RLM
Series

Decorative Reflectors for Indoor & Outdoor

Bock
Lighting

Index

A Note About Bock Lighting

In 1918, my great grandfather Ben and his brothers started Spero Lighting/Spero Electric with a commitment to high-quality electrical and lighting products, innovation, and unparalleled customer service. For the next 3 generations, the torch passed down the family line, from my grandfather, Manny, to my father, Mitchell, to me, as our dedication to quality, service, and innovation persisted.

In 2009, Bock Lighting acquired Spero Lighting and together we have continued to offer and advance the high-quality lighting products that my family created. We have also successfully grown into other lighting product categories and now design and manufacture lighting for a number of different applications.

- The Iconic Bock RLM Series Fixtures

- Decorative Commercial Fixtures (including, hand blown glass)

- Vaportight Fixtures

- Indoor Commercial Fixtures

- Outdoor Commercial Fixtures (wall, bollards, poles, area, and flood)

- Custom Fixtures

Today, Bock Lighting is both a local and global lighting company. Our products are manufactured in Cleveland, Ohio, and sold worldwide. Our customers range from single neighborhood stores to national and international retailers. They all demand quality, personal attention, flexibility, and value. I am pleased to say that we meet all of their expectations, every time.

I invite everyone to take a look at Bock Lighting products. Our designs are high-quality, our pricing is sensible, and our service is second to none. Quite simply, we offer the lighting solution my family has spent a century perfecting.

Ezra Spero
President

▲ Goo Goo Shop - Nashville, TN - Step Neck Dome

▼ Goo Goo Shop - Nashville, TN - Galvanized Step Neck Dome

GOO GOO SHOP
DESSERT BAR

What Makes Bock Lighting Unique?

Bock Lighting delivers high-quality lighting fixtures, exceptional service, continuous innovation, great value, and the ability to fully customize a lighting solution.

High-Quality Lighting Fixtures

Bock Lighting fixtures are constructed from the best commercial-grade materials available and built with great care and craftsmanship. Reflectors are precision spun in aluminum or steel and finished in a thermally-cured polyester powder coat that provides superior durability. Robust components and thoughtful design combine to create the high-quality lighting fixtures delivered by Bock Lighting.

Exceptional Customer Service

Customers of Bock Lighting rave about the company's straightforward sales approach, scheduling flexibility and incredibly short lead times (standard products can be delivered in less than two weeks.) The entire Bock Lighting team is devoted to providing a satisfying experience and will go to great lengths to exceed our customers expectations.

Continuous Innovation

Bock Lighting continues to innovate and improve its products to incorporate industry advancements in materials and technology, without compromising the aesthetics and integrity of the fixtures. Fixtures are compatible with a number of lamp types including LED light sources that offer increased fixture efficiency, long product life, and smooth and even light distribution.

Great Value

Bock Lighting creates great value for customers by delivering high-quality, reliable and cutting-edge products. Bock offers unparalleled customer support, heritage and warranty.

Impressive Custom Lighting Solutions

Designers often turn to Bock Lighting to create fully custom lighting solutions for their projects. From a special color to a unique mounting type or tailored reflector design, every aspect of the lighting fixture can be modified. This incredible flexibility in customization is made possible by the talent and dedication of the Bock team and the company's local manufacturing facility. All Bock Lighting fixtures are manufactured and assembled in Cleveland, Ohio.

▼ Standard Dome on Gooseneck
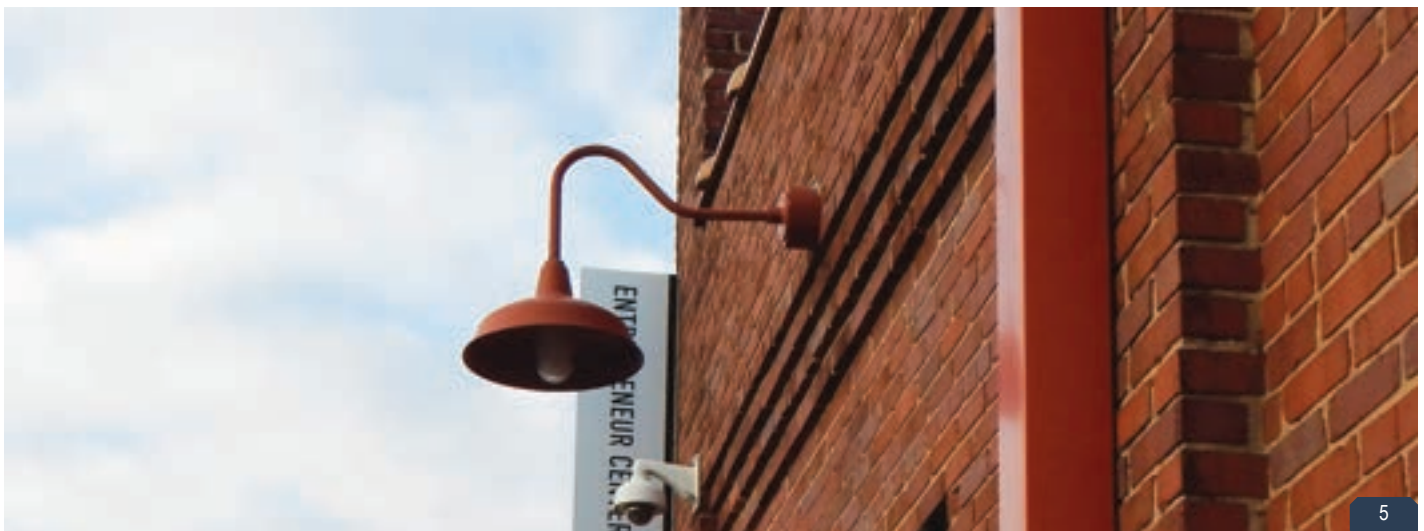
The Heritage of the Bock RLM Series

The Bock RLM series is iconic in both style and functionality. First developed in the early 1900's to replace the individual overhead lights traditionally used in warehouses and factories, the RLM light fixture, most often characterized by its spun metal reflector and white interior, offered a more efficient lighting solution that provided a broader distribution of light. In 1919, a standard was developed to specify minimum requirements in efficiency, safety, and quality for these types of fixtures. It was called the RLM Standard Specifications for Industrial Lighting Units. The Spero RLM fixture was one of the fixtures to earn the approval of this original lighting standard.

Since then, a number of changes have been made to the Spero RLM series. New metals, materials, painting techniques, and lighting technologies have improved the overall performance and durability of the fixture, without compromising the iconic spun-metal design. Bock Lighting has also expanded the RLM series to include more shapes, colors, lamp types, and mounting options.

With continued innovation, the iconic Bock RLM series now offers:

- Reflectors made of precision spun aluminum or steel.
- A high-quality, thermally-cured polyester powder coat paint for unparalleled durability.
- Higher reflectance values which improve the overall efficiency of the fixture.
- Turned-in bottom beads add strength and prevent the collection of dirt and water on the fixture.
- Compatibility with several light sources including the latest in LED technology.

WHERE YOU SEE THIS SEAL
YOU SEE Quality

# RLM

Standard Specifications

for industrial lighting equipment

How to Specify an RLM Fixture

❶ Select Reflector Design
　　a. All Reflectors come standard with Medium Base (#5) socket with 96" leads 3/4" hub.

❷ Select Color Finish
　　a. Fixtures come standard with Powder Coat Finish, G1 White inside and out unless otherwise specified.
　　b. Bock offers over 30 color finishes in High Quality Polyester Powder Coating for indoor/outdoor use.

❸ Select Accessories
　　a. Accessory Options
　　　　Lamp Enclosures - Required with some light source.
　　　　Cast Guards
　　　　Wire Guards

❹ Select Light Source
　　a. Select Light Source, if Medium Base (#5) Incandescent not applicable to your application.
　　b. Other light sources include LED and CFL.

❺ Select Ballast Enclosure
　　a. Driver/Ballast Enclosure may be required depending on light source and reflector.

❻ Select Mounting
　　b. Select Mounting Option. Goosenecks, Cord, Stem, Pole Top, Wall Mount, & Other Bracket Options.

516-G0
Reflector Shade & Color
516 in Black
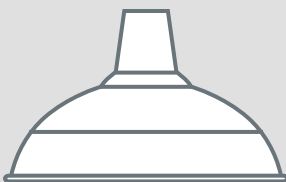
116AR-G0
Wire Guard
16" Wire Guard in Black
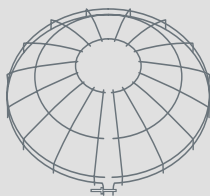
LMH2D-3000LM-27K
Light Source
LMH2 CREE Module
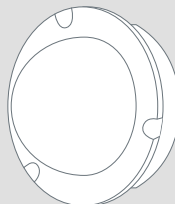
BCW6-G0
Driver/Ballast Enclosure & Color
6" Round Driver/Ballast Enclosure in Black
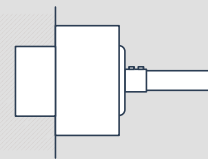
GN23A-G0
Gooseneck & Color
GN23A Gooseneck in Black

Cross Referencing
Have a different product code, or need an alternative, call or eMail Bock, for assistance.

Phone: (216) 912-7050
Fax: (216) 912-7051
eMail: sales@bocklighting.com

RLM Product Builder

Use the Bock RLM Product Builder to generate a PDF to share with your design team. Begin by visiting the Products page on our website www.BockLighting.com. Only valid product configurations will be created by the Product Builder, eliminating the guess work and potential errors from the specification process.

HOW TO
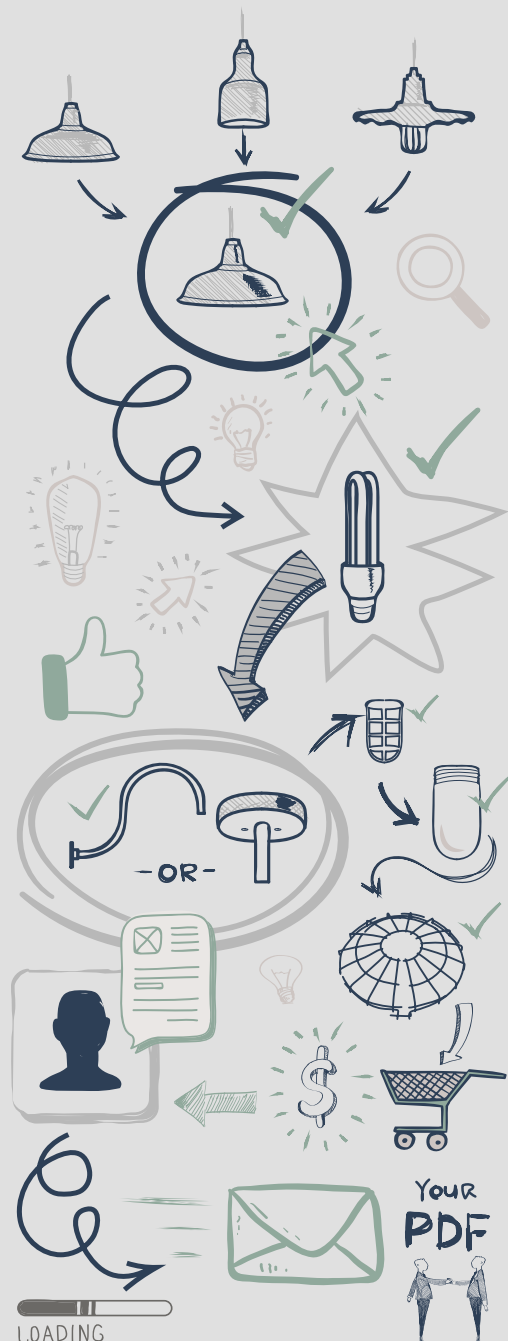
Begin on www.BockLighting.com/products

Select Reflector

Scroll down to Product Builder / Configurator

Step 1 • Select Reflector

Step 2 • Select Finishes

Step 3 • Select Accessories
(Wireguard, Jelly Jar, Lens, etc.)

Step 4 • Select Light Source
(Including the latest in LED technology)

Step 5 • Select Mounting

Step 6 • Personalize
(Add project details to your spec sheet)

Step 7 • Save & Publish
(You now have a custom PDF spec sheet)

Download PDF and Send

Watch a short tutorial at www.specrlm.com

Visit our "Products" page to build your own spec.

▲ Alesci's Deli - Solon, OH - Standard Dome

▼ Guess® Kids - NYC, NY - Downlight Reflector

STANDARD REFLECTORS

The Bock RLM Series combines iconic style and high-quality design to offer an excellent lighting solution for both indoor and outdoor applications. Reflectors are precision-spun from a high quality aluminum or steel. There are more than 30 shapes available in different sizes each. All reflectors compatible with a number of different light sources and mounting options and accessories. All RLMs are Underwriter's Laboratories Inc. ® Listed, cULus listed for use in the United States and Canada.

