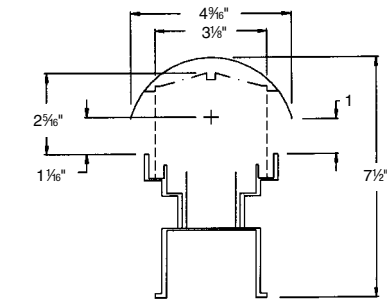
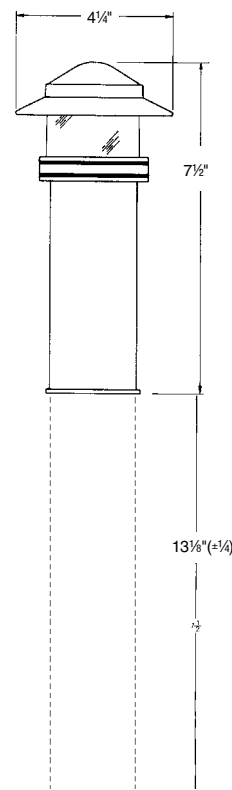
Values based on .67 (8.04") foot mounting height and a 40 watt A15 clear 400 lumen lamp



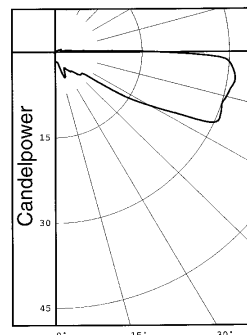
Distance in Units of Mounting Height

**Thomas & Betts**

### K821BR



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	1
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	-



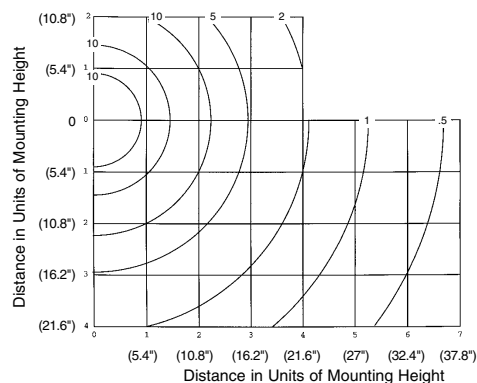
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 400 lumens	% 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

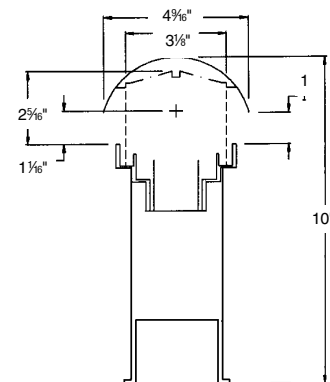
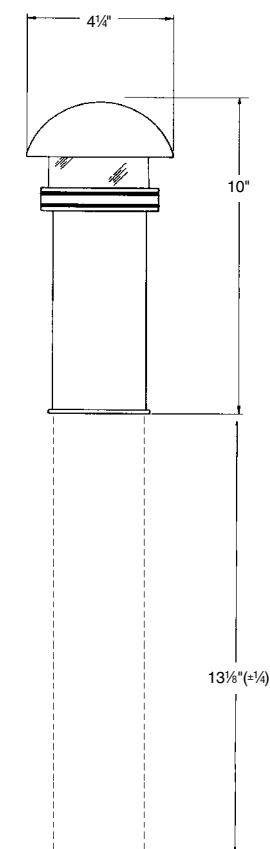
Total Luminaire Efficiency = 29.4%

### ISO Foot Candles

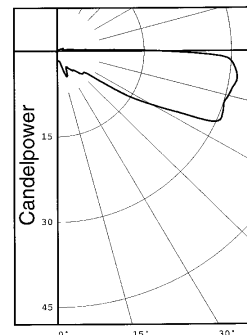
Values based on .45 (5.4") foot mounting height and a 40 watt A15 clear 400 lumen lamp



### K822BR



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	1
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	-



