



BOYLSTON SERIES
DAMP / WET LOCATION
 SUBWAY LINE

PROJECT: _____
 QUANTITY: _____ TYPE: _____



SB1016GV
 AS - Anodic Sapphire



SB1016GV
 AC - Anodic Champagne



SB1016GV
 MB - Matte Black



SB1016GV
 PT - Platinum Silver

| SERIES | LUMENS ¹ | CCT | DRIVER / DIMMING ² | ACCESSORIES ³ | MOUNTING ⁵ | INTERIOR ⁹ | FINISH ⁹ | WET KIT |
|----------|----------------------------|--|--|---|--|---|---|-----------------------|
| SB1016GV | 15L 1500 Lm 27L 2700 Lm | 80 CRI | EX Electronic Driver, 120V/277V ELV/MLV, 120V D010X 1%, 0-10V, 120V/277V | ENCLOSURES TF1 ⁴ 3" Frosted Dome TG1 3" Dome Wire Guard MF1 3" Frosted Mini MG1 3" Short Wire Guard FJ1 3" Frosted Tall FG1 3" Tall Wire Guard | WALL MOUNT CP104 Small Driver Canopy CP104KO Small Driver Canopy w/ Knockouts CP6/RMD Remote Mount Driver SP90 ⁶ Straight Arm PA ⁶ Mounting Arm Style | MWI ¹⁰ Matte White CCI Custom Color FCI Fixture Color Interior | MW ¹⁰ Matte White MB ¹⁰ Matte Black PT ¹⁰ Platinum Silver CC Custom Color | WLKA Wet Location Kit |
| | | 90 CRI | | | | | | |
| | | 27K 2700K 30K 3000K 35K 3500K 40K 4000K | | | | See Page 5 for Full Range of Color Options (83-90083) | See Page 5 for Full Range of Color Options (83-90083) | |
| | | 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K | | | | | | |

EXAMPLE: SB1016GV15L30KEXTF1/RDC5CD72MWIPT

NOTES:
 1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 Enclosure, Wire Guard Required - Choose One Option
 4 Standard Enclosure 5 See Mounting Pages for Details on Components and Finishes 6 See Mounting Page for Available Arm Options
 7 Specify Length in Inches; See Mounting Page for Available Lengths 8 EMCR Replaces RDC5
 9 See Color Page for More Options/Consult Factory for Special Finishes 10 Standard Finishes



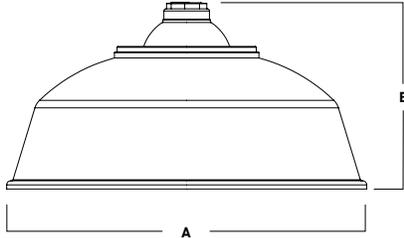


BOYLSTON SERIES
DAMP / WET LOCATION
SUBWAY LINE

| LUMENS / WATTAGE DATA | | | | |
|-----------------------|----------------------------|-------------------------------|--------------|-----|
| PART NUMBER | SOURCE LUMENS ¹ | DELIVERED LUMENS ² | SYSTEM WATTS | LPW |
| SB1016GV15L | 1500 | 1284 | 11 | 117 |
| SB1016GV27L | 2700 | 2146 | 18 | 119 |

¹Nominal Source Lumens at 35K ² Nominal Delivered Lumens at 35K

HOUSING DIMENSIONS



| A | B |
|------------------|-----------------|
| 16.5 419.1 mm | 8.5 215.9 mm |

APPLICATION

The Subway series inspired by the Boston "T" Train offers rugged design and a variety of decorative options.

FEATURES

Spectrum Lighting's RLM Classics are inspired by vintage lighting fixtures redesigned with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED module and driver are serviceable for future replacement.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Interior is Matte White unless specified.

ELECTRONICS

GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

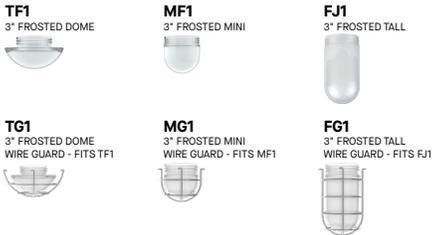
CONSTRUCTION

Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

ENCLOSURES



WALL MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

PA_
MOUNTING ARM STYLE



SB1016GV SHOWN WITH CP104PA23

CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / AT / PM
HANG STRAIGHT / ALL THREAD / PENDANT



