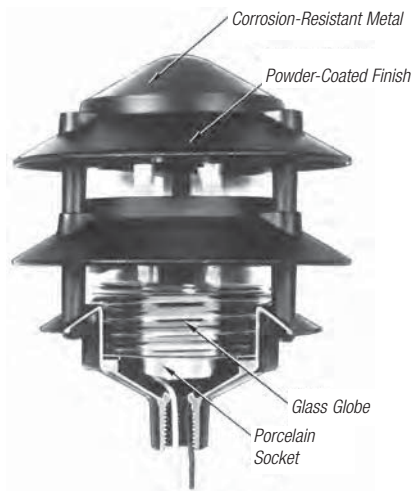


SiteLight® Landscape Lights



Applications:

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

Features/Benefits:

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

Standard Materials:

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

Standard Finish:

- Green powder-coated finish
- Bronze powder-coated finish

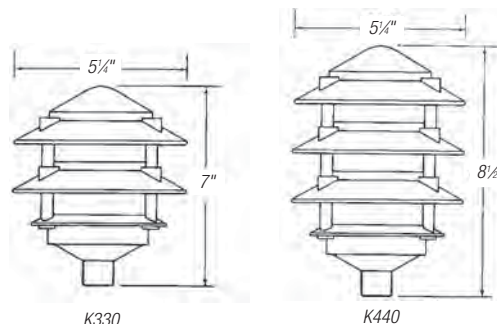
Compliances:

- UL Listed
- Suitable for use in wet locations

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. _____

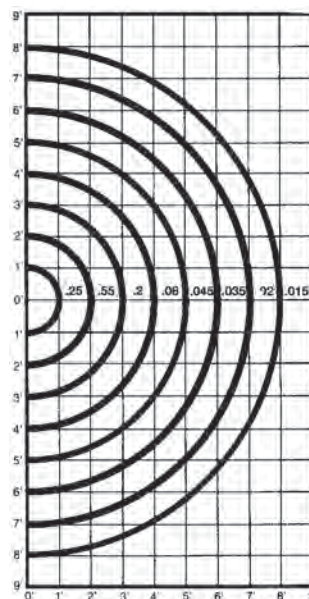


Photometrics:

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

Three Tier



K330

CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
K330	Green	75W•	12" Extended Leads, Gasket and Ground Screw Globe
K330BR	Bronze		
VGL-075			

Four Tier



K440

CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
K440	Green	100W•	12" Extended Leads, Gasket and Ground Screw Globe
K440BR	Bronze		
VGL-01			

NOTE: Lamp not included

redodot®

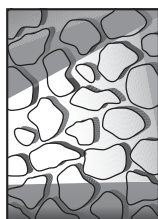
Outdoor Lighting

Step Up to SiteLight® Line Voltage Outdoor Lighting.

Planning your Outdoor Lighting

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

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



*Grazing
from side or bottom
to show texture*



*Uplighting
from below makes
details stand out*



*Silhouetting
from behind
provides drama*

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

Use SiteLight® **Path Lights** and **Swivel Lights** for pathways, driveways and general garden lighting. The chart below will help you determine fixture spacing.

BRIGHT & EVEN	MEDIUM DAPPLED	SOFT MOOD
8'-10'	12'-18'	Over 20'

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

SiteLight® Line Voltage Outdoor Lighting

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

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

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



Compare SiteLight® to Low-Voltage Sets

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

SiteLight® Meets Every Outdoor Lighting Need

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

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Technical Services
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Fax: 901.252.1321

Tool Services
Tel: 800.284.8665

We've Made Installation Easy.

Everything you need is included in the SiteLight® Kit, except a bulb, supply cable and tools (screwdriver, wire strippers, etc.). Only three connections are required to wire each fixture to the supply cable. With 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.

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.