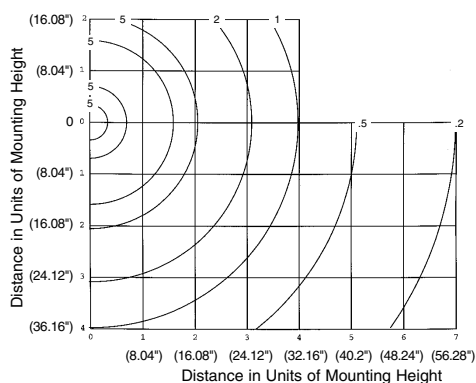
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 400 lumens	% 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

Total Luminaire Efficiency = 29.4%

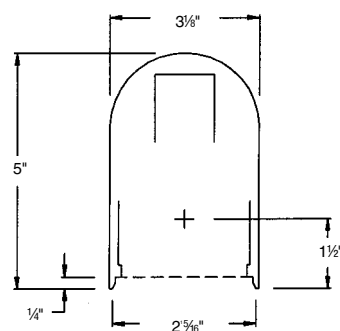
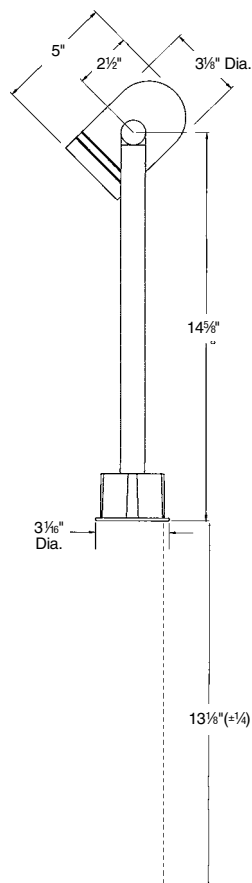
### ISO Foot Candles

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

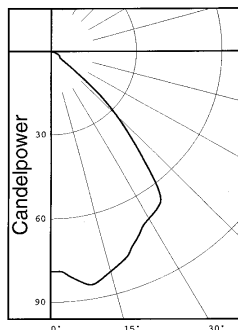


K831BR

### General Lighting



Deg	Candela	Lumens
0	79	-
5	81	8
15	82	23
25	73	34
35	67	41
45	33	25
55	4	3
65	3	3
75	0	0
85	0	0
90	0	-



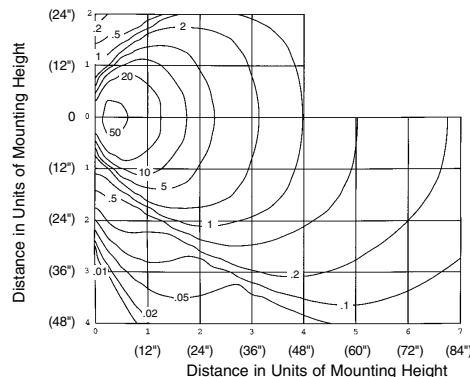
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 740 lumens	% 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

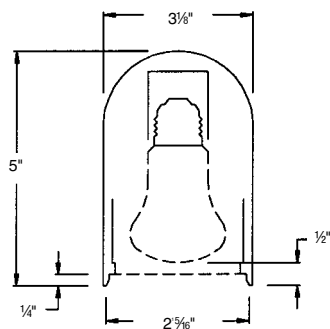
Total Luminaire Efficiency = 18.5%

### ISO Foot Candles

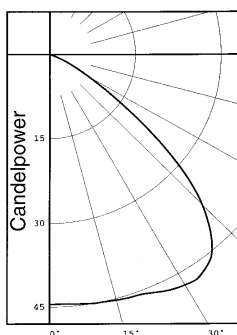
Values based on 1 (12") foot mounting height and a 60 watt A15 incandescent 740 lumen lamp tilted 45°



### Spot Lighting



Deg	Candela	Lumens
0	45	-
5	45	4
15	45	13
25	47	22
35	47	29
45	38	29
55	16	14
65	4	4
75	0	0
85	0	0
90	0	-