SB1016GV SHOWN WITH RDC5PM

CD
CORD / CABLE MOUNT



SB1016GV SHOWN WITH RDC5CD

CM
CORD MOUNT



SB1016GV SHOWN WITH RDC5CM

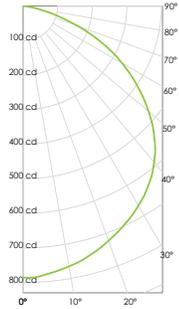




BOYLSTON SERIES
DAMP / WET LOCATION
 SUBWAY LINE / PHOTOMETRIC DATA

SB1016GV 27L 35K XX TF1 MWI MW

CANDLEPOWER CURVE
 TEST SP-01062



Delivered Lumens: 2,146
 Luminaire Watts: 18
 LER: 119.22

INTENSITY CANDELA
 0° AZIMUTH

| | |
|--------|-----|
| 0.00° | 786 |
| 0.00° | 786 |
| 5.00° | 779 |
| 10.00° | 765 |
| 15.00° | 746 |
| 20.00° | 723 |
| 30.00° | 667 |
| 40.00° | 589 |
| 50.00° | 473 |
| 60.00° | 331 |
| 70.00° | 167 |
| 80.00° | 38 |
| 90.00° | 2 |

CP at 0deg (Nadir): 786
 CRI: 80+

ZONAL LUMENS

| | | |
|----------|-------|------|
| 0° - 10° | 77 | 4% |
| 0° - 20° | 288 | 13% |
| 0° - 30° | 609 | 28% |
| 0° - 40° | 1,004 | 47% |
| 0° - 60° | 1,777 | 83% |
| 0° - 80° | 2,124 | 99% |
| 0° - 90° | 2,138 | 100% |
| Total | 2,146 | 100% |

Beam Angle: 111.52
 Spacing Ratio: 1.26

SINGLE UNIT: PERFORMANCE
 INITIAL FOOTCANDLES
 BASED ON IES BEAM ANGLE

| Mounting Height AFF | FC at Center on Floor | Beam Diameter | FC at Beam Edge |
|---------------------|-----------------------|---------------|-----------------|
| 6.5' | 19 fc | 19.1' | 2 fc |
| 7.5' | 14 fc | 22.0' | 1 fc |
| 8.5' | 11 fc | 25.0' | 1 fc |
| 10.0' | 8 fc | 29.4' | 1 fc |
| 12.0' | 5 fc | 35.3' | 0 fc |
| 14.0' | 4 fc | 41.1' | 0 fc |
| 16.0' | 3 fc | 47.0' | 0 fc |
| 20.0' | 2 fc | 58.8' | 0 fc |

MULTIPLE UNITS: PERFORMANCE
 80/50/20% REFLECTANCES
 INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT

| Ceiling Height | Fixture Spacing | RCR 2 | | RCR 4 | |
|--|-----------------|----------------------|-----------|---------------------|-----------|
| | | FC * | W/Sq. Ft. | FC * | W/Sq. Ft. |
| 9' | 6' | 64 | 0.60 | 32 | 0.38 |
| 12' | 8' | 27 | 0.25 | 14 | 0.16 |
| 16' | 10' | 18 | 0.17 | 14 | 0.17 |
| Delivered Illuminance Rating: (DIR) | | 108 FC per W/Sq. Ft. | | 85 FC per W/Sq. Ft. | |
| 1' Suspension Length to luminous height midpoint Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 * Average Footcandles at 2.5' Above Floor | | | | | |

Lumen Multiplier: 15L x 0.573
 CCT Multiplier: 27K x 0.97, 30K x 0.99, 40K x 1.03



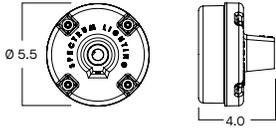
MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