Applications:

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

Features/Benefits:

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

Standard Materials:

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

Standard Finish:

- Bronze powder-coated finish

Compliances:

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

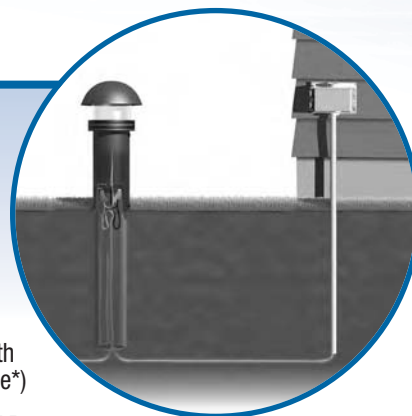
Sample Specifications:

- Fixture shall be die-cast copper-free* aluminum alloy A360, with bronze powder-coated finish. Sockets shall be porcelain, center contact, brass screw shell-medium base for K811BR, K812BR, K821BR, K822BR, K831BR, K841BR and K861BR fixtures. Sockets shall be molded plastic with candelabra screw base for K851BR and K852BR fixtures. All sockets shall have extended leads for easy wiring

* Less than .004 copper content

Easy to Install:

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



Quality Construction

Rustproof cast-aluminum top removes easily for bulb replacement

Shatterproof Lens

Porcelain Socket with brass screw shell

Architectural Bronze color blends into landscape

Aluminum Base for durability

Stainless Steel Screws

Aluminum Mounting Tube Cap houses wire connections

Wire Connectors and Ground Wire for safe, easy power connections

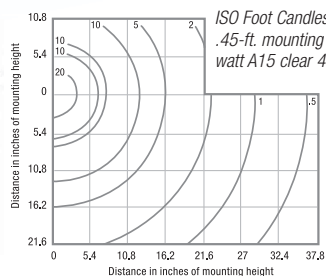
13" PVC Mounting Tube provides a permanent base for fixture and large opening to feed wires

red dot®

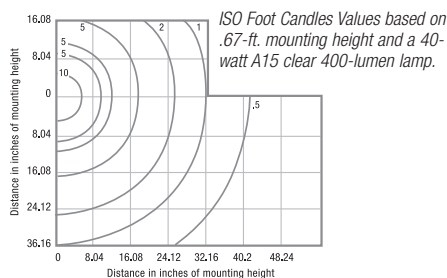
Outdoor Lighting



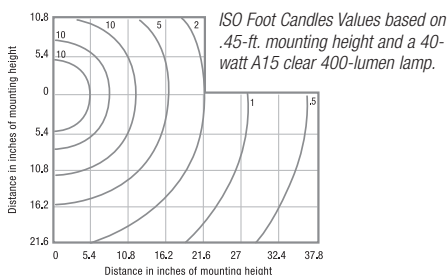
K811BR



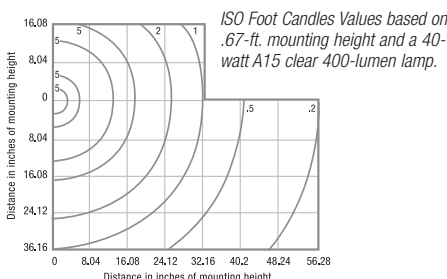
K812BR



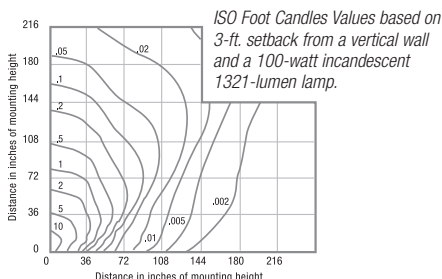
K821BR



K822BR



CS841BR



7.5" Path Light

See page H-40 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K811BR	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

10" Path Light

See page H-41 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K812BR	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

7.5" Path Light

See page H-42 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K821BR	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

10" Path Light

See page H-43 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K822BR	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

Ground Spot Light

See page H-44 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
CS841BR	Ground Spot Light with 13" x 2" Schedule 40 PVC Mounting Tube	R20 100W (max.)/ 120V medium base	One to two for each object to be highlighted or as required for special lighting effects

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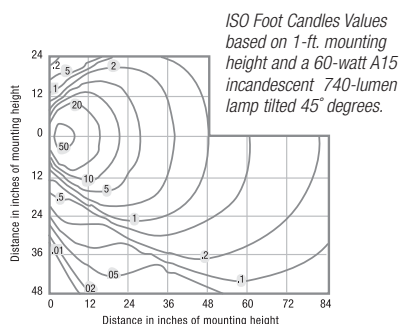
Fax: 901.252.1321

