

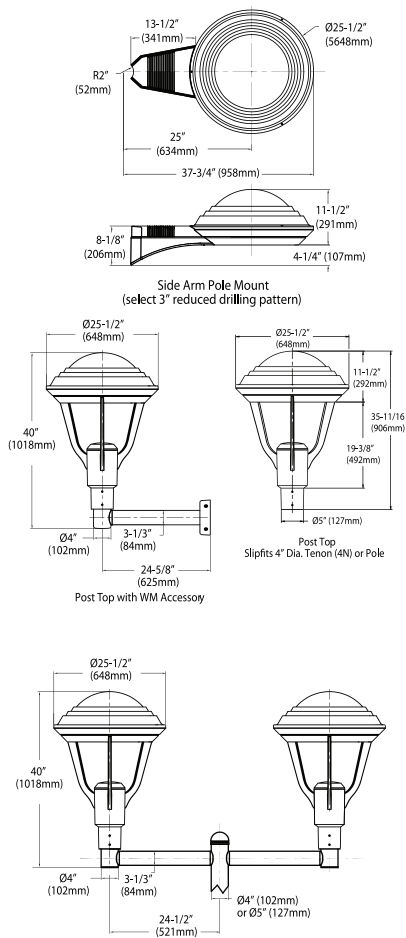
WLS LIGHTING SYSTEMS

HIL SERIES

DECORATIVE LED



DIMENSIONS



SPECIFICATIONS

HOUSING - Modular fixture is available in two mounting styles - Post Top and Side Mount. One piece housing/support frame is die-cast aluminum. Combination mounting arm/driver enclosure on side mount version is die-cast with integral ribs for heat dissipation. Access cover and support arms for post top versions are die-cast aluminum.

HOUSING TOP CAP - Removable spun aluminum cap/post top driver enclosure is retained by captive stainless steel fasteners and safety cables. Housing and top cap interface is sealed with a one-piece extruded silicone gasket. Tool-less entry option is available.

SEALED OPTICAL UNIT - Lens is clear, flat tempered glass, sealed to aluminum optics housing. Pressure stabilizing breather allows super-tight protection while preventing temperature cycling from building up internal pressures and vacuums that can stress optical unit seals and components.

LEDs - Select high-brightness LEDs. 5800°K color temperature (nominal) 70 CRI (nominal).

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location.

DISTRIBUTION/PERFORMANCE - Types 2, 3, FP, and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). State-of-the-art driver technology designed specifically for WLS LED light sources provides unsurpassed system efficiency. Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards.

FASTENERS - All exposed fasteners are black oxide coated stainless steel. Internal fasteners are stainless steel or zinc electro-plated steel.

ELECTRICAL - A terminal block for attachment of incoming primary wiring is supplied. Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input), 347VAC and 480VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277, or 347 volt (supply voltage must be specified).

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to + 122°F).

FINISH - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, white, satin verde green, graphite, and metallic silver. Custom colors available upon request.

WARRANTY - WLS LED fixtures carry a limited 5-year warranty.

LISTING - Listed in the U.S. and Canadian safety standards. Suitable for wet locations.

ARRA
Funding Compliant



IP65



Approved By: _____ Project Name: _____

Location: _____ Date: _____

1919 Windsor Place ■ Fort Worth, TX 76110 ■ 800.633.8711 ■ Fax: 817.735.4824 ■ www.wslighting.com

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Consider the Impact!

HIL SERIES

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ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.









SERIES	DISTRIBUTION	# OF LEDS	LIGHT SOURCE	DRIVE CURRENT	COLOR TEMPERATURE	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
HILP Post Top HILS4 Side Arm Mount for 4" Poles ¹ HILS5 Side Arm Mount for 5" Poles ¹	2 - Type II 3 - Type III FP - Forward Throw 5 - Type V	63	LED	350 - 350mA 450 - 450mA	CW - Cool White (5300°K nom.)	UE - Universal Voltage (120-277) 347 - 480	BRZ - Bronze BLK - Black PLT - Platinum Plus WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver CC - Custom Color	PCI - Button-Type Photocell TE - Tool-less Entry NO - No Options	SPA - Square Pole Adaptor (S4 and S5 only) WM - Wall Mount (Post Top only) SAWM - Side Arm Wall Mount (S4 and S5 only) MPT4 - Medium Bolt on Bracket (for Post Top 180) for 4" Dis. Round Poles ^{1,2} MPT5 - Medium Bolt on Bracket (for Post Top 180) for 5" Dis. Round Poles ^{1,2} NA - No Accessories

HILP 5 128 LED 350 CW UE BRZ NO NA
(EXAMPLE ORDER)

ORDER: WLS-HIL

FOOTNOTES:

- 1- For correct mounting, order poles with 3" reduced drilling pattern.
- 2- For Post Top mounting configurations other than D180, consult factory. Order one bracket per fixture.

	MOUNTING STYLE	
	PT	1.2
	PT	2.5
	SA	1.3
	SA	2.5
	SA	2.2
	SA	3.4
	SA	3.4
	SA	4.0

SHIPPING WEIGHTS - HIL Series

Catalog Number	Est. Weight (kg/lbs.)
XINM3 (PT or SA)	29/64

	# of LEDS	Lumens (Nominal)				Watts
		Type 2	Type 3	Type FT	Type 5	
Arm Mount	63	5535	4925	5710	4530	75
	63	6335	5555	6385	5070	98
Post Top	63	5015	4180	5125	4120	75
	63	6125	5250	6345	5025	98

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