

# *City of West Branch*

~A Heritage for Success~

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110 N. Poplar Street • PO Box 218 • West Branch, Iowa 52358  
(319) 643-5888 • Fax (319) 643-2305 • [www.westbranchiowa.org](http://www.westbranchiowa.org) • [city@westbranchiowa.org](mailto:city@westbranchiowa.org)

## **WEST BRANCH PRESERVATION COMMISSION MEETING**

**Thursday, January 28, 2016 • 7:00 p.m.**

**West Branch City Council Chambers, 110 N. Poplar St.**

*Council Quorum May Be Present*

1. Call to Order
2. Roll Call
3. Approve \_\_\_\_\_ as Chairperson of the West Branch Preservation Commission./Move to action.
4. Approve recommendation to City Council to adopt the model ordinance establishing a historic preservation commission for the City of West Branch, Iowa; providing for the recognition and promotion of historic sites and defining powers and duties of the commission./Move to Action.
5. Downtown Lighting Update
6. Adjourn

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**West Branch Preservation Commission Members:** Alan Bohanan, John Fuller, Peggy Jeffries, Lou Picek, vacant

**West Branch Preservation Commission Honorary Members:** Lynn Smith, Karen Suchomel, Cary Wiesner

**Mayor:** Roger Laughlin • **Council Members:** Jordan Ellyson, Colton Miller, Brian Pierce, Tim Shields, Mary Beth Stevenson

**City Administrator/Clerk:** Matt Muckler • **Fire Chief:** Kevin Stoolman • **Library Director:** Nick Shimmin

**Parks & Rec Director:** Melissa Russell • **Police Chief:** Mike Horihan • **Public Works Director:** Matt Goodale

## CHAPTER 26

### WEST BRANCH PRESERVATION COMMISSION

26.01 Purpose  
26.02 Definitions  
26.03 Commission Established  
26.04 Membership  
26.05 Term  
26.06 Quorum

26.07 Permit Required  
26.08 Application  
26.09 Investigation and Issuance  
26.10 Violation  
26.11 Nonconforming Signs  
26.12 Enforcement  
26.13 Annual Report

#### **26.01 PURPOSE.** The purpose of this chapter is:

1. To foster civic beauty.
2. To stabilize, improve and protect property values.
3. To strengthen the local economy.
4. To promote the use of and to perpetuate, protect and preserve areas and structures of historic and architectural value for the education, pleasure and welfare of the citizens of the City.
5. To serve as a liaison between the City government and the various aspects of the community and other interested organizations and participants.
6. To develop an awareness of our heritage through historic preservation values regarding the community of West Branch, and to create an environment of the period from the 1870's to the 1920's with an appearance compatible with the themes of the Herbert Hoover National Historic Site, blending the areas where possible. Particular attention should be paid to Heritage Square Park, a sensitive area which provides a transition between the site and downtown West Branch.
7. To develop a grant program designed to aid property owners and/or business owners within the preservation district in the design and purchase of signs that will complement the West Branch Historic District and the West Branch Preservation District. Participation in a resulting grant program would be voluntary.

#### **26.02 DEFINITIONS.**

1. "West Branch Historic District" consists of any building in West Branch that is listed on the National Register of Historic Places. All of the terms of this chapter apply to property located within the West

Branch Historic District. *(See Map included in the Appendix to this Code of Ordinances.)*

2. “West Branch Preservation District” consists of all of those properties located within the West Branch Historic District, together with all of those properties in the West Branch Preservation District, as shown on the map included in the Appendix to this Code of Ordinances. The provisions of this chapter relating to signs apply to property located within the West Branch Preservation District. Property located in CB-1, CB-2 and CI-2 Districts may be included in the West Branch Preservation District upon application of the property owner to the City. *(See form of application in the Appendix to this Code of Ordinances.)*

**26.03 COMMISSION ESTABLISHED.** The Council shall establish and maintain a West Branch Preservation Commission which shall be vested with the responsibility of assuring that new construction, exterior alterations and/or repairs to the buildings situated in the Historic District conform to the requirements set forth in the *Standards For The Restoration and Rehabilitation of Historic Structures* and/or the *Standards for Signage Design and Display* and that signs in the Preservation District conform to requirements set forth in the *Standards for Signage Design and Display*. The West Branch Preservation Commission shall be composed of five (5) members, at least one (1) of whom shall be a resident or owner of property in the Preservation District. The West Branch Historic Preservation Commission recommends that three (3) honorary (non-voting) advisory members be appointed by the Council: the Superintendent of Herbert Hoover National Historic Site or representative, the Director of the Herbert Hoover Presidential Library or representative and the Executive Director of the Herbert Hoover Presidential Library Association or representative. *(See the Appendix to this Code of Ordinances for the Standards for Restoration and Rehabilitation of Historic Structures and Standards for Signage Design and Display.)*

**26.04 MEMBERSHIP.** The Commission shall consist of five (5) members, appointed to staggered three-year terms by the Mayor with approval of the Council. Appointments are to be made with due regard to proper representation of residents and property owners of the district. The members of the West Branch Preservation Commission shall elect the Chair for a term of one year by majority vote at the first scheduled meeting each year.

*(Ord. 591 – Sep. 05 Supp.)*

**26.05 TERM.** The term of membership on the West Branch Preservation Commission shall be two (2) years. Initial appointment is made in such a manner as to stagger the terms.

**26.06 QUORUM.** Three (3) voting members of the West Branch Preservation Commission shall constitute a quorum.

**26.07 PERMIT REQUIRED.** It is unlawful for any person to begin new construction or to make any external alteration or repairs, including signs, in any manner whatsoever to any building within the confines of the Historic District, or to install or change a sign within the Preservation District, without first obtaining a permit as provided herein.

**26.08 APPLICATION.** Applicants for permit under this chapter must file with the Mayor an application in writing on a form furnished for such purpose, which shall give the following information:

1. Name of applicant and property owner.
2. Permanent address of applicant and full address of property owner.
3. A detailed description of the nature of the proposed construction, external alteration and/or repair to the building.
4. A drawing or sketch of proposed construction or external alteration.
5. The intended start and finish dates for alteration and/or repair.