Standard Dome

Cat.#	Max Watt	LED Max Watt	Dia	Ht
512	100W	29W	12"	8 ¼"
514	150W	29W	14"	8 ¼"
516	200W	29W	16"	9 ¾"
518	300W	58W	18"	11 ⅝"
520	300W	58W	20"	12 ⅝"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Step Neck Dome

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN512	100W	29W	12"	9"
SN514	150W	29W	14"	9"
SN516	200W	29W	16"	10 ½"
SN518	300W	58W	18"	11 ⅞"
SN520	300W	58W	20"	13 ⅜"
SN524	300W	58W	24"	14 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Shallow Dome

Cat.#	Max Watt	LED Max Watt	Dia	Ht
412	100W	19W	12"	6 ⅝"
414	150W	29W	14"	7 ⅞"
416	200W	29W	16"	8 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Standard Reflectors

Deep Bowl

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN908	100W	19W	8"	7"
SN910	200W	29W	10"	9"
SN912	300W	29W	12"	11"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Radial Wave

Cat.#	Max Watt	LED Max Watt	Dia	Ht
RW16	100W	29W	16"	6 ¾"
RW20	200W	29W	20"	7"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Outlet Box Mounted

Cat.#	Max Watt	LED Max Watt	Dia	Ht
312-OB	100W	29W	12"	6"
314-OB	150W	29W	14"	6 ½"
316-OB	200W	29W	16"	7"

Lamp Types: INC, CFL, LED (LVE, LVF, LVX, LAC)
Mount to 4" octagon box with 3.5in spacing.

Yard Light

Cat.#	Max Watt	Dia	Ht	Arm Length
250	100W	12"	5 ½"	½"x12"

Includes arm and wall plate. Medium base only.

View additional RLM Designs visit —
www.BockLighting.com

▲ Mars Electric - Cleveland, OH - Downlight Reflector with Wire Guard

18" Uplight

Cat.#	Max Watt	LED Max Watt	Dia	Ht
918UL	300W	58W	18"	17 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Downlight Reflector

Cat.#	Max Watt	LED Max Watt	Dia	Ht
914DL	300W	29W	14"	13 ½"
916DL	300W	58W	16"	15 ¼"
918DL	300W	58W	18"	17 ¾"
924DL	300W	58W	24"	18 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Standard Reflectors

Self Ballasted Dome

Cat.#	Max Watt	LED Max Watt	Dia	Ht
516B	175W	58W	16"	13"
520B	175W	58W	20"	14"

Driver/Ballast built into reflector.
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Self Ballasted Cone

Cat.#	Max Watt	LED Max Watt	Dia	Ht
110B*	100W	29W	10"	9 ¼"
116B	175W	58W	16"	13"
120B	175W	58W	20"	14 ¾"

Driver/Ballast built into reflector.
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)
*110B -External Driver/Ballast enclosure may be required

▼ Metroparks Zoo - Cleveland, OH
Self Ballasted Dome with Wire Guard, Custom Backplate

Self Ballasted Deep Bowl

Cat.#	Max Watt	LED Max Watt	Dia	Ht
914B	175W	25W	14"	16"
916B	175W	58W	16"	17"
918B	175W	58W	18"	19"

Driver/Ballast built into reflector.
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Standard Reflectors

901 Island Light

Cat.#	Max Watt	LED Max Watt	Dia	Ht
901	150W	19W	20"	18"

Sturdy cast aluminum housing fits over 2 ⅜" O.D.
Tenon, secured with 3 set screws. Glass globe is required.
Lamp Types: INC, CFL, LED (LVE)

902 Island Light

Cat.#	Max Watt	LED Max Watt	Dia	Ht
902	150W	19W	27"	17"

Sturdy cast aluminum housing fits over 2 ⅜" O.D.
Tenon, secured with 3 set screws. Glass globe is required.
Lamp Types: INC, CFL, LED (LVE)

▼ Seabrook, WA - Island Light

SIGN
LIGHTERS

Bock RLM angled reflectors are great for sign and entrance way applications, when used with a gooseneck. We offer a wide variety of goosenecks and custom capabilities that help with meeting your requirements. Bock can provide photometric files and layout services to help aid in your design.

Emblem Sign

Cat.#	Max Watt	LED Max Watt	Dia	Ht
6208	100W	19W	8"	10 ⅛"
6210	150W	19W	10"	11 ¾"
6212	200W	29W	12"	13 ¾"
6214	300W	29W	14"	15 ¾"
6218	300W	37W	18"	21 ½"
6222	300W	37W	22"	23 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX)

Step Neck Angle

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN608	100W	19W	8"	9 ½"
SN610	150W	19W	10"	12"
SN612	200W	29W	12"	14 ¼"
SN614	300W	29W	14"	15 ¼"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX)

▼ Wender & Roberts Pharmacy - Emblem Sign

Bock Lighting

Reflector	Gooseneck	"A"
SN608 / 6208	GN23A	34 1/4"
SN610 / 6210	GN23A	35 3/4"
SN612 / 6212	GN23A	37 1/4"
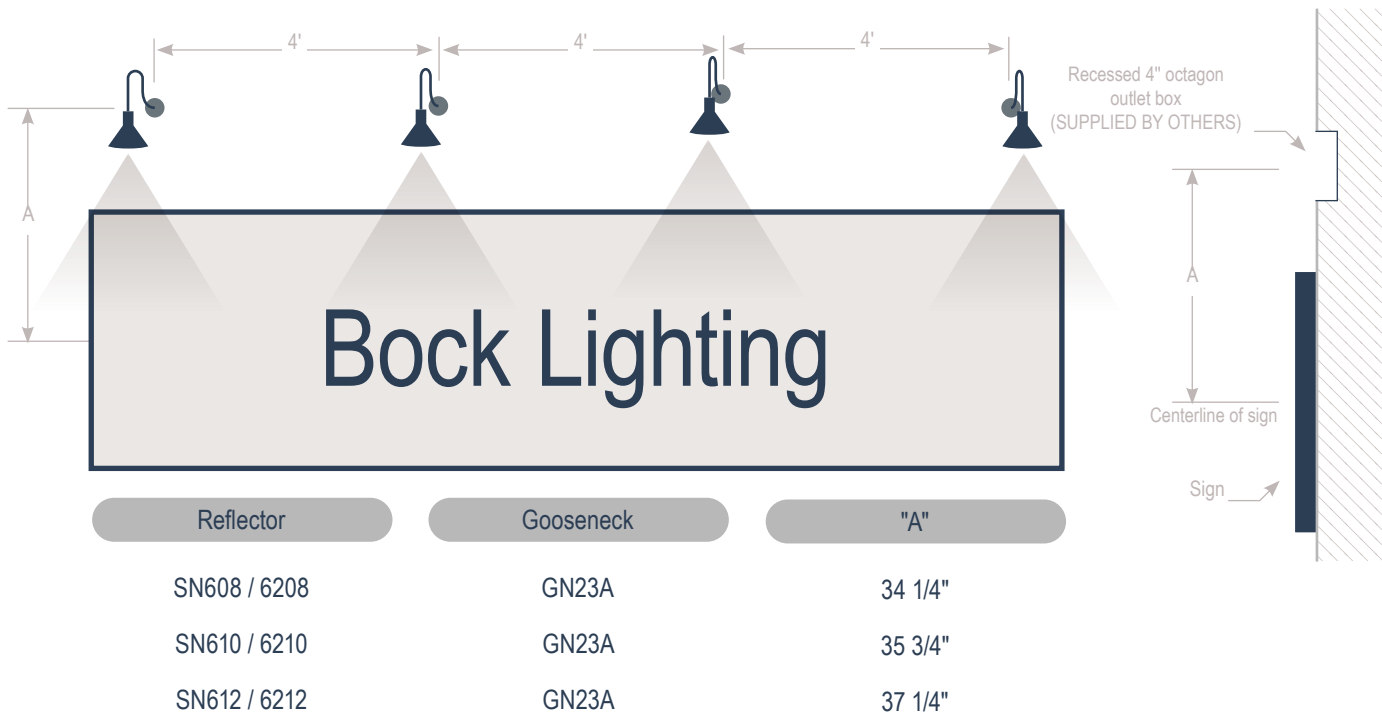
Quick Design Tip: When using Bock's GN23A gooseneck to position the RLM angled reflector, mount the gooseneck 34-37 inches above the center of the sign. Spacing between fixtures should not exceed four feet.

▼ Foothills Brewing - Winston-Salem, NC - Step Neck Angle

Dècor

120HX & 160HX

Cat.#	Max Watt	LED Max Watt	Dia	Ht
120HX	100W	29W	13"	6½"
160HX	150W	29W	16"	8½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

JH-912

Cat.#	Max Watt	LED Max Watt	Dia	Ht
JH-912	100W	29W	12"	11"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

76HC

Cat.#	Max Watt	LED Max Watt	Dia	Ht
76HC	100W	19W	14½"	8"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

CSRSN-910

Cat.#	Max Watt	LED Max Watt	Dia	Ht
CSRSN-910	100W	19W	6¾"	9¾"
CSRSN-910VN	100W	19W	6¾"	9¾"

CSRSN Comes in both non-vented and vented style.
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

BH

Cat.#	Max Watt	LED Max Watt	Dia	Ht
BH	100W	19W	12"	10¾"
BHVN	100W	19W	12"	10¾"

BH Comes in both non-vented and vented style.
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Dècor

TENDA

Cat.#	Max Watt	LED Max Watt	Dia	Ht
TEND17	100W	58W	16½"	12"

Glass version available in our Decorative Commercial offering (see website).Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

BERETTO

Cat.#	Max Watt	LED Max Watt	Dia	Ht
BERET15	100W	29W	15"	7½"
BERET20	100W	29W	20"	10"

Larger Sizes including 24", 36", 48" available in our Decorative Commercial offering (see website).
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

BUCANEVE

Cat.#	Max Watt	LED Max Watt	Dia	Ht
BUC6	100W	19W	6½"	8¼"

Glass version available in our Decorative Commercial offering (see website).
Lamp Types: INC, CFL, LED (LVE, LVF, LVX, LAC)

SOFFIONE

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SOF9	100W	19W	9"	10½"

Glass version available in our Decorative Commercial offering (see website). Lamp Types: INC, CFL, LED (LVE, LVF, LVX, LAC)

MARGHERITA

Cat.#	Max Watt	LED Max Watt	Dia	Ht
MARG11	100W	19W	11½"	8½"

Glass version available in our Decorative Commercial offering (see website).
Lamp Types: INC, CFL, LED (LVE, LVF, LVX, LAC)

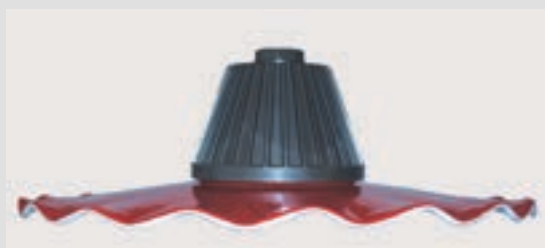# Dècor

The Bock RLM SB Series adds a more industrial look to the classic RLM. The decorative top casting provides a distinctive accent to the Standard Dome (5), Radial Wave (RW), Downlight Reflector (DL), and Shallow Cone (HX) reflector shapes.

SB-5

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SB-512	100W	29W	12	8 1/4"
SB-514	150W	29W	14	8 1/4"
SB-516	200W	29W	16.	9 3/4"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

SB-RW

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SB-RW16	100W	29W	16"	6"
SB-RW20	150W	29W	20"	6 1/8"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

SB-DL

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SB-916DL	200W	58W	16"	13 7/8"
SB-918DL	200W	58W	18"	15"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

DATURA

Cat.#	Max Watt	LED Max Watt	Dia	Ht
DAT10	100W	19W	10 1/2"	9 3/4"

Glass version available in our Decorative Commercial offering (see website).
Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

AG

Cat.#	Max Watt	LED Max Watt	Dia	Ht
AG12	100W	29W	12"	6"
AG14	150W	29W	14"	6 3/4"
AG16	200W	29W	16"	7 1/2"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

AH

Cat.#	Max Watt	LED Max Watt	Dia	Ht
AH08	100W	19W	8"	9 1/2"
AH10	100W	19W	10"	11 1/2"
AH12	100W	19W	12"	13 3/4"
AH14	150W	29W	14"	15 3/4"
AH16	150W	29W	16"	18"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

AL

Cat.#	Max Watt	LED Max Watt	Dia	Ht
AL12	100W	19W	12"	7½"
AL14	100W	29W	14"	10"
AL16	150W	29W	16"	14 1/4"
AL18	200W	58W	18"	18"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

AK

Cat.#	Max Watt	LED Max Watt	Dia	Ht
AK10	100W	13W	10"	9"
AK10VN	100W	13W	10"	9"

AK Comes in both non-vented and vented style.
Lamp Types: INC, CFL, LED (LVE, LVF, LVX, LAC,)

Metro Series

APPLICATION: A contemporary fixture design which accentuates modern architectural schemes. The Metro Series offers a wide variety of light sources, sizes and finishes ensuring the specifier a design choice that will reflect their theme.

