WALLASTON SERIES
DAMP / WET LOCATION
SUBWAY LINE

RLM CLASSICS

PROJECT:

QUANTITY: TYPE:

PJ1GV
PT - Platinum Silver

PJ1GV
MW - Matte White

PJ1GV
MB - Matte Black

PJ1GV
CO - Copper Metallic

SERIES	LUMENS[1]	CCT	DRIVER / DIMMING[2]	ACCESSORIES[4]	MOUNTING[7]	FINISH[10]	WET KIT
PJ1GV	15L 1500 Lm 27L 2700 Lm	**80 CRI** 27K 2700K 30K 3000K 35K 3500K 40K 4000K **90 CRI** 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K	EX Electronic Driver, 120V/277V DS2W1 ELV/MLV, 120V DO10X 1%, 0-10V, 120V/277V DLTE1[3] Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX[3] 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	FJ1[5] 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[6] Side Glass Shield BS1 Bottom Shield Cup CG1 Cast Guard	**WALL MOUNT** CP104 Small Driver Canopy CP104KO Small Driver Canopy w/ Knockouts CP106 Large Driver Canopy SP90_[8] Straight Arm PA_[8] Mounting Arm Style **CEILING MOUNT** RDC5 Small Driver Canopy CP13 Large Driver Canopy HM_[9] Hang Straight AT_[9] Hang Straight All Thread PM_[9] Rigid Pendant Mount CD_[9] Cord / Cable Mount CM_[9] Cord Mount NM2 1/2" HUB NM3 3/4" HUB	MW[11] Matte White MB[11] Matte Black PT[11] Platinum Silver CC Custom Color See Page 5 for Full Range of Color Options (83-90081)	WLKA Wet Location Kit

EXAMPLE: PJ1GV15L35KDO10XFJ1CG1/CP104PM36GB

NOTES:
1 Nominal Source Lumens at 35K **2** Contact Factory for Additional Options **3** Available with CP106/CP13 Only **4** Enclosure, Wire Guard Required - Choose One Option
5 Standard Enclosure **6** SS1 Not Available with MFI **7** See Mounting Page for Details on Components and Finishes **8** See Mounting Page for Available Arm Options
9 Specify Length in Inches: See Mounting Page for Available Lengths **10** See Color Page for More Options/Consult Factory for Special Finishes **11** Standard Finishes
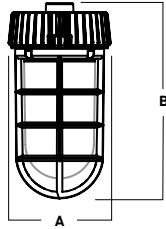
Spectrum Lighting

SPECLIGHT.COM • 994 JEFFERSON ST. FALL RIVER, MA 02721 • 508.678.2303

ILLUMINATING WHAT'S POSSIBLE.

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

83-50026_RE

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
PJ1GV15L	1500	1027	10	103
PJ1GV27L	2700	1803	18	100

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

HOUSING DIMENSIONS

Dimensioned with **PJ1GV Featuring FJ1 and CG1**

A	B
4.8	9.2
121.2 mm	233.7 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.
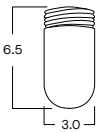
CONSTRUCTION
Fixture is constructed of die-cast heavy gauge aluminum.
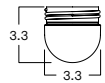
CODE COMPLIANCE
BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.
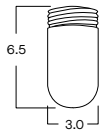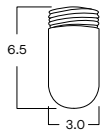
ENCLOSURES

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

FJ1: 6.5 × 3.0
MF1: 3.3 × 3.3
PJ3: 6.5 × 3.0
AMJ1: 6.5 × 3.0
RDJ1: 6.5 × 3.0
BLJ1: 6.5 × 3.0
GRJ1: 6.5 × 3.0
SS1: 6.5 × 3.0
BS1: 6.5 × 3.0
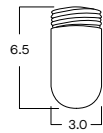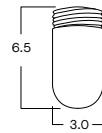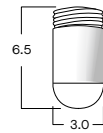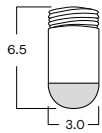
WALL MOUNT
(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

