

PKSA/PKSP

Parkway Square™ - Sconce

1	2	3	4			5
FIXTURE	LAMP/BALLAST	DECORATIVE SCREEN	OPTIONS			COLOR
FIXTURE	LAWF/DALLAST		GENERAL	HOOD	SCREEN	





PARKWAY SQUARE FAMILY OF FIXTURES









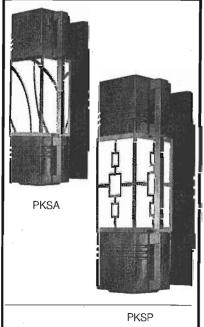
Features

Six configuration, including down beam, down spread, up beam, up spread, down beam/up spread, up beam/down spread, and egress

- Available with highly efficient LEDs
- Six decorative screen options
- Tamper resistant hardware
- Cast aluminum struts
- Full cutoff options
- EISA compliant
- IP65 rated for horizontal configurations and IP66 rated for vertical configurations (WORKS)
- Powder coat finish in 13 standard colors with a polymer primer sealer.



PAKWAY SQUARE SCONCE



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JOB INFORMATION
TYPE
JOB NAME
LAMP (BY OTHERS)
CUSTOMER
DATE
Consult factory for any custom/ modified products

APPROVALS

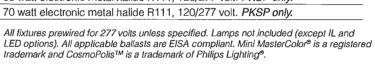


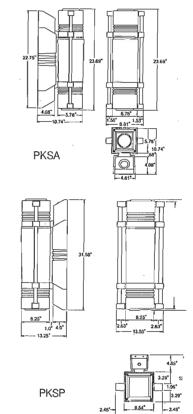
16555 East Gale Ave. City of Industry | CA 91745 P 626.968.5666 | F 626.369.2695 www.aal.net | Copyright @ 2012

1	2	3	4			5
FIXTURE	LAMP/BALLAST	DECORATIVE SCREEN	OPTIONS			COLOR
FIXTORE	LAIVIP/DALLAS I		GENERAL	HOOD	SCREEN	

1.	FIXTURE	
_	ACCENT (SMALL) S	SCALE
	PKSA DB	Small - Down beam & egress
	PKSA DS	Small - Down spread & egress
\Box	PKSA UB	Small - Up beam & egress
\Box	PKSA US	Small - Up spread & egress
Ц	PKSA DBUS	Small - Down beam/up spread & egress
	PKSA UBDS	Small - Up beam/down spread & egress
	PEDESTRIAN (MED	IUM) SCALE
	PKSP DB	Large - Down beam & egress
	PKSP DS	Large - Down spread & egress
Ц	PKSP UB	Large - Up beam & egress
\Box	PKSP US	Large - Up spread & egress
	PKSP DBUS	Large - Down beam/up spread & egress
	PKSP UBDS	Large - Up beam/down spread & egress

2.	LAMP/BALLAST	
	15LED-WW	15 light emitting diode array. Warm white (3500K). Class 2, 120 thru 277 volt. For PKSA DS/US only.
	15LED-BW	15 light emitting diode array. Bright white (5100K). Class 2, 120 thru 277 volt. For PKSA DS/US only.
	18LED-WW	18 light emitting diode array. Warm white (3500K). Class 2, 120 thru 277 volt. For PKSP DS/US only.
	18LED-BW	18 light emitting diode array. Bright white (5100K). Class 2, 120 thru 277 volt. For PKSP DS/US only.
	24LED-WW	24 light emitting diode array. Warm white (3500K). Class 2, 120 thru 277 volt. For PKSA DBUS/UBDS only.
	24LED-BW	24 light emitting diode array. Bright white (5100K). Class 2, 120 thru 277 volt. For PKSA DBUS/UBDS only.
	30LED-WW	30 light emitting diode array. Warm white (3500K). Class 2, 120 thru 277 volt. For PKSP DBUS/UBDS only.
	30LED-BW	30 light emitting diode array. Bright white (5100K). Class 2, 120 thru 277 volt. For PKSP DBUS/UBDS only.
	24PLL	24 walt PL-L compact fluorescent electronic 120/277 volt ballast. Specify wattage. PKSA only.
	35R111	35 watt electronic metal halide R111, 120/277 volt. PKSA only.
	20MMC	20 watt electronic metal halide ballast, 120 thru 277 volt. Use PGJ5 base, MiniMastercolor lamp. <i>PKSA only</i> .
	39ММС	39 watt electronic metal halide ballast, 120 thru 277 volt. Use PGJ5 base, MiniMastercolor lamp. <i>PKSA only</i> .
	50PLL	50 watt PL-L compact fluorescent electronic 120/277 volt ballast. Specify wattage. <i>PKSP only.</i>
	з9МНТ6ЕВ	39 watt electronic metal halide, 120 thru 277 volt ballast. Use G12 base, T-6 ceramic lamp. <i>PKSP only</i> .
	70MHT6EB	70 watt metal halide ballast, 120/277/347 volt ballast. Use G12 base, T-6 ceramic lamp. <i>PKSP only</i> .
	35R111	35 watt electronic metal halide R111, 120/277 volt. PKSP only.
	70R111	70 watt electronic metal halide R111, 120/277 volt. PKSP only.
		All fixtures prewired for 277 volts unless specified. Lamps not included (except IL and LED options). All applicable ballasts are FISA compliant. Mini MasterColor® is a registered





13.50*	
JOB INFORMATION	
TYPE	
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JOB NAME	
	_
LAMP (BY OTHERS)	
	_
CUSTOMER	
-	_
DATE	
	_
Consult factory for any custom/ modified products	
	1
APPROVALS	



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PKSA/PKSP

Parkway Square™ - Sconce

1	2	3	4			5
EIVTLIDE	I AMD/DALLACT	AMP/BALLAST DECORATIVE SCREEN	OPTIONS			COLOR
FIXTURE	LAWIP/BALLASI		GENERAL	HOOD	SCREEN	

DECORATIVE SCREENS (OPTIONAL)

Painted to match fixture. Also available in stainless steel or copper. Not available with horizontal or LED optics.



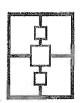




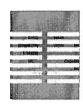
☐ DSOF Offset design painted to match fixture.



☐ DSWH Wheat design painted to match fixture.



DSTR
Trio design match fixture.



☐ DSSH Shutter design painted to match fixture.



☐ DSCS Custom design* painted to match fixture.

OPTIONS

NEG

GENERAL

Dual source - 39 watt mini mastercolor. Specify primary or secondary DS39 BBU Integral battery backup No egress lamp. Opening is sealed with a cap and painted to match fixture.

DECORATIVE SCR	EEN
CPR	Screen in brushed copper
SSP	Screen in brushed stainless steel

7. COLOR

AWT	Arctic White
BLK	Black
MTB	Matte Black
DGN	Dark Green
DBZ	Dark Bronze
WRZ	Weathered Bronze
BRM	Metallic Bronze
VBL	Verde Blue
CRT	Corten
MAL	Matte Aluminum
	BLK MTB DGN DBZ WRZ BRM VBL CRT

<u>u</u>	MDG	Medium Grey
	ATG	Antique Green
	LGY	Light Grey
	SPP	Salt and Pepper (premium)
	SFM	Seafoam (premium)
	WCP	Weathered Copper (premium)
	SHK	Shamrock (premium)
	RAL COLOR	Provide a RAL 4 digit
		color number
	CUSTOM COLOR	Please provide a color chip
	1000000000	for matching

JOB INFORMATION
TYPE
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LAMP (BY OTHERS)
CUSTOMER
DATE
Consult factory for any custom/
modified products
APPROVALS



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PAGE 3 OF 4

1	2	3	4			5
FIXTURE LAMP/BAI	LAMP/BALLAST	ALLAST DECORATIVE SCREEN	OPTIONS			COLOR
FIXTURE	LAIVIP/BALLAS I		GENERAL	HOOD	SCREEN	
:						

HOUSING

Parkway Square housings shall be cast aluminum, A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. The vertical lens shall be opal, semi translucent high impact injection molded lighting grade acrylic and shall not be field replaceable. The vertical struts shall be cast aluminum and painted to match the fixture. The lens shall be sealed to the housing with a molded silicone gasket on the top and bottom. The optical lens frame shall be secured with four captive socket cap screws and shall be sealed with a one piece memory retentive, molded silicone gasket. The lamp compartment shall have a molded silicone plug to completely seal the optical system from insects or dirt emanating from the electrical box or conduit. Four stainless steel screws shall release the canopy to allow electrical access. All internal and external hardware shall be stainless steel and zinc.

REFLECTOR

The reflector is formed aluminum with bright dip anodized finish for pedestrian scale and bead blasted finish for accent scale fixtures.

ELECTRICAL

The ballast or LED driver electrical assembly shall be integral to the fixture and mounted to the cast canopy, the electrical assembly shall be prewired with a quick disconnect plug and removable by loosening two screws. All metal halide ballasts shall be electronic. T6 metal halide lamps shall use G12 sockets; R111 lamps shall use GX8.5 sockets; PL-L fluorescent lamps shall use 2G11 sockets. LED drivers shall have a drive current of 350mA. Standard color temperatures for Nichia NS6L183 and NS6W183 LEDs shall be 3500K and 5100K. The ballast or LED driver shall accept an input voltage of 120 through 277 volts and shall be wired at the factory for 277 volts, unless specified. The MR16 lamp for emergency egress feature shall be included and powered by 120 volt input transformed into low-voltage (12 volt) by the electronic transformer (included). The MR16 lamp shall use a miniature bi-pin base.

SAFETY

The fixture shall include an integral secondary source to provide path of egress illumination from building to the public way. The hidden MR16 lamp, powered as a remote head is able to be angle up to 15° in either direction.

WALL PLATE

Wall plate shall be secured into wall over j-box and shall be wired to the power circuit. Fixture shall be attached to the wall plate by four set-screws.

FINISH

Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION

The fixture is listed with ETL for outdoor, wet location use and shall conform to UL1598 and Canadian CSA Std. C22.2 no.9. IP65 rated for horizontal configurations and IP66 rated for vertical configurations.