STYLES: The Metro Series is available in four basic designs that can be either top or wall-mounted.

MOUNTING
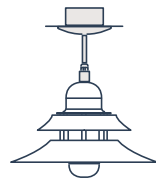
T - Top Mounted
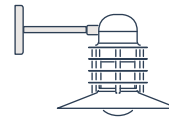
W - Wall Mounted

REFLECTOR DESIGNS
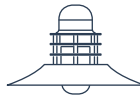
PLS   PLB   PLE   PLU

LAMP TYPES: The Metro Series fixtures are compatible with a variety of lamp types and light sources, including: Incandescent, CFL and LED. Drivers/ballasts are remotely mounted.

HOUSING: Heavy gauge spun aluminum.

GLASS GLOBE: 41 style glass globe required. Complete 41 globe offering can be found on page 44.

MOUNTING: Fixtures may be top or side-mounted and are compatible with all ¾" Bock gooseneck, wall, or pole-top brackets. Custom mounting options are available.

▼ Sign Lighter with Gooseneck   ▼ WPLS with custom mounting

10 1/4"

ø 6"

TPLSNR6 / WPLSNR6

10 1/4"

9 3/4"

ø 12"

TPLS12 / WPLS12

10 1/4"

ø 14"

TPLS14 / WPLS14

10 1/2"

ø 16"

TPLS16 / WPLS16

11 1/2"

ø 20"

TPLS20 / WPLS20
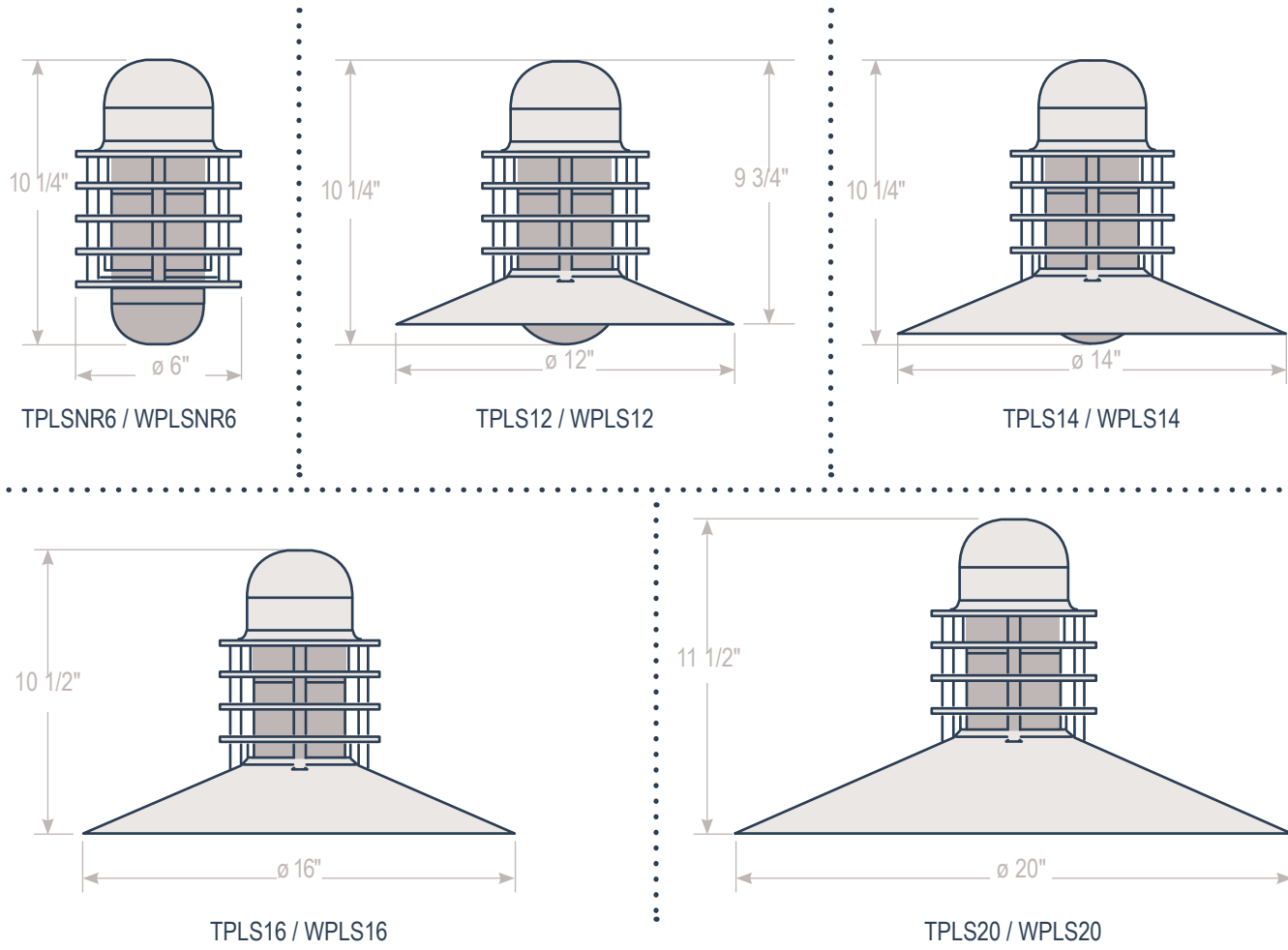
▼ Charleston, SC - Metro Series - WPLS with custom mounting
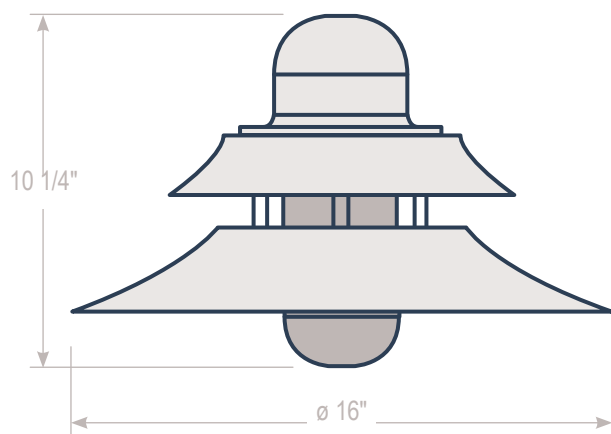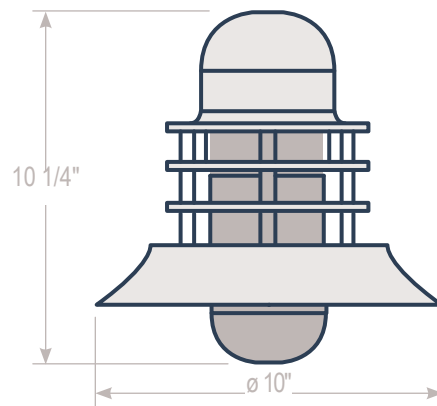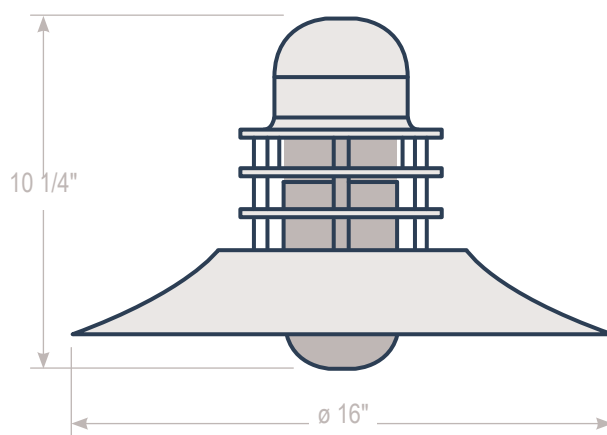
10 1/4"

ø 16"

TPLB16 / WPLB16

10 1/4"

ø 10"

TPLE10 / WPLE10

10 1/4"

ø 16"

TPLE16 / WPLE16

10 1/4"

ø 6"

TPLUNR6 / WPLUNR6

10 1/4"

ø 12"

TPLU12 / WPLU12

10 1/4"

ø 14"

TPLU14 / WPLU14

10 1/4"

ø 16"

TPLU16 / WPLU16

10 1/4"

ø 20"
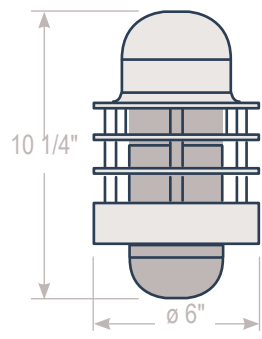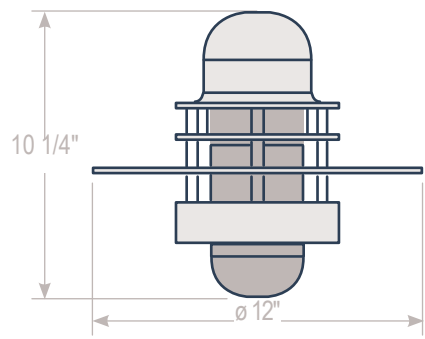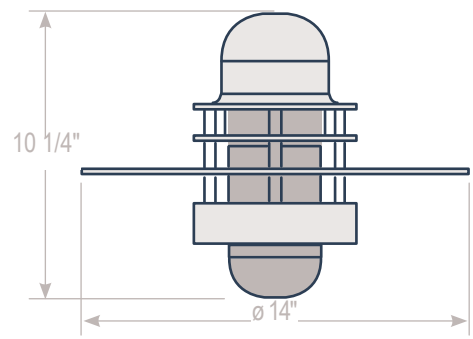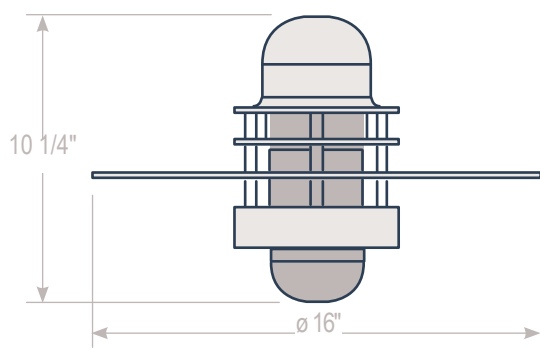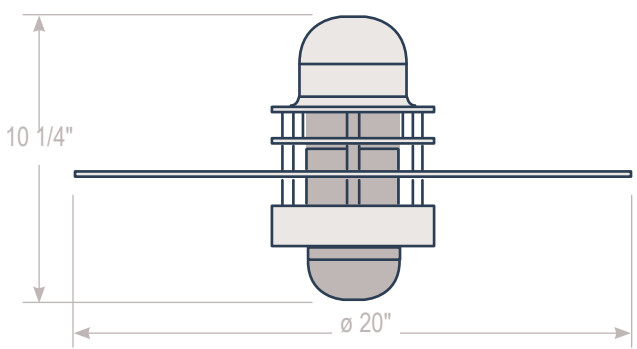
TPLU20 / WPLU20

▼ Bell Bishop Arts Apartments - Dallas, TX - Metro Series - TPLS

HOT DIPPED GALVANIZED FINISH

HOT DIPPED GALVANIZED IS AN OLD PROCESS IN A NEW APPLICATION.
Some items shown are optional accessories.

▼ The Goo Goo Shop - Nashville, TN - Galvanized Step Neck Dome

HOT DIPPED GALVANIZED RLM DESIGN REFLECTORS

The Bock RLM Series reflectors are available in a hot-dipped galvanized finish. This shiny, spangled surface, created by dipping the reflectors in a hot zinc bath, offers a dramatic accent, as well as, a protective layer against corrosion and increases fixture durability. There are four (4)
shapes available in a galvanized finish.

Step Neck Dome

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN512GV	100W	29W	12"	9"
SN514GV	150W	29W	14"	9"
SN516GV	150W	29W	16"	10 ½"
SN518GV	150W	37W	18"	11 ½"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Radial Wave

Cat.#	Max Watt	LED Max Watt	Dia	Ht
RW16GV	100W	29W	16"	6 3/4"
RW20GV	150W	29W	20"	7"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Step Neck Deep Bowl / Downlight

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN908GV	100W	19W	8"	7"
SN910GV	150W	19W	10"	9"
SN912GV	150W	29W	12"	11"
918DLGV	150W	58W	18"	17 3/4"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX, LAC)

Step Neck Angle

Cat.#	Max Watt	LED Max Watt	Dia	Ht
SN608GV	100W	19W	8"	9 1/2"
SN610GV	150W	19W	10"	12"
SN612GV	150W	29W	12"	14 1/4"
SN614GV	150W	29W	14"	15 1/4"

Lamp Types: INC, CFL, LED (LMH2, LVE, LVF, LVX)

Powder Coat Finishes

Bock offers a large pallet of standard finishes. All of our finishes are outdoor rated and come with a five (5) year warranty. Bock's standard color codes beginning with G followed by a number. Standard offering is white interior and your choice of exterior color. Further customization can easily be changed by specifying in the part number designations for inside, outside and trim color (see example below).