Tool Services

Tel: 800.284.8665



K831BR



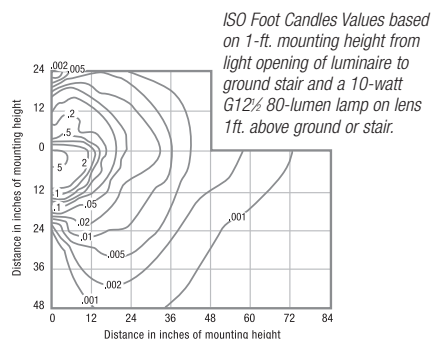
17.5" Swivel Light

See page H-45 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K831BR	17.5" Swivel Light with 13" x 2" Schedule 40 PVC Mounting Tube	General lighting: A15 60W (max.)/ 120V medium base spot lighting: R16 60W (max.)/ 120V medium base	General lighting: 8'-10' apart: bright and even, 12'-18' apart: medium dappled, 20' or more: soft mood, spot lighting: one to two for each object to be highlighted



K851BR



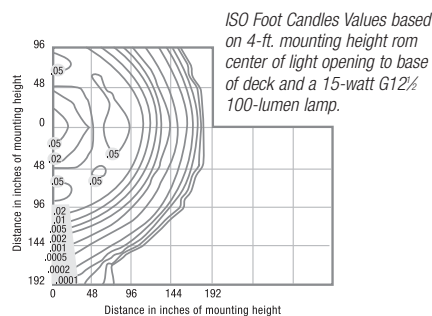
Post Sconce Light

See page H-46 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K851BR	Post Sconce Light with Metal Back Plate and Mounting Hardware	G12½ 10W (max.)/ 120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post



K852BR



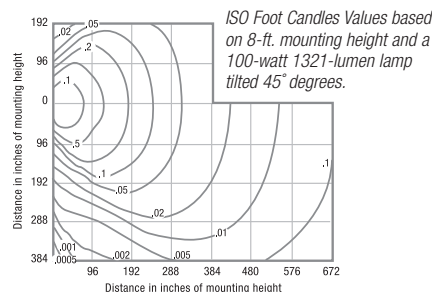
Post Top Light

See page H-47 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K852BR	Post Top Light with Metal Back Plate and Mounting Hardware	G12½ 10W (max.)/ 120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post



K861BR

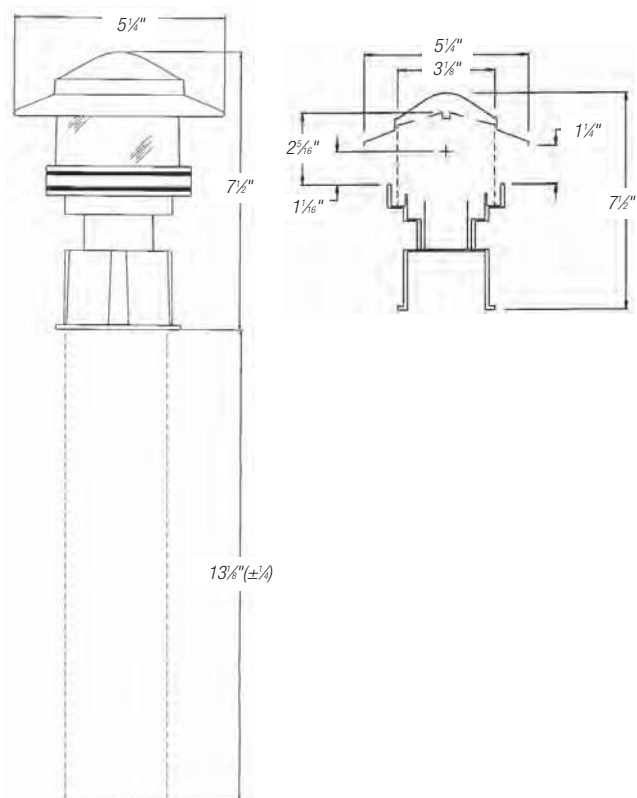


Wall Spot

See page H-48 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K861BR	Wall Spot with Cover (box not included)	R20 100W (max.)/ 120V medium base	One to two on most average size decks or exterior walls