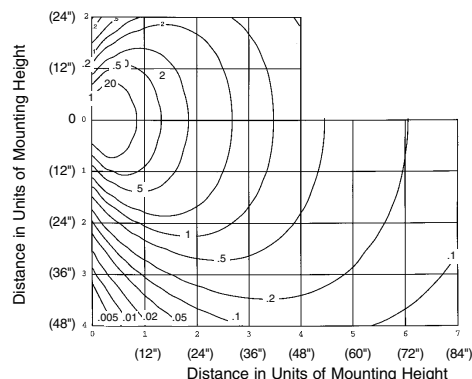
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 299 lumens	% of total output
0-30	39	12.9	33.5
0-40	68	22.8	58.9
0-60	111	37.2	96.2
0-90	116	38.7	100.0
90-180	0	0.0	0.0
0-180	116	38.7	100.0

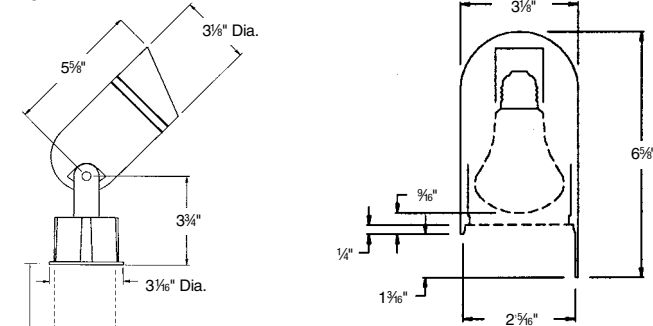
Total Luminaire Efficiency = 38.7%

### ISO Foot Candles

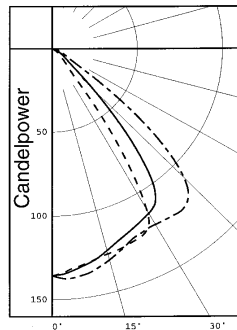
Values based on 1 (12") foot mounting height and a 40 watt R16 incandescent 299 lumen lamp tilted 45°



### K841BR



Vertical Degrees	Candela Distribution Horizontal Degrees						FLUX
	0.0	45.0	90.0	135.0	180.0		
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
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		-



Legend  
 0-deg: -----  
 90-deg: -----  
 180-deg: -----

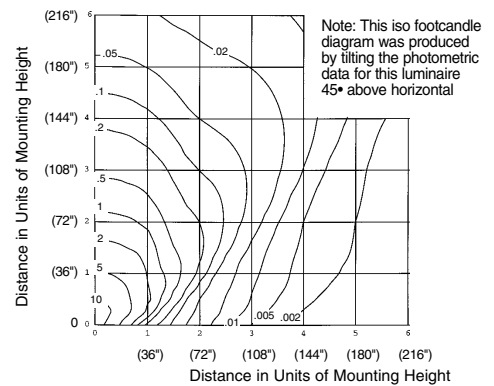
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 1321 lumens	% 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

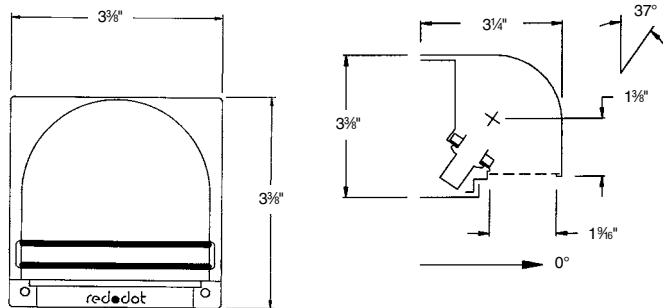
Total Luminaire Efficiency = 16.6%

### ISO Foot Candles

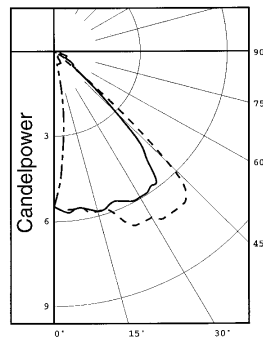
Values based on 3 (36") foot setback from a vertical wall and a 100 watt incandescent 1321 lumen lamp



