



**WALLASTON SERIES**  
**DAMP / WET LOCATION**  
 SUBWAY LINE

PROJECT: \_\_\_\_\_

QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



WJ1GV  
 BL - Blue Streak



WJ1GV  
 GB - Gloss Black



WJ1GV  
 TQ - Turquoise



WJ1GV  
 LG - Lime Green

SERIES	LUMENS <sup>1</sup>	CCT	DRIVER / DIMMING <sup>2</sup>	ACCESSORIES <sup>3</sup>	MOUNTING <sup>4</sup>	FINISH <sup>7</sup>	WET KIT
WJ1GV	15L 27L	1500 Lm 2700 Lm	<b>EX</b> <b>DS10X</b> <b>DS2W1</b> Electronic Driver, 120V/277V 10%, 0-10V, 120V/277V ELV/MLV, 120V	<b>FJ1<sup>4</sup></b> <b>MF1</b> <b>PJ3</b> <b>AMJ1</b> <b>RDJ1</b> <b>BLJ1</b> <b>GRJ1</b> <b>SS1<sup>5</sup></b> <b>BS1</b> <b>CG1</b> 3" Frosted Tall 3" Frosted Mini 3" Prismatic Glass 3" Amber Glass 3" Red Glass 3" Blue Glass 3" Green Glass Side Glass Shield Bottom Shield Cup Cast Guard	<b>CP104</b> <b>CP104KO</b> Small Driver Canopy Small Driver Canopy w/ Knockouts	<b>MW<sup>6</sup></b> <b>MB<sup>6</sup></b> <b>PT<sup>6</sup></b> <b>CC</b> Matte White Matte Black Platinum Silver Custom Color  See Page 4 for Full Range of Color Options (83-90081)	<b>WLKA</b> Wet Location Kit
		80 CRI <b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K  90 CRI <b>27HK</b> 2700K <b>30HK</b> 3000K <b>35HK</b> 3500K <b>40HK</b> 4000K					

EXAMPLE: WJ1GV15L35KDS10XFJ1CG1/CP104GB

**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 SS1 Not Available with MFI  
 6 See Mounting Page for Details on Components and Finishes 7 See Color Page for More Options/Consult Factory for Special Finishes 8 Standard Finishes





# WALLASTON SERIES

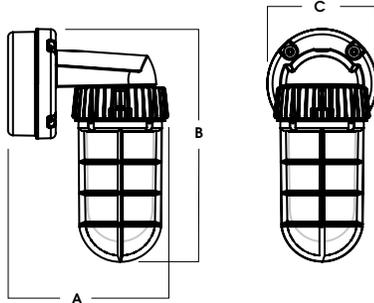
## DAMP / WET LOCATION

### SUBWAY LINE

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
WJ1GV15L	1500	1027	10	103
WJ1GV27L	2700	1803	18	100

<sup>1</sup> Nominal Source Lumens at 35K    <sup>2</sup> Nominal Delivered Lumens at 35K

## HOUSING DIMENSIONS



Dimensioned with WJ1GV Featuring FJ1 and CG1

A	B	C
8.0 202.4 mm	11.6 294.3 mm	5.5 138.5 mm

## APPLICATION

The LED Wallaston Series offers rugged design.

## 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. Frosted lamp enclosure (FJ1) is standard. A variety of colored lamp enclosures are available as well as guards and light shields. 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. All exposed materials are chromate pretreated to resist corrosion.

## 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 is constructed of die-cast heavy gauge aluminum.

## 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

FJ1 3" FROSTED TALL	MF1 3" FROSTED MINI	PJ3 3" PRISMATIC GLASS	AMJ1 3" AMBER GLASS	RDJ1 3" RED GLASS	BLJ1 3" BLUE GLASS	GRJ1 3" GREEN GLASS	SS1 3" SIDE SHIELD	BS1 3" BOTTOM CUP





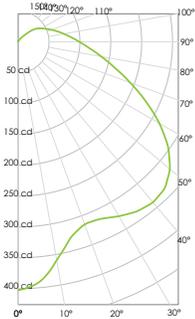
# WALLASTON SERIES

## DAMP / WET LOCATION

### SUBWAY LINE / PHOTOMETRIC DATA

WJ1GV 27L 35K XX FJ1 MW

**CANDLEPOWER CURVE**  
TEST SP-01055



Delivered Lumens: **1,804**  
Luminaire Watts: **18**  
LER: **100.22**

**INTENSITY CANDELA**  
0° AZIMUTH

0.00°	402
20.00°	315
40.00°	339
60.00°	264
80.00°	137
90.00°	99
100.00°	75
110.00°	57
120.00°	44
140.00°	11
160.00°	1
180.00°	1

CP at 0deg (Nadir): **402**  
CRI: **80**

**ZONAL LUMENS**

0° - 20°	131	7%
20° - 50°	615	34%
50° - 80°	662	37%
80° - 90°	127	7%
0° - 90°	1,535	85%
90° - 120°	214	12%
120° - 150°	53	3%
<b>Total</b>	<b>1,804</b>	<b>100%</b>

**SINGLE UNIT: PERFORMANCE**  
INITIAL FOOTCANDLES  
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor
6.5'	10 fc
7.5'	7 fc
8.5'	6 fc
10.0'	4 fc
12.0'	3 fc
14.0'	2 fc
16.0'	2 fc
20.0'	1 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'	48	0.60	23	0.38
12'	8'	20	0.25	10	0.16
16'	10'	13	0.17	10	0.17
Delivered Illuminance Rating: (DIR)		80 FC per W/Sq. Ft.		61 FC per W/Sq. Ft.	
1' Suspension Length 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



# 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

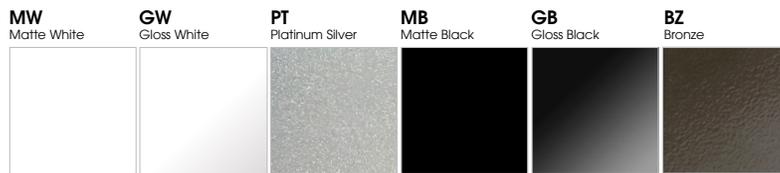
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES



## TIER 2 - TYPICAL FINISHES



## CUSTOM COLOR FINISHES

CONTACT FACTORY

CC  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