Specifying Finish:
Outside Color, use lowercase e prefix.
Inside Color, use lowercase i prefix.
Trim Color, can either be Black (BK) or White (WH) and uses the lowercase tr prefix.

Building Part Example
516-iG9-eG10 = 516 Reflector with Silvadillo interior, Dark Green exterior.
516-G10 trBK = 516 Reflector with White interior, Dark Green exterior and Black Trim.

What is Powder Coating?
Powder coating is the process of coating a surface in which a powder is electrically charged to metal. The applied powder is then heated (cured) to its melting point. It flows to form a smooth film which cools to a firm, durable finish very resistant to scratches, cracking, peeling,UV rays and rust.

G0	G1	G2	G3	G4	G5
Black	White	Red	Yellow	Blue	Green

G6	G7	G8	G9	G10	G11
Brown	Verdisgris	Dark Bronze	Silvadillo	Dark Green	Copper

The printed color samples shown are subject to the various effects of printing and may vary slightly from the actual painted product.
Color swatches available upon request.

G12
Brushed
Aluminum

G13
Tan

G14
Gun Metal

G15
Rust

G16
Silver Wrinkle

G17
Architectural
Bronze

G18
Rock Garden
Green

G20
Silver Cast

G21
Hammered
Copper

G22
Dark Platinum

G23
Silver Camaro

G24
Orange

G25
Navy Blue

G26
Chrome

G27
Matte Black

G28
Sun Gold

G29
Brilliant Blue

G50
Neon Orange

G51
Neon Pink

G52
Neon Yellow

G53
Neon Lime Green

Don't see the color you want?

Bock is able to match your color needs
with RAL and beyond.
Call us (216-912-7050) or
email us (sales@bocklighting.com)
for more info on color matching.

TRIM FINISH

Add a trim color to the rim of the RLM shade.

-trWH = White Trim

-trBK = Black Trim

Building Part Example: 516-G1-trBK

Lamp Type

Selecting the proper light source for your RLM is key. Bock offers many different light source options to meet your project's needs. The classic
medium base socket is standard on all RLMs. We use the highest quality two piece glazed porcelain socket, that will last for decades to come. We also offer the latest in LED technology with a vast selection of light outputs and color temperature. Also available in Compact Fluorescent.

SOCKETS

Lamps by others

MED5	Medium Base Socket, Heavy duty porcelain with spring loaded center contact and lamp grip screwshell.
MOG6	Mogul Base Socket, Heavy duty porcelain with spring loaded center contact and lamp grip screwshell.
MED5MP	Medium Base Protected Socket, Heavy duty porcelain with spring loaded center contact and lamp grip screwshell.
MOG6MP	Mogul Base Protected Socket, Heavy duty porcelain with spring loaded center contact and lamp grip screwshell.
GU24	Allows for Self Ballasted Compact Fluorescent Lamps.

LED

We provide many different LED modules to fit all application needs from high light output to decorative with Jelly Jar. We partner with the best in LED and driver manufacturers to provide efficient, long lasting and quality lighting. Our LED offering is changing constantly, for the latest LEDs see our website www.BockLighting.com/LED.

PHILIPS　　　**⟨LUTRON**　　　**OSRAM**

ERP POWER　　　**bridgelux**　　　**CREE**

Lamp Type

LMH2D

LED: Cree LMH2D Module
Driver: Osram OPTOTRONIC Dims down to 1% with 0-10V, Universal Voltage, Lutron available.
      If dimming is required, add 0-10V to end of part number.
Driver Enclosure: Required on non-Self Ballasted Fixtures, Max distance to driver is 30FT.
Lens: Module has Domed Lens, Not compatible with Jelly Jar or corresponding Cast Guards.
Cooling: Passive

Building Part: LMH2D-Lumens-Kelvin-Dimming

	Wattage	Lumens	Kelvins	CRI
LMH2D-850LM-XXK	10W	850	27/35/40K	90+
LMH2D 1250LM-XXK	16W	1250	27/35/40K	90+
LMH2D-2000LM-XXK	25W	2000	27/35/40K	90+
LMH2D-3000LM-XXK	37W	3000	27/35/40K	90+

2000LM & 3000LM only available
on Reflectors 18" Diameter and above.

LVE

LED: Bridgelux Vero or Cree CXB COB with 80 CRI standard & 90 CRI option available.
Driver: Philips Xitanium, Dims down to 1% with 0-10V, Universal Voltage, Lutron available.
      If dimming is required, add 0-10V to end of part number.
Driver Enclosure: Required on non-Self Ballasted Fixtures, Max distance to driver is 30FT.
Lens: Requires Jelly Jar for outdoor use, flat lens can be used for indoors.
Compatible with Cast Guards. Works with 41 & 42 Jelly Jar Sizes.
Cooling: Passive

Building Part: LVE-Lumens-Kelvin-CRI-Dimming

Wattage is based on 80 CRI.

	Wattage	Lumens	Kelvins	CRI
LVE-850-XXK-XXCRI	8W	850	27/30/35/40K	80/90
LVE-1250-XXK-XXCRI	11W	1250	27/30/35/40K	80/90
LVE-1600-XXK-XXCRI	14W	1600	27/30/35/40K	80/90
LVE-2000-XXK-XXCRI	19W	2000	27/30/35/40K	80/90
LVE-3000-XXK-XXCRI	29W	3000	27/30/35/40K	80/90

Only with 42 Size Jelly Jar
and Metro Series

Lamp Type

LVF & LVX

LED: Bridgelux Vero or Cree CXB COB with 80 CRI standard & 90 CRI option available.
Driver: ERP Driver, 120V, Triac Dimming, Max distance to driver is 30FT.
Driver: LVF: Goes inside 2-1/8" deep jbox.
                  LVX: Goes above Jelly Jar, extends glass down by 1in.
Lens: Requires Jelly Jar for outdoor use, flat lens can be used for indoors.
Compatible with Cast Guards. Works with 41 & 42 Jelly Jar Sizes
Cooling: Passive

Building Part: LVF-Wattage-Kelvin-CRI or LVX-Wattage-Kelvin-CRI

Wattage is based on 80 CRI

	Wattage	Lumens	Kelvins	CRI
LVF-9W-XXK-XXCRI LVX-9W-XXK-XXCRI	9W	950	27/30/35/40K	80/90
LVF-13W-XXK-XXCRI LVX-13W-XXK-XXCRI	13W	1,400	27/30/35/40K	80/90
LVF-19W-XXK-XXCRI LVX-19W-XXK-XXCRI	19W	2,000	27/30/35/40K	80/90

▲ LVF01   ▲ LVX01

LAC

LED: SMD High Power LEDs
Driver: On board A/C, 120V, Triac Dimming
Lens: Includes clear lens. Not compatible with Jelly Jar or corresponding Cast Guards
Use: Indoor Use Only
Cooling: Passive

Building Part: LAC-Wattage-Kelvin

	Wattage	Lumens	Kelvins	CRI
LAC-13W-XXK	13W	1,000	30/40K	80

LBA

LED: Bridgelux Vero or Cree CXB COB with 80 CRI standard & 90 CRI option available.
Driver: Philips Xitanium, Dims down to 1% with 0-10V, Universal Voltage, Lutron available.
Driver Enclosure: Required on non-Self Ballasted Fixtures, Max distance to driver is 30FT.
Lens: Comes with flat frosted lens, not compatible with Jelly Jars
Use: Indoor Use Only
Cooling: Active Cooling

Building Part: LBA-Modules-Lumens-Kelvin-CRI

Wattage is based on 80 CRI.

	Wattage	Lumens	Kelvins	CRI
LBA-1-3000LM-XXK-XXCRI	29W	3000LM	27/30/35/40K	80/90
LBA-2-3000LM-XXK-XXCRI	58W	6000LM	27/30/35/40K	80/90
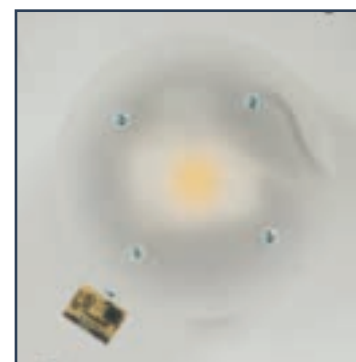
Lamp Type

LUTRON AVAILABLE

Lutron drivers are available in our LMH2, LVE, and LBA Modules. Lutron is known for providing the highest quality in lighting components. Dimming levels down to 0.1% with Hi-lume Premier drivers. Fixtures with Lutron have a more pleasant feel with Soft-on and Fade-to-Black dimming technology. Smart systems are available with software capable of mining data from digital EcoSystem drivers.

Add the following suffixes to add Lutron to a LED Module

Suffix	Wattage
PEQ0	Hi-lume Premier 0.1% Ecosystem, Universal Voltage
LDE1	Hi-lume 1% EcoSystem with Soft-On, Fade-to-Black, Universal Voltage
LTE	Hi-lume 1% 2-Wire LED Driver Forward-Phase, 120V Only
LDE5	5-Series EcoSystem, 5% Dimming, Universal Voltage

2018

LUTRON
**OEM
ADVANTAGE**

COMPACT FLUORESCENT

Ballast: Universal Voltage Max Distance from Ballast is 12FT
Socket: 4 Pin GX24q-4 Base, Lamp included with fixture.

Building Part: GXTWattage-Kelvin

	Wattage	Initial Lumens	Kelvins	CRI
GXT26-XXK	26W	1,800	27/35/41K	82
GXT32-XXK	32W	2,400	27/35/41K	82
GXT42-XXK	42W	3,200	27/35/41K	82

Driver/Ballast Enclosures

4 1/2" 6 1/2"

8 1/4"
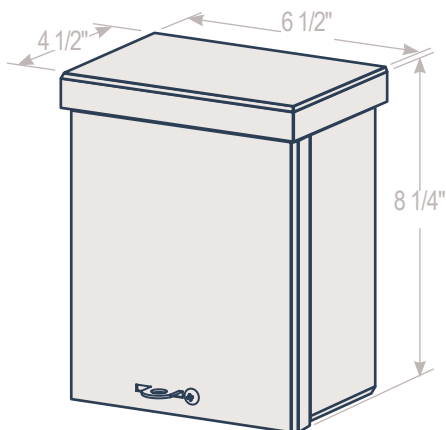
RO70 (70W Max)

WEATHER TIGHT REMOTE INDOOR / OUTDOOR
ENCLOSURE 70W Maximum.
> Heavy gauge steel case.
> Polyester powder coat finish — gray standard.
> cULus Listed for Wet Locations .
> NEMA3

Building Part: RO70-Finish

SC STYLE 3/4" GOOSE-
NECK
(SOLD SEPARATELY)

6" OD

3"

RECESSED
WIRING BOX BY
OTHERS
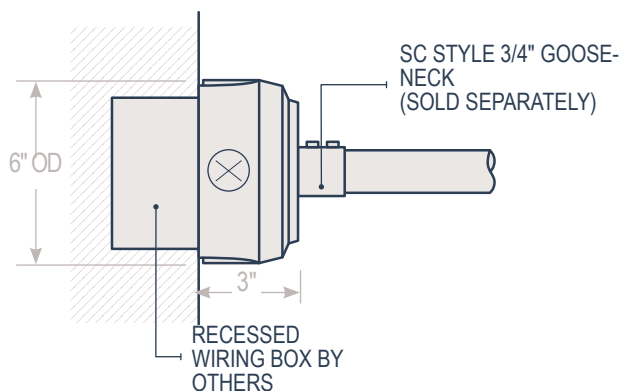
BCW5

"SC" GOOSENECKS
> For use only with "SC" style gooseneck brackets.
> For use with LED drivers and CFL ballasts.
> Finished in polyester powder coat.
> Mounts to recessed wiring box. (Box by others.) or 1/2" surface conduit.
> cULus Listed for Wet Locations.

Building Part: BCW5-Finish

SC STYLE 3/4" GOOSE-
NECK
(SOLD SEPARATELY)

6" OD

3"

RECESSED
WIRING BOX BY
OTHERS
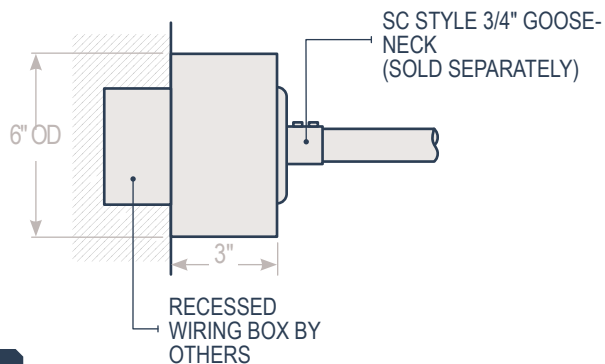
BCW6

"SC" GOOSENECKS
> For use only with "SC" style gooseneck brackets.
> For use with LED drivers and CFL ballasts.
> Finished in polyester powder coat.
> Mounts to recessed wiring box. (Box by others.)
> cULus Listed for Wet Locations.

