



WEAVER CONSTRUCTION MANAGEMENT, INC.  
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## SUBMITTAL TRANSMITTAL

December 15, 2011  
Submittal #: 16521-001

PROJECT: Harold Thompson Regional WRF  
 Birdsall Rd.  
 Fountain, CO 80817  
 Job No. 2908

ENGINEER: GMS, Inc.  
 611 No. Weber St., #300  
 Colorado Springs, CO 80903  
 719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan  
 Sewage Disposal District  
 901 S. Santa Fe Ave.  
 Fountain, CO 80817  
 719-382-5303 James Heckman

CONTRACTOR: McDade Woodcock, Inc.  
 7222 Commerce Center Drive, #245  
 Colorado Springs, CO 80909  
 719-264-1236

SUBJECT: Exterior Lighting for Headworks & Secondary Clarifier - Type C & D

SPEC SECTION: 16521 - Exterior Lighting

PREVIOUS SUBMISSION DATES: none

DEVIATIONS FROM SPEC: \_\_\_ YES x NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

Contractor's Stamp:

Engineer's Stamp:

Date: 12/15/11  
 Reviewed by: H.C. Myers  
 (X) Reviewed Without Comments  
 ( ) Reviewed With Comments

ENGINEER'S  
 COMMENTS:



McDADE-WOODCOCK, INC.

**HAROLD D. THOMPSON RWRF**  
**HEADWORKS &**  
**SECONDARY CLARIFIER**

**McDADE-WOODCOCK INC.**  
**PROJECT NUMBER - 1402**

**ELECTRICAL SUBMITTAL**

**LIGHTING**  
**(INTERIOR & EXTERIOR)**

**16511-001**

**16521-001**

**CORPORATE**

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16511-001

16521-001

# LAREDO SERIES

LMC SERIES **NEW** LED SYSTEM

Cat.#	LMC 70S8 1 LP	Approvals
Job	HDT RWRF	Type
		C



### SPECIFICATIONS

#### Intended Use:

Full cutoff perimeter or entry lighting for 10-15ft mounting heights that require high light output and maximum energy efficiency. Laredo LMC LED provides low installation costs with little or no maintenance and great energy savings. Ideal for schools, factories, hospitals, warehouses and retail applications.

#### Construction:

Decorative die cast aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for long life. 70% lumen maintenance at 50,000 hours minimum. 800 series powder paint finishes provide lasting appearance in outdoor environments. Five standard finishes include: Bronze, Black, Gray, White and Platinum. Multiple options customize including a tool-free latch, which allows re-lamping of HID units from the ground, photocontrol for energy savings, integral ballast back-up battery for fluorescent units, fusing, quartz standby and EM sockets for remote power, lamps and five standard finishes.

#### Optics:

LED: 18 High Power LEDs deliver 2039 lumens and combination of optical lenses and reflectors deliver light in a rectangular pattern with better than 3 to 1 max to min uniformity. 5000K/70 CRI LEDs provide excellent color rendition at 46 lumens per watt.

HID/CFL: Vertical lamp position (lamp is optional on HID and CFL units) provides maximum HID performance and life. Standard, removable front shield on single lamp units, reduces forward beam projection while maintaining lateral throw, if desired.

#### Distribution:

Full cutoff distribution - flat glass and optics provide wide spread with an environmentally friendly light control. IMA compliant.

#### Electrical:

Wide selection of wattage and sources including LED, pulse start electronic metal halide and fluorescent systems (see below).

**LED Amp Draw:** 0.4 AMPS max

Optional battery for emergency egress - 120V or 277V - provides 90 minutes/615 lumens

#### Installation:

Three 1/2" conduit hubs (top and sides), allow feed-thru surface wiring capability on HID and CFL units. Foam gasket for sealing to smooth surfaces with two or three key slot configuration. Mounting template included.