WARRANTY

Fixture is warranted for three years. Driver components carry the driver manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

JOB INFORMATION
TYPE
JOB NAME
LAMP (BY OTHERS)
ENWI (DI OTTETO)
CUSTOMER
DATE
Consult factory for any custom/
modified products
APPROVALS



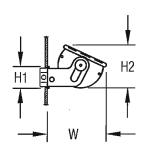
SPI

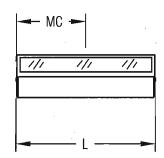
Echo Round 9.0 Exterior Wall

EEW9501 Forward Throw

TYPE
'C'







Dimensions

 W	L	MC	H1	H2
11.4 in	27.5 in	13.7 in	4.2 in	8.3 in
(29 cm)	(69.8 cm)	(34.8 cm)	(10.7 cm)	(21.1 cm)

Description

Echo Round 9.0 is designed to address larger, high-ceiling spaces such as atriums, gymnasiums, libraries, natatoriums and open offices. Its vast lamping range and premium light control provides sufficient and visually uniform illumination to surfaces. Round's proportionate size and basic shape integrates seamlessly into a space.

Features

- Formed stainless steel yoke brackets equip the fixture with durable mounting components that will not rust or corrode.
- Standard thermoset polyester powder coat paint provides durable protection in a palette of color options. Custom colors available upon request.
- Extruded aluminum construction provides durable protection for internal components and is recyclable.
- Cast aluminum end caps protect internal components and are recyclable.
- Field adjustable housing locks into position, enabling precise fixture alignment for high-quality design performance.
- Tempered glass lens protects HID and tungsten halogen lamp engines.
- Premium 95% reflective aluminum is utilized in the highly-efficient and effective reflector design.

Weight

Consult Factory.

ODI - based - CORRECTION

Contents
Features
Technical Notes
Ordering Information
Finshes

SPI specification sheets are generated on demand in order to ensure the most current information possible. This sheet is current as of 12/28/11 02:17:39 and is subject to change without notice.

EEW9501 Technical Notes

Accessories

· Only one louver option can be specified per fixture.

Construction

· Luminaires over 27" in length have a two-piece yoke assembly.

Electrical

- · Black weatherproof power cord with watertight fittings.
- HID versions have integral ballasts eliminating the need for remote mounting, simplifying installation.
- Thermally protected ballast limits operating temperature.
- · Class "C" sound rated ballast.
- ETL listed to UL standards (US and Canada) for use in wet locations.

Finish

 Housing and mounting components painted to match, unless otherwise specified.

Mounting

• Steel cover fits over standard 4" octagonal junction box.

CDI a brand of CDII (CUTING

LYI (UGU)U 40 4 40

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SPI specification sheets are generated on demand in order to ensure the most current information possible. This sheet is current as of 12/28/11 02:17:39 and is subject to change without notice.

EEW9501 Forward Throw

Model Number/Style	Select Lamping	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Select Voltage	Select Lamp Options
EEW9501 [FT]				

Not all options are available in all configurations, consult factory for details.

Lamping		Photometry
1M175PS	1PSMH175/BT28/M0G/U	ITL62257
1M250PS	1PSMH250/BT28/MOG	ITL62257
1M315PS	1PSCMH315/T9/PGZ18	(数型) (の数数) (数数)
1M320PS	1PSMH320/ED28/MOG	· · · · · · · · · · · · · · · · · · ·
1M350PS	1PSMH350/ED28/MOG	ITL62257
1M400PS	1PSMH400/ED28/MOG	ITL62257

Voltage	
120V	120 Volt
277V	277 Volt

Lamp (ptions
CS	Cut-off Shield
F	Fûsing

類類 類類 解析 Finish must be selected.

SPI specification sheets are generated on demand in order to ensure the most current information possible. This sheet is current as of 12/28/11 02:17:39 and is subject to change without notice.

EEW9501 Forward Throw

The finishes shown here are representations of the standard color selections available for SPI Lighting products. There may be variations in color, texture and finish between the samples shown here and the actual product finishes. If a more accurate paint color or metal finish is required, please contact us at **finishes@spilighting.com**.

Painted Aluminum PT012 SuperWhile PT021 White Morning Light PT041 Warm White PT051 Pully PT031 PT061 Warm Beige PT071 Light Taupe PT081 Medium Taupe PT091 Medium Gray PT101 Dark Gray PT111 Black PT12¹ Dark Chocolate PT141 Light Gray Warm Gray PT15¹ Sage PT161 Spruce PT171 Red PT181 Deep Red PT191 Blue PT201 Dark Green PT214 Pearl White PT224 Platinum PT27⁴ Deep Copper Dark Stainless Red Brass PT411 Orange PT314 Medium Bronze PT324 Dark Bronze PT331 Dark Blue PT401 Yellow PT421 Sky Blue PT43¹ Teal PT441 Green PT451 Purple PT463 Aluminum PT473 Deep Red Brass PT483 Brass PT493 Bronze

¹Textured ²Glossy ³Metallic Textured ⁴Metallic Glossy Custom colors available, consult factory for details.



FEATURES & SPECIFICATIONS

INTENDED USE— For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast door frame has a 1/8" thick tempered glass lens. Door frame is fully gasketed with one-piece solid silicone.

OPTICS — Segmented reflectors for superior uniformity and control. Reflectors are interchangeable. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw).

ELECTRICAL — Ballast: SOW-150W utilizes a high reactance, high power factor ballast. Metal halide 150W and below are standard with pulse-start technology. 35S utilizes a reactance high power factor ballast. 175W utilizes a constant-wattage autotransformer ballast. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired.

Quick disconnect plug easily disconnects reflector from ballast. Ballasts are 100% factory-tested.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 660W, 600V 4KV pulse rated.

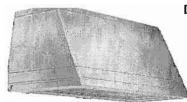
Finish: Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder finish. Additional architectural colors are available. Striping is also available.

INSTALLATION — Universal mounting mechanism with integral mounting support allows fixture to hinge down. Bubble level provides correct alignment with each installation.

LISTINGS — UL Listed (standard), CSA Certified (see Options), Suitable for wet locations (damp location listed in lens-up orientation), WLU option offers wet location listing in up orientation (see Options), IP6S rated, 25°C ambient, ELED: U.S. Patent No. 7,737,640.

Note: Specifications subject to change without notice.

Catalog Number	
Notes	
Type 'D'	



Decorative Wall-Mounted Lighting

WST

METAL HALIDE: 50W-175W HIGH PRESSURE SODIUM: 35W-150W

Specifications			
Length: 16-1/4 (41.2)		7-1/4	
Depth: 9-1/8 (23.2)		7-1/4 (18.4)	<u> </u>
Overall Height: 7-1/4 (18.4)	16-1/4		9-1/8 -
*Weight: 30 lbs (13.6 kg)	l (41.2)		(23.2)

All dimensions are inches (centimeters) unless otherwise indicated.

*Weight as configured in example below.

ORDERING INFORMATION

For shortest lead times, configure product using standard options (shown in bold).

Example: WST 100M FT TB LPI

WST				MD								
Series	Wattage/s	ource	7	Distr	ibution	Voltage	Ballast		Mounti	ng	Options	
WST	High pressure sodium 3551 505 705 1005 1505	Metal halide 50M 70M 100M 150M	Ceramic metal halide SOMHC 70MHC 100MHC 150MHC	MD WT	Forward throw Medium throw (coated lamp std.) Wide throw	120 208 ³ 240 ³ 277 347 TB ⁴ 23050HZ ⁵	CWI	Magnetic ballast Constant wattage Isolated Start Super CSA pulse start ballast ⁶		Surface mount separately ² Surface mount back box Uptilt 5 degrees	Shipped i SF DF DC12 2DC12 DC2012 2DC2012	nstalled in fixture Single fuse (120, 277, 347V) ⁸ Double fuse (208, 240V) ⁸ Emergency circuit 12-volt (35W lamp included) ⁹ Emergency circuit 12-volt (two 35W lamps included) ⁹ Emergency circuit 12-volt (two 20W lamps included) ⁹ Emergency circuit 12-volt (two 20W lamps included) ⁹

ption	s (continued)	<i>ii i</i>			144 AM	Fink6.16		Lamp	8
ELED 2ELED DFL EC IBS PE	Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature) ¹⁰ Emergency LED secondary source (two modules) battery pack with time delay (-4°F min. operating temperature) ¹⁰ Diffusing lens Emergency circuit ^{11, 12} Internal backlight shield ¹³ Photoelectric cell-button type (n/a TB) ¹⁴	QRS WLU CSA NOM INTL	Quartz restrike system ^{11, 15} Wet location door for up orientation CSA certified NOM certified ⁵ International shipment for 175M	Shipp WG VG	<u>sed separately</u> ™ Wire guard Vandal guard	(blank) DSST DNAT DWHG DBLB CR CRT	Dark bronze, textured Sandstone, textured Natural aluminum, textured White, textured Black, textured Corrosion-resistance Non-stick protective coating ¹⁷	LPI L/LP	Lamp include Less lamp

Notes

- 1 12
- 2 These wattages do not comply with California Title 20 regulations.
- 3 Must specify CWI for use in Canada.
- 4 Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada; ships as 120V/347V).
- 5 Consult factory for available wattages.
- 6 Available with 150M or 150MHC only.
- 7 May be ordered as an accessory with prefix "WS". Must specify finish.
- Not available with DC options.
- 9 Not available with ELED, SF, DF, EC or QRS.
- 10 Maximum wattage 100M, 70S. Must specify 120V or 277V. Not available with QRS, EC or DC.
- 11 Maximum allowable wattage lamp included.
- 12 Not available with ELED, QRS or DCs.

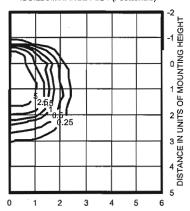
- 13 Not available with medium throw (MD, MDU, MDUS) distributions.
- 14 Must be ordered with fixture; cannot be field installed.
- Not available with ELED, EC or DCs.
- 16 See www.lithonla.com/archcolors for additional color options.
- 17 Black finish only.
- 18 Must be specified. L/LP not available with MHC.



Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

WST 150MHC FT LTL11069P

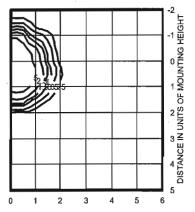
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens. Luminaire Efficiency: 52.9%

WST 150MHC MD LTL11068P

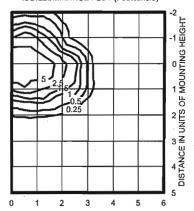
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 12500 rated lumens. Luminaire Efficiency: 60.2%

WST 150MHC WT LTL11070P

ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens. Luminaire Efficiency: 62.5%

Lamp	Initial lumens		Mounting	height		
Metal Halide		10'	12'	14'	16	
50W MH	3,900	0.43	0.30	0.22	0.17	
70W MH	5,500	0.62	0.43	0.31	0.24	
100W MH	8,500	0.95	0.66	0.48	0.37	
150W MH	12,500	1.41	0.98	0.72	0.55	
175W MH	12,800	1.44	1.0	0.73	0.56	
High Pressure Sodium						
35W HPS	1,250	0.26	0.18	0.13	0.10	
50W HPS	4000	0.45	0.31	0.23	0.17	
70W HPS	6,400	0 .72	0.50	0.37	0.28	
100W HPS	9,500	1.07	0.74	0.54	0.41	
150W HPS	16,000	1.80	1.25	0.91	0.70	

	Emerge	ncy Optio	n Lamp Co	ompatabilit	у		
Lamp options # of lamps/wattage	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED
355							
5 0 S							
70S							
1005							
150\$							
50M							
70M							
100M							
150M							
175M							



FEATURES & SPECIFICATIONS

INTENDED USE — For landscape and facade lighting.

CONSTRUCTION — Rugged, die-cast, single piece low copper alloy aluminum housing. Die-cast doorframe has impact-resistant, tempered, glass lens. Doorframe is fully sealed with a closed-cell silicone gasket. Standard finish is textured dark bronze (DDBT) polyester powder finish, with other architectural colors available. Patent No. DS52,778.

OPTICS — Anodized aluminum reflectors; segmented, specular or harmmertone finish for superior uniformity and control. Reflectors are interchangeable and allow for tool-less access to electrical components.

ELECTRICAL — 50W-150W utilizes a high reactance, high power factor ballast. 175W utilizes a constantwattage autotransformer ballast. Quick disconnect plug easily disconnects reflector from ballast and fixture from supply wires. Ballasts are precision wound and 100% factory tested. UL Listed. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available with 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact.

INSTALLATION — Standard mounting is cast ¾" threaded knuckle. Mounting mechanism features infinite locking points for aiming precision. Optional yoke mounting available, heavy-duty compact cast aluminum yoke adaptor to maintain fixture aesthetics. Provided with painted steel yoke and three feet of 16/3 SE00W cable.

LISTING — UL listed suitable for wet locations in all orientations. UL Listed to U.S. and Canadian safety standards (see Options). NOM Certified (see Options), 1P66 rated. Canadian patent pending.

Note: Specifications subject to change without notice.

Catalog Number		
Notes		
Туре		
'E'		



AERIS.

Architectural Floodlighting

ASF1

METAL HALIDE: 50W-175W HIGH PRESSURE SODIUM: 50W-150W

Specifications

EPA: 1.20 ft² Width: 15-1/2 (39.4) Depth: 7-5/8 (19.4) Height: 10 (25.4)

Overall Height: 10-7/8 (27.6)

*Max. Weight: 20 lbs (9.1 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

*Weight as configured in example below.

OH H

ORDERINGINFORMATION

For shortest lead times, configure products using standard options (shown in bold).

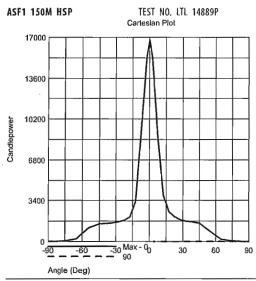
Example: ASF1 100M HSP TB LPI

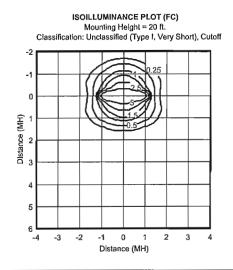
ASF1						F14 57834		
Series	Wattage	Distribution	Voltage	Bällast	Mounting	Options	Finish*	Lamp ¹⁰
ASF1	Metal halide 50M 70M 100M 150M 175M' Cermamic metal halide 50MHC 100MHC 150MHC 150MHC High pressure sodium 50S 70S 100S 150S	SP Spot HSP Horizontal spot NSP Narrow spot WDF Wide flood MDF medium flood VFN Vertical narrow VFW Vertical wide	120 208 ² 240 ³ 277 347 480 ² TB ³ 23050HZ ⁴	(blank) Magne ballast CWI Constai wattag isolated Pulso Start SCWA Super CWA pulse start ballast	(blank) Threaded	Shipped installed in fixture SF Single fuse (120, 277, 347V n/a TB) DF Double fuse (208, 240, 480V n/a TB) PE Photoelectric cell-button type (n/a 480V or TB) ^a CSA CSA certified NOM NOM certified ^a INTL Inermational shipment for 175M Shipped separately ⁶ ASF16S Glare shield (upper or bottom visor) ⁷ ASF1EV Eggcrate visor (black only) ASF1FV Full visor ⁷ ASF1BD Barn door ⁷ ASF1BVG Vandal guard ASF1FV/BVG Full visor/vandal guard ⁷	DDBT Dark bronze, textured DSST Sandstone, textured DNAT Natural aluminum, textured DWHG White, textured DBLB Black, textured CR Corrosion resistance CRT Non-stick protective coating (black only)	LPI Lamp included L/LP Less lamp

otes

- 1 These wattages do not comply with California Title 20 regulations.
- Must specify CWI in Canada.
- 3 Optional multi-tap ballast (120, 208, 240, 277); (120, 277, 347V in Canada ships as 120/347).
- 4 Consult factory for availability.
- 5 Available with 150M or 150MHC only.
- 6 May be ordered as an accessory.
- 7 Must specify finish when ordered as an accessory.
- Must be ordered with fixture; cannot be field installed.

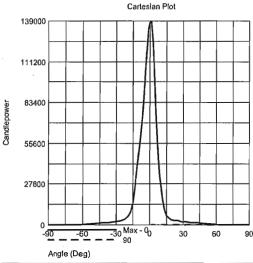
 5ee www.lithonia.com/archcolors for additional color options.
- 0 Must be specified. L/LP not available with MHC.

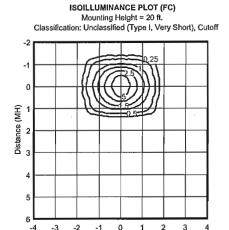




ASF1 150M NSP

TEST NO. LTL 148256P

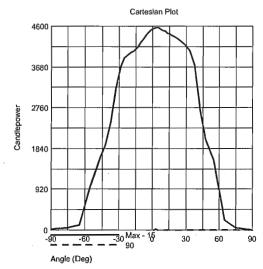


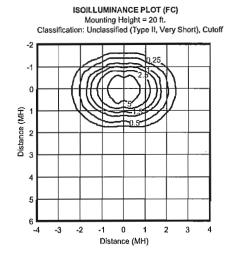


Distance (MH)

ASF1 150M WDF

TEST NO. LTL 14888P







FEATURES

OPTICAL SYSTEM

- Aluminum upper reflector coated with highly reflective white paint provides high efficiency and an evenly illuminated aperture appearance.
- Available with tempered prismatic lens (T73), flat Fresnel lens (FFL) or flat opal lens (FOL).
- Regressed white door (RW) or stepped black baffle (SB) available with white painted flange provided.
- Door is retained by self-aligning, torsion support springs, preventing gaps between door and ceiling.

MECHANICAL SYSTEM

- المراجة 16-gauge galvanized steel mounting/plaster frame with integral brackets to retain optical system. Maximum 1-1/2" ceiling thickness.
- 16-gauge galvanized steel mounting bars with continuous 4" vertical adjustment are shipped preinstalled. Post installation adjustment possible without the use of tools from above or below ceiling.
- Galvanized steel junction box with hinged access covers and spring latch. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors rated for 90°C.

ELECTRICAL SYSTEM

- Rugged aluminum lampholder housing.
- Vertically-mounted, four-pin, positive-latch, thermoplastic socket.
- Class P, thermally-protected, high power factor, electronic ballast mounted to the junction box.

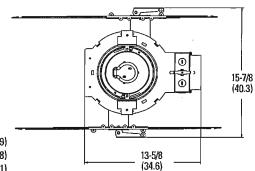
Aperture: 6-1/4 (15.9) Ceiling Opening: 7-1/8 (17.8) 7-1/2 (19.1) Overlap Trim:

Туре

'F'

Catalog number

All dimensions are inches (centimeters).

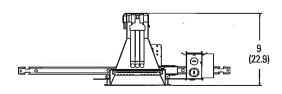


Compact Fluorescent Downlights

Round Lens

Vertical Triple-Tube Lamp

Wet Location



Example: LGFV 26TRT 6RW T73 MVOLT

LISTING

Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting and wet locations. Listed and labeled to comply with Canadian Standards.

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

<u>LGFV</u>			· · · · · · · · · · · · · · · · · · ·									
Series	Wattage/Lamp	Door	Frame	S	 hielding	Vol	l tage	Ва	ıllast³		Options	
LGFV	18TRT¹ 26TRT¹ 32TRT 42TRT	ec d d 6SB St bl	egress- I white oor tepped ack affle	FFL	Tempered prismatic lens Flat Fresnel lens Flat opal lens	1: 2	OLT ² 20 77 47	(blank)	Electronic ballast standard EcoSystem electronic dimming ballast. Minimum dimming level 5%.	CP TRDA LRC ⁶ GMF	Tamper-Resistant Door Assembly Provides compatibility with Lithonia Reloc System can be installed less this option with connector provided by others. Access above ceiling required Single slow-blow fuse (not available with MVOLT) Single fast-blow fuse (not available with MVOLT)	rs ng h
NOTES								ADEZ4	Advance Mark X™	WLP RIF	Radio Interference Filter	
	so operate DTT 4-PIN								electronic dimming	ELR ⁷	Emergency battery pack. Remote test switch provided	
voltage 3 For ad 4 120 or	olt electronic ballast from 120V through 27 ditional ballast types, 277V only.	7 7 V, 50 o refer to	r 60 Hz. Technical	Bullet	ins tab.				ballast; minimum dimming level 5%	GSKT NSD ⁸		
separa	Y5™ includes 9' S5 M tely) Available in 120	or 277V	only. Not	/stem (availa	snippea ble in 18W.			S5 ⁵	Simply5		Accessories	
6 For co 6 Not av 7 For dir 8 One 5/	mply5.net for more in mpatible Reloc systen ailable with ELR option nensional changes re A relay with one 0-10 d. Requires additiona	ns, refer n. fer to To VDC dim	to Techni echnical E ming outp	Bulletin out, shi	s tab. pped				system ballast		Order as separate catalog number. SCA6 Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D.	