Building Part: BCW6-Finish

6" OD

WIRING BOX
BY OTHERS

3"

SWIVEL ALIGNER
FOR STEM

STEM
(SOLD SEPARATELY)

4"

3 1/2"

1 1/2"

BOX MOUNTING
DETAIL
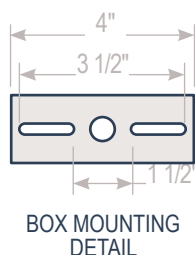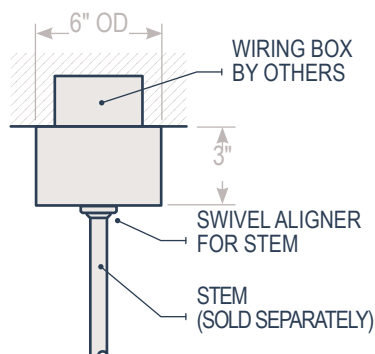
BCC6A

SWIVEL MOUNT STEM CANOPY

> For use only with 1/2" or 3/4" stem mounted fixtures. Stem sold separately.
> 45° angle is the maximum slope.
> For use with LED drivers and CFL ballasts.
> Finished powder coat.
> Mounts to recessed wiring box. (Box by others.)
> cULus Listed for Damp Locations.

Building Part: BCC6A-Thread Size-Finish

6" OD

WIRING BOX
BY OTHERS

3"

STRAIN RELIEF

10' STANDARD
LENGTH

4"

3 1/2"

1 1/2"

BOX MOUNTING
DETAIL
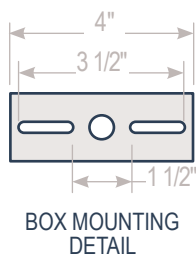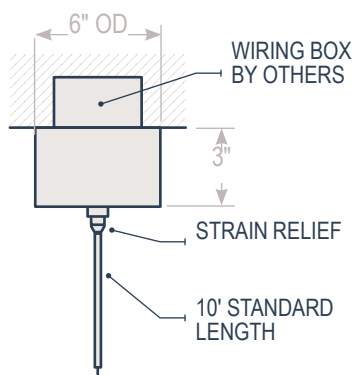
BCC6C-(BK/WH/...)

CORD MOUNT CANOPY

> For use with LED drivers and CFL ballasts.
> Powder coat finish. White or black to match cord standard.
> Mounts to recessed wiring box. (Box by others.)
> cULus Listed for Damp Locations.

Building Part: BCC6C-Cord Color-Finish

6" OD

WIRING BOX
BY OTHERS

3"

STEM
(SOLD SEPARATE-
LY)

4"

3 1/2"

1 1/2"

BOX MOUNTING
DETAIL
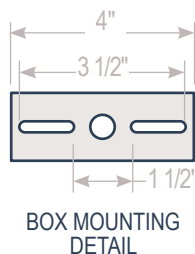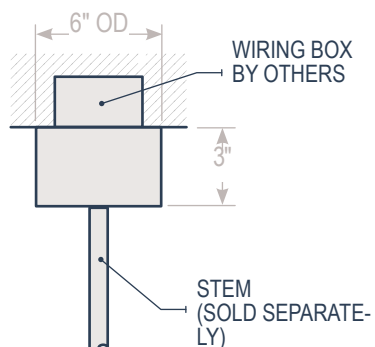
BCC6S

RIGID MOUNT STEM CANOPY

> For use only with 1/2" or 3/4" stem mounted fixtures. Stem sold separately.
> For use with LED drivers and CFL ballasts.
> Finished in polyester powder coat.
> Mounts to recessed wiring box. (Box by others.)
> cULus Listed for Damp Locations.

Building Part: BCC6S-Thread Size-Finish

Mounting Stem

640 CANOPY

Stem mounting available for ½" and ¾" N.P.T. pipe. Canopy is held in place with a slip ring. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4"
octagon box included. To order stems see below. Reflectors ordered with stems and canopies are factory wired and are suitable for damp location. Be sure thread sizes of canopy, stem and reflector hub all match.
NOTE: If installed outdoors use a thread sealant on all threads.

640-2 = ½" NPT Canopy
640-3 = ¾" NPT Canopy

Building Part: 640-Thread Size-Canopy Finish

642 CANOPY

Stem aligner is 5 5/8" Dia. x 1" deep. Self aligning aluminum die cast aligner fits 4" octagon box or Bock cast boxes and accommodates 1/2" or 3/4" N.P.T. pipe. Maximum travel 45°. Be sure thread size of canopy, stem and reflector hub all match.
NOTE: If installed outdoors use a thread sealant on all threads.

642-2 = ½" NPT Canopy with Aligner
642-3 = ¾" NPT Canopy with Aligner

Building Part: 642-Thread Size-Canopy Finish

STEMS

Pipe 1/2" or 3/4" threaded N.P.T. both ends.

Stem Length	Cat.# Stem Size	
	½" Pipe	¾" Pipe
12"	ST2-12	ST3-12
24"	ST2-24	ST3-24
36"	ST2-36	ST3-36
48"	ST2-48	ST3-48
60"	ST2-60	ST3-60
72"	ST2-72	ST3-72
96"	ST2-96	ST3-96

Additional lengths available on request, Consult Factory.
If installed outdoors use a thread sealant on all threads. Be sure thread size of reflector and stem both match.

Building Part: STThread Size-Length-Finish

▼ Ponce City Market - Atlanta, GA - Step Neck Dome

643 CANOPY

Cord suspension with canopy permanently attached with 2 mounting screws. Supplied with 10' of 18 gauge 3 conductor cord. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4" octagon box and strain relief included. Reflectors are suitable for damp location provided they are installed to accordance with local and national codes.

Building Part: 643-Cord Color-Canopy Finish

643HD CANOPY

Cord suspension with canopy permanently attached with 2 mounting screws. 10'. of 18 gauge 3 conductor cord. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4" octagon box and strain relief included. Reflectors are suitable for damp location provided they are installed to accordance with local and national codes.

Building Part: 643HD-Cord Color-Canopy Finish

643CHN CANOPY

Chain suspension with canopy supplied with 10' of 18 gauge 3 conductor cord and chain. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4" octagon box.

Chain Finishes: Brass, Silver

Building Part: 643CHN-Chain Finish-Cord Color-Canopy Finish

Standard Cord Options
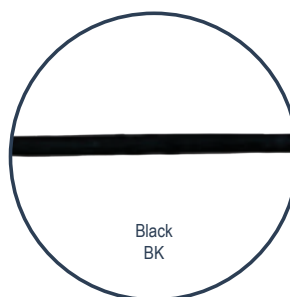
Black
BK
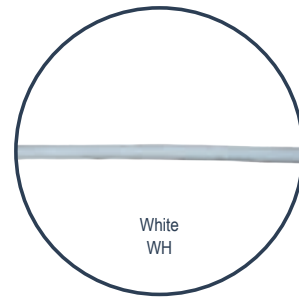
White
WH

Mounting Pendant

Add Color Code to the end of any of our Cord Canopy sets to get color cords.

Bock Lighting now offers cord color options beyond standard black and white, allowing designers to achieve a greater degree of coordination when choosing pendant fixtures mounted with a cord canopy solution. Available in eleven (11) colors, 18 gauge 3 conductor cord. Simply add the designated color code to the end of the cord canopy product number to order a cord in any color shown here.

Red CCRD	Bright Pink CCBP	Orange CCOR	Royal Blue CCRB
Light Blue CCLB	Lime Green CCLG	Forest Green CCFG	Black CCBK
White CCWH	Green Blue Brown Mix CCGBB	Black White 1 CCBW1	Silicone CSL
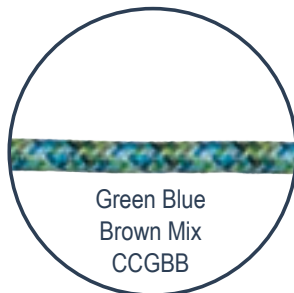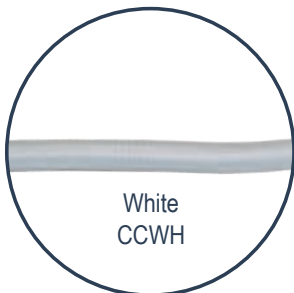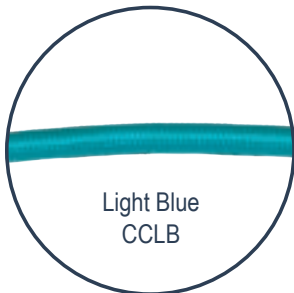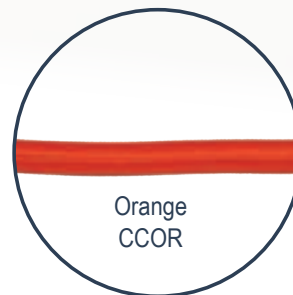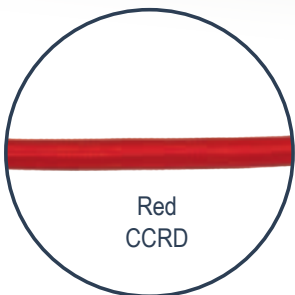
Gooseneck Pipe Brackets
For Outlet Box and Wall Mounting

Gooseneck Brackets made of 3/4" schedule 40 aluminum tubing threaded 3/4-14 N.P.T. on fixture end. These brackets are designed for recessed box or surface outlet box mounting. The bracket end slips into cast box cover plate (wall end is unthreaded). The pipe may be cut down, in the field, to shorten bracket length. RLMs supplied with these brackets are Underwriters Laboratories Inc.® Listed for Wet Locations' provided they are installed in accordance with local and national codes. If installed outdoors use a thread sealant on fixture end threads to prevent water entry.