*(See the Appendix to this Code of Ordinances for Permit Application Form.)*

**26.09 INVESTIGATION AND ISSUANCE.**

1. Upon receipt of application for permit under this chapter by the Mayor or designated alternate, the application shall be checked for compliance with the City of West Branch Building Codes within five (5) days. It shall also be referred upon receipt to the Chairperson of the West Branch Preservation Commission.
2. Applications for construction, alterations and/or repairs not in compliance with City of West Branch Building Codes will be returned to the applicant with a complete explanation of changes necessary for compliance.
3. Upon receipt of application, the Chairperson of the West Branch Preservation Commission shall call a meeting of said Commission. The

Commission shall approve or disapprove the application by majority vote based on the *Basic Standards for the Restoration and Rehabilitation of Historic Structures, Standards for Signage Design and Display, Checklist and Example of Prohibited Signs*. (See Appendix to this Code of Ordinances.) The application and a report of Commission action shall be returned to the Mayor within ten (10) calendar days from date of receipt.

4. Upon receipt of the application and report from the West Branch Preservation Commission, the Mayor or designated agent will issue a permit to authorize construction, alterations and repairs receiving approval of the Commission. The permit shall be issued within twelve (12) calendar days from the date of the application. The permit fee shall be \$10.00.

5. Upon receipt of an unfavorable report from the West Branch Preservation Commission, the Mayor or his or her assigned agent will notify applicant of the rejection and the reason therefor. The applicant will also be informed in the same notification that the rejection can be appealed through the Council at the following regular meeting, or that a revised application may be submitted to the Commission for review.

6. The Council shall serve as an arbitrator on all appeals. The Council shall make a decision within 30 days of an appeal. An appeal of the decision of Council, if any, must be made with the Clerk of District Court within 60 days of the decision of Council.

**26.10 VIOLATION.** Any person violating any provision of this chapter shall be deemed guilty of a misdemeanor; if such violation continues, each day's violation shall be considered a separate offense.

**26.11 NONCONFORMING SIGNS.** All signs installed or displayed on September 9, 1991, are allowed to remain. All signs installed or displayed subsequent to September 9, 1991, and all future signs, including replacements or modifications, must fully comply with this chapter. Variances may be granted upon showing of undue hardship. Before any variance is granted the following conditions must be shown to be present: the sign must be located outside a building and must display a trademark or symbol recognized State-wide or nationally.

**26.12 ENFORCEMENT.** The Mayor or such officer(s) of the City as may be designated by the Mayor shall be responsible for the enforcement of the provisions of this chapter and shall notify those persons or establishments who are in violation of this chapter. The Historic Preservation Commission or any private citizen may notify the Mayor that a sign may be in violation of this chapter, but it is the Mayor's duty to enforce this chapter.

**26.13 ANNUAL REPORT.** The Commission shall report annually to the Council on its activities. The report shall be presented to the Council each year in July. The Commission shall submit a preliminary budget to the City Council the first meeting in January each year. *(Ord. 565 – Feb. 04 Supp.)*

## **ORDINANCE**

**736**

### **AN ORDINANCE ESTABLISHING A HISTORIC PRESERVATION COMMISSION FOR THE CITY OF WEST BRANCH, IOWA; PROVIDING FOR THE RECOGNITION AND PROMOTION OF HISTORIC SITES AND DEFINING POWERS AND DUTIES OF THE COMMISSION.**

#### **BE IT ORDAINED BY THE CITY COUNCIL OF WEST BRANCH, IOWA:**

##### **Section 1: Purpose and Intent**

The purpose of this ordinance is to:

- a. Promote the educational, cultural, economic and general welfare of the public through the recognition, enhancement, and perpetuation of sites and districts of historical and cultural significance;
- b. Safeguard the City's historic, aesthetic, and cultural heritage by preserving sites and districts of historic and cultural significance;
- c. Stabilize and improve property values;
- d. Foster pride in the legacy of beauty and achievements of the past;
- e. Protect and enhance the City's attractions to tourists and visitors and the support and stimulus to business thereby provided;
- f. Strengthen the economy of the City;
- g. Promote the use of sites and districts of historic and cultural significance as places for the education, pleasure, and welfare of the people of the City.

##### **Section 2: Definitions**

- a. Commission. The West Branch Historic Preservation Commission, as established by this ordinance.
- b. Historic District. An area which contains a significant portion of sites including archaeological sites, buildings, structures, objects and/or other improvements which, considered as a whole, possesses integrity of location, design, setting, materials, workmanship, feeling, and association, and
  1. embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or that possesses high artistic values, or that

- represents a significant and distinguishable entity whose components may lack individual distinction; or
  - 2. is associated with events that have made significant contributions to the broad patterns of our local, state or national history; or
  - 3. possesses a coherent and distinctive visual character or integrity based upon similarity of scale, design, color, setting, workmanship, materials, or combinations thereof, which is deemed to add significantly to the value and attractiveness of properties within such area.
  - 4. is associated with the lives of persons significant in our past; or
  - 5. has yielded, or may be likely to yield, information important in prehistory or history.
- c. *Historic Landmark. A site including archaeological sites, object, structure or building which,*
- 1. is associated with events that have made a significant contribution to the broad patterns of our history; or
  - 2. is associated with the lives of persons significant in our past; or
  - 3. embodies the distinctive characteristics of a type, period, or method of construction, or that represents a work of a master, or that possesses high artistic values, or that represents a significant and distinguishable entity whose components may lack individual distinction; or
  - 4. has yielded, or may be likely to yield, information important in prehistory or history.

### Section 3: West Branch Historic Preservation Commission

- a. The Commission shall initially consist of five members who shall be residents of the City.
- b. Members of the Commission shall be appointed by the Mayor with the advice and consent of the City Council. Members shall demonstrate a positive interest in historic preservation, possessing interest or expertise in architecture, architectural history, historic preservation, city planning, building rehabilitation, conservation in general or real estate.
- c. The original appointment of the members of the Commission shall be, three for two years, and two for three years, from January 1 following the year of such appointment or until their successor is appointed to serve for the term of three years.
- d. Vacancies occurring in the Commission, other than expiration of term of office, shall be only for the unexpired portion of the term of the member replaced.
- e. Members may serve for more than one term and each member shall serve until the appointment of a successor.
- f. Vacancies shall be filled by the City according to the original selection as aforesaid.