### K851BR



Vertical Degrees	Candela Distribution Horizontal Degrees						FLUX
	0.0	45.0	90.0	135.0	180.0		
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		-



Legend  
 0-deg: -----  
 90-deg: -----  
 180-deg: -----

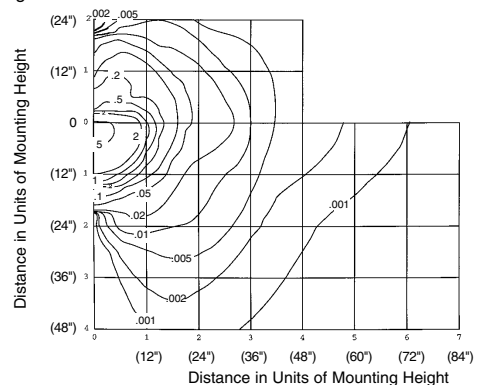
### Zonal Lumen Summary

Zone Deg	Lumens	% of lamp output based on 80 lumens	% 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

Total Luminaire Efficiency = 11.6%

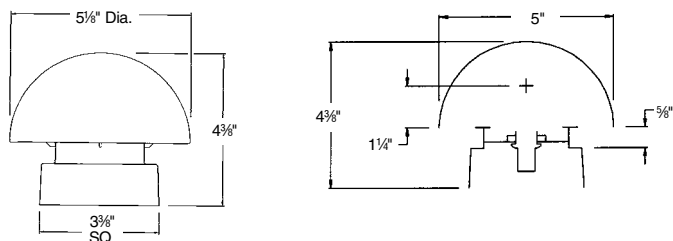
### ISO Foot Candles

Values based on 1 (12") foot mounting height from light opening of luminaire to ground stair and a 10 watt G12 80 lumen lamp on lens 1 foot above ground or stair





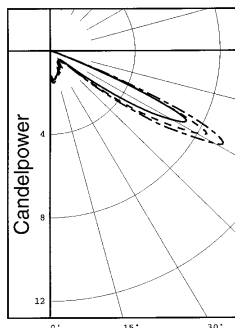
### K852BR



Zonal Lumen Summary			
Zone Deg	Lumens	% of lamp output based on 100 lumens	% 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

Total Luminaire Efficiency = 10.4%

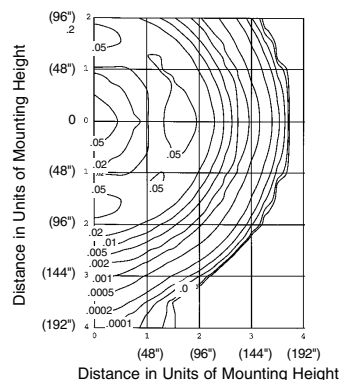
	Candela Distribution Horizontal Degrees						FLUX
	0.0	22.5	45.0	67.5	90.0		
0	1	1	1	1	1		-
5	2	1	1	1	1		0
15	1	1	1	1	1		0
25	1	1	1	1	1		0
35	1	1	1	1	1		0
45	1	1	1	1	1		1
55	5	3	3	4	6		4
65	6	5	5	5	7		5
75	0	0	0	0	0		0
85	0	0	0	0	0		0
90	0	0	0	0	0		-



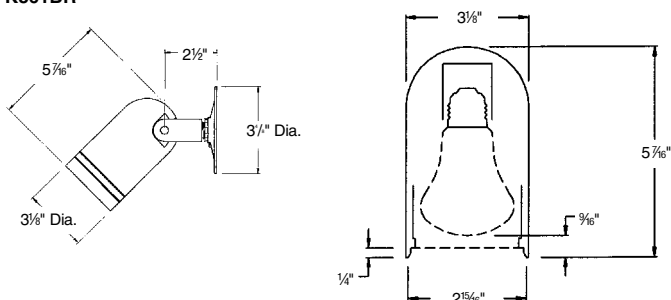
Legend  
 0-deg: -----  
 45-deg: -----  
 90-deg: -----