K811BR Specifications



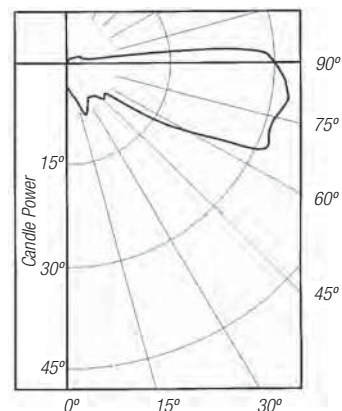
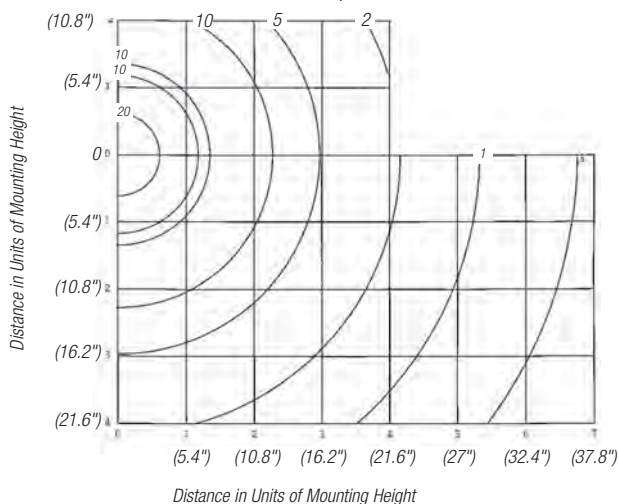
Zonal Lumen Summary

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

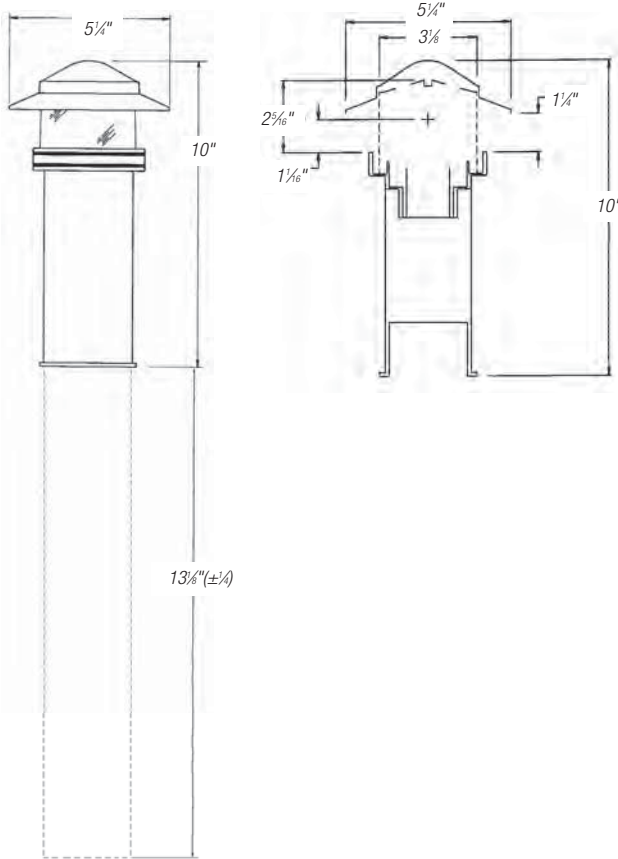
Total Luminaire Efficiency = 37.4%

ISO Foot Candles

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



K812BR Specifications



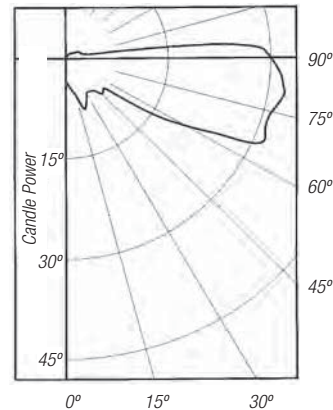
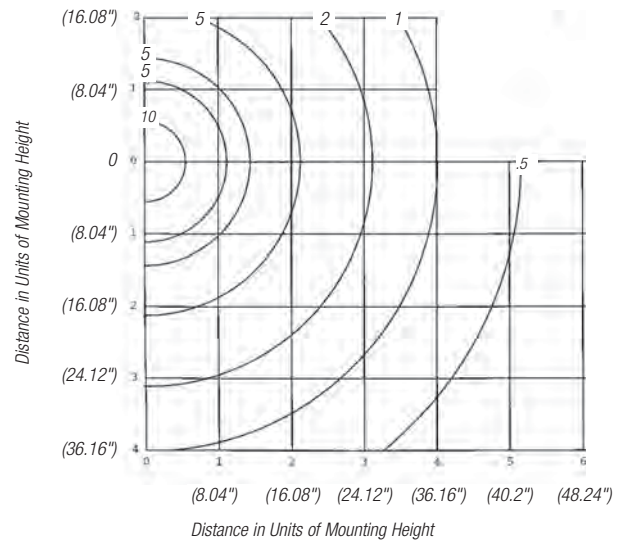
Zonal Lumen Summary