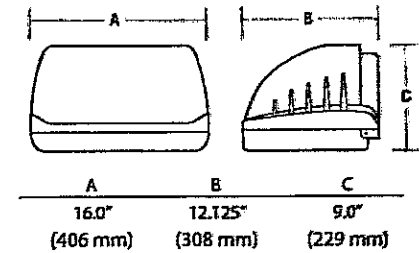
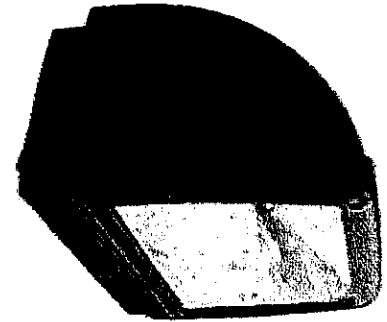
LED units, designed with quick mount system to provide rigid mounting over recessed junction boxes - fixture does not require opening for mounting.

#### Listings:

Listed and labeled to UL 1598 for wet locations, 25° C ambient environments. U.S. Patent No. D563,587

#### Limited Warranty:

One year HID & CFL, 5 years LED



A	B	C
16.0"	12.125"	9.0"
(406 mm)	(308 mm)	(229 mm)



## ORDERING INFORMATION

ORDERING EXAMPLE: LMC-150P 8-1-TL

LMC	70S 8	1	LP
Series	Wattage/Source/Voltage	Finish	Options
<b>SERIES</b>	<b>WATTAGE/SOURCE/VOLTAGE</b>	<b>FINISH</b>	<b>OPTIONS</b>
LMC Laredo Medium Cutoff	<b>LED*</b>	1 Bronze	PC(X)
	<b>ELECTRONIC METAL HALIDE</b>	2 Black	Button Photocontrol replace X with voltage, specify 1-120V, 2-208V, 3-240V, 4-277V
	<b>PULSE START METAL HALIDE</b>	3 Gray	TL <sup>1</sup>
	<b>100E<sup>2</sup> 8 100w Quad-Tap*</b>	4 White	Touch Latch, Tool-free Entry
	<b>50P 8 50w 120/277V Dual Volt</b>	5 Platinum	LP <sup>2</sup>
	<b>70P 8 70w Quad-Tap*</b>		Lamp Included
	<b>120, 208, 240, 277V</b>		F(X) <sup>3</sup>
	<b>70P 6 70w Tri-Tap<sup>4</sup> 120, 277, 347V</b>		Fusing replace X with voltage, 1-120V, 2-208V, 3-240V, 4-277V
	<b>100P 8 100w Quad-Tap*</b>		QST <sup>5,6</sup>
	<b>120, 208, 240, 277V</b>		Time Delay Quartz stand by system less lamp
	<b>100P 6 100w Tri-Tap<sup>4</sup> 120, 277, 347V</b>		EM <sup>7,8</sup>
	<b>100P 5 100w 480V</b>		DC Bayonet Socket (for remote power by others)
	<b>150P 8 150w Quad-Tap*</b>		EM12 <sup>7,8</sup>
	<b>120, 208, 240, 277V</b>		MR11/MR16 Two Pin Socket (for 12V power by others)
<b>*LED</b>	<b>150P 6 150w Tri-Tap<sup>4</sup> 120, 277, 347V</b>		2EM12 <sup>7,8</sup>
18 LEDs, 44.5watts, 2039 lumens out of fixture, 5000K color, 70 CRI	<b>150P 5 150w 480V</b>		Two MR11 or MR16 Two Pin Sockets (for 12V power by others)
			BBU-XXX <sup>4,8</sup>
			Emergency Battery Back-up, rated -4°F, 120 or 277V
			BOC-XXX <sup>4</sup>
			Emergency Battery Back-up, rated -0°C, 120 or 277V
			BOC-LED(X)
			LED Emergency Battery providing 615 lumens for egress on LMC18LU specify 1-120V or 4-277V