### ISO Foot Candles

Values based on 4 (48") foot mounting height from center of light opening to base of deck and a 15 watt G16 1/2 100 lumen lamp



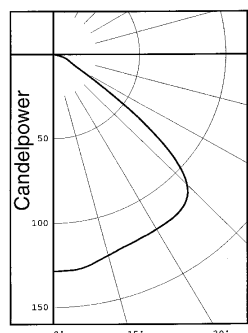
### K861BR



Zonal Lumen Summary			
Zone Deg	Lumens	% of lamp output based on 1321 lumens	% 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

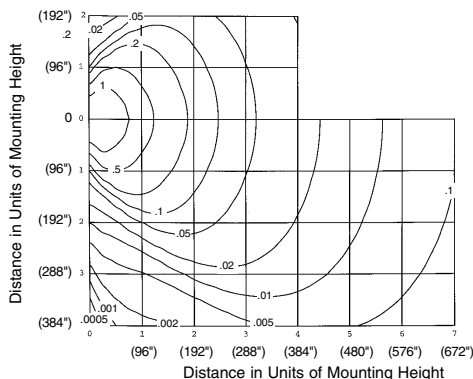
Total Luminaire Efficiency = 24.0%

Deg	Candela	Lumens
0	128	-
5	128	12
15	123	35
25	120	56
35	119	75
45	109	83
55	44	41
65	11	11
75	5	5
85	0	0
90	0	-



### ISO Foot Candles

Values based on 8 (96") foot mounting height and a 100 watt 1321 lumen lamp tilted 45°





DALB



DIH3-1-LM



DCCD



D2L80S3

### Applications:

- Dry-tite® boxes and covers protect wiring devices, switches, electronic components and terminal blocks in Dry, Damp and Wet Locations.
- Junction for branch conduits.
- -"A" Series bodies for Rigid and Intermediate Metal Conduit (IMC) conduit maintain a weather resistant conduit system when used with covers and gaskets.
- -"B" Series bodies for thin wall conduit Electrical Metallic Tubing (EMT) saves cost of connector and labor in indoor applications.
- Accessible wiring chamber provides a convenient location to maintain or change a system, pull conductors and make splices.

### Features/Benefits:

- Combination packaging of conduit body, cover and gasket reduces handling and inventory costs.
- Selection of colored finishes - silver, bronze and white - match most widely used finishes in commercial and residential construction.
- Reduced quantities in easy-to-store cartons. Saves labor and handling, reduces error and handling costs.
- Bar coding on carton and product.
- See-through wrapper provides instant identification and protects product on job site.
- Easy to read labels speeds selection, handling and storage.

### Standard Materials:

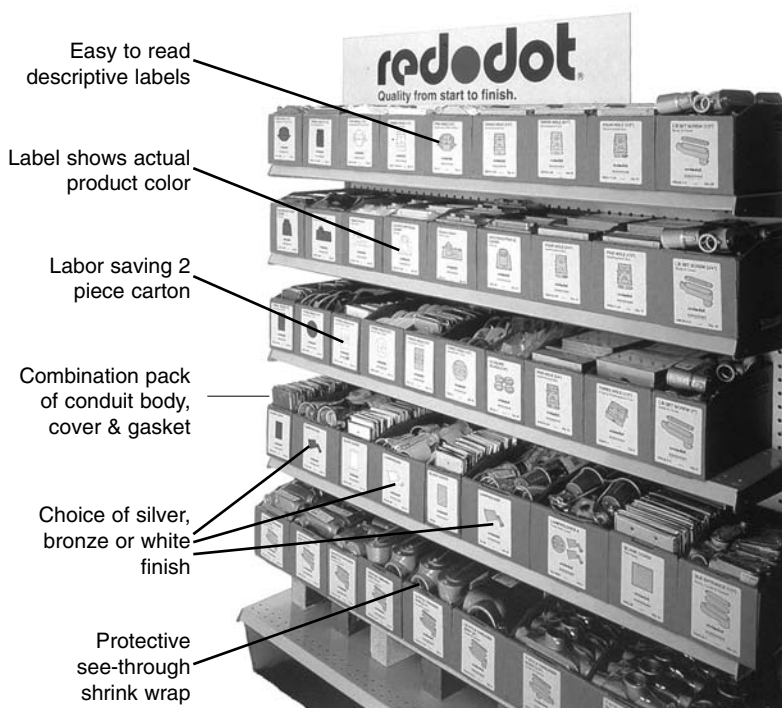
- Refer to appropriate section in this catalog.