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

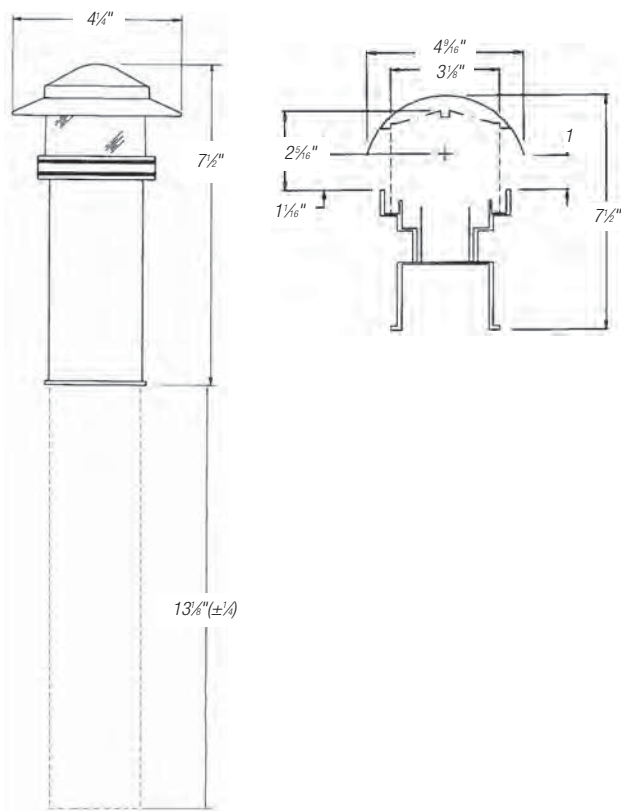
Values based on .67 (8.04") foot mounting height and a 40-watt A15 clear 400-lumen lamp.



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

DEG.	CANDELA	LUMENS
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	—

K821BR Specifications



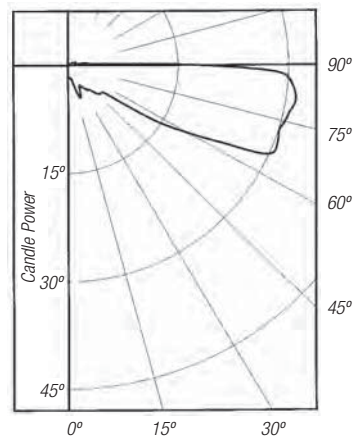
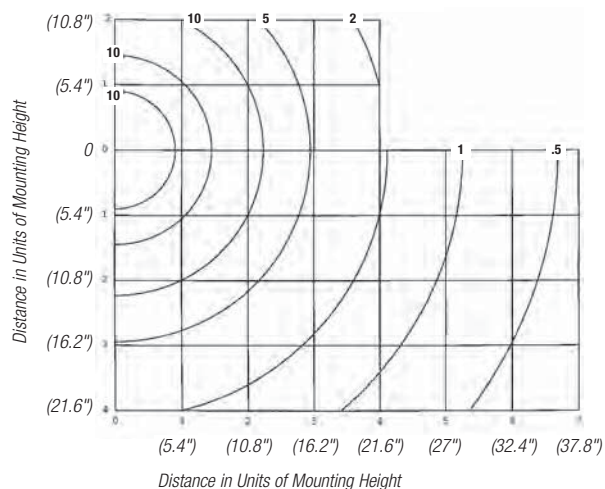
Zonal Lumen Summary