1 \*' in voltage selection indicates less ballast.  
 2 For 'Lamp Included' option on fluorescent: indicate desired wattage. 42F - LP42, LP32, LP26; 84F - LP84 (2x42w), LP64 (2x32w), LP52 (2x26w)  
 3 Lamps not included.  
 4 BBU option provides integral emergency battery back up and operates one fluorescent lamp at up to 1250 lumens for a minimum of 90 minutes. Operation is reliable between -4°F and +131°F. Maximum output is achieved when the lamp temperature is 77°F. Eliminates the need for remote ballasts or additional fixtures. On two lamp units (2x26w, 2x32w, 2x42w) battery powers one lamp to 1250 lumens.  
 5 Two lamp fluorescent units have two electronic ballasts. Field wiring can provide switching for 50% fixture output if desired.  
 6 50Hz/60Hz standard on electronic MH, Fluorescent or LED.  
 7 Not available LED on two lamp CFL versions.  
 8 Not available on LED units.

**ACCESSORIES** (order as separate part number)

<b>LMC-SPC</b>	Polycarbonate shield (.125 thickness)
<b>PBT-1</b>	120V button photocontrol
<b>PBT-234</b>	208/240/277V button photocontrol

**REPLACEMENT PART**

<b>7737101</b>	Polycarbonate Lens
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**PHOTOMETRICS**

Unit Description	IES File #
18 LED - Clear Lens	<b>LMC-18LU-SK.IES</b>
150w Pulse Start with Shield	<b>LMC-150P-CS.IES</b>
150w Pulse Start - Shield removed	<b>LMC-150P.IES</b>
100w Pulse Start with Shield*	<b>LMC-100P-CS.IES</b>
100w Pulse Start - Shield removed*	<b>LMC-100P.IES</b>
70w Pulse Start with Shield*	<b>LMC-70P-CS.IES</b>
70w Pulse Start - Shield removed*	<b>LMC-70P.IES</b>
150w HPS with Shield	<b>LMC-150S-CS.IES</b>
150w HPS - Shield removed	<b>LMC-150S.IES</b>
42w Fluorescent with Shield	<b>LMC-42F-CS.IES</b>
42w Fluorescent - Shield removed	<b>LMC-42F.IES</b>
2x42w Fluorescent - no Shield	<b>LMC-84F.IES</b>

\*Output for magnetic pulse start or electronic ballast.



# CIMARRON SERIES

Cat. # CR1-A-S25-H3P-F-Q-DB-L-W4		Approvals
Job <b>HDT RWRF</b>	Type <b>D</b>	

**SPAULDING LIGHTING**

**APPLICATIONS**

- Area and site lighting.

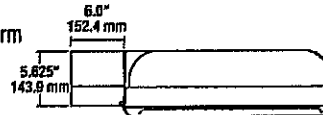
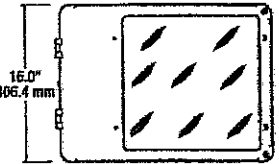
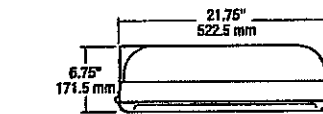
**FEATURES**

- Complements 'Southwest Series'
- IES Type II, III, V (square) and forward throw light distributions
- Flat lens design
- 100w to 400w lamps in HPS, and Pulse Start MH for design flexibility
- All distributions are field-rotatable
- Mounts on upswept, straight arms for poles or on wall bracket for a uniform project look
- 5 standard, 2 premium, and custom colors are available

**LISTINGS/CERTIFICATIONS**

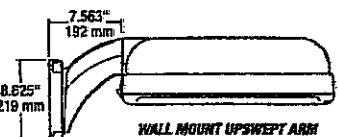
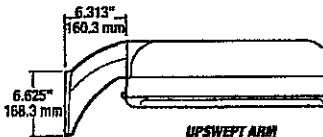
- UL 1598 listed and CSA certified for outdoor use in wet locations.
- U.S. Patent No. D556,935
- IDA fixture seal of approval.