- g. Members shall serve without compensation.
- h. A simple majority of the commission shall constitute a quorum for the transaction of business.
- i. The Commission shall elect a Chairman who shall preside over all Commission meetings and elect a Secretary who shall be responsible for maintaining written records of the commission's proceedings.
- j. The Commission shall meet at least three (3) times a year

#### Section 4: Powers of the Commission

- a. The Commission may conduct studies for the identification and designation of historic districts and landmarks meeting the definitions established by this ordinance. The commission may proceed at its own initiative or upon a petition from any person, group, or association. The Commission shall maintain records of all studies and inventories for public use.
- b. The Commission may make a recommendation to the State Historic Preservation Office for the listing of a historic district or landmark in the National Register of Historic Places and may conduct a public hearing thereon.
- c. The Commission may investigate and recommend to the City Council the adoption of ordinances designating historic landmarks and historic districts if they qualify as defined herein; and
- d. Provide information for the purpose of historic preservation to the governing body.
- e. Promote and conduct an educational and interpretive program on historic properties within its jurisdiction.
- f. Other Powers. In addition to those duties and powers specified above, the Commission may, with City Council approval:
  - 1. Accept unconditional gifts and donations of real and personal property, including money, for the purpose of historic preservation.
  - 2. Acquire by purchase, bequest, or donation, fee and lesser interests in historic properties, including properties adjacent to or associated with historic properties.
  - 3. Preserve, restore, maintain and operate historic properties, under the ownership or control of the Commission.
  - 4. Lease, sell, and otherwise transfer or dispose of historic properties subject to rights of public access and other covenants and in a manner that will preserve the property.
  - 5. Contract, with the approval of the governing body, with the state or the federal government or other organizations.

6. Cooperate with the federal, state and local governments in the pursuance of the objectives of historic preservation.

#### Section 5: Severability

Should any section or provision of this ordinance be decided by a court of this state to be unconstitutional or invalid, such decision shall not affect the validity of the ordinance as a whole or any part thereof other than the part so decided to be unconstitutional or invalid.

#### Section 6: Amendatory Provisions

The City may amend this ordinance to meet any unforeseen circumstances which may affect the duties and responsibilities of the Commission.

#### Section 7: Effective Date

This ordinance shall take effect immediately upon passage and publication as required by law.

Passed, adopted and approved this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

City of West Branch, Iowa.

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Mayor Roger Laughlin

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City Clerk Matt Muckler

# NRG SALES

## PARTIAL LIST OF PHILIPS LUMEC PROJECTS

The following are cities and municipalities that have streetscape projects and other projects.

Altoona	Ames
Arnolds Park	Auburn
Bettendorf	Cedar Falls
Cedar Rapids	Cedar Rapids Czech Village
Clinton	Clive
Conrad	Coralville
Davenport	Dyersville
Dubuque	East Moline
Ely	Fairfield
Ft. Dodge	Grundy Center
Indianola	Iowa City
Kalona	LaPorte City
LeClaire	Lime Springs
Lisbon	Manchester
Monticello	Moline, IL
Moravia	Mount Pleasant
Nevada	North Liberty
Oelwein	Parkersburg
Perry	Shellsburg
Shenandoah	Spencer
Springville	Urbandale
Waterloo	Webster City

## LUMEC PROJECTS BY JOB NAME (Partial list)

Ahman Design CR	Amana Holiday Inn
America Discovery Trail DSM	Bass Street Moline
Berkshire Clive	Black Hawk Bike Trail WAT
Boston Parkway DSM	Brookshire Townhouses DSM
Beuna Vista College Storm Lake	Cascade Trail Cascade
Coe College CR	Clarke College DUB
Coralridge Mall IC	Covenant Hospital WAT
Culvers Greenhouse CR	CRST CR
Davenport Police Station	Grand Ave Bridge DSM
DMACC various	Dubuque Greyhound Park
Earlham Savings Bank	First United Meth. DSM
Gray's Lake DSM	Geneva Towers CR
Great American Bldg CR	Green Hill Mall WAT
Hawthorne St. Waterworks DUB	HyVee
Ice Harbor Rd DSM	Iowa Machine Shed DSM
Iowa River Dam IC	Iowa River Landing IC
Israel Family Hosp. DSM	John Deere various
LaFayette Park WAT	Living History Farms
Loras College DUB	Marriott Coralville
Mississippi River Walk DUB	Moline Riverwalk
Meridith Trail DSM	Mt. Vernon Schools
Monmouth College	Osceola Casino
President Casino	Raccoon River Park DSM
Southslope N. Liberty	Thunder Bay Grill DAV
University of Northern Iowa	YMCA CR
Young Arena WAT	

\*\*\*CR=Cedar Rapids, DSM=Des Moines, DUB=Dubuque  
DAV=Davenport, IC= Iowa City, WAT=Waterloo



# SERENADE

## SERIES

Product Overview and Technical information >>



>>  
LUMINAIRE > S55C2-FN10  
POLE > RTA40



S50

S23B-CB-FN6

S23C1-FN1

S50C2

# SERENADE SERIES

**Grace in all simplicity /** The Serenade Series is a beautiful staple of elegance and subtlety with a mighty and brilliant heart. It can be used to accentuate any environment no matter how harsh the prevailing conditions might be. The Serenade is a straightforward, no-nonsense luminaire, designed for performance and reliability.











>>  
LUMINAIRE > S55C2-FN10  
BRACKET > CRD-1A  
POLE > RTA40

## PRESENCE

**Inspired by early 20<sup>th</sup> century styling, the Serenade Series displays its originality with a pleasant blend of features that merge sturdy construction, aesthetics, and efficiency.** The Serenade Series are undeniable in their presence and benefit from the most recent innovations in the field of exterior lighting. The subtle union between harmonious design and stable, powerful photometric output, characterize best the original styling of this elegant series.

## RELIABILITY

**The simple, historically inspired acorn shape encompasses an IP66 memory retentive silicon gasket waterproof optical system that keeps the optics free of contaminants, ensuring top-level performance for years to come.** The toolfree access to the lamp and electrical components make maintenance simple and fast, and the die cast aluminum construction with our Lumital™ finish assure that the luminaire remains beautiful for years to come.



# BENEFITS

- Integrated hinge allows the globe to be held open in a perpendicular position for easy access for electrical component in total security.
- Smartseal™ optical systems (IP66) virtually eliminate Luminaire Dirt Depreciation (LDD).
- Injection die cast aluminum housing with integrated ballast tray and adjustable, independently operated, photoelectric cell (PH8).
- Toolfree access to lamp and electrical components for ease of maintenance.
- Available with metal halide (MH), high pressure sodium (HPS) and induction lamps (QL), lamp sources.