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%

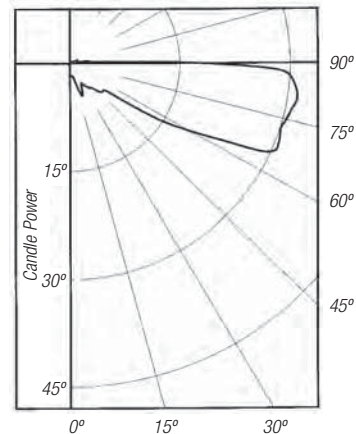
ISO Foot Candles

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



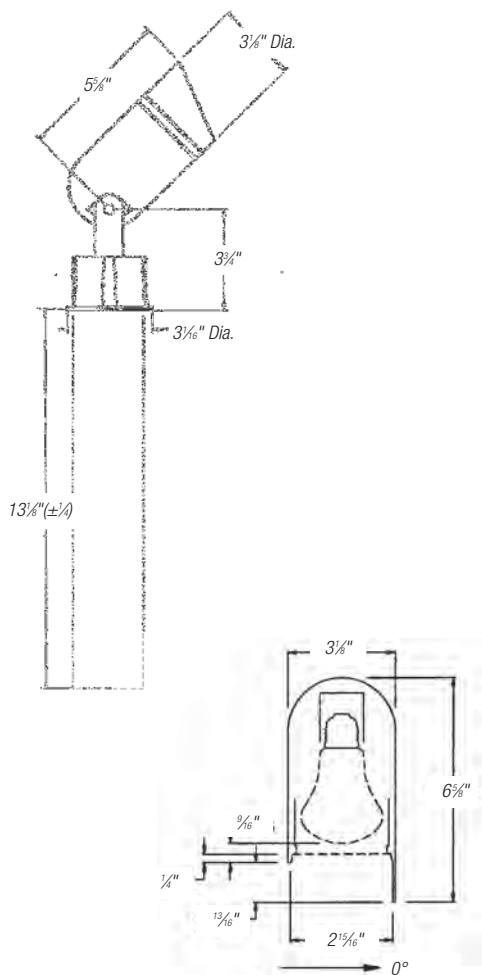
red dot. and Carlon® Weatherproof Boxes, Covers and Conduit Bodies

The graph shows a series of curves on a grid. The vertical axis (Y-axis) is labeled 'Distance in Units of Mounting Height' and has tick marks at (16.08''), (8.04''), (8.04''), (16.08''), (24.12''), and (36.16''). The horizontal axis (X-axis) is also labeled 'Distance in Units of Mounting Height' and has tick marks at (8.04''), (16.08''), (24.12''), (32.16''), (40.2''), (48.24''), and (56.28''). There are five sets of curves, each labeled with a number: 5, 2, 1, .5, and .2. The curves for 5, 2, and 1 are on the left side of the graph, while the curves for .5 and .2 are on the right side. The curves for 5 and 2 are the most curved, while the curves for .5 and .2 are the least curved.



DEG	CANDELA	LUMENS
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	—

CS841BR Specifications



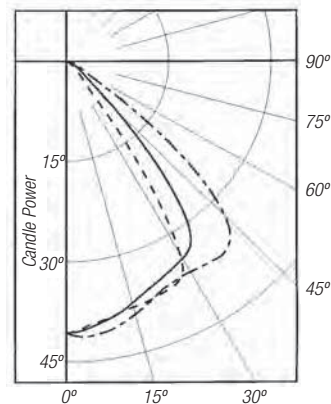
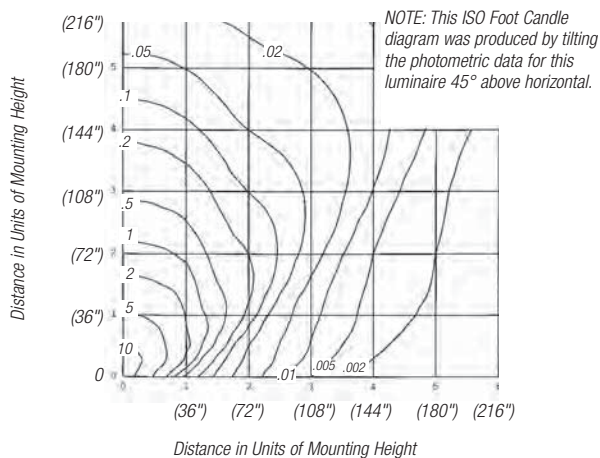
Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 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.