6" LGFV Round Lens

Distribution curve	Distr	ibution	data	Out	put da	ata	(Coeffi	cien	t of ı	ıtiliz	atior	1	IIIuminance Data at 30" Ab a Single Lumina					
LGFV 32TRT 6RW T7	3, 32TRT	lamp,	1.1 s/m	h, 2400	rated	lumens,	Test	no.	LTL1										
80°	From 0°		Lumens			% Lamp	pf pc		3%	70)%)%		9%			50% bear 56.	_	10% bea 91.	
70°	0 5	563 563	53	0° - 30° 0° - 40°	408.5 600.8	17.0 25.0	<u>pw</u> 1	.39	.38	.39	.37	.37	.36	Ini Mount at	ital fc beam	Beam	fc at beam	Beam	fc at beam
HTT X 60°	15	536	150	0° - 60°	810.1	33.8	2	.36 .32	.34	.35 .32	.33 .30	.34 .31	.32 .29	height c		diameter	edge	diameter	edge
$\Pi X M X \Pi$	25 35	449 309	205 192	0° - 90° 90° - 180°	873.8 0.0	36.4 0.0	4	.29	.27	.29	.27	.28	.26	-	18.6 10.0	5.9 8.0	9.3 5.0	11.2 15.3	1.9 1.0
7T \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	45	171	133		873.8	*36.4	5	.27	.24	.26	.24	.26	.24		6.2	10.1	. 3.1	19.4	0.6
HTAX	55 65	83 41	76 42	*E	fficienc	У	6 7	.25 .23	.22 .20	.24 .23	.22 .20	.24	.21		4.3 3.1	12.3 14.4	2.1 1.5	23.5 27.6	0.4
1	75	16	18				8	.21	.18 .17	.21 .19	.18	.20	.18 .17					27.0	0.5
0° 10° 20° 30°	85 90	0	4				10	.18	.16	.18	.16	.18	.16						

LGFV 32TRT 6RW FFL, 32TRT lamp, 1.1 s/mh, 2400 rated lumens, Test no. LTL14209

7 J 90°	From 0°	Ave	Lumens	Zone	lumane	% Lamp	p f pc	9/	0%		0% 0%	50	3%			50% bea	-		
80°	1101110		Lumens				•									58.	1°	91.	.3°
100	0	604		0° - 30°	463.7	19.3	pw	50%	30%	50%	30%	50%	30%		Inital fc		fc at		fc at
100	5	624	58	0° - 40°	679.7	28.3	1	.45	.43	.44	.43	.42	.41	Mount	at beam	Beam	beam	Beam	beam
200	15	605	169	0° - 60°	914.0	38.1	2	.40	.38	.40	.38	.38	.37			diameter	edge	diameter	edge
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	25	517	236	0° - 90°	995.1	41.5	3	.37	.34	.36	.33	.35	.33	8	20.0	6.1	10.0	11.3	2.0
300 TT \\X \X \	35	348	216	90° - 180°	0.0	0.0	4	.33	.30	.33	.30	.32	.29	10	10.7	8.3	5.4	15.3	1.1
24 / A200	45	184	144	0° - 180°	995.1	*41.5	5	.30	.27	.30	.27	.29	.27	12	6.7	10.6	3.3	19.4	0.7
400	55	99	90	*E	fficiency	1	6	.28	.25	.28	.25	.27	.24	14	4,6	12.8	2.3	23.5	0.5
40°	65	54	54				7	.26	.23	.25	.23	.25	.22	16	3.3	15.0	1.7	27.6	0.3
500	75	21	22				8	.24	.21	.24	.21	.23	.20	10	3.3	13.0	1.,	27.0	0.5
- Land	85	4	5				9	.22	.19	.22	.19	.22	.19						
600 10° 20° 30°	90	0					10	.21	.18	.21	.18	.20	.18						

NOTES:
1. For electrical characteristics consult Technical Bulletins tab.
2. Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.





# **Exhibitor Series**

TOKISTAR® Exhibitor Series is a wet-location festoon lighting system widely used in amusement parks, shopping centers, street decorations and promenades. Exhibitor fixtures may also be surface mounted to accent rooflines and other architectural features.

Light sources include solid-state LEDs and incandescent xenon lamps, enclosed within shatterproof polycarbonate globes. These globes are injection blow-molded for a seamless appearance and excellent clarity. Each globe includes two o-rings for a secure and weatherproof seal to the socket.

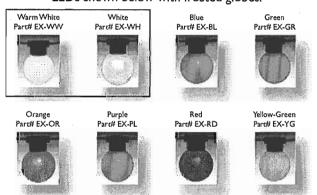
### LEDs

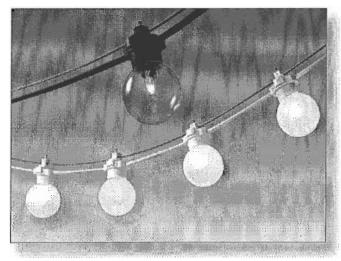
Tokistar LEDs operate at 24 VAC and consume only 0.48 Watts. This makes them our most energy-efficient light source and dramatically increases the maximum run length of each fixture.



With incredible life ratings, LEDs are ideally suited for continuous operation in commercial applications.

### LEDs shown below with frosted globes.





# **Xenon Lamps**

For a traditional incandescent look, our wedge-base lamps create crisp pin-points of light when specified with transparent globes. These xenon-gas lamps have the apparent brightness of much higher wattage standard incandescent lamps, and significantly longer life.

Lamp	Watts/Volts	Hours	Lumens	Color
EX-212	4.2 Watts / 12VAC	10,000	(35)	2550K
EX-124	7.5 Watts / 24VAC	10,000	65	2500K



In addition to clear and frosted globes, xenon lamps are available with green, amber, blue, red, and violet colored globes.

# **Specifications**

All plastic components comply with UL746C in respect to Ultraviolet Light and Water Absorption testing.

**Light Sources** include LEDs and xenon lamps

Polycarbonate Globe with flammability rating UL 94V-0

Flexible Conductors #12 AWG stranded and plated wire

Two O-Rings on each globe for weatherproof seal

Sockets permanently fastened to cable with sealant

Insulation is flexible PVC with flammability rating UL 94 HB



### EXBK - 12 - WW - F

# How to Specify

Three key considerations in specifying an **Exhibitor Lighting** System are:

Cable /	Socket Color	Sock	et Spacing		ŁED		26	Globe
Code	Color	Code	Inches (mm)	Code	Color	Watts/Volts	Code	Globe Color
вк	Black	6	6" (150 mm)	ww	Warm White	0,48 W / 24 VAC	C	Clear
WH	White	12	12" (300 mm)	WH	White	0.48 W / 24 VAC	F	Frosted
en recorde de la minima	s v gravisanovi indicaripatanta	18	(18" (450 mm)	BL	Blue	0.48 W / 24 VAC	G	Green
		24	24" (600 mm)	GR	Green	0.48 W / 24 VAC	Α	Amber
		•	stom Spacing	OR	Orange	0.48 W / 24 VAC	В	Blue
		is	Available)	PL	Furple	0.48 W / 24 VAC	R	Red
				RD	Red	0.48 W / 24 VAC	v	Violet
				YG	Yellow-Green	0.48 W / 24 VAC	M	Multi-Colors
perspect	ive when deci	ding on		(Any (	Combination of C	olors is Possible)		
	") are the best	•			Xenon La	ımp		
`	spacings (6"-			212	2550K	(4.2 W / 12VAC)		
closer vi	ewing range.	•		124	2500K	7.5 W / 24VAC		

### I) Socket Spacing

Consider viewing distance and socket spacing. Wider spacing for most festooning applicatio appropriate for applications at closer viewing range.

### 2) Light Source

LEDs create a softer lighting effect and are the most energyefficient choice. Since LEDs consume so little energy, they can run much greater distances from a single feed point. Xenon lamps will produce brighter distinct points of light.

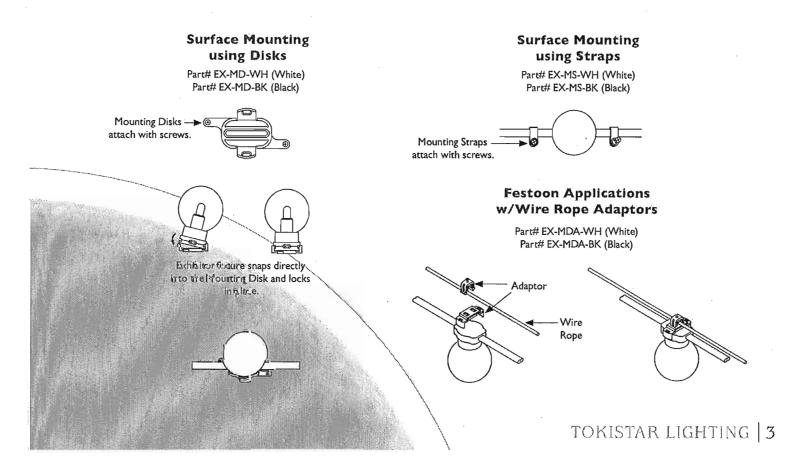
### 3) Globe Selection

Clear globes have excellent clarity and will emphasize the distinct points of incandescent or LED light. Frosted globes will diffuse light on their entire surface. Colored globes in combination with xenon lamps create vibrant color.

# **Mounting Options**

Exhibitor Series can be surface mounted to structures using our mounting disks or straps. For festoon applications, our wire rope adaptor securely holds each socket in place to 1/16" or 1/8"ø wire rope.