SC-GN23A

6 1/2   R 4   R 4   6 1/2
3/4-14 N.P.T
23

SC-GN48B

6 1/2   R 4   R 4   *Guy-wire recommended.   6 1/2
3/4-14 N.P.T
48

SC-GN30C

R 7
13 1/2   13 1/2
R 4
3/4-14 N.P.T
30

SC-GN24D

9   R 7
3/4-14 N.P.T   16 1/2
R 7
24

SC-GN56F

R 16
19 1/2   R 16   5 3/4
*Guy-wire recommended.
3/4-14 N.P.T
56

SC-GN22H

R 4   R 4   6 1/2
12 1/3
3/4-14 N.P.T
22

SC-GN25J

R 7
3/4-14 N.P.T   9
25

SC-GN10K

R 9
3/4-14 N.P.T
10 3/4
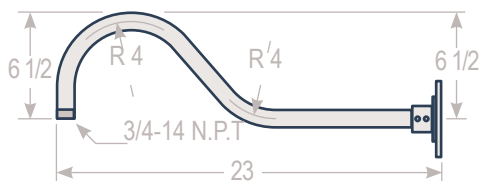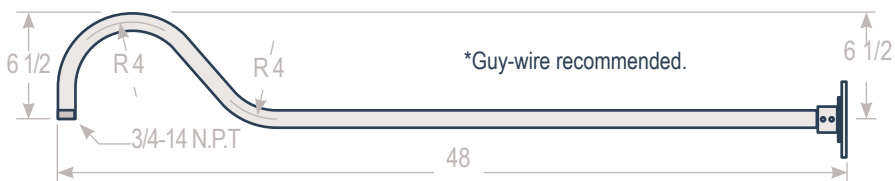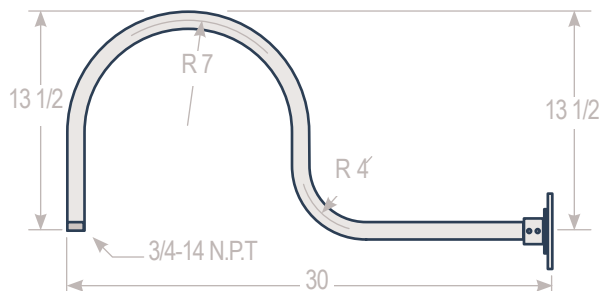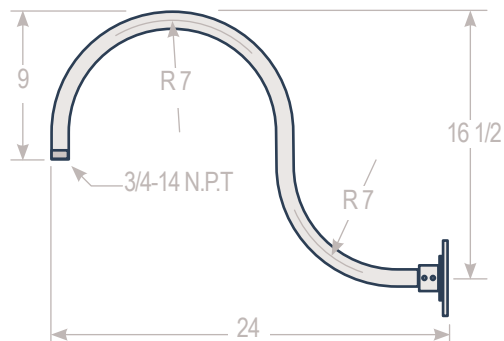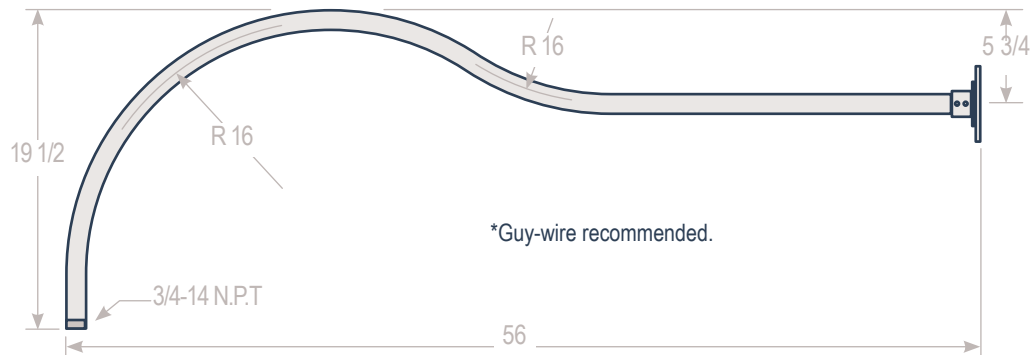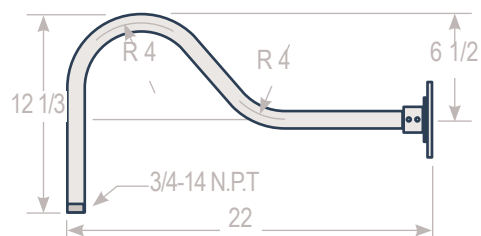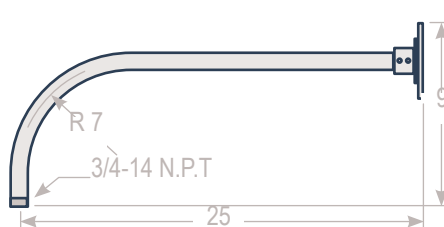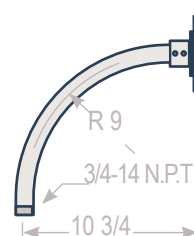
Gooseneck Pipe Brackets

SC-GN37U

3/4-14 N.P.T

37

SC-GN41P

R4 60°

*Guy-wire recommended.

3/4-14 N.P.T

41

8 7/8

SC-GN18I

3/4-14 N.P.T

18

SC-GN32G

R 7

R 7

16 5/8

28 5/8

*Guy-wire recommended.

R 7

3/4-14 N.P.T

32

SC-GN40E

R 14 1/2

17

40

3/4-14 N.P.T

SC Plate can be mounted from either end.

3/4-14 N.P.T

29
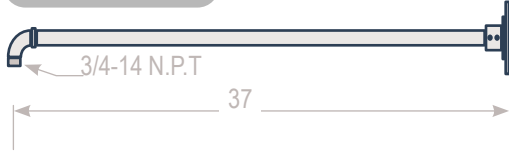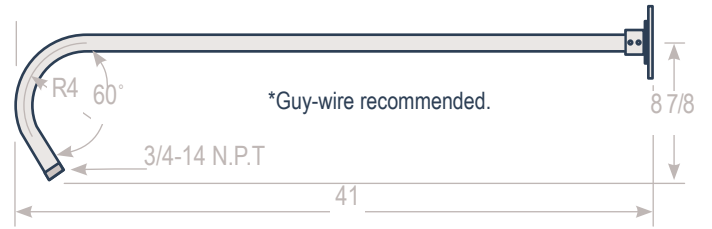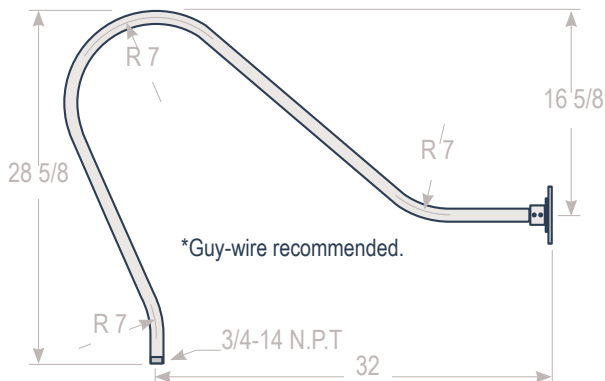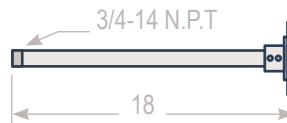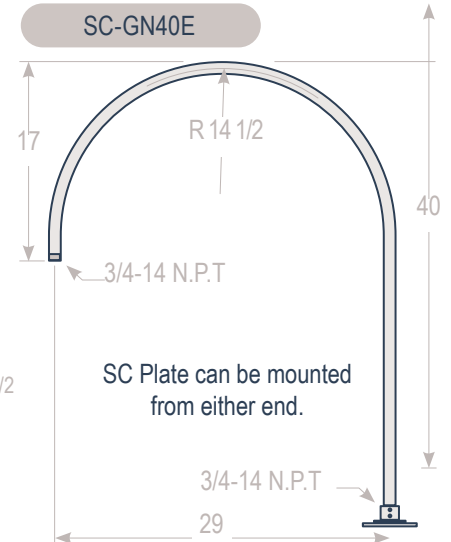
Surface box mounting of SC Flange Plate.

Optional Surface Box No. SC4 available in 1/2 and 3/4

Cast wall plate

Gooseneck

3/8-16 Set Screws

Conduit by Others
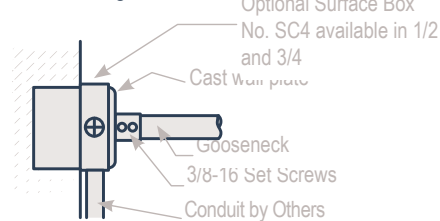
Guy wire for gooseneck
GW-1 - Single
GW-2 Double

Optional HMTG canopy

8

4

Slip Ring With Set Screw

Optional SCDCF canopy

5 1/2

2 1/4

Slip Ring With Set Screw
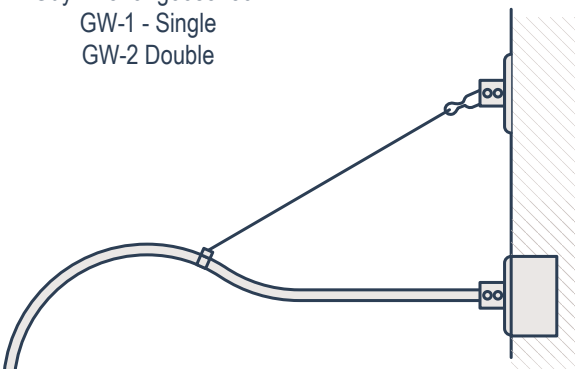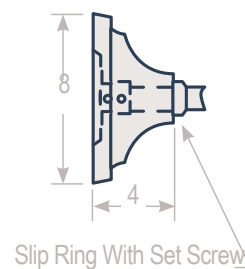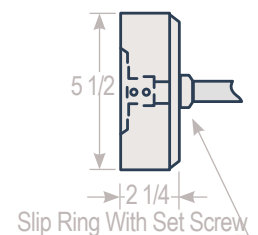
Dont see The Gooseneck you need?

We have a larger selection of goosenecks on our website. Bock fabricates goosenecks in house and can make the gooseneck to your applications needs.
Just send us a sketch of what you are looking for and we'll fabricate it to your needs.
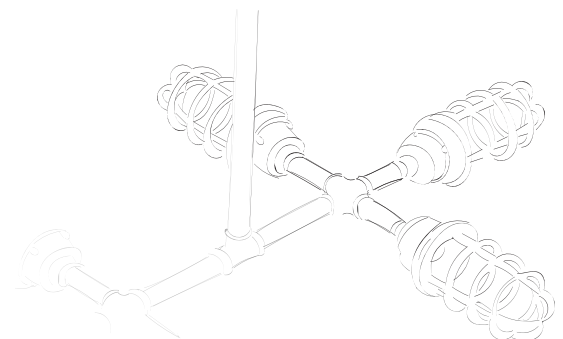
Pole Top and Wall Mount Brackets

Pipe made of 3/4" schedule 40 aluminum tubing threaded N.P.T on fixture end. Slipfitter supplied with 3/8-16 Stainless Steel set screws and will fit 3" O.D tenon. The aluminum scroll, if furnished, is attached to both the pipe and fitter portions of the bracket. Wall brackets are designed for a recessed outlet box. Surface conduit boxes are available. RLMs supplied with these brackets are Underwriter's Laboratories Inc.® Listed "Suitable for Wet Locations" provided they are installed in accordance with local and national codes. If installed outdoors use a thread sealant on fixture end threads to prevent water entry.

PT-1

slips 3" O.D. tenon.
R 9
17 1/2
3
Extruded Aluminum
3/4-14 N.P.T
18

PT-2

slips 3" O.D. tenon
R 9
Extruded Aluminum
3
3/4-14 N.P.T
6
36

PT-SC1

Cast Aluminum Pole Top Fitter Slips 3" O.D tenon
25 1/8
21
R 9
19 3/4
6
3/4-14 N.P.T

PT-SC2

Cast Aluminum Pole Top Fitter Slips 3" O.D tenon
50 1/4
42
R 9
19 3/4
3/4-14 N.P.T

PT-GN1

20 5/8
Decorative finial
R 7
3/4-14 N.P.T
30
Extruded aluminum slipfitter with 4 pairs of set screws slips 3" O.D. tenon

PT-GN2

41 1/4
Decorative finial
R 7
3/4-14 N.P.T
30
Extruded aluminum slipfitter with 4 pairs of set screws slips 3" O.D. tenon

Pole Top and Wall Mount Brackets

PT-CC1

30 3/8
R 14 1/2
3/4-14 N.P.T
49
26 3/8
10

Extruded aluminum slipfitter with 4 pairs of set screws slips 3" O.D. tenon

PT-SHC1

30
R 14 1/2
3/4-14 N.P.T
45
26
6
17

WB-SC1

3/4 schedule aluminum tubing with cast aluminum wall bracket

(4) 1/4" holes
8 9
4
5

23 3/4
R 9
18
3/4-14 N.P.T
21

WB-SC2

14

3/4 schedule aluminum tubing with cast aluminum wall bracket

(4) 1/4" holes
8 9
4
5

3/4-14 N.P.T
27 1/4
17 3/8

WB-GN1

19 3/8
R7
3 5/8
3/4-14 N.P.T
25 1/4
16 1/2 18
5
(4) 5/16" holes

1/4 Aluminum wall plate

WB-S-BX Back Box

2
9 6
5

7/8 K.O
Gasketed flange
Surface mount holes 3/8" 4 places

Aluminum welded construction for outdoor use

WB-G-BX Back Box

2 1/4"
7/8 K.O
Gasketed flange
18
15 1/4"
Surface mount holes 3/8" 4 places
5

Aluminum welded construction for outdoor use

OC Plate
Mount RLM Shade Directly to junction box.

DCMH
Direct Canopy Mount with Hex

Catenary
Use RLM Shades in Catenary applications.

Custom Mounting Options

Bock Lighting now offers custom mounting services that will create a solution to address the unusual needs of a project space or achieve the distinctive vision of a designer or owner. Let the Bock team dedicate their insight, experience, and manufacturing resources to overcoming project challenges and transforming dreams into reality.

▼ Sample Ceiling Structure

▼ Vans Headquarters - Costa Mesa, CA - Custom Chandelier

Globe Enclosures

Some RLM Series reflectors may require an enclosure around the lamp or light source for aesthetics, utility, or safety. Bock Lighting offers several styles and colors of enclosures, including globes, jelly jars, wire guards, and die cast aluminum guards. For more information on when an enclosure is necessary, use the Product Builder feature on the product pages of the Bock Lighting website.