For more detail, see PSG page



STRAIGHT ARM

WALL BRACKET STRAIGHT ARM



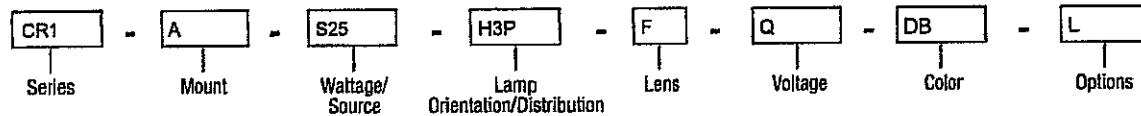
UPSWEPT ARM

WALL MOUNT UPSWEPT ARM

EPA = 1.2 ft<sup>2</sup> (single unit with arm)

**ORDERING INFORMATION**

ORDERING EXAMPLE: CR1-A-P40-H3P-F-Q-DB-L



**SERIES**

CR1 Cimarron

**MOUNT**

- A** Arm Mount Construction (6" straight rigid arm included & acceptable for 90° configurations)
- AD** Decorative Arm Mount Const. (6" decorative upswept arm incl. & acceptable for 90° configurations)
- WB** Wall Bracket Const. (includes Wall Bracket & 6" straight arm unless WBAD option is chosen which substitutes Decorative Upswept Arm)
- O** No Arm or Wall Bracket (only order without arm or wall bracket when they are ordered as accessory)

**WATTAGE/SOURCE**

PULSE START METAL HALIDE	
P10	100w (ED-17 Med base)
P12	125w (ED-17 Med base)
P15	150w (ED-28 Mog base)
P17	175w (ED-28 Mog base)
P20	200w (T-15 Mog base)
P25	250w (ED-28 Mog base)
P32	320w (ED-28 Mog base)
P35	350w (ED-28 Mog base)
P40	400w (ED-28 Mog base)
HIGH PRESSURE SODIUM	
S10	100w (ED-23 1/2 Mog base)
S15	150w (ED-23 1/2 Mog base)
S25	250w (ED-18 Mog base)
S40	400w (ED-18 Mog base)

**LAMP ORIENTATION/DISTRIBUTION**

- H2** Horizontal II – hydroformed
- H3** Horizontal III – hydroformed
- H3P** Horizontal III – Performance Series (Segmented)
- H4** Horizontal IV – multi-piece
- H4P** Horizontal IV – Performance Series (Segmented)
- H5** Horizontal V (square) – hydroformed
- H5P** Horizontal V – Performance Series (Segmented)

**LENS**

- F** Flat

**VOLTAGE**

- Q** Quad-Tap® - 120, 208, 240, 277V<sup>1</sup>
- V** Five-Tap - 120, 208, 240, 277, 480V<sup>1</sup>
- 5** 480V
- T** Tri-Tap® - 120, 277, 347V<sup>1</sup>
- E** 50 Hz 220/240V
- O** No Ballast

**COLOR**

- DB** Dark Bronze
- BL** Black
- WH** White
- GR** Gray
- PS** Platinum Silver
- RD** Red (premium color)
- FG** Forest Green (premium color)
- CC** Custom Color (consult factory)

<sup>1</sup> Factory wired for highest voltage unless otherwise specified.

**OPTIONS**

- WBAD** Substitutes Decorative Upswept Arm when WB wall bracket mounting is chosen
- RPA2** Round Pole Adapter (2 3/4"–3 1/4")
- RPA3** Round Pole Adapter (3 1/4"–3 3/4")
- RPA4** Round Pole Adapter (3 3/4"–4 1/2")
- RPA5** Round Pole Adapter (5")
- RPA6** Round Pole Adapter (6")
- F1** Fusing - 120V
- F2** Fusing - 208V
- F3** Fusing - 240V
- F4** Fusing - 277V
- F5** Fusing - 480V
- F6** Fusing - 347V
- P1** Photo Button - 120V
- P2** Photo Button - 208V
- P3** Photo Button - 240V
- P4** Photo Button - 277V
- P6** Photo Button - 347V
- PR1** Photo Cell Receptacle - 120V
- PR2** Photo Cell Receptacle - 208V
- PR3** Photo Cell Receptacle - 240V
- PR4** Photo Cell Receptacle - 277V
- PR5** Photo Cell Receptacle - 480V
- PR6** Photo Cell Receptacle - 347V
- QZ** Quartz RS with lamp
- HS** Internal House Side Shield (available for H2, H3 & H4 distributions)
- VG** Polycarbonate Vandal Guard
- L** Lamp