STANDARD PARANTI GALERROUNDI ANTONIA MARINTALI PARANTALI PARA



# Sizes and Lengths

(100 mm) 2.36"Ø (60 mm)

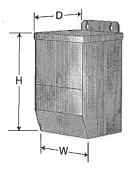
To minimize voltage drop and keep conductors safely within their ratings, do not exceed the maximum lengths shown for each independent fixture.

	Maximum Run Lengths									
	LED	Xenon Lamps								
Socket Spacing	.48 Watt / 24VAC	4.2 Watt / 12VAC	7.5 Watt / 24VAC							
6" (150 mm)	250' (76 M)	24' (7 M)	32' (10 M)							
12° (300 mm)	350' (106 M)	36" (ITM)	56' (17 M)							
18" (450 mm)	426' (130 M)	45' (14 M)	72' (22 M)							
24" (600 mm)	492' (150 M)	50' (15 M)	80' (24 M)							

### **Transformers**

Tokistar transformers operate from a 120 VAC/60 Hz input and are fully dimmable. They are provided in a Nema 3R enclosure suitable for wet locations. The secondary outputs are protected by circuit breakers.

Transformers should be installed in an accessible location. Magnetic transformers generate heat and must be installed in locations where there is free air circulation.



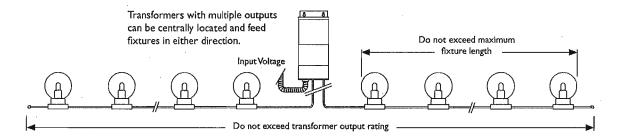
Consult factory for transformers with input voltages of 230 or 277 VAC. Sizes and weights shown are approximate and subject to change without notice.

T12 Series Transformers												
Number	Outputs	D	Н	W	Weight							
T12-100	I @ 100 Watt / 12 VAC	3.0"	9.0"	3.0"	5 lbs							
T12-150	I @ 150 Watt / 12 VAC	3.0"	9.0"	3.0"	5 lbs							
T12-250	1 @ 250 Watt / 12 VAC	3.5"	9.5"	4.5"	8 lbs							
T12-300	1 @ 300 Watt / 12 VAC	3.5"	9.5"	4.5"	8 lbs							
T12-500	2 @ 250 Watt / 12 VAC	4.5"	10.5"	4.5"	I2 lbs							
T12-600	2 @ 300 Watt / 12 VAC	4.5"	10.5"	4.5"	15 lbs							
T12-750	3 @ 250 Watt / 12 VAC	4.5"	10.5"	4.5"	15 lbs							
T12-1000	4 @ 250 Watt / 12 VAC	5.0"	11,5"	7,0"	28 lbs							
T12-1200	4 @ 300 Watt / 12 VAC	5.0"	11.5"	7.0"	28 lbs							

Number	Outputs	D	H	W	Weight
T24-100	1 @ 100 Watt / 24 VAC	3.0"	9.0"	3.0"	5 lbs
T24-150	I @ 150 Watt / 24 VAC	3.0"	9.0"	3.0"	5 lbs
T24-250	I @ 250 Watt / 24 VAC	3.5"	9.5"	4.5"	8 lbs
T24-300	I @ 300 Watt / 24 VAC	3.5"	9.5"	4.5"	8 lbs
T24-500	I @ 500 Watt / 24 VAC	4.5"	10.5"	4.5"	12 lbs
T24-600	1 @ 600 Watt / 24 VAC	4.5"	10.5"	4.5"	15 lbs
T24-750	2 @ 375 Watt / 24 VAC	4.5"	10.5"	4.5"	15 lbs
T24-1000	2 @ 500 Watt / 24 VAC	5.0"	11.5"	7.0"	28 lbs
T24-1200	2 @ 600 Watt / 24 VAC	5,0"	11,5"	7.0"	28 lbs

The recommended maximum distance between the fixture and the transformer varies based on the load of each fixture and the size of secondary wire feeding the fixture. Electrical engineers and contractors can calculate these distances.

Should you need guidance, consult the factory.



### TOKISTAR® LIGHTING INC.

1015 E. Discovery Lane • Anaheim, CA 92801

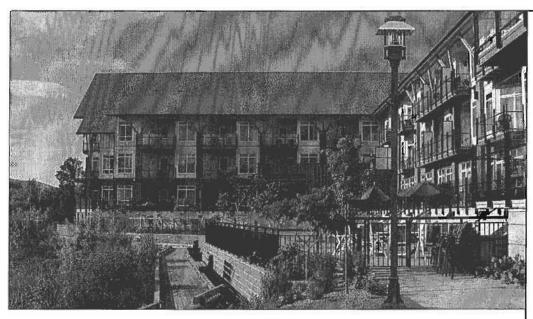
Tel: 714.772.7005 • Fax: 714.772.7014 • Toll free in U.S.A.: 877.340.7633

E-mail: info@tokistar.com • Web site: www.tokistar.com

# PKWM

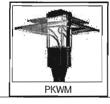
# Parkway Square™ - Medium Housing Scale

1	2	3	4	5	6			7	8
LUMBIAIDE	HOOD	OPTION	LAMB/DALLACT	DECORATIVE	OPTIONS			COLOR	MOUNTING
LUMINAIRE	HOOD	OPTICS	LAMP/BALLAST	SCREEN	GENERAL	HOOD	SCREEN		
PKWM									





PARKWAY SQUARE FAMILY OF FIXTURES



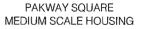


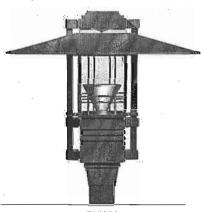




Features

- Four optical systems, including LED, horizontal, vertical, and indirect
- Features highly efficient, exclusive MicroEmitter™ technology
- Available with exclusive wiHUBB® technology
  - Wireless control system for 0-10VDC full range dimming control
  - Programmable autonomous operation
- Three hood styles to configure a look in harmony with your architecture
- · Six decorative screen options
- · Wide variety of custom arm options.
- Tool-less access
- EISA compliant
- IP65 rated for horizontal configurations and IP66 rated for vertical configurations
- Powder coat finish in 13 standard colors with a polymer primer sealer





PKWM



	TECHNOLOGY
JOB INFORMATION	
TYPE	
JOB NAME	
LAMP (BY OTHERS	)
CUSTOMER	
DATE	
	<u> </u>
Consult factory for a modified products	ny custom/

**APPROVALS** 



1	2	3	4	5		6		. 7	8
LUMINAIRE	HOOD	ODTION LAMBORALIANT D	DECORATION DECORATION	TIOO	DECORATIVE OPTIONS			COLOR	MOUNTING
LUMINAIRE	поор	OPTICS	LAMP/BALLAST	SCREEN	GENERAL	HOOD	SCREEN		
PKWM	*****						-		

### 1. LUMINAIRE

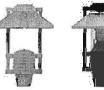
□ PKWM

Parkway Square Pedestrian (Medium) scale.

Slips over a 4" open top square pole or 2 3/8" tenon.

☐ ANG

Angled Hood



Horizontal Optics HT: 30.5'/775 mm DIA: 23'/584 mm EPA: 3.18 WT: 57 lbs.



Vertical Optics HT: 30.5*/775 mm DIA: 23*/584 mm EPA: 3.22 WT: 49 lbs.

☐ IND

t Hood Straight Hood

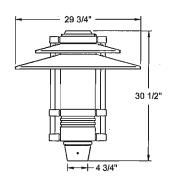
Indirect Hood (Underside finished in high reflectance white)



Vertical Optics HT: 30.5*/775 mm DIA: 29.75*/756 mm EPA: 3.21 WT: 63 lbs.

DBL Double Hood

Vertical Optics HT: 30.5"/775 mm DIA: 29.75"/756 mm EPA: 3.28 WT: 79 lbs.



### 3. OPTICS

HORIZONTAL LED OPTICAL SYSTEM - Available with ANG hood and LEDs only. Flat glass lens.

□ T2	Horizontal LED optical system. IES Type 2 distribution.
□ T3	Horizontal LED optical system. IES Type 3 distribution.
□ T4	Horizontal LED optical system. IES Type 4 distribution.
□ T5	Horizontal LED optical system. IES Type 5 distribution.

### VERTICAL LED OPTICAL SYSTEM

VL3	Asymmetric distribution
VL5	Symmetric distribution
HORIZONTAL	OPTICAL SYSTEM - Available with ANG hood only. Not available with LEDs. Flat glass lens.

7.01.11201417.12	or florid of of Live francis with five floor only. For available with LLDs. Flat glass forts.
H2	Horizontal optical system. IES Type 2 distribution.
H3	Horizontal optical system. IES Type 3 distribution.
H4	Horizontal optical system. IES Type 4 distribution.
H5	Horizontal optical system. IES Type 5 distribution.

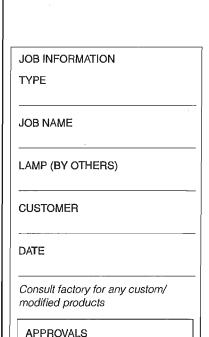
VERTICAL OPT	ICAL SYSTEM - Not available with IND or LEDs. Clear acrylic cylinder.
GLA	Vertical optical system. Frosted glass diffuser.
GR3	Vertical optical system. IES Type 3 glass refractor.
GR5	Vertical optical system. IES Type 5 glass refractor.

INDIRECT OPTICAL SYSTEM – Available with IND hood only. Not available with LEDs. Clear acrylic cylinder. Underside of hood is painted in high reflectance white.

-3	Indirect reflector. IES Type 3 distribution.
-5	Indirect reflector. IES Type 5 distribution.

BARE LAMP - Available with IL system only. Lightly diffused acrylic cylinder.

☐ BLO	Bare lamp system, only for induction lamp system.