Prismatic   Frost   Clear   Opal

Amber   Blue   Green   Red

Globe	Material	Color	Size		Max. Lamp Wattage		Max. Lamp Length (M.O.L.)
			Diameter	Length	INC	CFL	
41	Glass	Clear	3½"	6¾"	100	32	5"
41PR	Glass	Prismatic	3½"	6 ¾"	150	32	5"
41F	Glass	Frost	3½"	6 ¾"	150	32	5"
41C (OP,AM,BL,GN,RD)	Glass	5 Colors*	3½"	6¾"	100	32	5"
41SF	Glass	Frost	3½"	5"	100	32	5"
41S	Glass	Clear	3½"	5"	100	32	5"
41SPR	Glass	Prismatic	3½"	5"	100	32	5"

Globe	Material	Color	Size		Max. Lamp Wattage		Max. Lamp Length (M.O.L.)
			Diameter	Length	INC	CFL	
41L	Polycarbonate	Clear	3½"	6"	60	32	4½"
41LPR	Polycarbonate	Prismatic	3½"	6"	60	32	6½"
41LC (OP,AM,BL,GN,RD)	Polycarbonate	5 Colors*	3½"	6"	40	32	4½"

- Polycarbonate enclosures are not compatible with die cast guards

* Specify: RD - Red, GN - Green, BL - Blue, AM - Amber or OP - Opal

Globe Enclosures
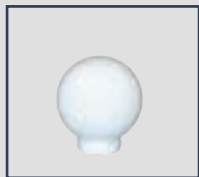
GG6

AG10

Polycarbonate
Clear

Polycarbonate
Prismatic

Polycarbonate
Opal

Globe	Material	Color	Size		Max. Lamp Wattage		Max. Lamp Length (M.O.L.)
			Diameter	Length	INC	CFL	
42	Glass	Clear	4½"	7¾"	200	42	7¼"
42PR	Glass	Prismatic	4½"	7¾"	300	42	7¼"
42C (OP,AM,BL,GN,RD)	Glass	5 Colors*	4½"	7¾"	200	42	7¼"

Globe	Material	Color	Size		Max. Lamp Wattage		Max. Lamp Length (M.O.L.)
			Diameter	Length	INC	CFL	
42L	Polycarbonate	Clear	4½"	8½"	100	42	7½"
42LPR	Polycarbonate	Prismatic	4½"	8½"	100	42	7½"
42LC (OP,AM,BL,GN,RD)	Polycarbonate	5 Colors*	4½"	8½"	60	42	7½"

- Polycarbonate enclosures are not compatible with die cast guards

Globe	Material	Color	Size		Max. Lamp Wattage		Max. Lamp Length (M.O.L.)
			Diameter	Length	INC	CFL	
GG6	Glass	Opal	6" (Diameter)		75	32	4½"
AG10	Acrylic	Opal	10" (Diameter)		100	42	7½"
PG10	Polycarbonate	Opal	10" (Diameter)		150	42	7½"

- Not compatible with cast guards

* Specify: RD - Red, GN - Green, BL - Blue, AM - Amber or OP - Opal

Flat lens available on the LVE, LVF and
LVX in lieu of globe (indoor only).

Glass Enclosure Guards

GUARDS FOR ENCLOSING GLASS GLOBES

WIRE GUARD 31

WIRE GUARD 32

DIE CAST ALUMINUM GUARD 31DCG
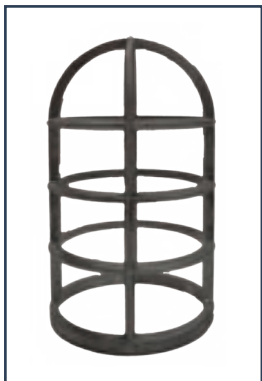
DIE CAST ALUMINUM GUARD 32DCG

Die Cast aluminum guards can come in natural aluminum finish. Powder coat finishes are optional. Guards will not fit Polycarbonate Globes.

Cat.#	Description	Fit Globes
31	Wire Guard	41, 41PR, 41C
32	Wire Guard	42, 42PR, 42C

Cat.#	Description	Fit Globes
31DCG	Die Cast Aluminum Guard	41, 41PR, 41C
32DCG	Die Cast Aluminum Guard	42, 42PR, 42C

▼ Die Cast Aluminum Guard
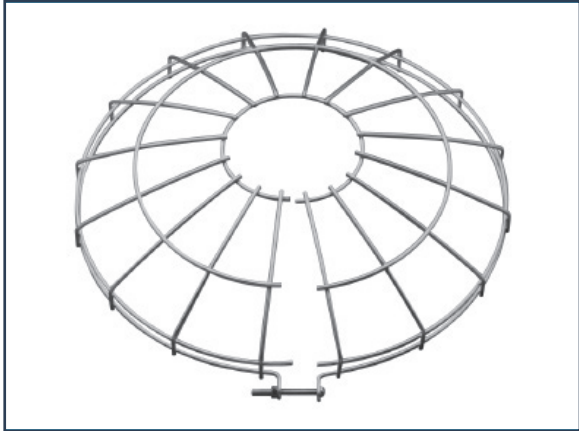
REFLECTOR WIRE GUARD

Standard finish is bright zinc or powder coating.

Cat.#	For Use With	Dia.	Depth
108AR	SN608, 6208, SN908	8"	2"
110AR	110B, SN610, 6210, SN910	10"	2"
112AR	312OB, 412, 512, SN612, 6212, SN912	12"	2"
113AR	6214	13"	2"
114AR	314OB, 414, 514, SN514, SN614, 914DL	14"	2 ½"
115AR	116B	15"	2 ½"
116AR	316OB, 416, 516, SN516, 516B	16"	2 ½"
118AR	518, SN518	18"	3"
120AR	120B, 520, 520B, SN520	20"	3"
4GR16	916DL, 916B	17"	2 ½"
4GR18	918DL, 918UL	19"	3"
4GR24	SN524, 924DL	24"	3"

▼ WTS Paradigm - Middleton, WI - Emblem Sign - Step Neck Standard Dome

DOME — 516

200W A-25 Inside Frosted
3640 Lumens - Spac. Crit. = 1.0

Ang.	CP	Lum.
0	1026	
5	1010	97
15	971	275
25	930	429
35	866	539
45	731	565
55	620	546
65	452	409
75	98	125
85	15	26
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	801	22.0
0 – 60	2451	67.3
0 – 90	3011	82.7
90 – 180	0	0.0
0 – 180	3011	82.7

Rf — Rc: 80 / 50 / 10 / 0 ; Rw values below

RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	98	98	98	98	92	92	92	84	84	84	83
1	90	87	83	80	81	79	77	75	74	72	70
2	82	76	70	66	71	67	63	66	63	61	59
3	75	66	60	55	63	57	53	58	55	51	49
4	69	59	52	46	56	50	45	52	47	44	42
5	63	52	45	39	50	43	39	46	42	38	36
6	58	47	40	34	45	38	34	42	37	33	31
7	54	42	35	30	41	34	30	38	33	29	28
8	50	39	32	27	37	31	26	35	30	26	25
9	47	35	29	24	34	28	24	32	27	24	22
10	44	33	26	22	31	26	21	30	25	21	20

SHALLOW DOME — 414

150W A-21 Inside Frosted
2850 Lumens - Spac. Crit. = 1.8

Ang.	CP	Lum.
0	716	
5	686	66
15	653	185
25	629	291
35	610	381
45	561	434
55	493	441
65	397	387
75	215	218
85	23	36
90	5	
95	0	5
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	542	19.0
0 – 60	1798	63.0
0 – 90	2439	85.5
90 – 180	5	.1
0 – 180	2444	85.7

RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	102	102	102	102	95	95	95	87	87	87	86
1	93	88	84	81	83	80	77	76	74	72	70
2	83	76	70	64	71	66	62	65	62	59	57
3	75	66	58	52	62	56	51	57	53	49	47
4	69	58	50	43	54	48	42	50	45	41	39
5	63	51	43	37	48	41	36	45	39	35	33
6	58	46	37	32	43	36	31	40	35	31	29
7	53	41	33	28	39	32	27	36	31	27	25
8	49	37	30	24	35	29	24	33	28	24	22
9	46	34	27	22	33	26	22	31	25	21	20
10	43	24	24	20	30	24	19	28	23	19	18

18" UPLIGHT — 918-UL

500W PS-35 Inside Frosted
10850 Lumens - Spac. Crit. = 1.4
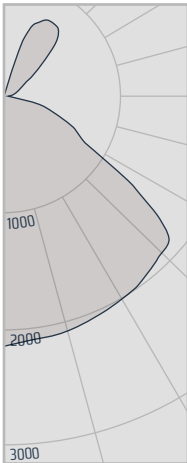
Ang.	CP	Lum.
0	2142	
5	2106	202
15	2088	591
25	2034	943
35	1989	1247
45	1908	1472
55	1393	1228
65	688	681
75	391	412
85	139	155
90	38	
95	22	39
105	91	95
115	142	143
125	240	238
135	605	456
145	765	477
155	707	322
165	62	54
175	34	3
180	27	

Zone	Lumens	% Lamp
0 – 30	1736	16.0
0 – 60	5683	52.3
0 – 90	6931	63.8
90 – 180	1827	16.8
0 – 180	8758	80.7

RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	92	92	92	92	80	80	80	67	67	67	64
1	84	80	77	74	70	68	66	59	58	56	54
2	77	70	65	60	62	58	55	52	49	47	45
3	70	62	55	50	54	50	46	46	43	40	38
4	64	54	48	42	48	43	39	41	37	34	32
5	58	48	41	36	43	37	33	36	33	30	28
6	54	43	36	31	39	33	29	33	29	26	24
7	50	39	32	27	35	29	25	30	26	23	21
8	46	35	29	24	32	26	22	27	23	20	19
9	43	32	26	22	29	24	20	25	21	18	17
10	40	30	23	19	27	22	18	23	19	16	15

18" DOWNLIGHT — 918-DL

500W PS-35 Inside Frosted
10850 Lumens - Spac. Crit. = 1.0
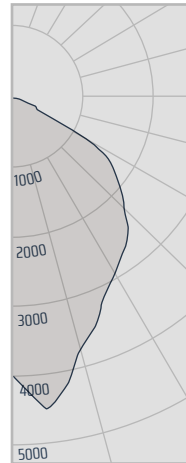
Ang.	CP	Lum.
0	3985	
5	4483	411
15	3752	1081
25	3144	1471
35	2745	1731
45	2291	1787
55	1771	1577
65	462	682
75	200	246
85	59	70
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	2963	27.3
0 – 60	8058	74.2
0 – 90	9055	83.4
90 – 180	0	0.0
0 – 180	9055	83.4

RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	99	99	99	99	93	93	93	85	85	85	83
1	92	89	86	83	83	81	79	77	76	74	73
2	85	79	74	69	74	70	67	69	66	64	62
3	78	70	64	59	66	61	57	62	58	55	54
4	72	63	56	51	59	54	50	56	52	48	47
5	66	56	49	44	54	48	43	51	46	43	41
6	61	51	44	39	49	43	38	46	41	38	36
7	57	46	39	35	44	39	34	42	37	34	32
8	53	42	36	31	41	35	31	39	34	30	29
9	50	39	32	28	38	32	28	36	31	28	26
10	47	36	30	26	35	29	25	33	29	25	24

DEEP BOWL — 912

200W A-21 Inside Frosted
4010 Lumens - Spac. Crit. = 1.0
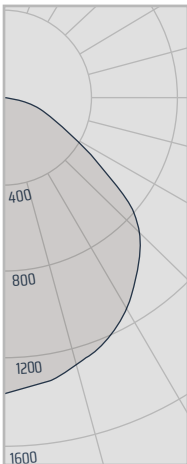
Ang.	CP	Lum.
0	1357	
5	1331	127
15	1268	360
25	1181	546
35	1043	653
45	883	670
55	515	478
65	263	271
75	139	148
85	38	43
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	1736	16.0
0 – 60	5683	52.3
0 – 90	6931	63.8
90 – 180	1827	16.8
0 – 180	8758	80.7

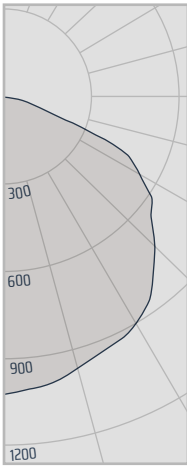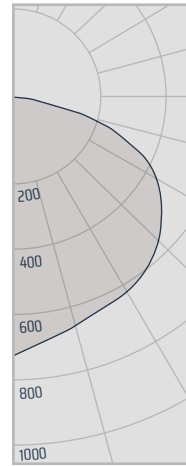| RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	98	98	98	98	91	91	91	84	84	84	82
1	90	87	84	81	81	79	77	75	74	72	71
2	83	77	71	67	72	68	65	67	64	62	60
3	76	68	62	57	64	59	55	60	56	53	52
4	70	61	54	49	58	52	48	54	50	47	45
5	65	55	48	42	52	46	42	49	44	41	39
6	60	49	42	37	47	41	37	44	40	36	35
7	56	45	38	33	43	37	33	40	35	32	31
8	52	41	34	30	39	34	29	37	33	29	28
9	48	38	31	27	36	31	27	35	30	26	25
10	45	35	29	24	34	28	24	32	27	24	23

RADIAL WAVE with Prismatic Globe — RW-20 w/42PR

200W A-21 Inside Frosted
4010 Lumens - Spac. Crit. = 1.0
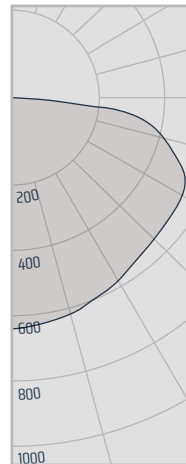
Ang.	CP	Lum.
0	660	
5	651	62
15	636	180
25	613	284
35	591	372
45	573	444
55	565	506
65	551	538
75	459	484
85	300	301
90	101	
95	0	110
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	526	13.1
0 – 60	1848	46.0
0 – 90	3171	79.0
90 – 180	110	2.7
0 – 180	3281	81.8