### Standard Finish:

- Aluminum lacquer finish.
- Colors - Silver, Bronze & White.

### Compliances:

- UL Listed.
- CSA Certified.
- Federal Spec. W-C-586.



# Red•Dot®


## D-Pak® Merchandising System



### Conduit Bodies with Covers and Gaskets

	Cat. No.	Cat. No.	Hub Size
<b>Through Feed</b>			
	<b>Rigid IMC</b>	<b>EMT</b>	
	(Raintight)		
	DAC-1-CG		½"
	DAC-2-CG		¾"
	DAC-3-CG		1"
<b>Back Opening</b>			
	DALB-1-CG	DBLB-1-C•	½"
	DALB-2-CG	DBLB-2-C•	¾"
	DALB-3-CG	DBLB-3-C•	1"
	DALB-4-CG		1¼"
	DALB-5-CG		1½"
	DALB-6-CG		2"
<b>Left Side Opening</b>			
	DALL-1-CG		½"
	DALL-2-CG		¾"
	DALL-3-CG		1"
<b>Right Side Opening</b>			
	DALR-1-CG		½"
	DALR-2-CG		¾"
	DALR-3-CG		1"
<b>T-Style</b>			
	DAT-1-CG		½"
	DAT-2-CG		¾"
	DAT-3-CG		1"

### Service Entrance Bodies


	Cat. No.	Hub Size
<b>Back Opening</b>		
	DASLB-1	½"
	DASLB-2	¾"
	DASLB-3	1"


The D-PAK® Merchandising System attracts attention with bold graphics and encourages self-service with clean, easy-to-read labels.


- Bold red, black, and white descriptive merchandising labels.
- Labor saving 2-piece carton.
- Combination pack of conduit body, cover and gasket.
- Choice of finish: silver, bronze or white.
- English, Spanish, and French instructions.
- Protective see-through wrap.

### Boxes


Single Gang - with mounting lugs, two plugs and ground screw

	Cat. No.	Hub Size	Color	Outlets
	DIH3-1-LM	½"	Silver	Top 1
	DIH3-1-LM-BR	½"	Bronze	Bottom 1
	DIH3-1-LM-WH	½"	White	Back 1
	DIH3-2-LM	¾"	Silver	
	DIH3-3-LM	1"	Silver	<b>Total 3</b>


<b>Four Outlets</b>				
	DIH4-2-LM	½"	Silver	Top 2
	DIH4-1-LM-BR	½"	Bronze	Bottom 1
	DIH4-1-LM-WH	½"	White	Back 1
	DIH4-2-LM	¾"	Silver	
				<b>Total 4</b>

<b>Five Outlets</b>				
	DIH5-1-LM	½"	Silver	Top 2
	DIH5-2-LM	¾"	Silver	Bottom 2
				Back 1
				<b>Total 5</b>

Two Gang - with mounting lugs, two plugs and ground screw

<b>Three Outlets</b>				
	D2IH3-1	½"	Silver	Top 1
				Bottom 1
				Back 1
				<b>Total 3</b>


Round - with cast mounting lugs, four plugs and ground screw


<b>Five Outlets</b>				
	DS-47	½"	Silver	Side 4
	DS-47-BR	½"	Bronze	Bottom 1
	DS-47-WH	½"	White	
	DS-48	¾"	Silver	
	DS-48-BR	¾"	Bronze	
	DS-48-WH	¾"	White	
				<b>Total 5</b>


- Body and cover only


**Thomas & Betts**

### Device Covers


	Cat. No.	Color	Description
	<b>Duplex receptacle cover, horizontal</b>		
	DCCD	Silver	Device mount
	DCCD-BR	Bronze	
	DCCD-WH	White	