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

Vertical Degrees

	CANDELA DISTRIBUTION HORIZONTAL DEGREES					
	0.0	45.0	90.0	135.0	180.0	FLUX
0	136	136	136	136	136	—
5	132	132	133	136	138	13
15	127	124	125	128	131	36
25	124	121	117	126	122	56
35	58	77	106	125	122	61
45	9	12	35	93	109	37
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	—

red dot® and Carlon® Weatherproof Boxes, Covers and Conduit Bodies

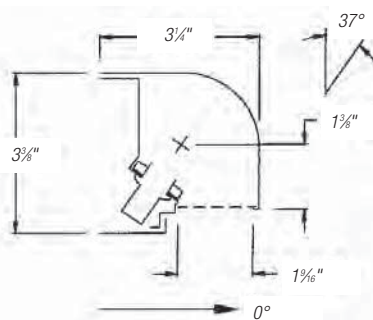
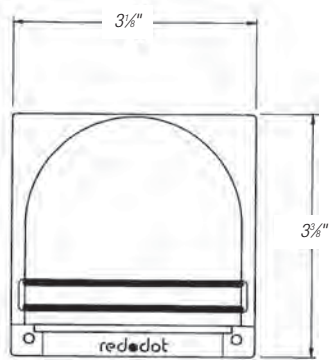
ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	65	8.7	47.2
0-40	105	14.2	77.0
0-60	134	18.1	97.7
0-90	137	18.5	100.0
90-180	0	0.0	0.0
0-180	137	18.5	100.0

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	—

red dot®

Outdoor Lighting

K851BR Specifications



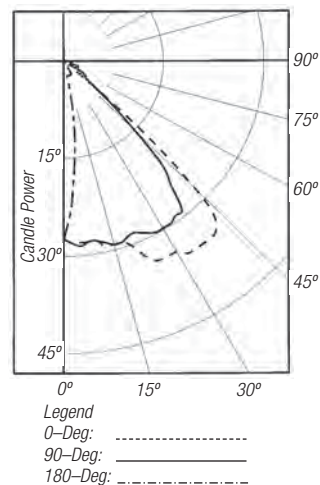
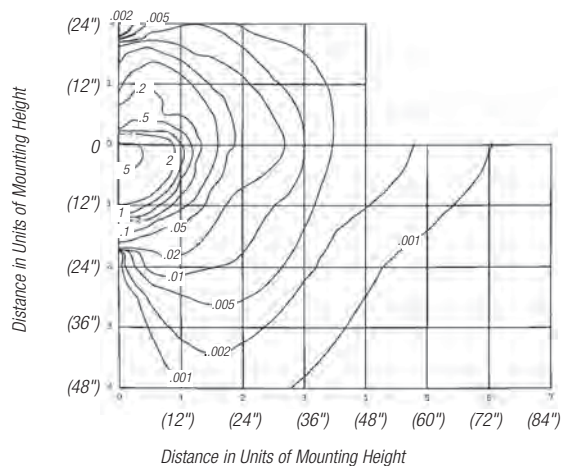
Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 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 G12½ 80-lumen lamp on lens 1-ft. above ground or stair.



Vertical Degrees

	CANDELA DISTRIBUTION HORIZONTAL DEGREES					
	0.0	45.0	90.0	135.0	180.0	FLUX
0	5	5	5	5	5	—
5	6	6	6	5	3	0
15	6	6	6	2	0	1
25	7	7	6	1	0	2
35	7	7	6	1	0	3
45	6	5	3	1	0	2
55	0	1	1	1	0	1
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	—

Thomas & Betts

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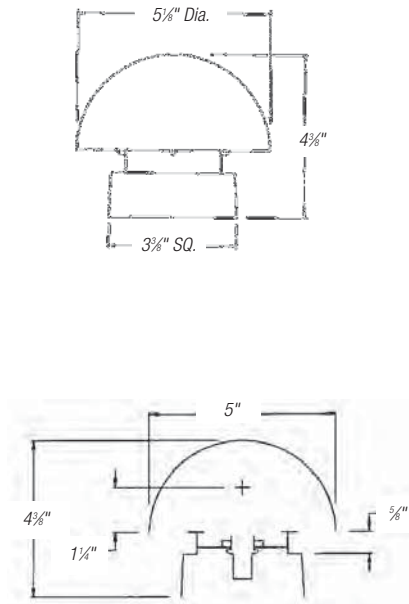
Corporate Office
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Customer Service
Tel: 800.816.7809
Fax: 800.816.7810