**SELECT UNITS ARE STOCKED FOR IMMEDIATE SHIPMENT.**

# ACCESSORIES

## CIMARRON ACCESSORIES

CATALOG #	DESCRIPTION
ARM-CR-6-S-XX <sup>1,2</sup>	6" Rigid Straight Arm
ARM-CRD-6-S-XX <sup>1,2</sup>	6 1/2" Rigid Upswept Arm
ARM-CR-K-TA-XX'	Tenon Arm (single) adjustable
ARM-CR-TX-TA-XX'	Tenon Arm (double 180°) adjustable
ARM-CR-K-S-XX <sup>1,2</sup>	Adjustable Arm
CR1-PVG	Polycarbonate Vandal Guard
CR1-HS-23	Internal House Side Shield (H2 & H3 distributions)
CR1-HS-4	Internal House Side Shield (H4 distribution)
CR-RPA2-XX'	Round Pole Adapter for Straight Arm (2 3/4" - 3 1/4")
CR-RPA3-XX'	Round Pole Adapter for Straight Arm (3 1/4" - 3 3/4")
CR-RPA4-XX'	Round Pole Adapter for Straight Arm (3 3/8" - 4 1/2")
CR-RPA5-XX'	Round Pole Adapter for Straight Arm (5")
CR-RPA6-XX'	Round Pole Adapter for Straight Arm (6")
CRD-RPA2-XX'	Round Pole Adapter for Upswept Arm (2 3/4" - 3 1/4")
CRD-RPA3-XX'	Round Pole Adapter for Upswept Arm (3 1/4" - 3 3/4")
CRD-RPA4-XX'	Round Pole Adapter for Upswept Arm (3 3/8" - 4 1/2")
CRD-RPA5-XX'	Round Pole Adapter for Upswept Arm (5")
CRD-RPA6-XX'	Round Pole Adapter for Upswept Arm (6")
WB-CR-XX'	Wall Bracket
TPLB-XX'	Twin Parallel Luminaire Bracket
CR1-EHS-XX'	External 3 Sided Glare Shield (not rotatable)

<sup>1</sup> Replace XX with color choice, eg.: DB for Dark Bronze  
<sup>2</sup> When ordering poles, specify Pole Drill Pattern #2

### TENON TOP POLE BRACKET ACCESSORIES (2 3/8" OD tenon) (RFS version requires 4" round pole adapter)

CATALOG #	DESCRIPTION
SETA-XX'	Square Pole Tenon Adapter (4 at 90 degrees)
RETA-XX'	Round Pole Tenon Adapter (4 at 90 degrees)
TETA-XX'	Hexagonal Pole Tenon Adapter (3 at 120 degrees)

<sup>1</sup> Replace XX with color choice, eg.: DB for Dark Bronze

### PHOTOCONTROL EQUIPMENT

CATALOG #	DESCRIPTION
PTL-1	Photocontrol - Twist-Lock Cell (120V)
PTL-8	Photocontrol - Twist-Lock Cell (120-277V)
PTL-5	Photocontrol - Twist-Lock Cell (480V)
PTL-6	Photocontrol - Twist-Lock Cell (347V)
PSC	Shorting Cap - Twist-Lock

### SPECIFICATIONS

**HOUSING** Architecturally styled, one piece die-cast aluminum housing with nominal .125" wall thickness. Low profile design reduces the overall wind loading while providing a sleek, unabrasive look which complements most building architectural styles.

