



WALLASTON SERIES
DAMP / WET LOCATION
 SUBWAY LINE

PROJECT: _____
 QUANTITY: _____ TYPE: _____



PJ1GV
 PT - Platinum Silver



PJ1GV
 MW - Matte White



PJ1GV
 PL - Purple



PJ1GV
 CO - Copper Metallic

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	ACCESSORIES ⁴	MOUNTING ⁷	FINISH ¹⁰	WET KIT
PJ1GV	15L 1500 Lm	80 CRI	EX Electronic Driver, 120V/277V DS2W1 ELV/MLV, 120V DO10X 1%, 0-10V, 120V/277V DS10X 10%, 0-10V, 120V/277V DLTE1³ Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX³ 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	FJ1⁵ 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 SS1⁶ 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 SP90⁸ Straight Arm PA⁹ Mounting Arm Style CEILING MOUNT RDC5 Small Driver Canopy CP13 Large Driver Canopy HM⁷ Hang Straight AT⁷ Hang Straight All Thread PM⁷ Rigid Pendant Mount CD⁷ Cord / Cable Mount CM⁷ Cord Mount NM2 1/2" HUB NM3 3/4" HUB	MW¹¹ Matte White MB¹¹ Matte Black PT¹¹ Platinum Silver CC Custom Color See Page 5 for Full Range of Color Options (83-90081)	WLKA Wet Location Kit
	27L 2700 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K 90 CRI 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K					

EXAMPLE: PJ1GV15L35KDS10XFJ1CG1/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



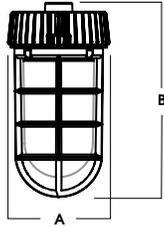


WALLASTON SERIES DAMP / WET LOCATION SUBWAY LINE

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
4.8 121.2 mm	9.2 233.7 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

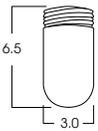
Fixture is constructed of die-cast heavy gauge aluminum.

CODE COMPLIANCE

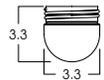
BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

ENCLOSURES

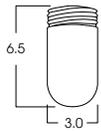
FJ1
3" FROSTED TALL



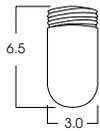
MF1
3" FROSTED MINI



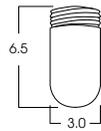
PJ3
3" PRISMATIC GLASS



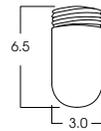
AMJ1
3" AMBER GLASS



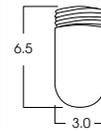
RDJ1
3" RED GLASS



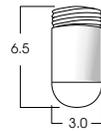
BLJ1
3" BLUE GLASS



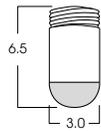
GRJ1
3" GREEN GLASS



SS1
3" SIDE SHIELD



BS1
3" BOTTOM CUP



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

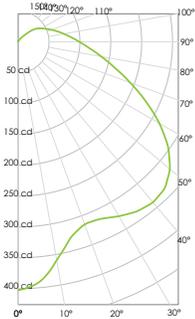
DAMP / WET LOCATION

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**

INTENSITY CANDELA

0° AZIMUTH

Beam Angle	Intensity (cd)
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

Beam Angle Range	Lumens	Percentage
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



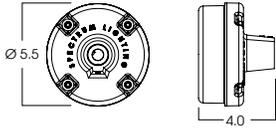
MOUNTING & ACCESSORIES

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.

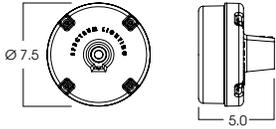


WALL MOUNTING

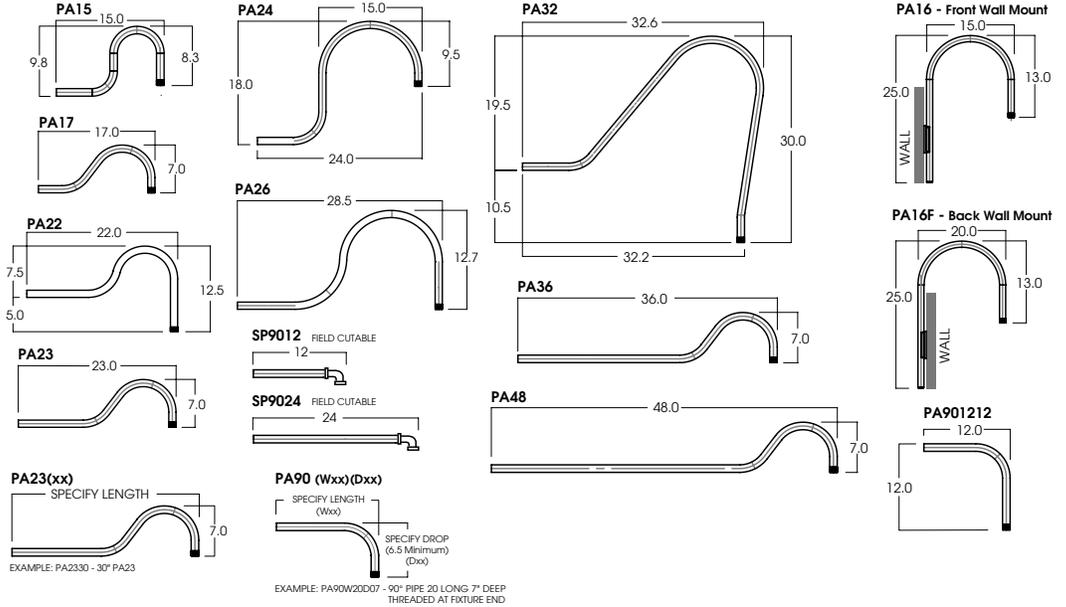
CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
NOT AVAILABLE W/ PA16 & PA16F



CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED

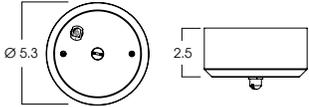


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

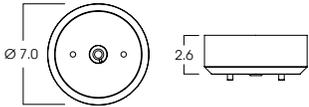


CEILING MOUNTING

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



CP13 - LARGE DRIVER CANOPY

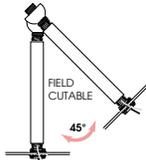


HM*
HANG STRAIGHT
45° SWIVEL 1/2" STEM - 3/8" NPT



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)

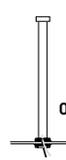
AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 1/2" STEM - 1/4" IP



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



PM*
RIGID PENDANT MOUNT
RIGID 1/2" STEM - 3/8" NPT



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)

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)

NMX
1/2" NPT Hub
3/4" NPT Hub
FOR INDEPENDENT MOUNTING



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



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