PA_
MOUNTING ARM STYLE

PJ1GV SHOWN WITH CP104PA23

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

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

PJ1GV SHOWN WITH RDC5PM

CD
CORD / CABLE MOUNT

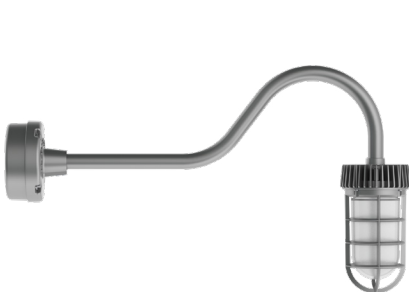PJ1GV SHOWN WITH RDC5CD

CM
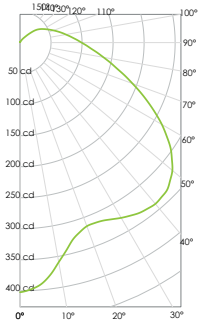CORD MOUNT

PJ1GV SHOWN WITH RDC5CM

WALLASTON SERIES
DAMP / WET LOCATION
SUBWAY LINE / PHOTOMETRIC DATA

PJ1GV 27L 35K XX FJ1 MW

CANDLEPOWER CURVE
TEST SP-01053

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

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

INTENSITY
CANDELA
0° AZIMUTH

	0.00°
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

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%
Total	1,804	100%

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

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ILLUMINATING WHAT'S POSSIBLE.

83-50026_RE

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.
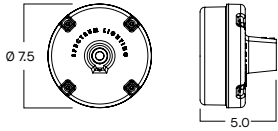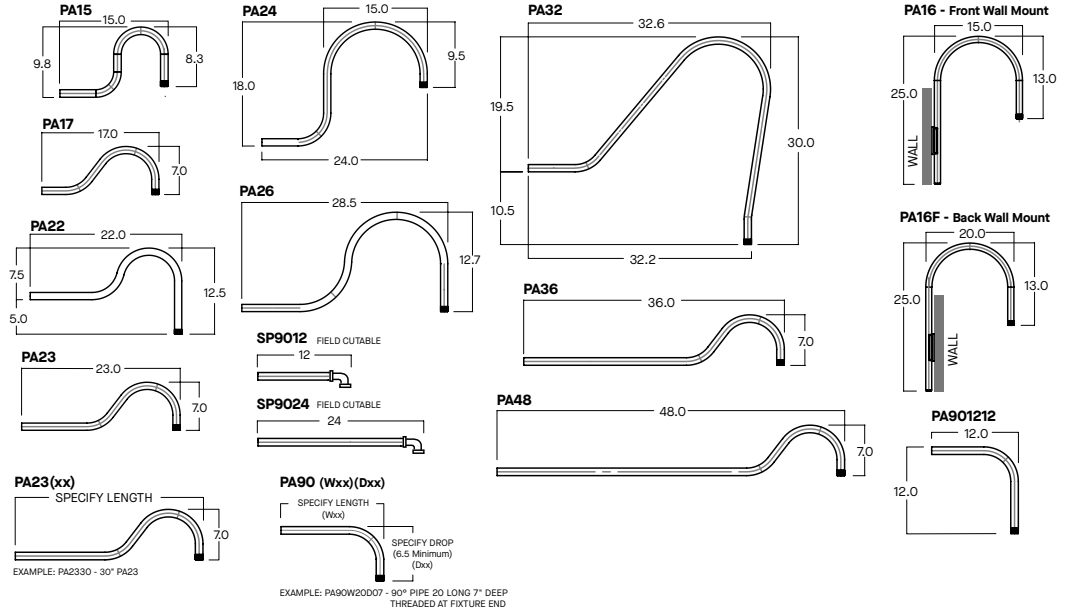
WALL MOUNTING

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

Ø 5.5 — 4.0
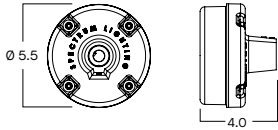
CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED

Ø 7.5 — 5.0

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.
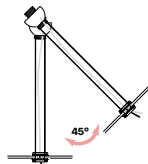
PA15 — 15.0 — 9.8 / 8.3