**DOOR** Die-cast aluminum door hinges to housing and secures with two captive screws providing four points of contact ensuring a clean lens and optical assembly. Both the flat tempered glass and door are sealed with one-piece silicone gaskets.

**OPTICS** Multiple levels of photometric performance to be achieved via tiered optic offering ranging from fully segmented to hydroformed reflectors. All optical assemblies to field rotate in 90° increments. All distributions to be IES full cutoff classification. House side shielding available as either factory installed options or field installed accessories.

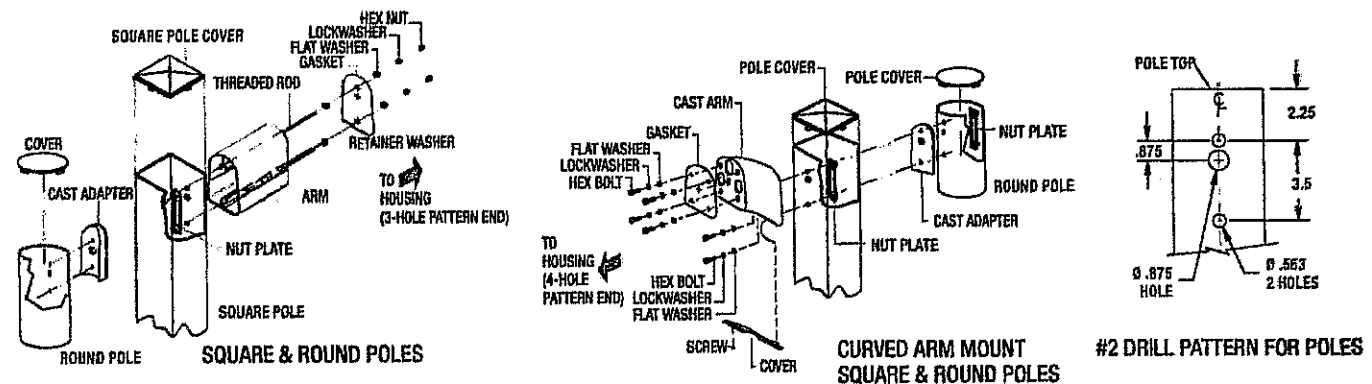
**MOUNT** Two arm designs are available providing maximum design flexibility. The die-cast aluminum arm offers a sleek upswept look while the extruded straight arm includes the housings contoured lines for continuity of style. A wall bracket and pole/tenon accessories are also available allowing easy mounting for virtually any application.

**ELECTRICAL** Energy efficient HID lamps up to 400w. Pulse rated porcelain sockets have spring loaded, nickel plated center contact. All units offer factory or field-installable photocell options and fusing.

**BALLAST** HPF ballast circuit, starting rated at -20 deg F (-40 deg F for HPS). Ballast and other electrical components mounted directly to housing for excellent heat dissipation and long life.

**FINISH** TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness. Prior to painting all luminaires and mounting accessories should be thoroughly cleaned with acid and alkaline cleaners followed by the application of a chromate conversion coating.

**LISTING** UL 1598 listed and CSA certified for outdoor wet location applications.



Due to our continued efforts to improve our products, product specifications are subject to change without notice.



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 For more information visit our web site: [www.spauldinglighting.com](http://www.spauldinglighting.com)





# SSS

## Square Straight Steel

HDT RWRF TYPE D POLE SSS-25-40-7-A1-DB 12/6/11

- Square straight steel shaft
- One-piece construction
- Side, tenon, or pad mounting available
- Ground lug standard
- Galvanized anchor bolts and template included (4-bolt design)
- Base cover standard (Square)
- Gasketed hand hole cover standard (3"x5")
- Lektrocote<sup>®</sup> finish standard
- CSA certification available