16555 East Gale Ave. City of Industry | CA 91745 P 626.968.5666 | F 626.369.2695 www.aal.net | Copyright © 2012

PAGE 2 OF 6



# Parkway Square™ - Medium Housing Scale

1	2	3	4	5		6		7	8	
LUMINAIDE	ноор	OPTIOC	LAMD/DALLACT	DECORATIVE		DECORATIVE OPTIONS			COLOR	MOUNTING
LUMINAIRE	HOOD	OPTICS	LAMP/BALLAST	SCREEN	GENERAL	HOOD	SCREEN			
PKWM										

4.	LAMP/BAL	LAST	
	55LED-BW	42 light emitting diode array. Bright white (5100K). Class 2, 120 thru 277 volt. VL3 & VL5 only.	
	60LED-WW	MicroEmitter™ 60 light emitting diode array. Warm white (3500K). Class 1, 120 thru 277 volt. <i>Horizontal LED only.</i>	
	60LED-BW	MicroEmitter™ 60 light emitting diode array. Bright white (5100K). Class 1, 120 thru 277 volt. <i>Horizontal LED only</i> .	
	70MH	70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	70MHEB	70 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.	
	70MHT6	70 watt metal halide 120/277/347 voll ballast. Use G12 base, T6 ceramic lamp.	
	70MHT6EB	70 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T6 ceramic lamp.	
	100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	100MHEB	100 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.	
	150PSMH	Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	150PSMHT6	Pulse start 150 watt metal halide 120/277 volt ballast. Use G12 base, T6 ceramic lamp.	
	150MHEB	150 watt electronic metal halide 120 or 277 volt ballast. Use medium base, ED-17 lamp.	
	150MHT6EB	150 watt electronic metal halide 120 or 277 volt ballast. Use G12 base, T6 ceramic lamp.	
	70HPS	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	100HPS	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	150HPS	150 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.	
	IL85	85 watt induction lamp system. 120, 208, 240 or 277 volt25°C min. start temp.  Available in bare lamp configuration (BLO) with LDL lens only.	Lon Wilson Wilson
	CF	Compact fluorescent electronic 120 thru 277 volt ballast. Use GX24q base, 26, 32 or 42 watt lamp. Not available with horizontal or LED optics18° C min start temp.  Specify wattage.	JOB INFORMATION  TYPE
	140CO	140 watt electronic CosmoPolis™ 120 or 208 thru 277 volt ballast. Use PGZ12 base, CosmoPolis™ lamp. Not available with horizontal or LED optics.	JOB NAME
		All fixtures prewired for 277 volts unless specified. Lamps not included (except IL and LED options). All applicable ballasts are EISA compliant. Mini MasterColor® is a registered trademark and CosmoPolis™ is a trademark of Philips Lighting®.	LAMP (BY OTHERS)
			CUSTOMER



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PAGE 3 OF 6

# PKWM

# Parkway Square™ - Medium Housing Scale

1	2	3	4	5	6		7	8	
LUMINAIRE	Ноор	ODTICE	LABID/DALLACT	DECORATIVE		OPTIONS		COLOR	MOUNTING
LOMINAIRE	HOOD	OPTICS	LAMP/BALLAST	SCREEN	GENERAL	HOOD	SCREEN		
PKWM									

### 5. DECORATIVE SCREENS (OPTIONAL)

Painted to match fixture. Also available in stainless steel or copper. Not available with horizontal or LED optics.



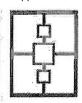




DSOF
Offset design
painted to
match fixture.



Wheat design painted to match fixture.



DSTR
Trio design
painted to
match fixture.



Shutter design painted to match fixture.



DSCS
Custom design*
painted to
match fixture.

6.	OPTIONS GENERAL	
	WIH-IM	In fixtures wireless control module. *For use with LED only.
	ULS	Upper lens shield above the hood. Reduces light above hood.
	<u>T</u> EN	2 3/8" O.D. x 4" long tenon. Required for all poles, except for PS4. GLA only.
	TEN23	Tenon adaptor slips over a 2 3/8" O.D. x 4" long tenon. Required for poles by others or used in conjunction with the TEN pole option by AAL. <i>GLA only.</i>
	LDL	Lightly diffused lens
	347	120/240/347 volt ballast for HID only, except 50MH and 50HPS.
	HOOD COP	Brushed copper hood
	STS	Stainless steel hood
	DECORATIVE SCRE	Screen in brushed copper Screen in brushed stainless steel

### 7. COLOR

AWT	Arctic White
BLK	Black
MTB	Matte Black
DGN	Dark Green
DBZ	Dark Bronze
WRZ	Weathered Bronze
BRM	Metallic Bronze
VBL	Verde Blue
CRT	Corten
MAL	Matte Aluminum

<u> </u>	MDG	Medium Grey
	ATG	Antique Green
	LGY	Light Grey
	SPP	Salt and Pepper (premium)
	SFM	Seafoam (premium)
	WCP	Weathered Copper (premium)
	SHK	Shamrock (premium)
	RAL COLOR	Provide a RAL 4 digit color number
	CUSTOM COLOR	Please provide a color chip for matching

JOB INFORMATION
TYPE
JOB NAME
LAMP (BY OTHERS)
CUSTOMER
DATE
Consult factory for any custom/
modified products

APPROVALS



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1	2	3	4	5	6			7	8
1 I II II II I I I I I I I I I I I I I	ноор	OPTIOC	LAMB/DALLACT	DECORATIVE SCREEN		OPTIONS		COLOR	MOUNTING
LUMINAIRE	HOOD	OPTICS	LAMP/BALLAST		GENERAL	HOOD	SCREEN		
PKWM -									

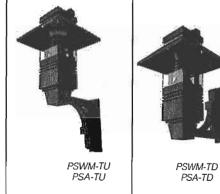
### 8. MOUNTING

WALL MOUNT - Mounting plate included. Hardware by others.

PSWM-TU	Fixture above with arm mounted up.	
☐ PSWM-TD	Fixture above with arm mounted down.	
☐ PSWM-BU	Fixture below with arm mounted up. Not available with indirect.	
PSWM-BD	Fixture below with arm mounted down. Not available with indirect.	

### POLE MOUNT - Mounts to the side of 4" O.D. pole.

PSA-TU	Fixture above with arm mounted up.
PSA-TD	Fixture above with arm mounted down.
PSA-BU	Fixture below with arm mounted up. Not available with indirect.
PSA-BD	Fixture below with arm mounted down. Not available with indirect.



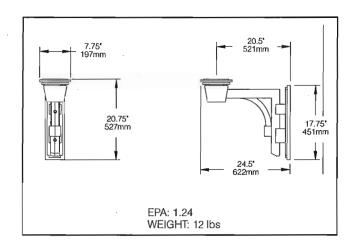






PSWM-BU PSA-BU

PSWM-BD PSA-BD



JOB INFORMATION
TVDE

JOB NAME

LAMP (BY OTHERS)

**CUSTOMER** 

DATE

Consult factory for any custom/ modified products

**APPROVALS** 



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PAGE 5 OF 6



## Parkway Square™ - Medium Housing Scale

1	2	3	4	5	6			7	8
LUMINAIRE	HOOD	OBTIOG	LAMP/DALLACT	DECORATIVE SCREEN		OPTIONS		COLOR	MOUNTING
	HOOD	OPTICS	LAMP/BALLAST		GENERAL	HOOD	SCREEN		
PKWM									

### HOUSING

Parkway Square housings shall be cast aluminum A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. The driver shall be mounted internally and accessed by loosening four captive bolts and lifting away the lamp compartment. The lamp compartment shall be sealed with a molded silicone gasket. All lenses shall be molded, seamless high impact lighting grade acrylic. The lens shall be sealed to the housing with a molded silicone gasket on the top and bottom. The vertical struts shall be cast aluminum and painted to match the fixture. All internal and external hardware shall be stainless steel. The fixture shall slip over a 4"/100mm square post top and secured with four stainless steel set screws. The hood shall be formed from 5052 H32 aluminum, 304 stainless steel or 110 copper. The underside of the hood shall be finished in a high reflectance white powder coating. Copper hoods shall be unfinished to develop a patina.

The horizontal optical system door shall be cast aluminum painted to match the fixture. The internal horizontal optical system shall be sealed from the outer housing with a silicone gasket. The tempered glass lens shall be sealed to the housing with a silicone gasket. A pair of stainless steel latches shall release the door to allow access to the optical system. The horizontal optical system shall be rotatable on 90° centers for orienting the light distribution. The horizontal optical system shall meet ANSI IES standards for full cutoff reflector systems when using arm in the BU or BD configuration.

### MICROEMITTER™ REFLECTOR

Precision injection molded, high specular reflectors shall be positioned to achieve directional control toward desired task. Secondary reflectors shall have a concave, specular medium hammertone finish that shall be used to redirect light downward. No fasteners shall be placed on the reflective surface. The entire assembly shall fasten to the housing as a one-piece module and shall feature wiring quick-connects for easy installation. MicroEmittersTM shall be field replaceable and shall be driven at 350mA current.

### **ELECTRICAL**

The driver shall be integral to the fixture, mounted on a prewired module with a quick disconnect plug, and shall be removable by loosening four screws. The driver shall accept 120 thru 277 volts input, with output drive current of 350ma, and shall be wired at the factory for 277 volts, unless specified. Standard color temperatures for LEDs shall be 3500k and 5100k. Rated luminous efficacy of luminaire shall be >40 Im/W, with rated light output of >2960 for 5100k LED. The vertical LED configuration shall have a self contained light engine consisting of a diode array mounted to a die-cast aluminum heat sink and sealed behind an injection molded and optically clear lens.

### INSTALLATION & MOUNTING

The PKWM shall be factory supplied as a complete, prewired assembly. The fixture shall slip over a 4" open top pole or 2 3/8" tenon and secured and leveled with 4 stainless steel set screws or arm mounted to the side 4"/100mm round or square pole.

### **FINISH**

Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

### **CERTIFICATION**

The fixture is listed with ETL or outdoor, wet location use and shall conform to ul1598 and Canadian CSA std. C22.2 No.9. lp65 rated for horizontal configurations and ip66 rated for vertical configurations.

### WARRANTY

Fixture is warranted for three years, with the exception of Parkway Square MicroEmitter™ LED models. Parkway square MicroEmitter™ LED, including housing, LEDs and electrical components, are warranted for five years. Driver components carry the driver manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the product(s) shall void this warranty. This warranty applies only to the use of the product(s) as intended by AAL and does not cover any misapplication or misuse of said product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.