Technical Services
Tel: 888.862.3289
Fax: 901.252.1321

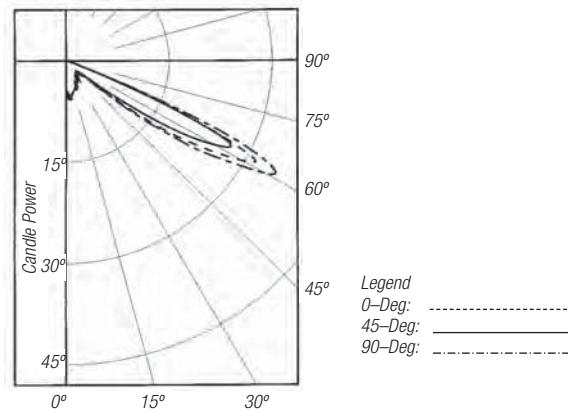
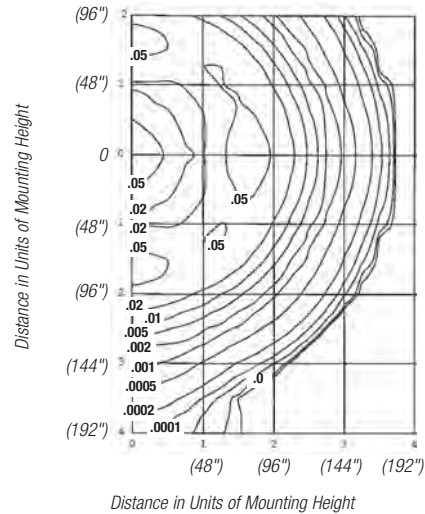
Tool Services
Tel: 800.284.8665

K852BR Specifications



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.



Zonal Lumen Summary

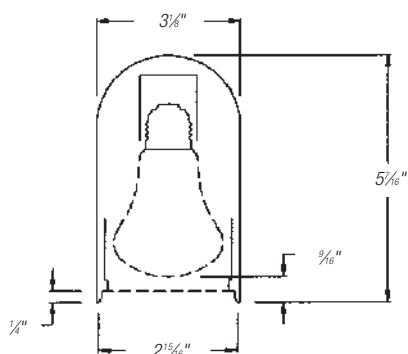
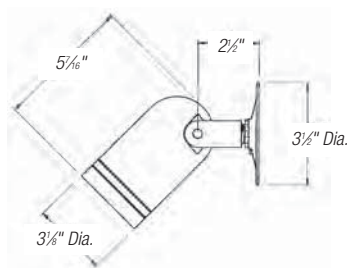
ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	1	0.9	8.7
0-40	1	1.3	12.8
0-60	5	5.5	52.7
0-90	10	10.4	100.0
90-180	0	0.0	0.0
0-180	10	10.4	100.0

Total Luminaire Efficiency = 10.4%.

Vertical Degrees

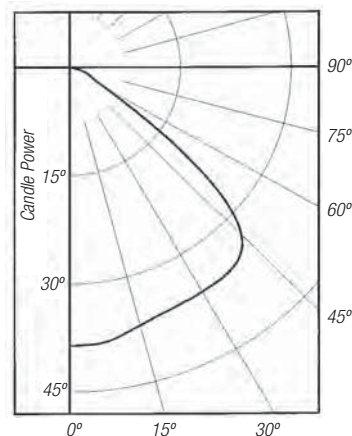
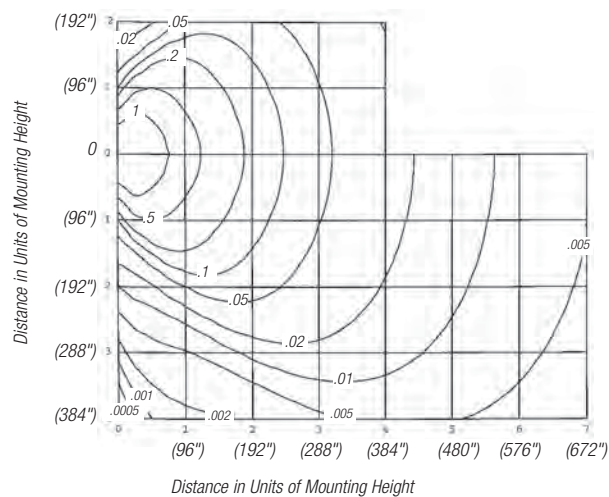
	CANDELA DISTRIBUTION HORIZONTAL DEGREES					FLUX
	0.0	45.0	90.0	135.0	180.0	
0	1	1	1	1	1	—
5	2	1	1	1	1	0
15	1	1	1	1	1	0
25	1	1	1	1	1	0
35	1	1	1	1	1	0
45	1	1	1	1	1	1
55	5	3	3	4	6	4
65	6	5	5	5	7	5
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	—

K861 BR Specifications



ISO Foot Candles

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



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 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	—