RCR	80·70	80·50	80·30	80·10	50·50	50·30	50·10	10·50	10·30	10·10	0
0	97	97	97	97	89	89	89	81	81	81	79
1	84	79	74	69	72	69	65	65	63	60	58
2	75	66	59	53	61	55	50	54	50	47	45
3	67	56	48	42	52	45	40	46	42	38	35
4	61	49	40	34	45	38	33	41	35	31	29
5	55	43	35	28	40	33	27	36	31	26	24
6	51	38	30	24	36	29	23	32	27	23	21
7	47	35	27	21	32	25	20	29	24	20	18
8	44	31	24	18	29	23	18	27	21	17	16
9	41	29	21	16	27	20	16	25	19	15	14
10	38	26	19	15	25	19	14	23	18	14	12

SELF BALLASTED DOME With Prismatic Globe

520B w/42PR

175W BD17 Clear Metal Halide
14000 Lumens - Spac. Crit. = 1.8

Ang.	CP	Lum.
0	2520	
5	2450	236
15	2410	693
25	2470	1178
35	2640	1677
45	2570	1969
55	2220	2003
65	1940	1918
75	850	994
85	162	190
90	34	
95	0	37
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	2107	15.0
0 – 60	7756	55.4
0 – 90	10858	77.5
90 – 180	37	.2
0 – 180	10895	77.8

Rf		20								
Rc	80				50			10		0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR										
0	93	93	93	93	86	86	86	79	79	79	78
1	84	80	76	73	74	72	69	68	67	65	63
2	75	68	62	57	64	59	55	59	55	53	51
3	68	59	52	46	55	49	45	51	47	43	41
4	61	51	44	38	48	42	37	44	40	36	34
5	56	45	37	32	42	36	31	39	34	30	29
6	51	40	33	27	38	32	27	35	30	26	24
7	47	36	29	24	34	28	23	32	27	23	21
8	44	33	26	21	31	25	20	29	24	20	19
9	41	30	23	18	28	22	18	27	22	18	16
10	38	27	21	16	26	20	16	24	20	16	15

SELF BALLASTED CONE With Prismatic Globe

120B w/42PR

175W BD17 Clear Metal Halide
14000 Lumens - Spac. Crit. = 1.6

Ang.	CP	Lum.
0	3336	
5	3228	308
15	2835	821
25	2786	1289
35	2741	1722
45	2630	2014
55	1926	2068
65	442	1800
75	115	621
85	22	130
90	0	
95	0	24
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	% Lamp
0 – 30	2418	17.2
0 – 60	8222	58.7
0 – 90	10773	76.9
90 – 180	24	.1
0 – 180	10797	77.1

Rf		20								
Rc	80				50			10		0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR										
0	92	92	92	92	86	86	86	79	79	79	77
1	84	80	77	74	75	72	70	69	67	66	64
2	76	69	64	59	65	61	57	60	57	54	53
3	68	60	53	48	56	51	47	52	48	45	43
4	62	53	45	40	50	44	39	46	42	38	36
5	57	47	39	34	44	38	33	41	36	33	31
6	52	42	34	29	39	33	29	37	32	28	26
7	48	37	30	25	36	29	25	33	28	25	23
8	45	34	27	22	32	26	22	30	25	22	20
9	42	31	24	20	30	24	20	28	23	20	18
10	39	28	22	18	27	22	18	26	21	18	16

12" WHITE POWDER COATED REFLECTOR
WITH PRISMATIC GLASS GLOBE
100 WATT INSIDE FROSTED INCANDESCENT LAMP - 1690 LUMENS

Ang.	CP	Lum.
0	235	
5	238	23
15	223	63
25	210	98
35	218	138
45	234	181
55	226	197
65	123	125
75	58	65
85	51	58
90	54	
95	59	63
105	61	66
115	69	67
125	56	49
135	25	21
145	17	11
155	14	7
165	12	3
175	6	1
180	8	

Zone	Lumens	% Lamp
0 – 30	184	10.8
0 – 60	700	41.4
0 – 90	948	56.0
90 – 180	288	17.0
0 – 180	1236	73.1

Rf		20								
Rc	80				50			10		0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR										
0	83	83	83	83	72	72	72	59	59	59	56
1	75	71	67	64	61	59	56	50	49	47	45
2	67	61	56	51	53	49	46	43	41	39	36
3	61	53	47	42	46	41	37	38	35	32	30
4	55	46	40	35	40	35	31	33	30	27	25
5	51	41	34	29	36	30	26	29	26	23	21
6	46	36	30	25	32	27	23	26	23	20	18
7	43	33	26	22	29	23	20	24	20	17	15
8	40	30	23	19	26	21	17	22	18	15	13
9	37	27	21	17	24	19	15	20	16	13	12
10	34	25	19	15	22	17	14	18	15	12	11

ISO FOOT CANDLE
DIAGRAM 10'
MOUNTING HEIGHT

1 F.C.

1 F.C.

.02 F.C.
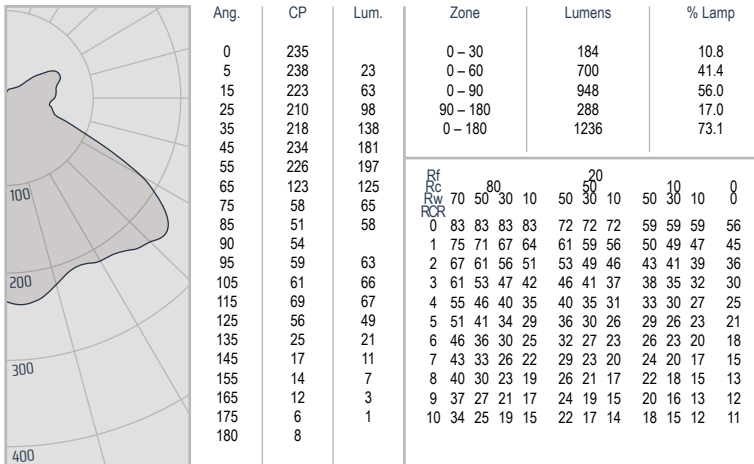
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At Bock, customized projects aren't exceptions, they're business as usual. We regularly work with designers to develop custom solutions and we recognize that each project has its own unique challenges and demands.

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▼ Old Carolina Barbecue Company - Rocky River, OH

▼ WTS Paradigm - Middleton, WI

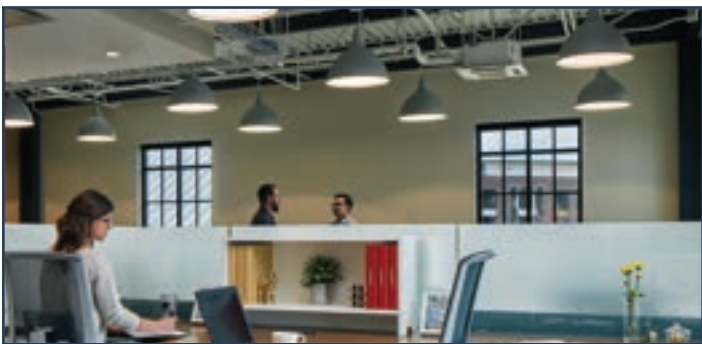▼ Vertical Runner - Brecksville, OH

▼ Lowes Foods

▼ Joe's Crab Shack
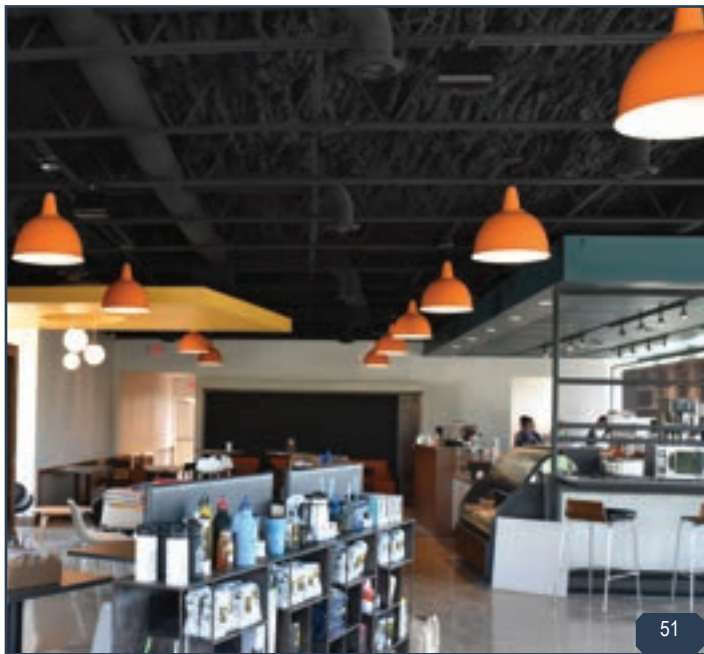

▼ Heine Brothers' Coffee - Louisville, KY

▼ Milton City Hall - Milton, GA
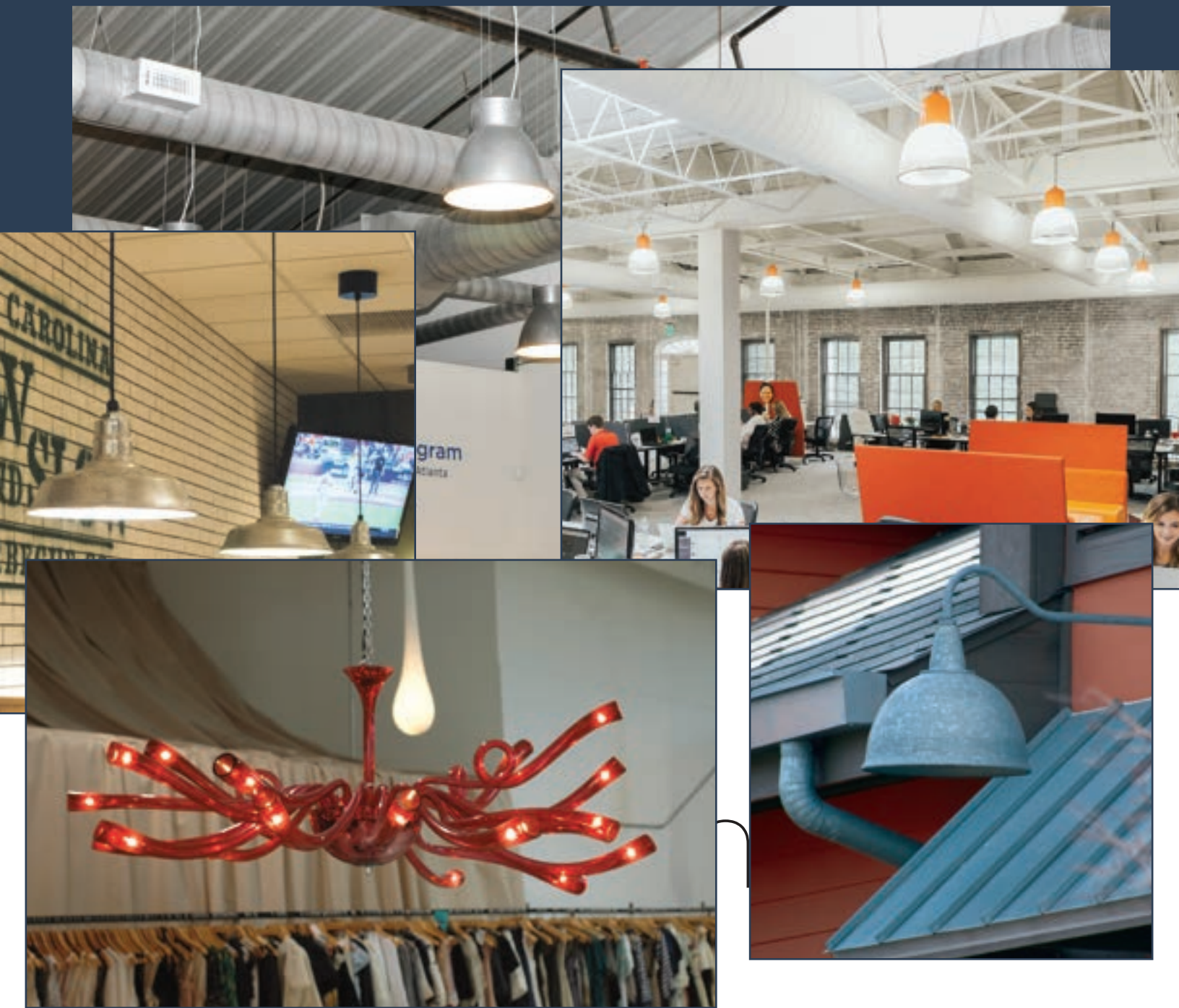
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