# LUMINAIRES

Conform to the **UL 1598** and **CSA C22.2 No. 250.0-08** standards



## S23

EPA: 2.07 sq. ft.  
Weight: 24 lbs (10.8 kg)



## S23B-CB

EPA: 2.28 sq. ft.  
Weight: 30 lbs (13.6 kg)



## S23C1

EPA: 2.42 sq. ft.  
Weight: 31 lbs (14 kg)



## S23C2-CUC

EPA: 2.42 sq. ft.  
Weight: 40 lbs (18.1 kg)



## S29

EPA: 1.76 sq. ft.  
Weight: 24 lbs (10.8 kg)



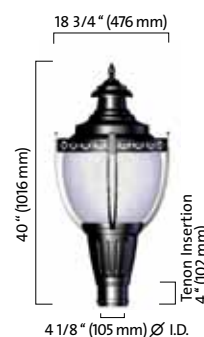
## S50-FNC

EPA: 2.19 sq. ft.  
Weight: 27 lbs (12.2 kg)



## S50C1-BSTC-BSC

EPA: 3.29 sq. ft.  
Weight: 31 lbs (14 kg)



## S50C2

EPA: 3.29 sq. ft.  
Weight: 31 lbs (14 kg)



## S51-CPTC

EPA: 2.77 sq. ft.  
Weight: 26 lbs (11.8 kg)

➤ These globes are available with the following finish

PCFC	Frosted clear polycarbonate
PCFO	Frosted opal polycarbonate
ACFC	Frosted clear acrylic

# LAMPS / HID

# OPTICAL SYSTEMS / HID

(Lamps not included)

WATTAGE	RR3 / RR3MD / RR5		SE3 / SE5		RACE3 / RACE3D / RACE5	
LUMINAIRE	S23 / S23C1 / S23C2 S50 / S50C1 / S50C2	S29 / S51	S50 / S50C1 / S50C2	S51	S50 / S50C1 / S50C2	S51
50 MH, medium	✓	✓	✓	✓	✓	✓
70 MH, medium	✓	✓	✓	✓	✓	✓
100 MH, medium	✓	✓	✓	✓	✓	✓
150 MH, medium	✓	✓	✓	✓	✓	✓
200 MH, mogul	✓	N/A	✓	N/A	✓	✓
250 MH, mogul	✓	N/A	✓	N/A	✓	✓
250 PSMH, mogul	✓	N/A	✓	N/A	✓	N/A
35 HPS, mogul	✓	✓	✓	✓	✓	✓
50 HPS, mogul	✓	✓	✓	✓	✓	✓
70 HPS, mogul	✓	✓	✓	✓	✓	✓
100 HPS, mogul	✓	✓	✓	✓	✓	✓
150 HPS, mogul	✓	✓	✓	✓	✓	✓
200 HPS, mogul	N/A	N/A	✓	✓	✓	N/A
250 HPS, mogul	N/A	N/A	✓	✓	✓	N/A

✓ : Available    N/A : Not available



## RR Optics (ALL)

Round borosilicate refractor  
Luminous center: 23 3/8 (584 mm)

**RR5:** Symmetrical  
**RR3:** Asymmetrical  
**RR3MD:** Asymmetrical



## SE Optics (S50/S50C1/S50C2/S51)

Hydro-formed cut-off reflector system set in faceted arc-image duplicating patterns.  
Luminous center: 24 7/8 (584 mm)

**SE5:** Symmetrical  
**SE3:** Asymmetrical

> House shield available in option (HS)



## RACE Optics (S50/S50C1/S50C2/S51)

Round acrylic (max. 100w) or borosilicate (150w and more) refractor with segmented upright recovery dome.  
Luminous center: 27 1/2 (698 mm)

**RACE5:** Symmetrical  
**RACE3:** Asymmetrical  
**RACE3D:** Asymmetrical

\* Photometry available on Philips Lumec web site [www.lumec.com](http://www.lumec.com)

# VOLTAGE

120 / 208 / 240 / 277 / 347 / 480

> Multi-top ballast also available.

# LAMPS / QL

WATTAGE	SE5 <sup>1</sup>	LMP <sup>2</sup>
55 QL	✓	✓
85 QL	✓	✓

✓ : Available

SE5<sup>1</sup>: S50 / S50C1 / S50C2 / S51

LMP<sup>2</sup>: S23 / S23B / S23BC1 / S23BC2 / S29  
(LMP: Lamp without optical system)

High frequency generator for induction lamp (4000K).

Instant start. Operating range 50-60 Hz or DC.

Lamp minimum starting temperature -40F (-40 °C).

(Lamps included)

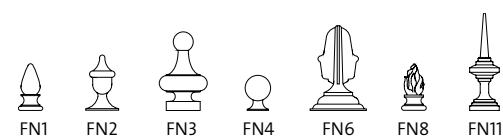
# VOLTAGE

120 / 208 / 240 / 277

# LUMINAIRE OPTIONS

<b>BC</b>	Block connector (all)	<b>CU</b>	Copper decorative bands, located on the arms of the gird (S23C1/S50C2/S50C1/S50C2)
<b>TN3</b>	Adaptor to fit over a 3" (76 mm) O.D. by 4" (102 mm) long tenon (all)	<b>CUC</b>	Copper decorative band, protected by a polyester clear coat (S23C1/S50C2/S50C1/S50C2)
<b>TN3.5</b>	Adaptor to fit over a 3 1/2" (89 mm) O.D. by 4" (102 mm) long tenon (all)	<b>CPT</b>	Copper cupola (S50/S50C1/S50C2/S51)
<b>FNC</b>	Copper-colored painted finial (all)	<b>CPTC</b>	Copper cupola, protected by a polyester clear coat (S50/S50C1/S50C2/S51)
<b>FS</b>	Fusing (consult factory) (all)	<b>HS</b>	House shield, for SE optic only (S50/S50C1/S50C2/S51)
<b>PH8</b>	photoelectric cell (all)	<b>BST</b>	Brass decorative cupola (S50/S50C1/S50C2/S51)
<b>CB</b>	Painted decorative band, color to be specified (see standard Philips Lumec Color Chart) (S23B)	<b>BSTC</b>	Brass decorative cupola, protected by a polyester clear coat (S50/S50C1/S50C2/S51)
<b>BS</b>	Brass decorative band (S23C1/S50C2/S50C1/S50C2)		
<b>BSC</b>	Brass decorative band, protected by a polyester clear coat (S23C1/S50C2/S50C1/S50C2)		

# FINIALS



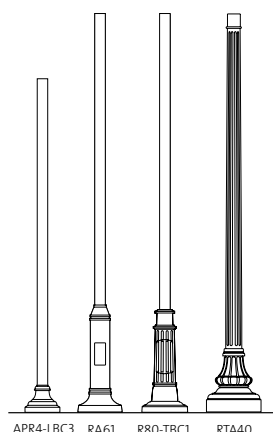
# MOUNTINGS

(Consult the Pole Guide for details and the complete line of mountings)



# POLES AND POLE OPTIONS

(Consult the Pole Guide for details and the complete line of poles)



# FINISHES

(Consult Philips Lumec's Color Chart for complete specifications)

The specially formulated **Lumital** powder coat finish is available in a range of many standard colors.