WALL MOUNTING

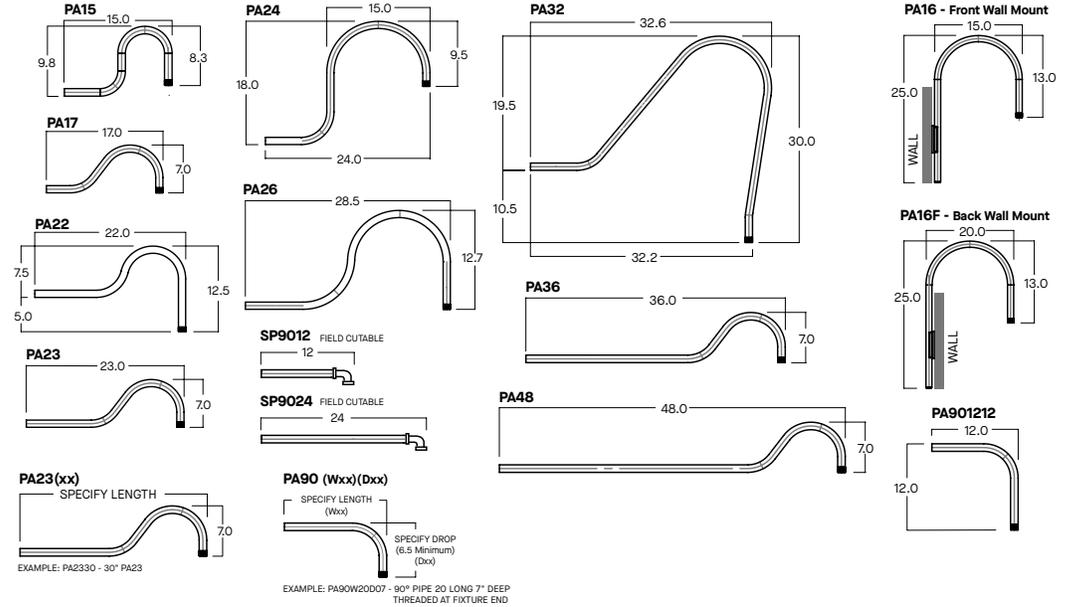
CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
NOT AVAILABLE W/ PA16 & PA16F



CP6/RMD - REMOTE MOUNT DRIVER
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

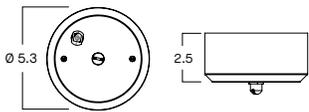


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.



CEILING MOUNTING

RDC5 - SMALL DRIVER CANOPY (STANDARD)
MOUNTS TO 4" OCTO J-BOX



HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP



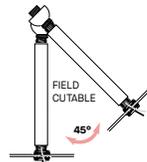
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3" HM24 - 24"
HM6 - 6" HM36 - 36"
HM12 - 12" HM48 - 48"
HM18 - 18" HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

PM*
RIGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP



ORDER: PM (Length)
SPECIFY LENGTH:
PM3 - 3" PM24 - 24"
PM6 - 6" PM36 - 36"
PM12 - 12" PM48 - 48"
PM18 - 18" PM72 - 72"
PMLC(XX)
Custom Length
(Specify in Inches)

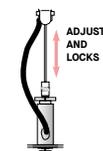
AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP



ORDER: AT (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"
AT48 - 48"
AT60 - 60"
AT72 - 72"

FIELD CUT THREADED PIPE TO LENGTH NEEDED. CUT PIPE COVER IS SHORTER THAN THREADED PIPE. SUPPLY COVER OVER THREADED PIPE.

CD
CORD / CABLE MOUNT
SJ CORD WITH 1/16" SS CABLE



ORDER: CD (Length)
SPECIFY LENGTH:
CD36 - 36"
CD72 - 72"
CD144 - 144"
CDLC(XX)
Custom Length
(Specify in Inches)

CM
CORD MOUNT
SJ CORD WITH STRAIN RELIEF

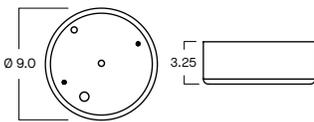


ORDER: CM (Length)
SPECIFY LENGTH:
CM36 - 36"
CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

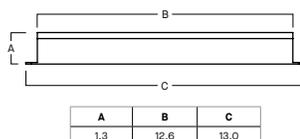
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY

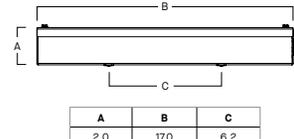


REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)



EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)



*OTHER EM BATTERY SIZES AVAILABLE. CONTACT FACTORY.



COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

| FIXTURE COLOR | STANDARD CORD COLOR | STANDARD CANOPY / STEM COLOR |
|--|---------------------|------------------------------|
| Matte White, Textured White | Matte White | Matte White |
| Gloss White | Matte White | Gloss White |
| Matte Black, Gloss Black, Textured Black | Matte Black | Matte Black |
| All Others | Matte Black | Same Color as Fixture |
| Custom Color | Contact Factory | Contact Factory |

PAINT TIMES

| TIER | COST | AVERAGE PAINT TIME* |
|---------------------------------|-----------------|---------------------|
| Tier 1 - Standard Finishes | \$ | ⓪ |
| Tier 2 - Typical Finishes | \$\$ | ⓪⓪ |
| Tier 3 - Special Metal Finishes | \$\$\$ | ⓪⓪⓪ |
| Custom Color | Contact Factory | Contact Factory |

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

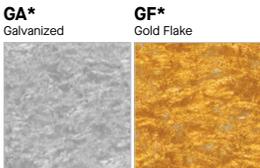
TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



TIER 3 - SPECIAL METAL FINISHES



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION