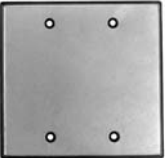
	<b>Duplex receptacle cover, vertical</b>		
	DCCDV	Silver	Device mount
	DCCDV-BR	Bronze	
	DCCDV-WH	White	


	<b>GFCI receptacle cover, horizontal</b>		
	DCCG	Silver	Device mount
	DCCG-BR	Bronze	
	DCCD-WH	White	

	<b>GFCI receptacle cover, vertical</b>		
	DCCGV	Silver	Device mount
	DCCGV-BR	Bronze	
	DCCGV-WH	White	


### Blank Covers

	Cat. No.	Color	Description
	<b>Single Gang</b>		
	DCCB	Silver	Device mount
	DCCB-BR	Bronze	
	DCCB-WH	White	

	<b>Two Gang</b>		
	D2CCB	Silver	Device mount


	<b>Round</b>		
	DCCRB	White	5" round cover with mounting holes 3½" on center (not Raintight)

### Lampholders

	Cat. No.	Color	Description
	<b>Standard</b>		
	DL-80	Silver	Inside gasket and ground screw, 150W PAR 38 max. lamp
	DL-80-BR	Bronze	
	DL-80-WH	White	


	<b>Floodlight</b>		
	D2L80S3	Silver	Two lampholders and cover with three ½" holes, gasket, screws and plug

### Lampholder Cover

	Cat. No.	Hub Size	Color	Description
	<b>Single Gang</b>			
	DLC-31	½"	Silver	Three ½" holes. Supplied with gasket, screws and plug
	DLC-31-BR	½"	Bronze	
	DLC-31-WH	½"	White	

	<b>Round</b>			
	DSS-1	½"	Silver	Device mount with gasket, screws and plug
	DSS-1-BR	½"	Bronze	
	DSS-1-WH	½"	White	
	DSS-3	½"	Silver	
	DSS-3-BR	½"	Bronze	
	DSS-3-WH	½"	White	

### Plugs

	Cat. No.	Hub Size	Color
	DPLG-1	½"	Silver
	DPLG-1-BR	½"	Bronze
	DPLG-1-WH	½"	White
	DPLG-2	¾"	Silver



CS212



CS228



CS312



CS315

## Kits

Cat. No.	Description	Color
CS212 CS212BR CS212WH	Traditional 2 Lamp Round Box Kit	Silver Bronze White
CS228 CS228BR CS228WH	Contemporary 2 Lamp Round Box Kit	Silver Bronze White
CS312 CS312BR CS312WH	Duplex Weatherproof Outlet Device Kit	Silver Bronze White
CS315	GFCI Weatherproof Outlet Device Kit	Silver
CS780BR	Contemporary Stake Light w/Cord	Bronze
CS902 CS902BR CS902WH	Traditional 2 Lamp, Round Box w/Photoell Kit	Silver Bronze White



CS780BR



CS902



# *An open and shut case*



*for meeting the “while-in-use” NEC Code requirement!*

Need to comply with the new 2002 NEC Code 406.8(B) for weatherproof in-use covers? No problem! Thomas & Betts has the exact covers you need for compliance, with the brand names you know and trust, Red•Dot® and Steel City®.

- Available in both rugged die-cast aluminum or non-metallic with clear Lexan® lids
- All feature single-unit convenience for faster, easier installation — no confusing, time-consuming punch-outs
- Full range — single gang or double gang
- Unique key-lock option



**Available now from your  
Thomas & Betts Distributor.**

*Ask your Thomas & Betts sales rep for  
your free copy of the Thomas & Betts  
Code Changes 2002.*



**Red•Dot®**

Die-cast aluminum,  
100% copper-free with  
integral locking tab.

**Steel City®**

Non-metallic with clear cover.  
Unique lip design provides  
water-tight seal.



\* NEC, Section 406.8(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.

**Steel City® • Red•Dot® • Superstrut® • Union® • Bowers®**

**Thomas & Betts**