# ORDERING SAMPLE

LUMINAIRE	LAMP	OPTICAL SYSTEM	VOLTAGE	OPTIONS	MOUNTING & CONFIGURATION	POLE	FINISH
S50-PCFC	100 HPS	RR5	120	FS	CRA-1A	R890A-15	BKTX

# MAINTENANCE



## ACCESS TO INTERNAL COMPONENT

The luminaire's hood can be opened by simply opening the latch located on the technical ring. The hood can then be pivoted along a hinge incorporated in the technical ring. A built-in stopper holds the cover at 90° from the technical ring.



## ACCESS TO LAMP

A simple quarter-turn of the **Smartseal®** shutter provides easy access to the lamp. Quick-disconnect terminals between the lamp and the ballast tray ensure safe and easy lamp replacement.



## ACCESS TO BALLAST

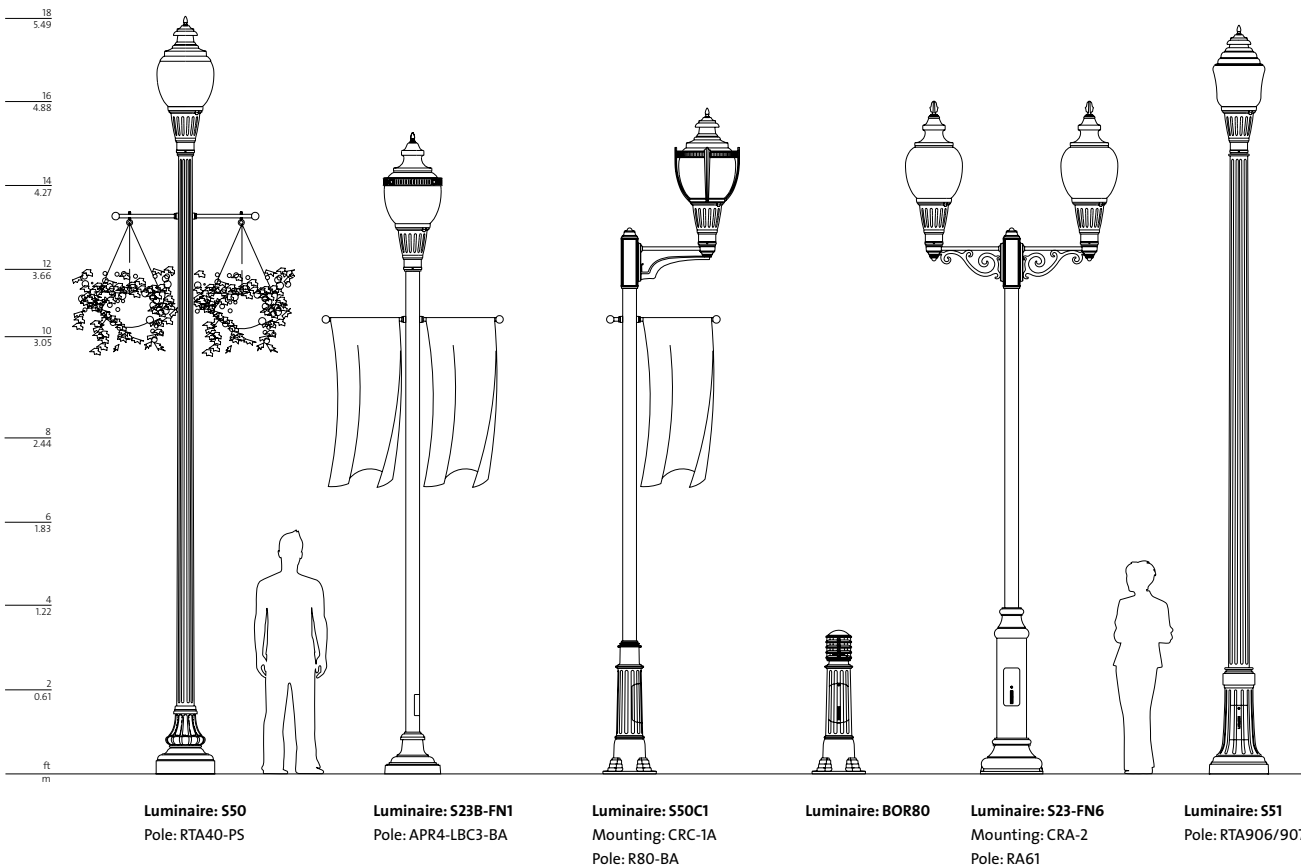
The tool-free drop-in unitized ballast tray is slipped into the post top box which rests on the optical support plate. Here again, the use of quick-disconnect terminals ensures safe and easy ballast maintenance.



## ACCESS TO PH8

Once the ballast tray is removed, toolfree access to the photoelectric cell (PH8) is then possible. Orienting the cell is also an easy step to achieve by simply turning the luminaire's technical ring in the desired position.

# ASSEMBLY EXAMPLES





>>

LUMINAIRE > S55C2-FN10  
BRACKET > CRD-2  
POLE > RTA40



**www.lumec.com**

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**F :** 450.430.1453

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Canada L3P 1W4

**T :** 416.223.7255

**F :** 866.971.2825

**MEXICO OFFICE**

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Col. Anenor Sales (Narvarte)  
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/ Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)



The choice to not print paper brochures anymore but to make them available on-line is an example of the positive environmental actions that Philips Lumec has decided to undertake. This not only considerably reduces our paper consumption but also guarantees the exactitude of the information our clients receive.



