RLM CLASSICS

BOYLSTON SERIES
DAMP / WET LOCATION
SUBWAY LINE

SB1016GV
TQ - Turquoise

SB1016GV
SN - Sun Gold

SB1016GV
MB - Matte Black

SB1016GV
RD - Red Baron

SERIES	LUMENS[1]		CCT		DRIVER / DIMMING[2]		ACCESSORIES[3]		MOUNTING[5]		INTERIOR[9]		FINISH[9]		WET KIT	
SB1016GV	15L	1500 Lm	**80 CRI**		EX	Electronic Driver, 120V/277V	**ENCLOSURES**		**WALL MOUNT**		MWI[10]	Matte White	MW[10]	Matte White	WLKA	Wet Location Kit
	27L	2700 Lm	27K	2700K	DS2W1	ELV/MLV, 120V	TF1[4]	3" Frosted Dome	CP104	Small Driver Canopy	CCI	Custom Color	MB[10]	Matte Black		
			30K	3000K	DO10X	1%, 0-10V, 120V/277V	TG1	3" Dome Wire Guard	CP104KO	Small Driver Canopy w/ Knockouts	FCI	Fixture Color Interior	PT[10]	Platinum Silver		
			35K	3500K	DS10X	10%, 0-10V, 120V/277V	MF1	3" Frosted Mini					CC	Custom Color		
			40K	4000K			MG1	3" Short Wire Guard	CP6/RMD	Remote Mount Driver						
							FJ1	3" Frosted Tall	SP90_[6]	Straight Arm	See Page 5 for Full Range of Color Options (83-90083)		See Page 5 for Full Range of Color Options (83-90083)			
							FG1	3" Tall Wire Guard	PA_[6]	Mounting Arm Style						
			90 CRI						**CEILING MOUNT**							
			27HK	2700K					RDC5	Small Driver Canopy						
			30HK	3000K					HM[7]	Hang Straight						
			35HK	3500K					AT[7]	Hang Straight All Thread						
			40HK	4000K					PM[7]	Rigid Pendant Mount						
									CD[7]	Cord / Cable Mount						
									CM[7]	Cord Mount						
									EMCR[8]	10W Large Driver Canopy EM						
									EMRM	7W Remote EM						
									EMEN	7W Remote with Enclosure						

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
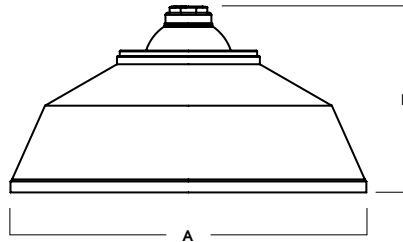
Spectrum Lighting

83-50019_RB

BOYLSTON SERIES
DAMP / WET LOCATION
SUBWAY LINE

RLM CLASSICS

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
16.2	8.5
411.5 mm	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

TF1
3" FROSTED DOME

MF1
3" FROSTED MINI

FJ1
3" FROSTED TALL

TG1
3" FROSTED DOME WIRE GUARD - FITS TF1

MG1
3" FROSTED MINI WIRE GUARD - FITS MF1
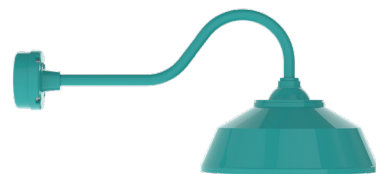
FG1
3" FROSTED TALL WIRE GUARD - FITS FJ1

