



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						
		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 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 10 Standard Finishes



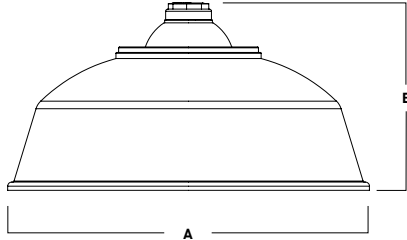


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LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
SB1016GV15L	1500	1284	11	117
SB1016GV27L	2700	2146	18	119

¹ Nominal 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.

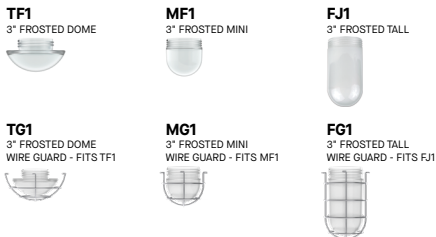
CONSTRUCTION

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

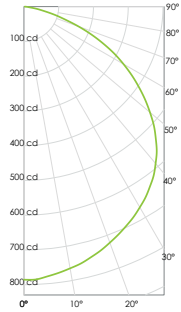




BOYLSTON SERIES
DAMP / WET LOCATION
SUBWAY LINE / PHOTOMETRIC DATA

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°	
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



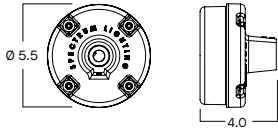
MOUNTING & ACCESSORIES

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.

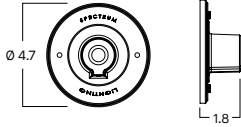


WALL MOUNTING

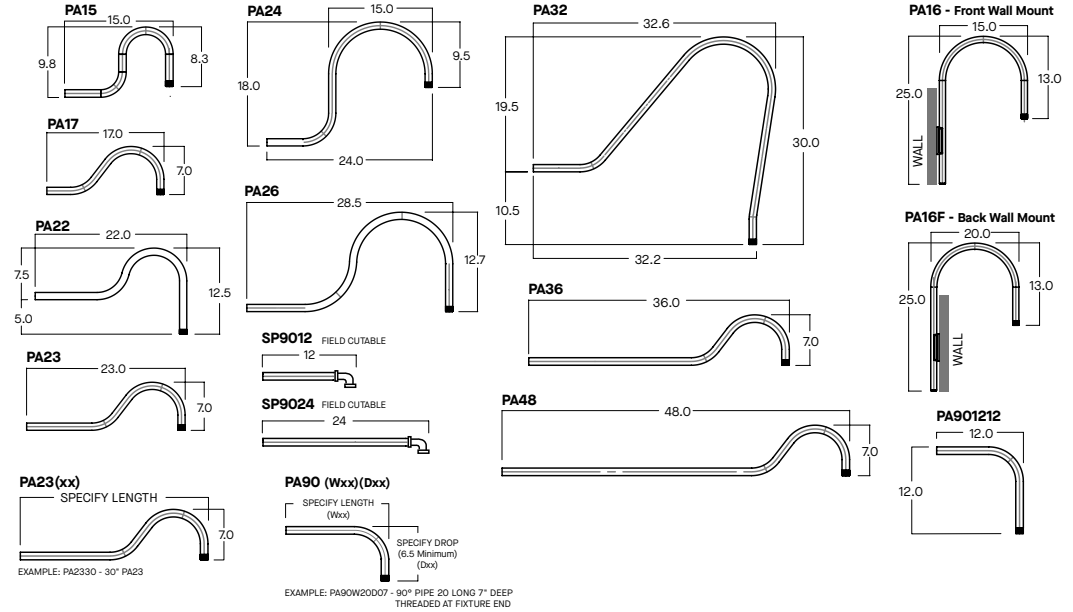
CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
NOT AVAILABLE W/ PA16 & PA16F



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

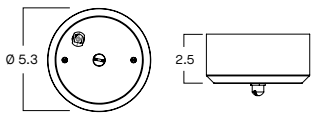


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

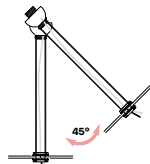


CEILING MOUNTING

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

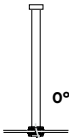


HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP



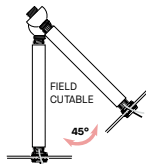
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3" HM24 - 24"
HM6 - 6" HM36 - 36"
HM12 - 12" HM48 - 48"
HM18 - 18" HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

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



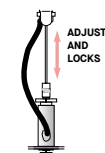
ORDER: PM (Length)
SPECIFY LENGTH:
PM3 - 3" PM24 - 24"
PM6 - 6" PM36 - 36"
PM12 - 12" PM48 - 48"
PM18 - 18" PM72 - 72"
PMLC(XX)
Custom Length
(Specify in Inches)

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 - 1/4" SHORTER THAN THREADED PIPE. SLIP PIPE 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

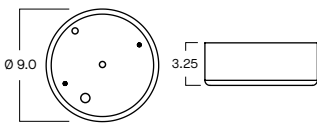


ORDER: CM (Length)
SPECIFY LENGTH:
CM36 - 36"
CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

*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

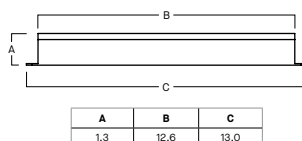
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY

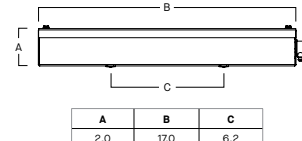


REMOTE EMERGENCY BATTERY OPTIONS

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



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



*OTHER EM BATTERY SIZES AVAILABLE. CONTACT FACTORY.