# Reliable efficiency, designed for performance

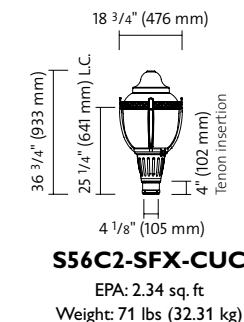
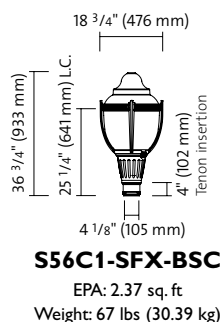
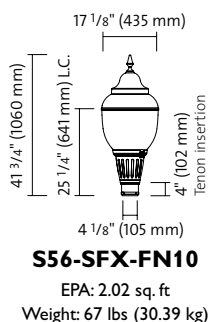
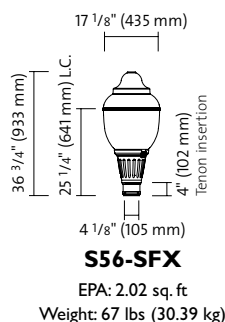
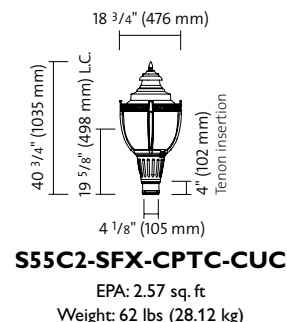
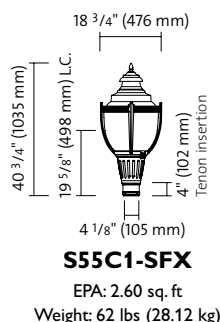
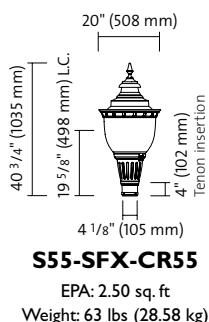
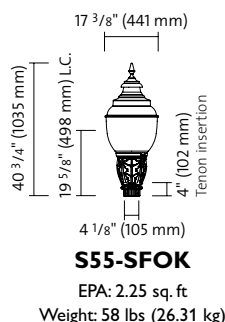
## SERENADE DSX URBAN LUMINAIRE



### PHILIPS LUMEC SERENADE SERIES URBAN LUMINAIRE

Philips Lumec's Serenade Series is a beautiful staple of elegance and subtlety with a mighty and brilliant heart. It can be used to accentuate any environment no matter how harsh the prevailing conditions might be. The Serenade is a straightforward, no-nonsense luminaire, designed for performance and reliability.

Project:		
Equipment:		
Catalog Number:		
Type of Luminaire:		
Metric:	Lamps:	Qty:
Notes:		



### Benefits

- Glass globe with no exterior prism.
- Cut-off optical system having as low as 1% uplight with DSX optics.
- Superior efficiency & lighting uniformity, available with metal halide (MH) and high-pressure sodium (HPS) lamp sources as well as induction lamps (QL) and LED.
- Toolfree access & IP66 sealed optical chamber.



## Lamps / LED

LED = Philips Lumileds Luxeon R, CRI = 70, CCT = 4000K (+/- 350K)

System (LED + driver) Rated life = 100,000 hrs<sup>1</sup>

LED light engine technical information for S55, S56, S55C1, S56C1, S55C2, S56C2

Lamp	Typical delivered lumens	Typical system wattage <sup>2</sup> (w)	Typical current @ 120V (A)	Typical current @ 208V (A)	Typical current @ 240V (A)	Typical current @ 277V (A)	LED current (mA)	HID equivalent <sup>3</sup>	Luminaire efficacy rating (lm/W)	BUG rating
35W32LED4K-R-LE2	3468	36	0.29	0.17	0.16	0.15	350	70-100	96.3	B1-U2-G1
35W32LED4K-R-LE3	3439	36	0.29	0.17	0.16	0.15	350	70-100	95.5	B1-U2-G2
35W32LED4K-R-LE4	3520	36	0.29	0.17	0.16	0.15	350	70-100	97.8	B1-U2-G1
35W32LED4K-R-LE5	3694	36	0.29	0.17	0.16	0.15	350	70-100	102.6	B3-U2-G1
55W32LED4K-R-LE2	4916	53	0.40	0.23	0.21	0.19	530	100-150	92.8	B1-U3-G1
55W32LED4K-R-LE3	4880	53	0.40	0.23	0.21	0.19	530	100-150	92.1	B1-U3-G2
55W32LED4K-R-LE4	4984	53	0.40	0.23	0.21	0.19	530	100-150	94.0	B1-U3-G2
55W32LED4K-R-LE5	5232	53	0.40	0.23	0.21	0.19	530	100-150	98.7	B3-U3-G1
55W48LED4K-R-LE2	5105	55	0.38	0.22	0.23	0.21	350	100-150	92.8	B2-U3-G2
55W48LED4K-R-LE3	5064	55	0.38	0.22	0.23	0.21	350	100-150	92.1	B2-U3-G2
55W48LED4K-R-LE4	5172	55	0.38	0.22	0.23	0.21	350	100-150	94.0	B1-U3-G2
55W48LED4K-R-LE5	5429	55	0.38	0.22	0.23	0.21	350	100-150	98.7	B3-U3-G1
80W48LED4K-R-LE2	7192	79	0.63	0.36	0.34	0.31	530	150-175	91.0	B2-U3-G2
80W48LED4K-R-LE3	7132	79	0.63	0.36	0.34	0.31	530	150-175	90.3	B2-U3-G2
80W48LED4K-R-LE4	7287	79	0.63	0.36	0.34	0.31	530	150-175	92.2	B2-U3-G2
80W48LED4K-R-LE5	7649	79	0.63	0.36	0.34	0.31	530	150-175	96.8	B3-U3-G2

## Optical System / LED



### Prismatic globe

IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with globe having an inner prismatic surface permanently sealed onto the lower part of the heat sink.

**LE2:** Asymmetrical  
**LE3:** Asymmetrical  
**LE4:** Asymmetrical  
**LE5:** Symmetrical (square)

> LE2/LE3/LE4/LE5 available in acrylic and borosilicate.  
> House shield available in option (HS)



### Prismatic globe

IP66 rated optical system, composed of individual pre-oriented lens to achieve desired distribution, assembled with globe having an inner prismatic surface permanently sealed onto the lower part of the heat sink.

**LEH2:** Asymmetrical : Extensive  
**LEH3:** Asymmetrical : Extensive

> LEH2/LEH3 available in acrylic and borosilicate.  
> House shield available in option (HS)

## Voltage

120 / 208 / 240 / 277 / 347 / 480

## Optical System / QL

(Lamps included)



### DSX Optics

Optical system made of a hydroformed reflector sealed on a prismatic globe.