### ORDERING INFORMATION

Catalog Number	Pole Ht.		Nominal Shaft Dim.	Wind Load Rating <sup>1</sup>					Wall Thick.	Bolt Circle (Sug.)	Bolt Circle	Bolt Sq.	Base Plate (sq.)	Anchor Bolt Size	Bolt Proj.	Pole Wt (lbs)
	ft	m		70 MPH	80 MPH	90 MPH	100 MPH	120 MPH								
SSS-10-40-1-XX-XX	10	3.0	4"	25	25	22	17	11.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	91
SSS-10-50-1-XX-XX	10	3.0	5"	25	25	25	23	15	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	106
SSS-12-40-1-XX-XX	12	3.7	4"	25	21	16	13.0	8.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	104
SSS-12-50-1-XX-XX	12	3.7	5"	25	25	23	18	11.8	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	122
SSS-14-40-1-XX-XX	14	4.3	4"	24	18	14.2	11.0	6.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	116
SSS-14-40-7-XX-XX	14	4.3	4"	25	25	23	18	12.2	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	158
SSS-14-50-1-XX-XX	14	4.3	5"	25	24	19	14.4	9.0	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	138
SSS-16-40-1-XX-XX	16	4.9	4"	16	12.2	9.0	6.8	3.8	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	128
SSS-16-40-7-XX-XX	16	4.9	4"	25	20	15	12.2	7.6	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	176
SSS-16-50-1-XX-XX	16	4.9	5"	22	16	12.2	9.2	5.2	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	153
SSS-16-50-7-XX-XX	16	4.9	5"	25	25	24	19	12.4	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	214
SSS-18-40-1-XX-XX	18	5.5	4"	13.8	10.0	7.2	5.2	2.4	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	147
SSS-18-40-7-XX-XX	18	5.5	4"	23	17	13.0	10.0	6.0	.179"	11"	10 - 13.5"	7.1 - 9.5"	11 x 1"	3/4 x 30 x 3"	4"	201
SSS-18-50-1-XX-XX	18	5.5	5"	18	13.2	9.6	7.0	3.4	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	175
SSS-18-50-7-XX-XX	18	5.5	5"	25	25	20	16	9.8	.179"	11"	8 1/2 - 12"	6 - 8.4"	12 x 1"	3/4 x 30 x 3"	4"	243
SSS-20-40-1-XX-XX	20	6.1	4"	11.4	8.0	5.6	3.8	1.4	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	160
SSS-20-40-7-XX-XX	20	6.1	4"	19	14.6	10.8	8.0	4.4	.179"	11"	8 1/2 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	225
SSS-20-50-1-XX-XX	20	6.1	5"	15	10.8	7.6	5.2	2.0	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	191
SSS-20-50-7-XX-XX	20	6.1	5"	25	23	17	13.2	7.6	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	3/4 x 30 x 3"	4"	266
SSS-20-60-7-XX-XX	20	6.1	6"	25	25	24	18	11.2	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	312
SSS-25-40-1-XX-XX	25	7.6	4"	7.0	4.2	2.2	NR	NR	.119"	11"	8 - 11"	5.6 - 7.8"	10.25 x 0.75"	3/4 x 30 x 3"	4"	190
SSS-25-40-7-XX-XX	25	7.6	4"	13.4	9.4	6.4	4.2	1.4	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	3/4 x 30 x 3"	4"	266
SSS-25-50-1-XX-XX	25	7.6	5"	9.6	6.0	3.4	1.4	NR	.119"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	231
SSS-25-50-7-XX-XX	25	7.6	5"	22	15	11.2	7.8	3.4	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	324
SSS-25-50-3-XX-XX	25	7.6	5"	25	22	16	12.4	6.6	.250"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	437
SSS-25-60-7-XX-XX	25	7.6	6"	25	22	16	11.6	5.6	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	404
SSS-27-40-7-XX-XX	27	8.2	4"	11.4	7.8	5.0	3.0	NR	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	1 x 36 x 4"	4"	290
SSS-30-40-7-XX-XX	30	9.1	4"	8.2	5.0	2.8	1.2	NR	.179"	11"	8.5 - 12"	6 - 8.4"	11 x 1"	1 x 36 x 4"	4"	313
SSS-30-50-7-XX-XX	30	9.1	5"	14.2	9.4	6.0	3.4	NR	.179"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	398
SSS-30-50-3-XX-XX	30	9.1	5"	20	14.6	10.2	6.8	2.4	.250"	11"	10 - 13.5"	7.1 - 9.5"	12 x 1"	1 x 36 x 4"	4"	537
SSS-30-60-7-XX-XX	30	9.1	6"	20	13.8	9.2	5.8	1.2	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	467
SSS-30-60-3-XX-XX	30	9.1	6"	25	24	17	12.8	6.2	.250"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	4"	630
SSS-35-60-7-XX-XX	35	10.7	6"	14.2	8.4	4.6	1.6	NR	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	538
SSS-35-60-3-XX-XX	35	10.7	6"	25	17	11.6	7.4	1.8	.250"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	4"	726
SSS-40-60-7-XX-XX	40	12.2	6"	9.0	4.0	NR	NR	NR	.179"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1 x 36 x 4"	4"	614
SSS-40-60-3-XX-XX	40	12.2	6"	18	11.8	6.8	3.2	NR	.250"	12"	11 - 13.5"	7.8 - 9.5"	12 x 1"	1.25 x 42 x 6"	4"	802

