



WALLASTON SERIES
DAMP / WET LOCATION
 SUBWAY LINE

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 ⁵	FINISH ⁹	WET KIT
PJ1GV	15L 27L	1500 Lm 2700 Lm	EX Electronic Driver, 120V/277V ELV/MLV, 120V DS2W1 1%, 0-10V, 120V/277V DO10X Lutron® 2-Wire Forward Phase (MLV), 120V DLTE1³ 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V DL3EX³	FJ1⁶ 3" Frosted Tall MF1 3" Frosted Mini CG1 3" Cast Wire Guard	WALL MOUNT CP104 Small Driver Canopy CP104KO Small Driver Canopy w/ Knockouts CP106 Large Driver Canopy SP90⁷ Straight Arm PA⁷ Mounting Arm Style	MW¹⁰ Matte White MB¹⁰ Matte Black PT¹⁰ Platinum Silver CC Custom Color	WLKA Wet Location Kit
		90 CRI 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K			CEILING MOUNT RDC5 Small Driver Canopy CP13 Large Driver Canopy HM⁸ Hang Straight AT⁸ Hang Straight All Thread PM⁸ Rigid Pendant Mount CD⁸ Cord / Cable Mount CM⁸ Cord Mount NM2 1/2" HUB NM3 3/4" HUB		

EXAMPLE: PJ1GV15L35KD010XFJ1CG1/RDC5PM36GB

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 See Mounting Page for Details on Components and Finishes 7 See Mounting Page for Available Arm Options
 8 Specify Length in Inches: See Mounting Page for Available Lengths 9 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 10 Standard Finishes



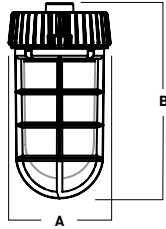


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LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
PJ1GV15L	1500	1027	10	103
PJ1GV27L	2700	1803	18	100

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



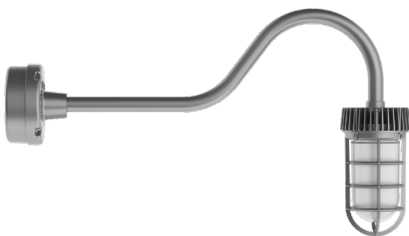
CG1
3" CAST WIRE GUARD



WALL MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

PA_
MOUNTING ARM STYLE



PJ1GV SHOWN WITH CPIO4PA23

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





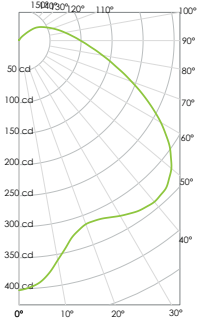
WALLASTON SERIES

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.

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, 32.2, 30.0
PA36 36.0, 7.0
PA48 48.0, 7.0

PA16 - Front Wall Mount 15.0, 13.0, 25.0, WALL
PA16F - Back Wall Mount 20.0, 13.0, 25.0, WALL
PA901212 12.0, 12.0

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"
FIELD CUT, THREADED PIPE 20 LENGTH REQUIRED, CUT PIPE COVER 1/4" SHORTER THAN THREADED PIPE, SLIP PIPE COVER OVER THREADED PIPE

PM* RIDGID 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