**DSX5:** Symmetrical : Cutoff

> House shield available in option (HS)

## Lamps / QL

Wattage	DSX5
55 QL	✓
85 QL	✓

✓ : Available

High frequency generator for induction lamp (4000K).  
Instant start. Operating range 50-60 Hz or DC.  
Lamp minimum starting temperature -40F (-40 °C).

## Voltage

120 / 208 / 240 / 277

<sup>1</sup> L70 = 100,000 hrs (at ambient temperature = 25°C and forward current = 700 mA)  
<sup>2</sup> System wattage includes the lamp and the LED driver.

<sup>3</sup> Equivalence should always be confirmed by a photometric layout.

\* Photometry available on Philips Lumec's web site [www.philips.com/lumec](http://www.philips.com/lumec).

Note: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of Philips.

# SERENADE DSX URBAN LUMINAIRE

## Lamps / HID

Wattage	GL				ACDR			
	DSX3	DSX5	DSH3	DSH5	DSX3	DSX5	DSH3	DSH5
50 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
70 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
100 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
150 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
175 MH, mogul	✓	✓	✓	✓	✓	✓	✓	✓
200 MH, mogul	✓	✓	✓	✓	N/A	N/A	N/A	N/A
250 MH, mogul	✓	✓	✓	✓	N/A	N/A	N/A	N/A
35 HPS, medium	✓	✓	✓	✓	✓	✓	✓	✓
50 HPS, mogul	✓	✓	✓	✓	✓	✓	✓	✓
70 HPS, mogul	✓	✓	✓	✓	✓	✓	✓	✓
100 HPS, mogul	✓	✓	✓	✓	✓	✓	✓	✓
150 HPS, mogul	✓	✓	✓	✓	✓	✓	✓	✓
200 HPS, mogul	✓	✓	✓	✓	N/A	N/A	N/A	N/A
250 HPS, mogul	✓	✓	✓	✓	N/A	N/A	N/A	N/A

✓ : Available    N/A : Not available

## CosmoPolis™ / new generation of ceramic metal halide lamp

Wattage	GL				ACDR			
	DSX3	DSX5	DSH3	DSH5	DSX3	DSX5	DSH3	DSH5
50 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
70 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
100 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓

✓ : Available

## Master Color Elite

Wattage	GL				ACDR			
	DSX3	DSX5	DSH3	DSH5	DSX3	DSX5	DSH3	DSH5
50 MH, medium	✓	✓	✓	✓	✓	✓	✓	✓
70 MH, medium	✓	✓	✓	✓	N/A	N/A	N/A	N/A

✓ : Available    N/A : Not available

## Optical System / HID

(Lamps not included)



### DSX Optics

Optical system made of a hydroformed reflector sealed on a prismatic globe.

**DSX3:** Asymmetrical / Cutoff

**DSX5:** Symmetrical / Cutoff

> House shield available in option (HS)



### DSH Optics

Optical system made of a hydroformed reflector sealed on a prismatic globe.

**DSH3:** Asymmetrical / Extensive Non-Cutoff

**DSH5:** Symmetrical / Extensive Non-Cutoff

> House shield available in option (HS)

\* Photometry available on Philips Lumec web site [www.philips.com/lumec](http://www.philips.com/lumec).

## Voltage

**HID<sup>1</sup>:** 120 / 208 / 240 / 277 / 347 / 480

**CosmoPolis™:** 120 / 208 / 240 / 277

**Master Color Elite:** 208 / 240 / 277

<sup>1</sup> Multi-top ballast also available.

## Luminaire Options

- HS** House shield
- BC** Block connector
- TN3** Adaptor to fit over a 3" (76 mm) O.D. by 4" (102 mm) long tenon
- TN3.5** Adaptor to fit over a 3 1/2" (89 mm) O.D. by 4" (102 mm) long tenon
- FNC** Copper-colored painted finial
- FS** Fusing (consult factory)
- PH8** Photoelectric cell

### S55C1/S55C2/S56C1/S56C2

- BS** Brass decorative band
- BSC** Brass decorative band, protected by a polyester clear coat
- CU** Copper decorative bands, located on the ring guard
- CUC** Copper decorative band, protected by a polyester clear coat

### S55/S55C1/S55C2

- CPT** Copper cupola
- CPTC** Copper cupola, protected by a polyester clear coat
- BST** Brass decorative cupola
- BSTC** Brass decorative cupola, protected by a polyester clear coat

### S55

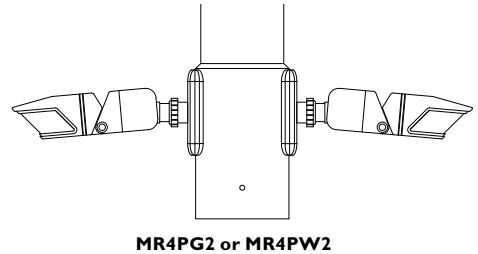
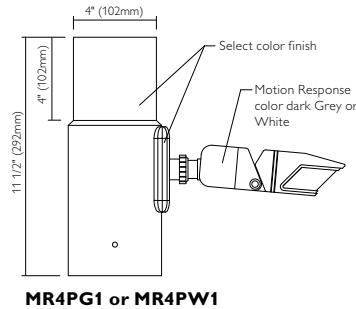
- CR55** Decorative crown

# SERENADE DSX URBAN LUMINAIRE

## Luminaire Options (continued)

### Motion Response:

Tenon mount motion response provides 270° coverage on an adjustable knuckle. The coverage equals to up to 6 times the sensor height. It is an option offered jointly with the Dynadimmer OVR option, that can bring the light up to 100% when the motion response is triggered. It is available in a single or double mounting option. Finish options for the motion response device are white or dark gray. Finish options for the tenon must be specified to match the luminaire and pole. The tenon mount is fully rotatable 360°. This option is available for a 4" OD x 4" long tenon. See instruction sheet for time setting functionality (12 second to 16 minute turn off options) and for mounting instructions.