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# IP68 ¼ ♦ 🛦 Å



# **9100** SERIES HID 150 WATT MAX. IN-GRADE LUMINAIRE

### **DESCRIPTION:**

The 9100 Series HID flush mounted Up-lights are designed for flush mounting in planting areas or in concrete, and are used for illuminating building facades, walls, trees, and similar applications. The lamp module and power modules are factory sealed, thermally protected, and connected by submersible rated connectors.

### **SPECIFICATIONS:**

**DOOR MATERIAL:** Cast aluminum or bronze that locks the lamp housing into the Rough-In Section with a single tamperproof stainless steel fastener.

**ROUGH-IN SECTION:** Injection molded ABS, U.V. stabilized, impact and corrosion resistant for use in all types of environments.

LAMP MODULE HOUSING: Stainless steel, sealed and purged of all moisture to 100°F (38°C). Electrical access to lamp module is done through submersible rated connector. THERMALLY PROTECTED.

LAMP TYPE: See ordering guide. LAMP INCLUDED.

VOLTAGE: See ordering guide.

DISTRIBUTIONS: The Spot Reflector is specular spun aluminum. The Wide Flood Reflector is diffuse spun aluminum and the Wall Wash Reflector is diffuse hydroformed aluminum. The Spot and Flood Reflector assemblies have 15° of internal lamp tilt on a 360° axis of rotation. Lamp tilt is not used in the Wall Wash units. The lenses are clear tempered flat glass. Convex lenses are available.

### THE COMMON LIGHT DISTRIBUTIONS ARE:

SPOT = 7° spread; WFL = 140° spread; NFL = 30° spread; MFL = 60° spread;

WW = 10 to 1 Uniformity Ratio

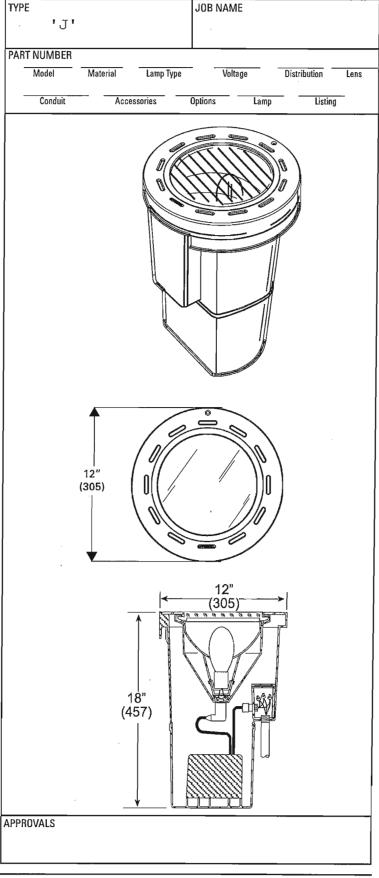
Reflectorized lamp distributions vary depending on manufacturer. Check Photometric Sheets.

POWER MODULE: Sealed unit encapsulated in an engineered composite resin to eliminate all water entry.

**CONDUIT ENTRIES:** 3/4" NPT are available in the cast aluminum integral Junction Box. Suitable for thru-branch wiring. This box has 24 cubic inches of volume.

LISTING: U.L., CSA, NEMKO

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATION WITHOUT NOTICE. Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)







# 9100 ORDERING INFORMATION

**60 Hz Application** 

PART NO		atalog no	menclature	e that best s	uits your needs	*Desig	nates required	selection.		·			
EXAMPLE 9100		150C	MT6 I	MVOLT	MFL		FLC	34	В	GEB	LP		
*Mod			□ 1: □ 2: □ 2: □ 2: □ 2: □ 3:	08 20 40 77		FLC5 FLC10 FLF FLCAS	*Lens Flat Lens Clear Flat Lens 5° Axial Spreac Flat Lens 10° Ti Flat Lens Froste Flat Lens Clear Anti-Slip	lt		Options  □ GEB ^s Electrol Ballast	nic		
A Alu	*Lamp	Туре			etribution	CLC		onduit			*Lamp		
	35CMT6 70CMT6¹ 150CMT6 50M² 70CM² 100M 100CM 150CM 150CM 150CM 150CM 23870CM² P3870CM² P3870CM² P38100M P38100CM P38150CM P38150CM S 50S² 70S 100S	E17, med. E17, med. E17, med. E17, med. E17, med. E17, med. E17, med. E17, med. PAR38, m PAR38, m PAR38, m PAR38, m	base base base base base base base base	☐ MFL¹ ☐ WFL¹ ☐ WFL¹	Spot Medium Flood Narrow Flood Wide flood Wall Wash Reflector, 5° spread lens Flood (PAR lam only)	ips		IHI ISS ^{1/} WWL <u>ternal</u> GS ²	R Modul L Interna Interna Wall W Glare S Rock G	er support ring al honeycomb louver al source shield lash Louver	LP Lamp install	Finishs BL Black BZ Bronze DDB Dark Bi DNA Natural GN Green GR Gray	ronze I Alum. ray erde

### Notes:

- Not Available with PAR Lamps. RG and GS are mutually exclusive.
- Not available with CLC Lens.
- MVOLT only valid if GEB is Chosen.
- GEB only available with MH lamps to 150 watts, MVOLT is the default voltage for GEB lamps.
- Not available with WWD distribution.
- Not available in 220 Volt.
- Only available in 120 or 277 Volt.
- Finish is only valid with "A" door material.

### Consisting of:

RIS Rough-In Section ACL Lamp Module **HSL Ballast Module** 

## 9100 ORDERING INFORMATION

50 Hz Application

Choose the boldface catalog nomenclature that best suits your needs. *Designates required selection. PART NO. EXAMPLE: SP **FLC** 16**B** ISS **GEB** LP **IEC** 9100 Α 150CMT6 22050Hz *Voltage *Lamp *Model *Conduit 9100 22050Hz Lamp 16B PG16 Bottom Round 23050Hz Installed 20B M20 Bottom 24050Hz MV0LT4 Finish⁷ *Material *Distribution Accessories **BL** Black A Aluminum Spot <u>Internal</u> **B** Bronze MFL Medium Flood MSR Modular support ring **BZ** Bronze Wide flood WFL IHL Internal honeycomb ☐ **DDB** Dark Bronze NFL Narrow Flood louver DNA Natural Alum. WWD Wall Wash ISS1.6 Internal source shield **GN** Green Reflector, 5° WWL1 Wall Wash Louver spread lens **GR** Gray **External** SND Sand GS2 Glare Shield STG Steel Gray RG^{2,3} Rock Guard TVG Terra Verde PC21 35 cu. in. potting Green compount WH White *LampType *Lens CF Custom Finish <u>HID</u> FLC Flat Lens Clear 35CMT6 T6, G-12 base FLC5 Flat Lens 5° Axial Spread 70CMT6 T6, G-12 base ☐ FLC5AS Flat Lens 5° Axial 150CMT6 T6, G-12 base **Options** Listing Spread - Anti-Slip 70M E27 base Flat Lens 10° Tilt FLC10 IEC GEB⁵ Electronic 70CM E27 base FLF Flat Lens Frosted **Ballast** 100M E27 base **FLCAS** Flat Lens Clear 100CM E27 base Anti-Slip 150M E27 base CLC Convex Lens Clear 150CM E27 base <u>HPS</u> 50S E27 base 70S E27 base 100S E27 base 

### Notes:

- Not Available with PAR Lamps.
- RG and GS are mutually exclusive.
- Not available with CLC Lens.
- MVOLT only valid if GEB is Chosen.
- GEB only available with MH lamps to 150 watts, MVOLT is the default voltage for GEB lamps.
- Not available with WWD distribution.
- Finish is only valid with "A" door material.

Consisting of:

RIS Rough-In Section

**ACL Lamp Module** 

HSL Transformer Module/ Power Cord

エエエエ

### 730LB PRAIRIE LIGHTED BOLLARD

### **SPECIFICATIONS**

### **GENERAL**

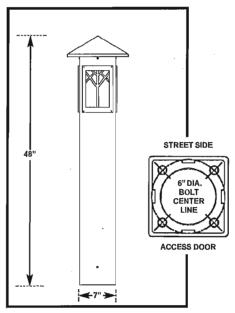
The Model 730LB decorative lighted bollard shall be aluminum, one-piece construction. The square aluminum shaft base shall be constructed with decorative cast window grilles and overhung roof cap. The Model shall be Sternberg Lighting #730LB lighted bollard or #730LB-QR quick release lighted bollard.

### CONSTRUCTION

The bollard housing shaft shall be 7" square having a wall thickness of ³/16" and made of ASTM 6061 extruded aluminum and tempered to a T6 condition. The bollard features four 6" wide windows with cast tree design grille work. The cast 12" square roof shall cantilever the fixture body and have a solid aluminum soffit. The assembly comes standard with a 1-piece white lens made of ¹/4" thick square heavy-duty acrylic for vandal resistance. Optional lenses are available. The internal anchor base shall be 6 ¹/2" square and made of heavy wall, 356 alloy cast aluminum and shall be vertically fastened to bollard housing. It shall have a ¹/2" thick floor cast as an integral part of the base. The overall height of the bollard shall be 48". (For other heights, consult factory).*

### **ELECTRICAL**

All electrical components shall be U.L. approved. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base porcelain sockets to be 4KV rated. The ballast/socket assembly shall be pre-wired. Optional compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to 0 degrees F. They shall have a 4-pin socket and support quad tube and triple tube lamps. Ballasts shall be DOE EISA compliant.



See installation template for exact door position.

Email: info@sternberglighting.com

QUICK RELEASE MOUNTING (Optional)

The Model 730LB-QR shall have a quick release option which allows quick removal of the bollard for convenience or emergency access. The burial portion shall be made of ASTM 6061 aluminum extrusion and shall have a keyway and flexible connection system for securing to bollard. The bollard shall have a mated extension and anti-rotation key and padlock slot. The quick release system shall allow for a flush pavement installation after temporary bollard removal.

### **FINISH**

LIGHTING

Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder baked at 400 degrees for a durable and superior, color retentive finish. Our optional antique Verde Green finish and Swedish Iron finish are hand brushed using a 3-step process. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

### INSTALLATION

Four, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for non-quick release bollard anchorage. Quick release anchorage requires no anchor bolts. Bollard will be provided with a grounding stud mounted on the base floor.