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

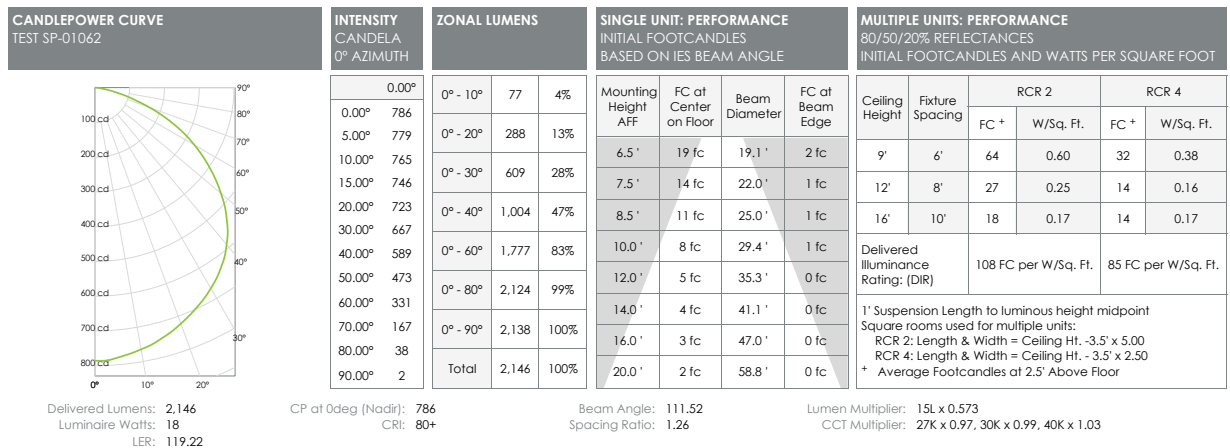**CM**
CORD MOUNT

SB1016GV SHOWN WITH RDC5CM

Spectrum Lighting

BOYLSTON SERIES
DAMP / WET LOCATION
SUBWAY LINE / PHOTOMETRIC DATA

CLASSICS — RLM

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

Zone	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

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

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.
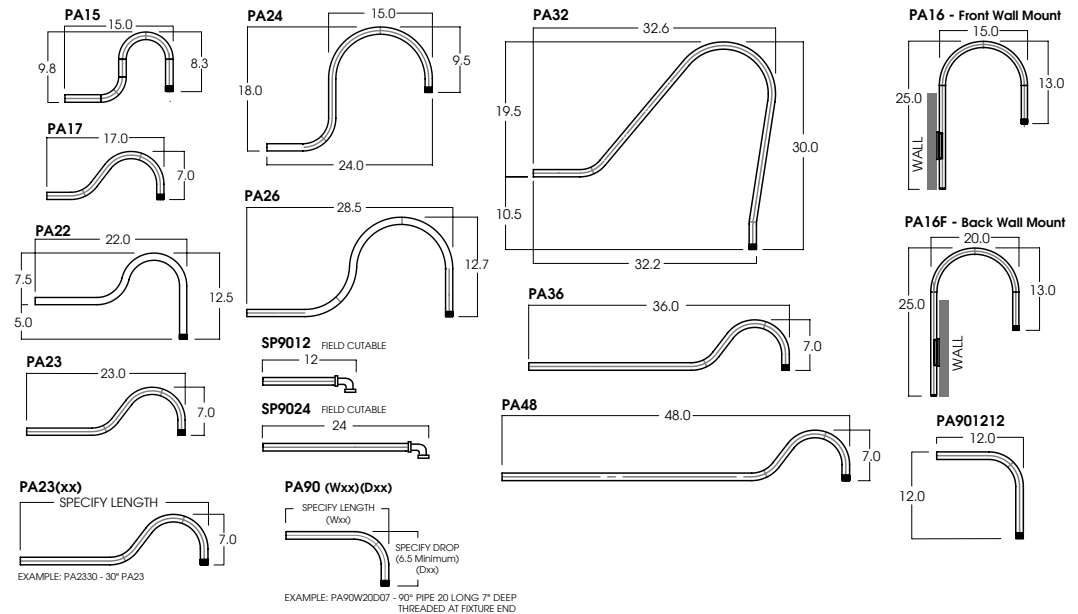
WALL MOUNTING

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

Ø 5.5
4.0
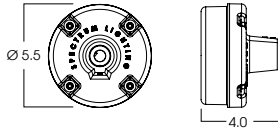
CP6/RMD - REMOTE MOUNT DRIVER
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

Ø 4.7
1.8

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.