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: PA23O - 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 — 30.0 — 10.5 — 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

CP13 - LARGE DRIVER CANOPY

Ø 7.0 — 2.6
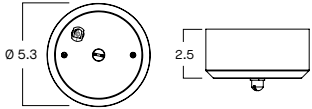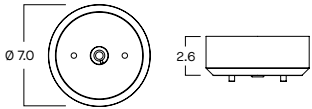
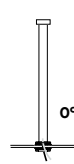| HM* HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT	AT** HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP	PM* RIDGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT	CD CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE	CM CORD MOUNT SJ CORD WITH STRAIN RELIEF	NMX 1/2" NPT Hub 3/4" NPT Hub FOR INDEPENDENT MOUNTING
45°	FIELD CUTABLE 45°	0°	ADJUST AND LOCKS		
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)	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	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)	ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)	ORDER: CM (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" CMLC(XX) Custom Length (Specify in Inches)	ORDER: NMX (Length) SPECIFY LENGTH: NM2(12) - 12" Leads are Standard NM3(12) - 12" Leads are Standard NMXLC(XX) Custom Length (Specify in Inches)
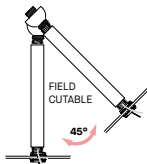
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

Spectrum Lighting

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

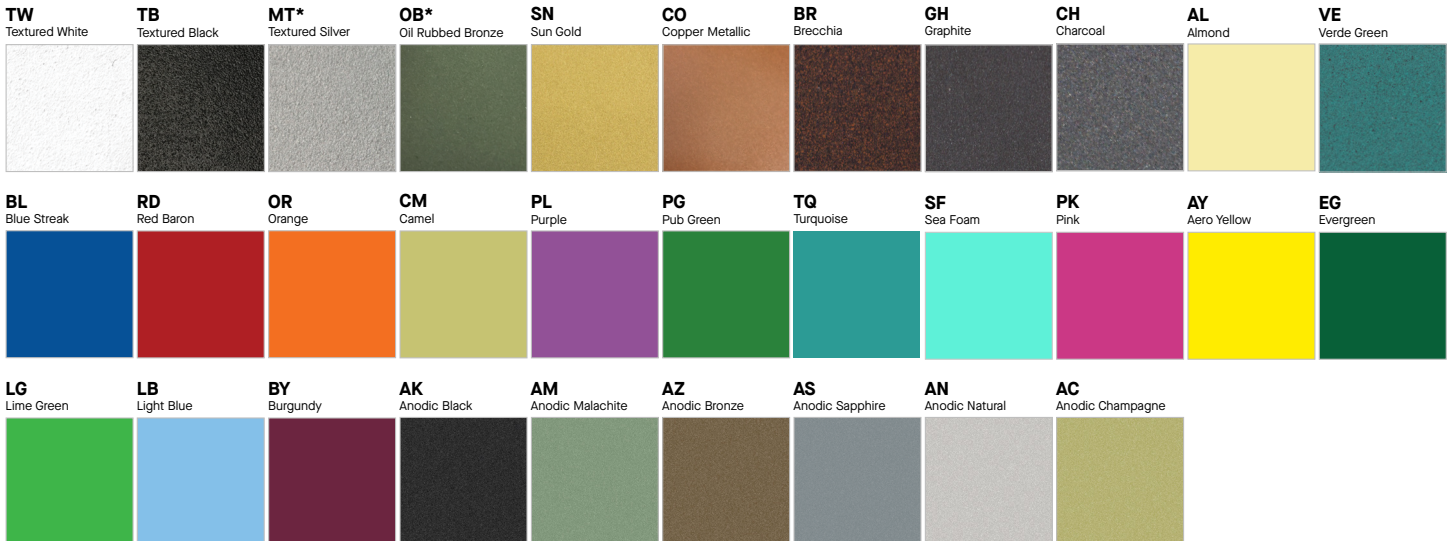| FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

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

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

CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color

CC

*UNAVAILABLE FOR WET LOCATION

Spectrum Lighting

ILLUMINATING WHAT'S POSSIBLE.