WARRANTY Five-year limited warranty. See product and finish warranty guide for details.

www. sternberglighting.com

### **BUILDING A PART NUMBER** PART NUMBER SELECTIONS OPTIONAL **LAMPS FINISHES STANDARD** · OWGT Old World Gray Textured **BALLASTS** OPTIONS FINISH BOLLARD MODEL CHAIN RALLAST 35HPS HPS35/MED BKT Black Textured · OWG Old World Gray LOOP WATTS/TYPE/VOLTS Black • 50HPS HPS50/MED BK **FINISHES CUSTOM** • 70HPS HPS70/MED VG Verde Green 730LB FHS 70 HPS120 WHT White Textured • HPS100/MED • 100HPS PGT Park Green Textured • WH White MHP50/MED 50MHP PG Park Green • CV Copper Vein 70MHP MHP70/MED ABZT Architectural Medium MODELS* · WBK Weathered Black 100MHP MHP100/MED Bronze Textured • 730LB · WBR Weathered Brown PLT26 Architectural Medium 26PLT ABZ 730LB-QR CD Cedar PLT32 32PLT Bronze RT Rust * NOTE: For custom heights 42PLT PLT42 SI Swedish Iron Old Iron Ol designate height after bollard DBT Dark Bronze Textured INCAND Two Tone TT Dark Bronze DB Example: 730LB-42* · CM Custom Match **VOLTAGES OPTIONAL** "TO ORDER CHAIN: **CHAIN LOOP**** • 120 **OPTIONS** Specify total length of chain • 208 CL1 • PEC1 Photocell-Bimetal 120 Volt . FHD Dual Fuse and required for project. Chain Loop • 240 • PEC2 Photocell-Bimetal 208-277 Volt Holder-208,240,480 Volt MHP- Metal halide systems • 277 CL2 Chain • PEC1-E Photocell-Electronic 120 Volt GFI Ground Fault are pulse start. Loops 180º • 480 PEC2-E Photocell-Electronic 208-277 Volt Interrupter Duplex Outlet MULTI • FHS Single Fuse and Holder-120,277 Volt • LAMPS Select from List (120 - 277)555 Lawrence Ave. Roselle, IL 60172 • 847-588-3400 • Fax 847-588-3440



# IP68 ₹ ♦ Å Å

# 4421 BASE OR YOKE MOUNT

# LINE VOLTAGE FOUNTAIN FIXTURE

### **DESCRIPTION**

The 4421 series is ideal for shallow pool installations. Designed for the 120V T-4 mini-can tungsten halogen (quartz) lamp, 500W Max. It is compact in size with an over all height of 8 3/8". The standard unit employs a medium-angle flood pattern reflector. The reflector is chrome plated spun copper.

### FEATURES & SPECIFICATIONS

FIXTURE HOUSING & ROCK GUARD: Heavy wall cast bronze construction. Natural bronze finish.

LAMP: 500W Max., T-4 mini-can.

SOCKET: Mini-can base type with 200°C insulated leads.

**DISTRIBUTION:** Reflector is parabolic chrome plated spun copper.

LENS: 7 9/16" diameter convex clear tempered heat resistant glass.

MOUNTING: ALB custom base enables underwater lighting fixtures to be mounted 2" below the water level regardless of the depth of the fountain. This is achieved by securing the base in 3 places and cutting a length of 3/4" red brass pipe (threaded on one end) to the desired size. The locking mechanism allows you to remove the fixture for re-lamping without upsetting the fixture adjustment.

RISER: RSR6 if no length specified and ALB is chosen. 4"-24" Riser stem, available in 2" increments.

GASKET: Single-piece molded U-shaped silicone.

**CORD:** Minimum of 10' of #16-3ST submersible rated cord. Cord entrance is brass, water-tight seal and epoxy encapsulated. *Cord length must be specified.* 

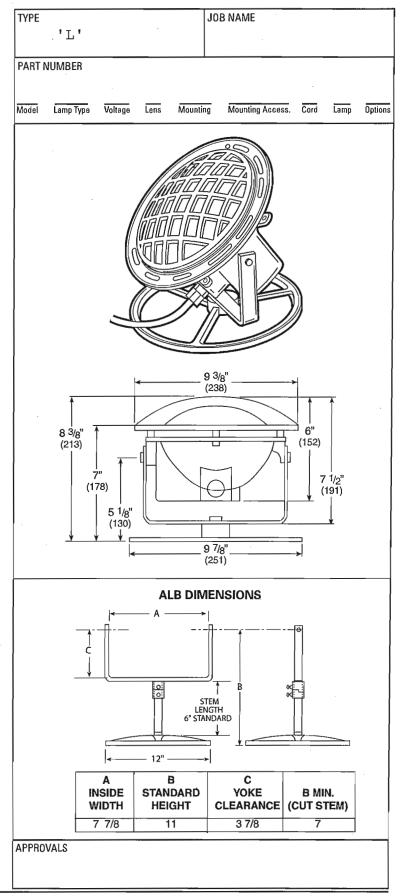
FACTORY LEAK TESTED: Fixtures are tested at 10 PSI (0.70kg/cm²) internal pressure while totally submerged in water.

**LOW WATER CUT-OFF:** Temperature sensing low water cut-off standard.

FASTENERS: Stainless steel.

LISTING: U.L., C.S.A.

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATION WITHOUT NOTICE. Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)





□ 1500. T4 MC

□ 2500 T4 MC □ 4000 T4 MC □ 500Q1 T4 MC



available in

5' increments

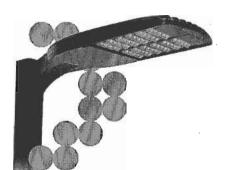
# 4421 ORDERING INFORMATION

**60 Hz Application** 

Choose the boldface catalog nomenclature that best suits your needs.

PART NO. **EXAMPLE:** CSL10 LPI **CSA** 4421 500Q 120 CLC BM **ALB RSR6** Mounting Acc.³ Model Voltage Lens Mounting Lamp Option □ 4421 □ 120 CLC² Convex ☐ BM Base Mt □ RSR_ 4 4"-24" Riser ☐ LPI Lamp **Listing** Included Lens Clear □ YM Yoke Mt Stem □ CSA Canadian available in 2" Standard ☐ ALB Adjustable increments Locking Association Base **Lamp Type Cord Set Length** □ 100Q T4 MC □ CSL__ 10'-120' of cord

- Notes: 1 5000 will be used if no lamp is chosen.
- ² CLC will be used if no lens is chosen.
- ³ Mounting Accessories are only available with BM.
- 4 RSR6 will be used if no riser length is specified and ALB is chosen.



# **D-Series Size 1** LED Area Luminaire





# Notes

Hit the Tab key or mouse over the page to see all interactive elements

### **Specifications**

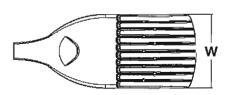
**EPA:** 0.8 ft² (0.07 m²)

Length: 33" (83.8 cm)

Width: 13" (33.0 cm)

Height: 7-1/2" (19.0 cm)

Weight 27 lbs (max): (12.2 kg)







### Introduction

Catalog

Numbe

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing 100 – 400W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

### Ordering Information

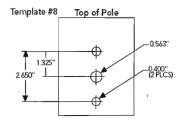
### EXAMPLE: DSX1 LED 2 30B700/40K SR3 MVOLT SPA DDBXD

DSX1 LED Series	110	it Engines	Per formance P	arkane ¹	Distri	nition	Voltage	Mount	na	Options		Finish (co	12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DSX1 LED	1 2	One engine (30 LEDs) Two engines (60 LEDs)	530 mA option 30B530/30K 30B530/40K 30B530/50K 700 mA option 30B700/30K 30B700/40K 30B700/50K	3000K 4000K 5000K	SR2 SR3 SR4 SR5 FT	Type III Type IV Type IV Type V Forward throw	MV0LT ² 120 ² 208 ² 240 ² 277 ² 347 ³ 480 ³		ed Included  Square pole mounting Round pole mounting Wall bracket		ed installed  NEMA twist-lock receptade only (no controls) 0-10V dimming driver (no controls) ⁴ Dimmable and controllable via ROAM® (no controls) ³ House-side shield ⁶ Single fuse (120, 277, 347V) ⁷ Double fuse (208, 240, 480V) ⁷ Utility terminal block Tool-less entry trigger latch	DDBXD DBLXD DNAXD	Dark bronze Black Natural aluminum White Textured dark bronze Textured black Textured natural aluminum Textured white

Drilling

Ordered and shipped separately

Accessories



### **Controls & Shields**

| DSS124N 1.5 TJJE U | Photocell - SSL twist-lock (120-277½) * RENZ77-NM1 U | ROAM* node (277½) * SC U | Shorting cap *

DSX1 LED 1 HS U House-side shield (for one light engine)
DSX1 LED 2 HS U House-side shield (for two light engines)

For more control options, visit ETI, and ROAM online.

# OSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

 DM19AS
 Single unit
 DM29AS
 2 at 90°

 DM29AS
 2 at 180°
 DM39AS
 3 at 90°

 DM49AS
 4 at 90°
 DM32AS
 3 at 120°

Example: SSA 20 4C DM18AS DDBXD

Visit Lithonia Lighting's PCLES CENTRAL to see our wide selection of poles, accessories and educational tools.

### Tenon Mounting Slipfitter*

Johan A.D.	Simple Unit	2जा १८४४	2at 90	aut lar	3 at 911	4 21.90
2-3/8*	AST 20-190	A3T20-280	AST20-290	AST20-320	AST 2D-390	AST20-490
2-7/8"	AST 25-190	A\$T25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	A\$T35-280	AST35-290	AST35-320	AST35-390	AST35-490

" For round pole mounting (RPA) only

### NOTES

- Configured with 4000K (/40K) provides the shortest lead times. Consult factory for 3000K (/30K) and 5000K (/50K) lead times.
- 2 MYOLT driver operates on any line voltage from 120-277V. Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with with single board, 530 mA product (1 308530).
- 4 Not available with 347 or 480V.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Cell 1-800-442-6745 or email: sales@roamservices.net.
- 6 Also available as a separate accessory; see Accessories information at left.
- 7 Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- 8 Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.