### Mountings:

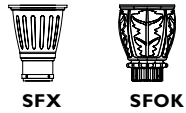
(Consult the Pole Guide for details and the complete line of mountings)



### Finials:

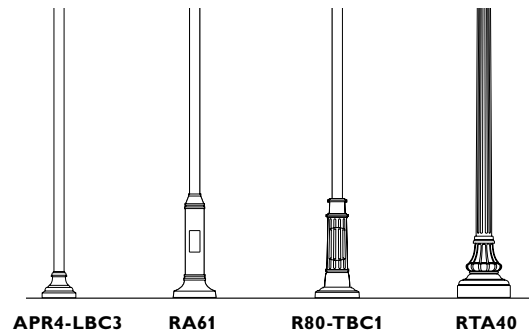


### Adaptors



### Poles and Pole options

(Consult the Pole Guide for details and the complete line of poles)



### Finishes

(Consult Philips Lumec's Color Chart for complete specifications)

The specially formulated Lumital powder coat finish is available in a range of many standard colors.

## Luminaire ordering sample

Luminaire	Lamp	Globe/Lens	Optical system	Voltage	Adaptor	Options	Mounting & Configuration	Pole	Finish
S55	90W49LED4K	GL	LE3	120	SFOK	FN10	CRA-1A	RTA40	BKTX

## Ordering Guide (Accessories) - Motion Response\*

Must be ordered as a separate line item

example: ACC-120-MR4PGI-BKTX

#### Accessory

ACC

#### Voltage

120: 120V  
277: 277V

#### Motion Response Module\*

MR4PG1: Single Grey  
MR4PG2: Double Grey  
MR4PW1: Single White  
MR4PW2: Double White

#### Finish

(Consult Philips Lumec's Color Chart for complete specifications)

\*OVR option is required for Motion Response Accessory

# SERENADE DSX URBAN LUMINAIRE

## Maintenance



### 1. Access to internal component

The luminaire's hood can be opened by simply opening the latch located on the technical ring. The hood can then be pivoted along a hinge incorporated in the technical ring. For ease of maintenance, a retaining mechanism holds the globe at a 90° angle from the technical ring.



### 2. Access to lamp

A simple quarter-turn of the sealed optic shutter provides easy access to the lamp. Quick-disconnect terminals between the lamp and the ballast tray ensure safe and easy lamp replacement.



### 3. Access to ballast

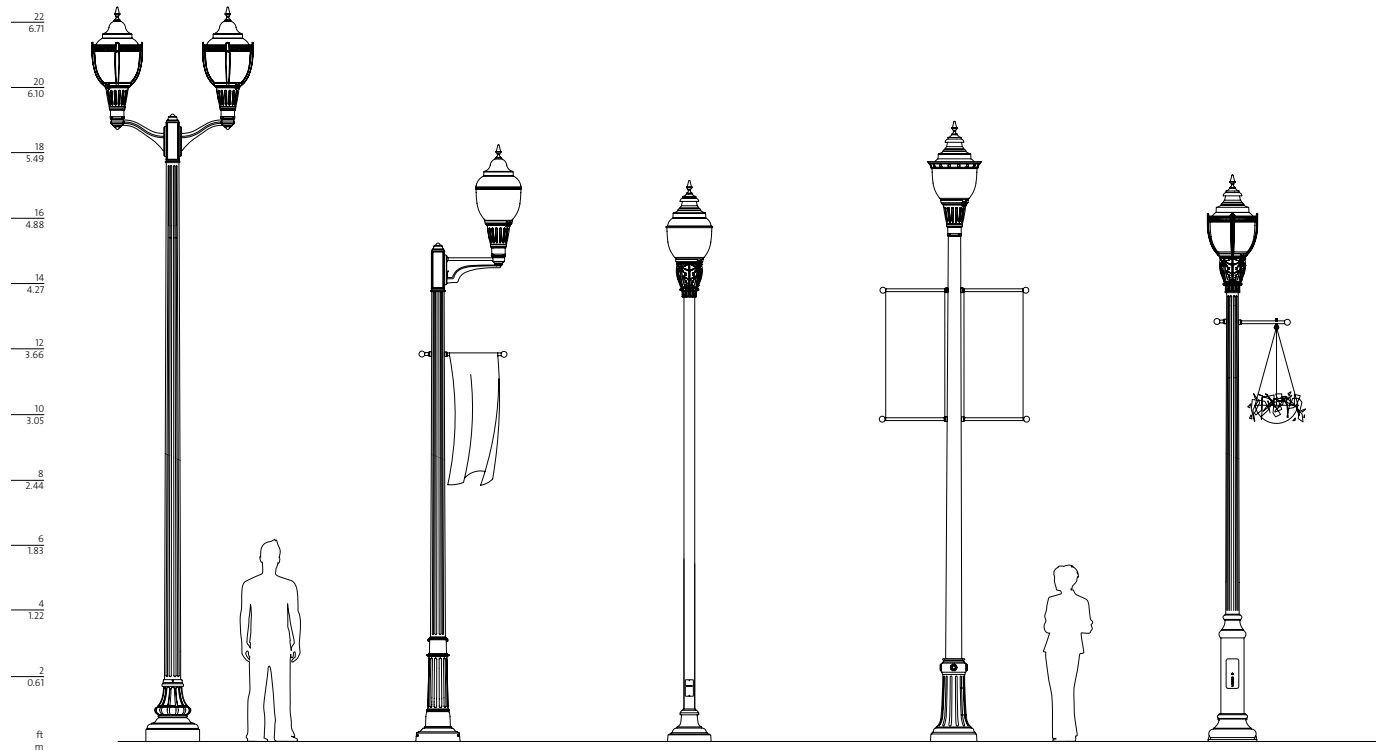
The toolfree drop-in unitized ballast tray is slipped into the post top box which rests on the optical support plate. Here again, the use of quick-disconnect terminals ensures safe and easy ballast maintenance.



### 4. Access to PH8

Once the ballast tray is removed, tool-free access to the photoelectric cell (PH8) is then possible. Orienting the cell is also an easy step to achieve by simply turning the luminaire's technical ring in the desired position.

## Assembly examples



Luminaire:  
**S56C2-SFX-FN10**  
Mounting: **CRF-2**  
Pole: **RTA50**

Luminaire:  
**S56-SFX-FN10**  
Mounting: **CRC-1A**  
Pole: **RTA800BA**

Luminaire:  
**S55-SFOK-FN10**  
Pole: **APR4-LBC3**

Luminaire:  
**S55-SFX-CR55-FN10**  
Pole: **RTA126-BA**

Luminaire:  
**S55C1-SFOK-FN10**  
Pole: **RTA61-PS**



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Serenade\_DSX\_Dual\_Spec 07/14 page 5 of 5

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