PA15   15.0   9.8   8.3

PA17   17.0   7.0

PA22   22.0   7.5   5.0   12.5

PA23   23.0   7.0

PA23(xx)   SPECIFY LENGTH   7.0
EXAMPLE: PA2330 - 30" PA23

PA24   15.0   18.0   9.5   24.0

PA26   28.5   12.7

SP9012 FIELD CUTABLE   12

SP9024 FIELD CUTABLE   24

PA90 (Wxx)(Dxx)
SPECIFY LENGTH (Wxx)
SPECIFY DROP (6.5 Minimum) (Dxx)
EXAMPLE: PA90W20D07 - 90° PIPE 20 LONG 7" DEEP THREADED AT FIXTURE END

PA32   32.6   19.5   10.5   30.0   32.2

PA36   36.0   7.0

PA48   48.0   7.0

PA16 - Front Wall Mount   15.0   25.0   13.0   WALL

PA16F - Back Wall Mount   20.0   25.0   13.0   WALL

PA901212   12.0   12.0

CEILING MOUNTING

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

Ø 5.3
2.5
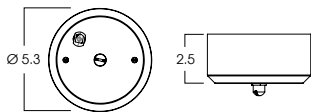
HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP
45°
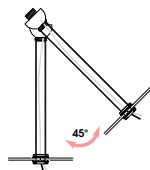
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3"   HM24 - 24"
HM6 - 6"   HM36 - 36"
HM12 - 12"   HM48 - 48"
HM18 - 18"   HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

PM*
RIDGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP
0°

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
FIELD CUTABLE
45°
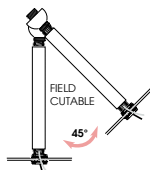
ORDER: AT (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"
AT48 - 48"
AT60 - 60"
AT72 - 72"
FIELD CUT THREADED PIPE TO LENGTH NEEDED
CUT "PIPE COVER" 3/4" SHORTER THAN THREADED PIPE
SLIP "PIPE COVER" OVER THREADED PIPE

CD
CORD / CABLE MOUNT
SJ CORD WITH 1/16 SS CABLE
ADJUST AND LOCKS
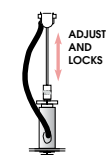
ORDER: CD (Length)
SPECIFY LENGTH:
CD36 - 36"
CD72 - 72"
CD144 - 144"
CDLC(XX)
Custom Length
(Specify in Inches)

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.
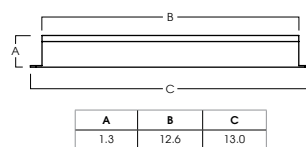**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR
10W EMERGENCY BATTERY

Ø 9.0
3.25
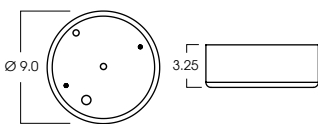
REMOTE EMERGENCY BATTERY OPTIONS

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

A	B	C
1.3	12.6	13.0

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

A	B	C
2.0	17.0	6.2
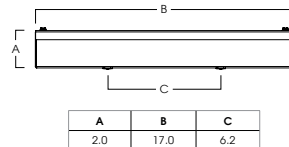
*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY.

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

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.

SPECTRUM
POWDER COAT COLORS

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

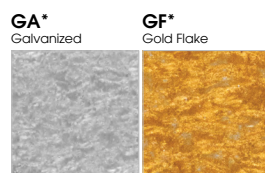| TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	$	🕐
Tier 2 - Typical Finishes	$$	🕐🕐
Tier 3 - Special Metal Finishes	$$$	🕐🕐🕐
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES

MW Matte White | **GW** Gloss White | **PT** Platinum Silver | **MB** Matte Black | **GB** Gloss Black | **BZ** Bronze

TIER 2 - TYPICAL FINISHES

TW Textured White | **TB** Textured Black | **MT*** Textured Silver | **OB*** Oil Rubbed Bronze | **SN** Sun Gold | **CO** Copper Metallic | **BR** Brecchia | **GH** Graphite | **CH** Charcoal | **AL** Almond | **VE** Verde Green

BL Blue Streak | **RD** Red Baron | **OR** Orange | **CM** Camel | **PL** Purple | **PG** Pub Green | **TQ** Turquoise | **SF** Sea Foam | **PK** Pink | **AY** Aero Yellow | **EG** Evergreen

LG Lime Green | **LB** Light Blue | **BY** Burgundy | **AK** Anodic Black | **AM** Anodic Malachite | **AZ** Anodic Bronze | **AS** Anodic Sapphire | **AN** Anodic Natural | **AC** Anodic Champagne

TIER 3 - SPECIAL METAL FINISHES

GA* Galvanized | **GF*** Gold Flake

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC Custom Color

CC

*UNAVAILABLE FOR WET LOCATION

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.

83-90083_RA