1 Allowable EPA with 1.3 gust factor; To determine max. pole loading weight, multiply allowable EPA by 3D lbs; Published allowable EPA values based upon calculations of Spaulding Lighting; Allowable EPA values for projects requiring AASHTO methodology are available upon request

Note: Factory supplied template must be used when setting anchor bolts; Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts

### ORDERING INFORMATION ORDERING EXAMPLE: SSS-25-40-1-**TA-DB-Q55**

Complete part number requires shaft above plus mounting type, finish, and appropriate options below.

MOUNTING TYPE	MOUNTING TYPE (con't)	FINISH	OPTIONS	OPTIONS (con't)
AX <sup>1</sup> Side - single	TA Tenon (2 3/8" OD)	DB Dark Bronze	Q55 Internal coating (Hubbell Seal)	Q30 <sup>3</sup> 2" coupling
8X <sup>1</sup> Side - double at 90°	TB Tenon (2 7/8" OD)	BL Black	Q18 <sup>3</sup> 15A GFCI receptacle & cover	Q32 <sup>3</sup> Mid-pole luminaire bracket (12" long w/ 2 3/8" OD tenon)
CK <sup>1</sup> Side - double at 180°	TR <sup>2</sup> Removable tenon (2.375"x4.25")	WH White	Q22 <sup>3</sup> Extra hand hole	Q40 Vibration damper
DX <sup>1</sup> Side - triple at 90°	CD Concord luminaire	GR Gray	Q26 <sup>3</sup> 1/2" coupling	LAB Less anchor bolts
FX <sup>1</sup> Side - quad at 90°	OT No drilling (includes pole cap)	PS Platinum	Q27 <sup>3</sup> 3/4" coupling	CSA CSA certified (consult factory)
P1 Pad mount - spider type		RD Red (premium color)		
P2 Pad mount - yoke type		FG Forest Green (premium color)		
		CC Custom Color (consult factory)		
		PR Primer only		

- DRILL PATTERNS: Replace X with the following numbers to indicate the appropriate arm/hole pattern: 1 - AL, DL, DT2, MY, NK, OD, OR, SE, WN; 2 - CL1, CM1, CM2, CR1, MSV, RCS, RCL; 4 - DS, MSS; 5 - DT3; 6 - DM
- Removable tenon used in conjunction with side arm mounting; First specify desired arm configuration followed by the "TR" notation. Example: SSS-25-40-7-C6-TR-DB
- Specify option location using logic found in pole introduction pages; The location of all options must start a minimum of one foot above the hand hole and be located one foot apart from one another; Consult factory for any exceptions

**SPALDING LIGHTING**

POLES

